

### 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.

#### **Zoonoses, Livestock, and Large Animal Veterinarians Survey**

The Centers for Disease Control and Prevention (CDC) is conducting a survey of large animal clinical practitioners across the United States. The goal of this survey is to understand the circumstances and challenges large animal veterinarians experience when evaluating an abortion event in livestock. Please consider taking 15 minutes to complete this survey. The information gathered will assist the CDC with targeted veterinary education to decrease occupational exposures to zoonotic infectious disease.

To access the survey, please visit: <http://j.mp/2E2yjBE>

The survey is open now through October 31, 2019.

#### **Outbreak of Multidrug-Resistant Salmonella Infections Linked to Contact with Pig Ear Dog Treats**

The Centers for Disease Control and Prevention (CDC), public health and regulatory officials in several states, and the U.S. Food and Drug Administration (FDA) are investigating a multistate outbreak of multidrug-resistant *Salmonella* I 4,[5],12:i:- infections linked to contact with pig ear dog treats.

As of July 17, 2019, a total of 93 people infected with the outbreak strain of *Salmonella* I 4,[5],12:i:- have been reported from 27 states. Additional information regarding this outbreak, including advice to dog owners, is available on line at: <https://www.cdc.gov/salmonella/pet-treats-07-19/index.html>

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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### *Maryland Kicks Off the 2019 Arboviral Surveillance Season*

It's that time of year once again! Statewide surveillance of human, mosquito, wildlife, and equine populations for WNV and arboviruses other than Zika virus commenced on **July 1, 2019**. Zika virus surveillance is conducted year-round as a travel-associated illness.

The three state partner agencies—the Departments of Health (MDH), Agriculture (MDA), and Natural Resources (DNR)—will maintain the same roles as in prior years with respect to arboviral surveillance and control activities. The MDH will conduct enhanced passive human surveillance for WNV and other arboviruses. Mosquito surveillance is conducted jointly by MDA and MDH. Certain mosquito surveillance and control activities have been expanded to target *Aedes* species mosquitoes which are the primary vectors of Zika virus. DNR will conduct wildlife surveillance.

In 2018, Maryland reported a total of 45 human WNV cases in thirteen jurisdictions. Thirty-five of those were neuroinvasive cases. There were no human fatalities. Maryland also reported 6 cases of Zika for 2018. Two chikungunya and four dengue cases identified in Maryland in 2018; all were travel-associated. MDA submitted a total of 1,783 mosquito pools to the MDH Public Health Laboratory where they were tested for WNV, Eastern equine encephalitis (EEE), and St. Louis encephalitis (SLE). A total of 32 mosquito pools tested positive for WNV from Anne Arundel (9), Montgomery (4), and Prince George's (19) counties. They included 28 mosquito pools collected by MDA and four collected by the Department of Defense from selected military installations.

The Center for Zoonotic and Vector-borne Diseases (CZVBD) offers various educational materials and resources that can be accessed by visiting the Maryland West Nile Virus Page at <https://phpa.health.maryland.gov/OIDEOR/CZVBD/Pages/west-nile-virus.aspx>.

## MARYLAND ANIMAL RABIES CASES, 2019

**Table 2. New (confirmed since the previous Bulletin) and Cumulative Rabies Cases, Week Ending July 20, 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
Anne Arundel	1(1)						8(1)			9(2)
Baltimore	2(1)				2		12(1)	1		17(2)
Baltimore City	1						11(1)			12(1)
Calvert										
Caroline	1						3(1)			4(1)
Carroll		1			1		6			8
Cecil							5(2)	1		6(2)
Charles	1(1)						2			3(1)
Dorchester					1		2			3
Frederick	1	1			1	1(1)	11(2)	2	1	18(3)
Garrett							2			2
Harford					2		14(2)			16(2)
Howard		1(1)	1				1		1	4(1)
Kent							2			2
Montgomery	1(1)				2(1)		7(2)			10(4)
Prince George's		1(1)			2		4	1(1)		8(2)
Queen Anne's							2			2
Saint Mary's					2					2
Somerset					2(1)		2			4(1)
Talbot					1		7			8
Washington		2								2
Wicomico					1		3(1)			4(1)
Worcester					3	1(1)	5(1)			9(2)
<b>Total (New)</b>	<b>8(4)</b>	<b>6(2)</b>	<b>1</b>		<b>21(2)</b>	<b>2(2)</b>	<b>109(14)</b>	<b>5(1)</b>	<b>2</b>	<b>154(25)</b>

**Other:** Sheep 1, Ferret 1

**For complete animal rabies data:**

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