

# Arizona 2018 West Nile Virus Statistics

Updated 6/18/2019

Final 2018 Data

Arizona Department of Health Services- Office of Infectious Disease Services

## HUMAN CASES of West Nile virus infection identified among Arizona residents (shown by county of residence)

	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown	Total
<b>Confirmed</b>	0	0	0	0	0	0	0	11	0	0	0	1	0	0	0	0	12
<b>Probable</b>	0	0	0	0	0	0	0	13	0	0	0	2	0	0	0	0	15
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>
<b>Suspect</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Not A Case</b>	1	0	0	0	1	0	0	113	0	1	18	8	0	2	2	0	146
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>113</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>149</b>
<b>Cases Investigated:</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>137</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>11</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>176</b>

### Confirmed and Probable Cases:

#### Clinical Presentation

Asymptomatic	0
Encephalitis-including meningoencephalitis	15
Meningitis	9
Other clinical	0
Other neuroinvasive	2
Uncomplicated fever	1
Unknown or missing	0

#### Race

White	26
Black	0
Asian	0
American Indian/ Native Alaskan	0
Hawaiian/ Pacific Islander	0
Other	0
Unknown	1

#### Ethnicity

Hispanic/ Latino	6
Not Hispanic /Latino	18
Unknown	3

#### Gender

Female	10
Male	17
Unknown	0

Number of Fatalities: 6

Cases with Acute Flaccid Paralysis: 1

<b>Viremic Donors:</b> (asymptomatic do not count as confirmed or probable cases)	0
Symptomatic	0
Asymptomatic	0

#### Age in Years

Mean	62	Minimum	27
Median	67	Maximum	87

## MOSQUITO SAMPLES

The table below represents the number of mosquito pools (collections of mosquitoes) with mosquitoes testing positive for West Nile virus. Please note that mosquito data is updated less frequently than human data.

	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Total WNV Pos. Pools
<b>Culex tarsalis</b>	0	0	0	0	0	0	0	39	0	0	0	1	0	0	10	50
<b>Culex quinquefasciatus</b>	0	0	0	0	0	0	0	104	0	0	0	1	0	0	3	108
<b>Culex erythrothorax</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
<b>Other Culex species</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Aedes vexans</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Anopheles franciscanus</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Mixed/other/unknown</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total WNV Pos. Pools</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>143</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>161</b>
<b># Pools Tested</b>	0	147	69	51	0	0	0	15169	24	29	164	257	2	56	848	16,816
<b># Mosquitoes Tested</b>	0	1351	234	654	0	0	0	67939	537	870	1031	3966	41	1244	20162	98,029

## OTHER ANIMALS TESTING POSITIVE for WEST NILE VIRUS

Avian 1      Sentinel Chicken Flocks 1      Equine 4      Other Animal 0

\* Cases that remain WNV/SLE indeterminate after all tests are performed

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## HUMAN CASES of West Nile virus infection identified among Arizona residents (shown by week of onset)

**West Nile virus confirmed and probable cases by week of onset  
includes only cases reported in 2018**

\*note that one case reported in 2018 had onset in 2017 and thus does not appear below

