

ZOONOTIC AND OTHER ANIMAL DISEASES OF CONCERN IN MARYLAND

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

Estimated first onset	Estimated end date	Jurisdiction affected	Species affected	Diagnosis	Estimated # of cases to date	Lead agency	Comment
January 2013	January 2013	Queen Anne's	Bald Eagle	pentobarbital and phenytoin poisoning	1	DNR	See 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@maryland.gov, 410-841-5810

DHMH - Maryland Department of Health and Mental Hygiene, Center for Zoonotic and Vector-borne Diseases: dhmh.czvbd@maryland.gov, 410-767-5649

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

Bald eagle

A bald eagle was found on the ground in Queen Anne's County in January 2013 and was taken to Tri-State Bird Rescue and Research (TSBRR), in Newark, DE for evaluation. The adult male eagle was unresponsive and exhibiting seizures. Crop contents revealed muscle and bone tissue of a small animal. Toxicological testing (organic chemical screen conducted at the University of Pennsylvania) of blood and crop contents indicated that the eagle suffered from pentobarbital and phenytoin poisoning (euthanasia solution). After a week of supportive care at TSBRR the bird was released.

This case had a happy ending, but serves as a reminder to all veterinary clinics that animal carcasses must be disposed of properly and consideration should be given to the implications of the disposal method and drugs. Veterinarians can help prevent wildlife and pet poisonings by advising animal owners of acceptable methods, which include burial, composting, rendering or incineration. Resources for more information can be found at the following websites (see next page):

To report cases of disease in:	Contact:
Domestic animals	MDA Animal Health Program Office 410-841-5810 http://mda.maryland.gov/animalHealth/Pages/Diseases.aspx
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.dhmmh.maryland.gov/OIDEOR/CZVBD/SitePages/Home.aspx

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Bald eagle (continued)

Code of Maryland Regulations (COMAR) 15.14.03.02H:

<http://www.dsd.state.md.us/comar/getfile.aspx?file=15.14.03.02.htm>

U.S. Fish and Wildlife Service "Secondary Poisoning Fact Sheet":

<http://www.fws.gov/southeast/news/2002/12-03SecPoisoningFactSheet.pdf>

AVMA:

<https://www.avma.org/PracticeManagement/Administration/Pages/Animal-Carcass-Disposal.aspx>

Cornell University:

<http://cwmi.css.cornell.edu/mortality.htm>



Poisoned bald eagle; chemically euthanized horse carcass; landfill with scavenging birds

Photos: www.fws.gov/southeast/news/2002/12-03SecPoisoningFactSheet.pdf

Wildlife Decision Tree

In the last issue of the MOHB (Volume 3, Issue 1), we advertised the Wildlife Decision Tree published by the AVMA. Since publication of that issue, the AVMA has changed the online location of the Tree. You can now access it at: www.avma.org/wildlife.

MARYLAND ANIMAL RABIES CASES, 2013

Table 2. New (confirmed since the previous Bulletin) and Cumulative Rabies Cases, Week Ending February 16, 2013

Jurisdiction	Bat Total (New)	Cat Total (New)	Cow Total (New)	Dog Total (New)	Fox Total (New)	Total	Groundhog Total (New)	Raccoon Total (New)	Skunk Total (New)	Other Total (New)	Total (New)
Allegany											
Anne Arundel											
Baltimore								3 (3)			3 (3)
Baltimore City								2 (2)			2 (2)
Calvert											
Caroline								2 (1)	1 (1)		3 (2)
Carroll											
Cecil								1 (1)			1 (1)
Charles											
Dorchester											
Frederick		3 (2)			1 (1)			2 (2)			6 (5)
Garrett											
Harford											
Howard											
Kent											
Montgomery								2 (2)			2 (2)
Prince George's								1(1)			1 (1)
Queen Anne's								3 (3)	1		4 (3)
Somerset											
St. Mary's									1		1
Talbot											
Washington											
Wicomico											
Worcester								3 (1)			3 (1)
Total (New)		3 (2)			1(1)			19 (16)	3 (1)		26 (20)

For complete animal rabies data:

<http://ideha.dhmh.maryland.gov/OIDEOR/CZVBD/SitePages/Home.aspx>

To view previous versions of the Maryland One Health Bulletin (MOHB):

<http://mda.maryland.gov/animalHealth/Pages/md-one-health.aspx>

Maryland Department of Health and Mental Hygiene Weekly Public Health and Emergency Preparedness Bulletin:

<http://preparedness.dhmh.maryland.gov/SitePages/Public%20Health%20And%20Emergency%20Preparedness%20Bulletins.aspx>

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://ideha.dhmh.maryland.gov/influenza/fluwatch/SitePages/Home.aspx>