

### 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

**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](mailto:ahops.mda@maryland.gov), 410-841-5810

MDH - Maryland Department of Health, Center for Zoonotic and Vector-borne Diseases: [mdh.czvbd@maryland.gov](mailto:mdh.czvbd@maryland.gov), 410-767-5649

MD DNR - Maryland Department of Natural Resources, Fish & Wildlife Health Program, 410-226-5193

The Maryland Department of Natural Resources (MD DNR) receives reports of wildlife disease cases via the 24/7 toll-free MD Natural Resources Police Call Center:

1-800-628-9944, the USDA/MD DNR Call Center: 1-877-463-6497, or the MD DNR Wildlife & Heritage Service office in Annapolis 1-410-260-8540.

#### **Tickborne Disease Awareness Month**

May was Tickborne Disease Awareness Month in Maryland! Maryland Department of Health’s Public Service Announcements were broadcast on radio stations around Maryland.

Visit our updated website at: [www.health.maryland.gov/tick](http://www.health.maryland.gov/tick). The website includes data and statistics, educational materials, and general information on ticks and tickborne diseases.

Protect all members of your family, including both people and pets .... Fleas and ticks are a nuisance to pets and can make them very sick. For the health and well-being of all family members, it is important to use safe and effective prevention products on pets.

Check out this article from the AVMA (<https://www.avma.org/public/PetCare/Pages/Safe-use-of-flea-and-tick-preventive-products.aspx>) or speak with your local veterinarian. There are a variety of EPA-registered and FDA-approved products available to prevent ticks on pets. Your veterinarian may also recommend an annual heartworm test or Lyme disease vaccine to help pet owners stay on top of their pets’ health.

#### **Gardening Tips to Prevent Ticks**

Keep out the mice!

- Mice can carry ticks, and in particular the white-footed mouse is known to contribute to the cycle of Lyme disease.
- Maintain stone walls, where mice like to make homes.

To report cases of disease in:	Contact:
<b>Domestic animals</b>	MDA Animal Health Program Office 410-841-5810 <a href="http://mda.maryland.gov/animalHealth/Pages/Diseases.aspx">http://mda.maryland.gov/animalHealth/Pages/Diseases.aspx</a>
<b>Humans</b>	MDH Center for Zoonotic and Vector-borne Diseases 410-767-5649 <a href="https://phpa.health.maryland.gov/OIDEOR/CZVBD/pages/Home.aspx">https://phpa.health.maryland.gov/OIDEOR/CZVBD/pages/Home.aspx</a>
<b>Wildlife</b>	MD DNR/USDA Call Center 877-463-6497

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### *Tickborne Disease Awareness Month (continued)*

- Keep the ground clean around your bird feeders - this will help discourage the mice from feeding.
- Keep out the deer!
- Deer not only eat anything that grows in the garden but also feed adult ticks.
  - Use plants that deter deer, typically those that are naturally fuzzy, course, spiny, bitter, or heavily aromatic.
  - Consider installing a deer fence at least six feet high.

Garden against ticks!

- Use cedar mulch – shown in studies to repel ticks
- Water wisely and prune strategically – ticks prefer moist, shady environments so water just enough to maintain plants and prune in the winter to increase sunlight.
- Keep your lawn cut short, about three inches or less, and maintain paths for human and pet travel in dense garden areas.

### **New Rocky Mountain Spotted Fever Online Training Module for Clinicians**

The Centers for Disease Control and Prevention (CDC) has created a new continuing education module to help clinicians recognize and diagnose Rocky Mountain spotted fever.

The module includes:

- Knowledge checks
- Case-based scenarios
- Rash comparison tool

The module can be accessed online at: <https://www.cdc.gov/rmsf/resources/module.html>.

Free continuing education credit is available for physicians, nurse practitioners, physician assistants, veterinarians, nurses, epidemiologists, public health professionals, educators, and health communicators.

