

Arbovirus Cases in Virginia for 2014

Humans- Arbovirus Cases in Virginia for 2014

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)						
Alexandria	WNV	1	Probable 1	8/19/14	8/19/14	
Arlington County	WNV	2	Confirmed 1, Probable 1	8/16/14	8/29/14	
Fredericksburg	WNV	0	WNV infected asymptomatic	8/19/14	8/19/14	
Norfolk City	WNV	1	Probable 1	9/5/14	9/5/14	
Portsmouth City	WNV	1	Probable 1	9/2/14	9/2/14	
Richmond City	WNV	1	Probable 1	8/8/14	8/8/14	
Virginia Beach City	WNV	1	Probable 1	9/20/14	9/20/14	
Total WNV Cases		7	* 1 fatality			

La Crosse Encephalitis (LAC)

Rockingham County	LAC	1	Probable 1	7/13/14	7/13/14	
Total LAC Cases		1				

Dengue Fever (DEN)

Arlington County	DEN	2	Probable 2	1/29/14	2/23/14	Virgin Islands (U.S.) 1, Haiti
Chesterfield County	DEN	1	Probable 1	11/4/14	11/4/14	Haiti 1
Clarke County	DEN	1	Probable 1	3/3/14	3/3/14	Antigua and Barbuda 1
Fairfax County	DEN	3	Probable 2, Confirmed 1	4/20/14	12/11/14	Haiti 1, Mexico 1, Sri Lanka 1
Falls Church City	DEN	1	Probable 1	7/8/14	7/8/14	Honduras 1
Fauquier County	DEN	2	Probable 2	1/29/14	1/31/14	Haiti 2
Franklin County	DEN	1	Probable 1	10/17/14	10/17/14	Tahiti 1
Lynchburg City	DEN	1	Probable 1	9/24/14	9/24/14	St. Lucia 1
Winchester City	DEN	1	Probable 1	12/22/14	12/22/14	Honduras 1
Wise County	DEN	2	Confirmed 1	10/31/14	10/31/14	Haiti 2
Total DEN Cases		15				

Chikungunya (CHIK)						
Albemarle County	CHIK	1	Probable	9/9/14	9/9/14	Grenada
Alexandria City	CHIK	3	Confirmed 1, Probable 2	8/15/14	10/17/14	British West Indies 1,
Arlington County	CHIK	4	Probable 4	1/19/14	12/17/14	Indonesia 1, El Salvador 2,
Bedford County	CHIK	1	Confirmed	6/25/14	6/25/14	Dominican Republic 1
Chesapeake City	CHIK	2	Confirmed 2	7/31/14	8/24/14	Dominican Republic 1,
Chesterfield County	CHIK	2	Confirmed 1, Probable 1	7/1/14	7/14/14	Haiti 2
Fairfax County	CHIK	16	Confirmed 6, Probable 10	4/22/14	11/19/14	Barbados 1, Dominica 1, Dominican Republic 4, El Salvador 2, Haiti 3, Puerto Rico 3, St. Lucia 1, Virgin Islands 1
Falls Church City	CHIK	1	Probable	11/5/14	11/5/14	Puerto Rico 1
Hampton City	CHIK	1	Probable	10/30/14	10/30/14	Curacao 1
Loudon County	CHIK	2	Probable 2	10/2/14	10/15/14	Jamaica 1, El Salvador 1
Montgomery County	CHIK	1	Probable	5/19/14	5/19/14	Dominican Republic 1
Norfolk City	CHIK	3	Confirmed 3	8/22/14	9/23/14	Jamaica 1, Puerto Rico 2
Nottoway County	CHIK	1	Confirmed	6/6/14	6/6/14	Dominican Republic 1
Portsmouth City	CHIK	1	Probable	8/18/14	8/18/14	St. Lucia 1
Prince George County	CHIK	1	Confirmed	10/20/14	10/20/14	Jamaica 1
Prince William County	CHIK	6	Confirmed 3, Probable 3	12/7/14	12/7/14	El Salvador 5, Venezuela 1
Richmond City	CHIK	2	Confirmed 1, Probable 1	6/21/14	9/3/14	Haiti 1, Puerto Rico 1
Roanoke City	CHIK	2	Confirmed 1, Probable 1	7/9/14	11/19/14	El Salvador 1, Haiti 1
Roanoke County	CHIK	1	Confirmed	5/22/14	5/22/14	Haiti 1
Salem City	CHIK	1	Probable	2/24/14	2/24/14	Sint Maarten 1
Spottsylvania County	CHIK	1	Probable	6/15/14	6/15/14	Dominican Republic 1
Stafford County	CHIK	1	Confirmed	7/23/14	4/23/14	Dominican Republic 1
Virginia Beach City	CHIK	2	Probable 2	7/16/14	8/24/14	Carribean (Unspecified) 1, U.S. Virgin Islands 1
Winchester City	CHIK	1	Probable	12/22/14	12/22/14	Honduras 1
Total CHIK Cases		57				

