

| Estimated first onset | Estimated end date | Jurisdiction affected | Species affected | Diagnosis | Estimated # of cases to date | Lead agency | Comment |
|-----------------------|--------------------|-----------------------|------------------|--------------------|------------------------------|-------------|-----------|
| 1/16/2020 | n/a | Carroll, Frederick | Sheep, Goats | Cache Valley Fever | 4 | MDA | See below |

ZOONOTIC AND OTHER ANIMAL DISEASES OF CONCERN IN MARYLAND

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

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

MDH - Maryland Department of Health, Center for Zoonotic and Vector-borne Diseases: 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.

Cache Valley Virus in Sheep and Goats

Veterinarians and sheep producers should be aware of the potential for Cache Valley Virus impacting their lamb crop this lambing season. As of February 28, 2020, 2 lambs and 1 goat on 3 farms in Carroll and Frederick Counties have been diagnosed with Cache Valley Fever Virus (CVV). CVV is a virus that is transmitted by mosquitos to sheep, goats, cattle, horses, deer. If the ewe/doe is pregnant when first infected, the virus can cause dramatic neurologic, muscular and skeletal damage to the lambs/kids she carries, resulting in brain and skeletal deformities, abortions, stillbirths or weak, compromised lambs/kids. The ewe/doe might not appear sick, and she does develop antibodies to the virus, so in future years she is protected. There is no vaccine and no treatment for CVV. CVV cannot be spread from an infected animal to a human or another animal, nevertheless, ruminants, horses, deer and other animals are susceptible to infection, and there are reports in the literature of humans being infected by CVV. Sheep producers suspecting CVV should contact a veterinarian in order to rule out other causes of birth defects, miscarriages or infertility. For an extensive discussion of CVV in sheep, see the South Dakota State University Extension article here: https://www.wlj.net/top_headlines/vet-warns-of-effects-of-cache-valley-virus-during-lambing/article_56bbe452-0856-11e8-9b1d-fbebf00712d1.html.

| 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 |
| Humans | MDH Center for Zoonotic and Vector-borne Diseases 410-767-5649 https://phpa.health.maryland.gov/OIDEOR/CZVBD/pages/Home.aspx |
| Wildlife | MD DNR/USDA Call Center 877-463-6497 |

MARYLAND ANIMAL RABIES CASES, 2020

Table 2. New (confirmed since the previous Bulletin) and Cumulative Rabies Cases, Week Ending February 22, 2020

| 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 | 1(1) | | | | 1(1) | | 4(3) | | | 6(5) |
| Baltimore | | | | | | | 4(3) | | | 4(3) |
| Baltimore City | | | | | 2(2) | | 1(1) | | | 3(3) |
| Calvert | | | | | | | | | | |
| Caroline | | | | | | | | | | |
| Carroll | | | | | | | 3(3) | | | 3(3) |
| Cecil | | | | | | | | | | |
| Charles | | | | | | | | | | |
| Dorchester | | | | | | | | | | |
| Frederick | | 1(1) | | | | | 4(2) | | | 5(3) |
| Garrett | | | | | | | | | | |
| Harford | | | | | | | 3(1) | | | 3(1) |
| Howard | | 1(1) | | | | | 1(1) | | | 2(2) |
| Kent | | | | | | | | | | |
| Montgomery | | 1(1) | | | 1(1) | | | | | 2(2) |
| Prince George's | | | | | | | 1(1) | | | 1(1) |
| Queen Anne's | | | | | 1(1) | | | 1(1) | | 2(2) |
| Saint Mary's | | | | | | | 1(1) | | | 1(1) |
| Somerset | | | | | | | | | | |
| Talbot | | | | | | | | | | |
| Washington | | | | | | | 1(1) | | | 1(1) |
| Wicomico | | | | | | | 1(1) | | | 1(1) |
| Worcester | | | | | | | 1 | | | 1 |
| Total (New) | 1(1) | 4(4) | | | 5(5) | | 25(18) | | | 36(29) |

Other:

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>