

Arizona 2019 West Nile Virus Statistics

Updated 9/20/2019

Arizona Department of Health Services- Office of Infectious Disease Services

All data are provisional and are subject to change

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	Total
Confirmed	0	0	0	0	0	0	0	98	0	0	1	1	0	0	0	100
Probable	0	0	0	1	0	0	0	47	0	2	5	1	0	0	0	56
Total	0	0	0	1	0	0	0	145	0	2	6	2	0	0	0	156
Suspect	1	0	0	0	0	0	0	9	0	0	0	0	0	0	0	10
Not A Case	0	0	1	1	0	0	0	152	3	2	17	7	0	2	1	186
Total	1	0	2	1	0	0	0	163	3	5	18	8	0	2	1	204
Cases Investigated:	1	0	2	2	0	0	0	308	3	7	24	10	0	2	1	360

Confirmed and Probable Cases:

Clinical Presentation

Asymptomatic	0
Encephalitis-including meningoencephalitis	72
Meningitis	40
Other clinical	2
Other neuroinvasive	8
Uncomplicated fever	30
Unknown or missing	4

Race

White	131
Black	1
Asian	0
American Indian/ Native Alaskan	2
Hawaiian/ Pacific Islander	0
Other	4
Unknown	18

Ethnicity

Hispanic/ Latino	12
Not Hispanic /Latino	116
Unknown	28

Gender

Female	65
Male	91
Unknown	0

Number of Fatalities: 16

Age in Years

Mean	62	Minimum	6
Median	65	Maximum	92

Cases with Acute Flaccid Paralysis: 20

Viremic Donors: (asymptomatic do not count as confirmed or probable cases)	23
Symptomatic	9
Asymptomatic	14

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
Culex tarsalis	0	0	2	0	0	0	0	82	0	0	0	35	0	0	17	136
Culex quinquefasciatus	0	0	0	0	0	0	0	209	0	0	0	4	0	0	2	215
Culex erythrothorax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Other Culex species	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aedes vexans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anopheles franciscanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mixed/other/unknown	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
Total WNV Pos. Pools	0	0	2	0	0	0	0	292	0	0	0	39	0	0	22	355
# Pools Tested	2	3	50	0	0	0	0	6715	0	0	0	358	0	46	341	7,515
# Mosquitoes Tested	54	107	397	0	0	0	0	39251	0	0	0	10942	0	366	13286	64,403

OTHER ANIMALS TESTING POSITIVE for WEST NILE VIRUS

Avian 2 Sentinel Chicken Flocks 1 Equine 1 Other Animal 0

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West Nile virus confirmed and probable cases by week of onset includes only cases reported in 2019