Equines and Other Animal- Arbovirus Cases in Virginia (WNV and EEE) for 2014						
Location by County/City or Health District	Arbovirus	Species	Number Positive	Recovered/Recovering/ Euthanized/Died	Illness Onset Date of First Animal	* =Cassowaries at Norfolk Zoo
Norfolk City	EEE	Captive Birds*	3	Died	7/21/14	
Suffolk City	EEE	Equine	1	Died	9/18/14	
Loudon County	WNV	Equine	1	Recovering	9/25/14	
Augusta County	WNV	Equine	1	Recovering	9/26/14	
Fairfax County	WNV	Equine	1	Recovering	10/26/14	
Total Positives			7			

Arboviral Infections in Sentinel Chickens in Virginia for 2014; samples tested for WNV

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	14	6	6/23/14	9/22/2014	10	7	7/28/14	9/29/14
Norfolk	1	1	9/22/14	9/22/14	8	5	8/11/14	10/6/14
Suffolk	15	8	6/30/14	10/6/14	13	5	7/28/14	10/6/14
Virginia Beach	10	6	6/30/14	9/22/14	NT	NT	NT	NT
Total Positives	40	21			31	17		

Arboviral Infections in Mosquitoes in Virginia, 2014; pooled mosquitoes tested for WNV

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		2	<i>Cx. pip.</i>			7/8/14	9/29/14
		24	<i>Cx. pip./res.</i>				
Chesapeake	21	2	<i>Cs. mel.</i>	6/24/14	10/28/14	7/10/14	10/9/14
	1	16	<i>Cx. pip./res.</i>				
Fairfax		217	<i>Cx. pip./res.</i>			6/19/14	10/29/14
		4	<i>Cx. sp.</i>				
Henrico		1	<i>Ae. albo.</i>			7/24/14	8/7/14
		10	<i>Cx. pip./res.</i>				
Loudon		4	<i>Cx. pip./res.</i>			7/22/14	9/2/14
Norfolk		40	<i>Cx. pip./res.</i>			7/24/14	11/4/14
Prince William County		1	<i>Ae. albo.</i>			7/1/14	10/9/14
		102	<i>Cx. pip./res.</i>				
Suffolk	185	22	<i>Cs. mel.</i>	6/17/14	9/30/14	6/28/14	10/22/14
	1		<i>Cx. err.</i>				
		2	<i>Cx. pip./res.</i>				
Virginia Beach		1	<i>Ae. albo.</i>	7/21/14	8/18/14	7/23/14	9/30/14
		33	<i>Cx. pip./res.</i>				
	4		<i>Cs. mel.</i>				
Total Positives	212	481					

Mosquito Species

Cx. pip. = *Culex pipiens*

Cx. rest. = *Culex restuans*

Cs. mel. = *Culiseta melanura*

Ae. albo. = *Aedes albopictus*

Cx. spp. = *Culex species* unspecified

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

Cx. err. = *Culex erraticus*