

# Arizona 2017 West Nile Virus Statistics

Updated 6/31/2018

2017 Final 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	32	0	1	2	5	0	0	0	0	40
<b>Probable</b>	0	0	0	0	1	0	0	61	1	0	3	4	0	0	0	0	70
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>93</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110</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	4	0	3	1	0	0	125	2	2	65	13	2	4	4	0	226
<b>Not Classified</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>125</b>	<b>2</b>	<b>2</b>	<b>65</b>	<b>13</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>226</b>
<b>Cases Investigated:</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>218</b>	<b>3</b>	<b>3</b>	<b>70</b>	<b>22</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>336</b>

### Confirmed and Probable Cases:

#### Clinical Presentation

Asymptomatic	0
Encephalitis-including meningoencephalitis	50
Meningitis	40
Other clinical	3
Other neuroinvasive	7
Uncomplicated fever	9
Unknown or missing	1

#### Race

White	90
Black	1
Asian	1
American Indian/ Native Alaskan	0
Hawaiian/ Pacific Islander	1
Other	1
Unknown	16

#### Ethnicity

Hispanic/ Latino	13
Not Hispanic /Latino	75
Unknown	22

#### Gender

Female	47
Male	63
Unknown	0

<b>Number of Fatalities:</b>	<b>6</b>
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#### Age in Years

Mean	59	Minimum	1
Median	63	Maximum	92

Cases with <b>Acute Flaccid Paralysis:</b>	<b>9</b>
<b>Viremic Donors:</b> (asymptomatic do not count as confirmed or probable cases)	<b>16</b>
Symptomatic	3
Asymptomatic	13

## MOSQUITO SAMPLES

The table below represents the number of mosquito pools (collections of mosquitoes) with mosquitoes testing positive for West Nile virus.

	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	53	0	0	0	8	0	0	98	159
<b>Culex quinquefasciatus</b>	0	0	0	0	0	0	0	163	0	0	0	4	0	0	1	168
<b>Culex erythrothorax</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
<b>Other Culex species</b>	0	1	0	0	0	0	0	5	0	0	0	0	0	0	0	6
<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>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>221</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>105</b>	<b>339</b>
<b># Pools Tested</b>	0	58	44	40	14	0	1	12977	33	33	294	407	12	97	770	14,780
<b># Mosquitoes Tested</b>	0	444	248	1296	163	0	5	64528	295	818	5063	7281	387	2278	22240	105,046

## OTHER ANIMALS TESTING POSITIVE for WEST NILE VIRUS

Avian	1	Sentinel Chicken Flocks	0	Equine	0	Other Animal	0
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\* Cases that remain WNV/SLE indeterminate after all tests are performed

# Arizona 2017 West Nile Virus Statistics

Arizona Department of Health Services- Office of Infectious Disease Services

Updated 6/18/2018  
2017 Final Data

## 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 2017

