

Arbovirus Cases in Virginia for 2012

Humans - Abovirus Cases for 2012

Location by Health Region	Arbovirus	Number of Cases	Case Status	Illness Onset Date of First Case	Illness Onset Date of Most Recent Case	Imported
West Nile Virus (WNV)						
Albemarle County	WNV	1	Confirmed	9/2/12	9/2/12	Texas-1
Alexandria City	WNV	1	Confirmed	8/11/12	8/11/12	
Arlington County	WNV	2	Confirmed-1, Probable-1	8/20/12	8/25/12	Colorado-1
Chesapeake City	WNV	1	Confirmed*	9/24/12	9/24/12	
Chesterfield County	WNV	2	Confirmed-1, Probable-1	8/4/12	8/6/12	
Fairfax County	WNV	8	Confirmed-5*, Probable-3, Donor-1	8/11/12	10/1/12	Illinois-1
Fauquier County	WNV	1	Confirmed	8/6/12	8/6/12	
Frederick County	WNV	2	Confirmed-2	8/27/12	9/24/12	
Greene County	WNV	1	Confirmed*	8/27/12	8/27/12	
Hampton City	WNV	1	Confirmed	10/22/12	10/22/12	
Lynchburg	WNV	0	Donor-1	NA	NA	
Newport News City	WNV	1	Confirmed	8/22/12	8/22/12	Colorado-1
Norfolk City	WNV	1	Confirmed	10/17/12	10/17/12	
Portsmouth City	WNV	1	Confirmed	9/16/12	9/16/12	
Prince William County	WNV	1	Confirmed	8/1/12	8/1/12	
Roanoke City	WNV	1	Confirmed	7/18/12	7/18/12	
Rockingham County	WNV	2	Confirmed-2, Donor-1	7/13/12	9/17/12	
Spotsylvania County	WNV	1	Confirmed	7/22/12	7/22/12	North Dakota-1
Warren Couty	WNV	1	Confirmed	9/13/12	9/13/12	
Winchester City	WNV	1	Confirmed	7/22/12	7/22/12	
Total WNV Cases		30	* 1 fatality, 3 fatalities total			

La Crosse Encephalitis (LAC)

Wise County	LAC	2	Probable-2	8/14/12	9/22/12	Ohio
Total LAC Cases		2				

Eastern Equine Encephalitis (EEE)

Portsmouth City	EEE	1	Probable	7/28/12	7/28/12	
Total EEE Cases		1				

Tick-Borne Encephalitis (TBE)

Fairfax County	TBE	1	Confirmed	8/29/12	8/29/12	Czech Republic
Total TBE Cases		1				

Humans - Abovirus Cases for 2012, cont.

Location by Health Region	Arbovirus	Number of Cases	Case Status	Illness Onset Date of First Case	Illness Onset Date of Most Recent Case	Imported
Dengue Fever (DEN)						
Albemarle County	DEN	1	Probable	7/8/12	7/8/12	Haiti
Alexandria City	DEN	1	Confirmed	8/23/12	8/23/12	Haiti
Culpeper	DEN	1	Probable	10/13/12	10/13/12	Honduras
Fairfax County	DEN	6	Probable-6	1/25/12	12/18/12	Thailand-1, El Salvador-1, Jamaica-1, Bangladash, 1, Honduras-2
Madison County	DEN	1	Probable	8/23/12	8/23/12	Haiti
Manassas County	DEN	1	Probable	8/14/12	8/14/12	El Salvador
Norfolk City	DEN	1	Probable	12/7/12	12/7/12	Dominican Republic
Orange County	DEN	1	Probable	11/9/12	11/9/12	Jamaica
Rockbridge County	DEN	1	Probable	12/27/12	12/27/12	Puerto Rico
Rockingham County	DEN	1	Probable	7/7/12	7/7/12	China, India, Thailand
Virginia Beach City	DEN	2	Probable-2	7/19/12	12/2/12	Guatamala, Jamacia
Total DEN Cases		17				

Equines and Other Mammals- Arbovirus Cases in Virginia (WNV and EEE) for 2012

Location by County/City or Health District	Arbovirus	Species	Number Positive	Recovered/Recovering/ Euthanized/Died	Illness Onset Date of First Animal
Loudon County	WNV	Equine	1	Euthanized	9/11/12
Total Positives			1		

Arboviral Infections in Sentinel Chickens in Virginia for 2012; samples tested for WNV and EEE

Location by County/City or Health District	Total EEE Positive Chickens	Total EEE Positive Flocks	Date First EEE Positive Sample Collected	Date Last EEE Positive Sample Collected	Total WNV Positive Chickens	Total WNV Positive Flocks	First WNV Positive Sample Collected	Last WNV Positive Sample Collected
Chesapeake	20	10	6/18/12	10/15/12	14	5	7/9/12	9/24/12
Norfolk	1	1	9/10/12	9/10/12	4	3	7/16/12	9/24/12
Suffolk	15	10	6/18/12	10/1/12	13	6	7/16/12	9/17/12
Virginia Beach	4	4	7/9/12	7/23/12				
Total Positives	40	25			31	14		

Arboviral Infections in Mosquitoes in Virginia, 2012; pooled mosquitoes tested for WNV and/or EEE

Location by County/City or Health District	Arbovirus EEE Positive	Arbovirus WNV Positive	Mosquito Species	Collection Date for First EEE Positive Pool	Collection Date for Last EEE Positive Pool	Collection Date for First WNV Positive Pool	Collection Date for Last WNV Positive Pool
Alexandria City		22	<i>Cx. pip./res.</i>			6/26/12	10/2/12
Chesapeake City	58	6	<i>Cs. mel.</i>	6/6/12	10/16/12	6/27/12	9/18/12
Fairfax County		245	<i>Cx. pip./res.</i>			5/31/12	10/10/12
		3	<i>Cx. spp.</i>			7/4/12	9/15/12
		1	<i>Cx. err.</i>			8/23/12	8/23/12
Henrico		10	<i>Cx. pip./res.</i>			7/26/12	9/6/12
		1	<i>Ae. albo.</i>			8/10/12	8/10/12
		1	<i>Cx. sal.</i>			9/11/12	9/11/12
Prince William County		86	<i>Cx. pip./res.</i>			6/7/12	9/21/12
Suffolk	89	12	<i>Cs. mel.</i>	6/5/12	8/22/12	6/15/12	8/29/12
		7	<i>Cx. pip./res.</i>			6/13/12	9/6/12
Virginia Beach	5		<i>Cs. mel.</i>	7/9/12	7/9/12		
		6	<i>Cx. pip./res.</i>			8/13/12	10/2/12
Totals	152	400					

Cx. pip. = *Culex pipiens*

Cx. res. = *Culex restuans*

Cs. mel. = *Culiseta melanura*

Cx. err. = *Culex erraticus*

Cx. spp. = *Culex species* unspecified

Cx. pip/res. = *Culex pipiens/restuans*

Ae. albo. = *Aedes albopictus*

Cx. sal. = *Culex salinarius*

Mosquito Species