

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
July 18, 2017	n/a	Prince George's	Mosquito	WNV	1 pool	MDA	First positive pool

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

DNR - Maryland Department of Natural Resources, Fish & Wildlife Health Program, 877-463-6497 or 800-628-9944

New Compendium of Measures to Control Chlamydia psittaci Infection Among Humans (Psittacosis) and Pet Birds (Avian Chlamydiosis), 2017

The National Association of State Public Health Veterinarians (NASPHV) has recently updated the *Compendium of Measures to Control Chlamydia psittaci Infection Among Humans (Psittacosis) and Pet Birds (Avian Chlamydiosis), 2017*. Changes to the Compendium for 2017 include the following:

- A recommendation for a shorter treatment time for birds with avian chlamydiosis
- Additional information about diagnostic testing, including genotyping
- Clearer language associated with personal protective equipment recommended for those caring for confirmed or exposed birds
- A grading scale for recommendations generally based on the United States Preventative Services Task Force's methods

The Compendium committee and consultants believe these updates will aid public health officials, physicians, veterinarians, and the pet bird industry in controlling this disease in birds and in people. Supporting documents, including case report forms and checklists for bird owners and pet store staff, can be found at <http://www.nasphv.org/documents/CompendiaPsittacosis.html>. The most recent versions of all NASPHV Compendia can be found at <http://www.nasphv.org/>.

Please continue to notify the Center for Zoonotic and Vector-borne Diseases (CZVBD) of any reports of avian chlamydiosis and human psittacosis. CZVBD staff can be reached by phone at 410-767-5649 or e-mail at mdh.czvbd@maryland.gov with any questions or comments.

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.wher.org
Humans	MDH Center for Zoonotic and Vector-borne Diseases 410-767-5649 https://phpa.health.maryland.gov/OIDEOR/CZVBD/pages/Home.aspx

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Rabies Vaccination Delay Request

The Maryland Department of Health, Center for Zoonotic and Vector-borne Diseases (CZVBD) has recently updated information regarding the Rabies Vaccine Delay Request form # MDH 4791. Changes include the following:

- Deletion of home address information requirement for submitting veterinarian
- Information for veterinarians regarding rabies vaccine delay best practices
- Updated information for reporting adverse rabies vaccine reactions to the United States Department of Agriculture (USDA) Center for Veterinary Biologics

The updated Rabies Vaccine Delay Request form can be found online under the For Veterinarians section at:

<https://phpa.health.maryland.gov/OIDEOR/CZVBD/Pages/rabies.aspx> . Call 410-767-5649 with any questions regarding these changes.

*Note that rabies vaccine delays will not be approved without appropriate medical documentation. Veterinarians should only send information pertinent to the medical condition necessitating rabies vaccine delay.

Travel with Your Pet

International Travel

Traveling with your pet requires advance planning and preparation. To help make this process go smoothly, USDA's Animal and Plant Health Inspection Service (APHIS) has a few simple steps to follow – and a comprehensive website to walk you through the process.

Consider when traveling internationally that each country has different animal health requirements that travelers must meet so it's important to start the process early. APHIS Pet Travel website (<https://www.aphis.usda.gov/aphis/pet-travel>) lists the requirements for more than 130 countries.

Almost all countries require a USDA-accredited veterinarian to issue (complete, sign, and date) an international health certificate within a certain number of days prior to your departure to confirm the health of your pet. This can be done by mail or, in some cases, in person. To find an USDA accredited veterinarian go to <https://www.aphis.usda.gov/aphis/pet-travel/find-a-vet/pet-travel-locate-an-accredited-vet>. Don't forget to check with your airline carrier to see if they have additional requirements to transport your pet. Make sure you know how to collect your pet at the port of entry upon arrival in your destination country. It's also important to remember that various U.S agencies regulate the entry of your pet back into the United States – plan ahead and check those requirements on the website before you go.

If you have any questions about the process at any step along the way, please contact the APHIS Customer Service Call Center at 844-820-2234 or your local APHIS Service Center for more information. To locate your local APHIS Service Center go to <https://www.aphis.usda.gov/aphis/pet-travel/service-centers-endorsement-offices>.

Domestic Travel

There are requirements for travel with your pet from state to state. Check <https://www.aphis.usda.gov/aphis/pet-travel> for the requirements for each state.

If you plan on traveling by car remember: NEVER leave your pet in a hot car even if you park in the shade. Pets are unable to control body temperature as efficiently as humans and just a few minutes in a hot car could cause harm or death to your pet. The temperature in your car rises quickly.

If you plan on travelling by plane, there are more considerations and preparations to make. While some airlines will allow pets to accompany owners in the cabin, others still require pets to ride in the cargo hold. Pets can face extreme temperatures and conditions while waiting to load or in the cargo hold itself if a malfunction occurs during flight. Pets that are accidentally placed on the wrong flight may not have enough food or water to make the altered trip, and should a medical emergency occur in flight there is no easy access to a veterinary clinic. The American Veterinary Medical Association makes several recommendations for safe air travel with your pet: <https://www.avma.org/public/PetCare/Pages/Traveling-with-Your-Pet-FAQs.aspx#plane>

Estimated Vehicle Interior Air Temperature v. Elapsed Time						
Elapsed time	Outside Air Temperature (F)					
	70	75	80	85	90	95
0 minutes	70	75	80	85	90	95
10 minutes	89	94	99	104	109	114
20 minutes	99	104	109	114	119	124
30 minutes	104	109	114	119	124	129
40 minutes	108	113	118	123	128	133
50 minutes	111	116	121	126	131	136
60 minutes	113	118	123	128	133	138
> 1hour	115	120	125	130	135	140

Courtesy Jan Null, CCM; Department of Geosciences, San Francisco State University

MARYLAND ANIMAL RABIES CASES, 2017

Table 2. New (confirmed since the previous Bulletin) and Cumulative Rabies Cases, Week Ending July 29, 2017

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)			2(2)
Anne Arundel	3(3)	1				1(1)	2			7(4)
Baltimore	1				1		9(1)			11(1)
Baltimore City		1				2(2)	6			9(2)
Calvert										
Caroline	1 (1)						1	1		3(1)
Carroll		2	1(1)				4(1)			7(2)
Cecil	1(1)	2(1)					4(3)			7(5)
Charles	3(1)	1					1(1)			5(2)
Dorchester									1(1)	1(1)
Frederick	3	6(3)					11(3)			20(6)
Garrett							1			1
Harford	1(1)					1(1)	11(1)			13(3)
Howard						1				1
Kent							1			1
Montgomery	1(1)				1		9(3)			11(4)
Prince George's	3(1)	2(2)			1		2			8(3)
Queen Anne's							1	1		2
Saint Mary's										
Somerset							2(2)			2(2)
Talbot							5(1)			5(1)
Washington	2	2			1	1	2(1)			8(1)
Wicomico	1(1)						1			2(1)
Worcester		1					5		1	7
Total (New)	21(11)	18(6)	1(1)		4	6(4)	79(18)	2	2(1)	133(41)

Other: Opossum 2(1)

For complete animal rabies data:

<https://pha.health.maryland.gov/OIDEOR/CZVBD/Pages/rabies.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 and Mental Hygiene 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:

http://www.nwhc.usgs.gov/mortality_events?ongoing.jsp

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

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

Maryland Department of Health and Mental Hygiene Weekly Influenza Report:

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