

## 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
3/22/11 (diagnosis confirmed)		Charles	Calf	Rabies	1	DHMH	See note 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](mailto:ahops@mda.state.md.us), 410-841-5810
- DHMH - Maryland Department of Health and Mental Hygiene, Center for Zoonotic and Vector-borne Diseases: [czvbd@dhmh.state.md.us](mailto:czvbd@dhmh.state.md.us), 410-767-5649
- DNR - Maryland Department of Natural Resources, Fish & Wildlife Health Program, [FWHP@dnr.state.md.us](mailto:FWHP@dnr.state.md.us), 410-226-5193

### Comments:

Rabies was confirmed in a 3 month-old beef calf in Charles County on March 22, 2011. The calf refused to eat and exhibited neurologic signs, including constant mooring and drooling, and died a few days after illness onset. The Maryland Department of Agriculture and the Charles County Health Department conducted a risk assessment during an on-site visit and placed a six-month hold order on the herd, prohibiting the sale or transport of the animals during that period. Plans have been made to vaccinate the herd against rabies. The only human exposed to the rabid calf was the owner, who has begun rabies post-exposure prophylaxis.

This is the second confirmed rabid bovine in Maryland in 2011 and there have been 37 confirmed rabies cases in cattle in the state since 1987. As of March 21, three rabid raccoons have been reported in Charles County in 2011, two of which were from the same area as the rabid calf.

Given that rabies is endemic and wildlife species account for 95% of all confirmed rabid animals in the state, producers may consider rabies vaccination of all animals for which a licensed vaccine exists to protect themselves and their animals. Calves that are not old enough for rabies vaccination (less than 105 days old) may benefit from passive transfer of maternal antibodies from a vaccinated cow. Veterinarians can coordinate with their local health departments to report rabies exposures and to arrange testing for suspect rabid animals. Additional rabies data for Maryland are provided in Table 2.

To report cases of disease in:	Contact:
<b>Domestic animals</b>	MDA Animal Health Program Office 410-841-5810 <a href="http://www.mda.state.md.us/animal_health/diseases/reportable.php">www.mda.state.md.us/animal_health/diseases/reportable.php</a>
<b>Wild animals</b>	MD DNR / USDA Wildlife Service Call Center 1-877-463-6497 <a href="http://www.whmn.org/wher/">http://www.whmn.org/wher/</a>
<b>Humans</b>	DHMH Center for Zoonotic and Vector-borne Diseases 410-767-5649 <a href="http://www.edcp.org/html/case_reports.cfm">http://www.edcp.org/html/case_reports.cfm</a>

## MARYLAND ANIMAL RABIES CASES, 2011

**Table 2. New (confirmed within the last two weeks) and Cumulative Rabies Cases, Week Ending March 26, 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										0
Baltimore					2		4(2)			6(2)
Baltimore City							3(1)			3(1)
Calvert					1		1			2
Caroline										0
Carroll			1				2			3
Cecil		1								1
Charles			1(1)		1(1)		3			5(2)
Dorchester							1(1)			1(1)
Frederick		1		1			7(2)	1		10(2)
Garrett							1(1)			1(1)
Harford					1		3			4
Howard		1					1			2
Kent										0
Montgomery							6(5)			6(5)
Prince George's					1(1)		2(1)			3(2)
Queen Anne's							2			2
Somerset							2			2
St. Mary's					1					1
Talbot										0
Washington								2		2
Wicomico										0
Worcester							3			3
<b>Total (New)</b>	<b>0</b>	<b>3</b>	<b>2(1)</b>	<b>1</b>	<b>7(2)</b>	<b>0</b>	<b>43(13)</b>	<b>3</b>	<b>0</b>	<b>59(16)</b>

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

[http://www.edcp.org/vet\\_med/](http://www.edcp.org/vet_med/)

**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](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](http://www.aphis.usda.gov/animal_health)

Maryland Department of Health and Mental Hygiene Weekly Influenza Report:

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