### ***Temporary Suspension of Dogs Entering the United States from Egypt***

In response to three recent cases of rabid dogs imported from Egypt since May of 2015, the Centers for Disease Control and Prevention (CDC) has taken action to protect public health and prevent the reintroduction of dog rabies (canine rabies virus variant), which was eliminated from the United States in 2007.

On May 10, 2019, CDC published a Federal Register Notice titled, “**Notice of Temporary Suspension of Dogs Entering the United States from Egypt.**” Through this notice, CDC is informing the public that, effective immediately, it is temporarily suspending the importation of:

- Dogs from Egypt, or
- Dogs originating in Egypt that are imported from third-party countries, if the dogs have lived in those countries for less than six months.

CDC will maintain this suspension until appropriate veterinary safeguards to prevent the importation of rabid dogs from Egypt have been established. CDC has coordinated with other federal agencies and entities as necessary to implement this action. CDC will review this suspension periodically.

More information regarding the temporary suspension is available at:

<https://www.cdc.gov/importation/bringing-an-animal-into-the-united-states/Egypt-dogs-temp-suspension.html>

### ***One Health Zoonotic Disease Prioritization Workshop***

In December 2017 the CDC held the U.S. One Health Zoonotic Disease Prioritization Workshop and the corresponding report was just released. Dr. Cindy Driscoll / MD DNR - participated as both a state representative and a fish and wildlife veterinary representative. The prioritized zoonotic diseases for the United States are zoonotic influenza viruses, salmonellosis, West Nile virus, plague, emerging coronaviruses (e.g., severe acute respiratory syndrome and Middle East respiratory syndrome), rabies virus, brucellosis, and Lyme disease. Please refer to the full report for the complete list of diseases considered for prioritization: <https://www.cdc.gov/onehealth/pdfs/us-ohzdp-report-508.pdf>.

## MARYLAND ANIMAL RABIES CASES, 2019

**Table 2. New (confirmed since the previous Bulletin) and Cumulative Rabies Cases, Week Ending June 15, 2019**

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					1(1)					1(1)
Anne Arundel							7(6)			7(6)
Baltimore	1(1)				2(2)		11(11)	1(1)		15(15)
Baltimore City	1(1)						10(10)			11(11)
Calvert										
Caroline	1(1)						2(1)			3(2)
Carroll		1(1)			1(1)		6(5)			8(7)
Cecil							3(3)	1(1)		4(4)
Charles							2(2)			2(2)
Dorchester					1(1)		2(2)			3(3)
Frederick	1(1)	1			1(1)		9(5)	2(1)	2(2)	15(10)
Garrett							2(1)			2(1)
Harford					2(1)		12(8)			14(9)
Howard			1(1)				1(1)		1(1)	3(3)
Kent							2(2)			2(2)
Montgomery					1(1)		5(3)			6(4)
Prince George's					2(2)		4(3)			6(5)
Queen Anne's							2(1)			2(1)
Saint Mary's					2(1)					2(1)
Somerset					1(1)		2(2)			3(3)
Talbot					1(1)		7(7)			8(8)
Washington		2(1)								2(1)
Wicomico					1(1)		2(2)			3(3)
Worcester					3(3)		4(3)			7(6)
<b>Total (New)</b>	<b>4(4)</b>	<b>4(2)</b>	<b>1(1)</b>		<b>19(19)</b>		<b>95(78)</b>	<b>4(3)</b>	<b>3(3)</b>	<b>129(107)</b>

**Other:** Sheep 1(1), Cow 1(1), Ferret 1(1)

**For complete animal rabies data:**

<https://pha.health.maryland.gov/OIDEOR/CZVBD/pages/Data-and-Statistics.aspx>

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

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

**Maryland Department of Health Weekly Public Health and Emergency Preparedness Bulletin:**

<https://preparedness.health.maryland.gov/Pages/PHPSA.aspx>

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

<https://www.usgs.gov/centers/nwhc>

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

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/animal-disease-information>

**Maryland Department of Health Weekly Influenza Report:**

<https://pha.health.maryland.gov/influenza/Pages/home.aspx>