

California Arbovirus Surveillance Bulletin #11

Week 24 Friday, June 19, 2026



WEEKLY UPDATE

Humans

One asymptomatic West Nile virus (WNV) positive blood donor has been reported from San Diego County; this is the first WNV infection reported in California this year. At this time last year, no human WNV infections had been reported.

Dead Birds

A total of 14 new WNV positive dead birds were reported this week from 5 counties: Los Angeles (2), Sacramento (9), San Diego (1), Santa Clara (1), and Yolo (1). In 2026, 49 WNV positive dead birds have been reported from 10 counties. At this time last year, 17 WNV positive dead birds had been reported from 4 counties.

Mosquito Pools

West Nile virus

A total of 34 new WNV positive mosquito pools were reported this week from 9 counties: Alameda (2), Fresno (12), Imperial (1), Los Angeles (6), Madera (7), Merced (1), Riverside (1), Sacramento (3) and San Joaquin (1). **These are the first detections of WNV activity in Imperial, Madera, Merced, and San Joaquin counties, and the first WNV positive mosquito pools from Alameda County this year.** In 2026, 67 WNV positive mosquito pools have been reported from 11 counties. At this time last year, 128 WNV positive mosquito pools had been reported from 5 counties.

St. Louis encephalitis virus

A single (1) St. Louis encephalitis virus (SLEV) positive mosquito pool was reported this week from 1 county: Imperial (1). **This is the first detection of SLEV activity in Imperial County this year.** In 2026, 2 SLEV positive mosquito pools have been reported from 2 counties: Imperial (1) and Riverside (1). At this time last year, no SLEV positive mosquito pools had been reported.

Sentinel Chickens

No seroconversions have been reported in 2026.

2025 & 2026 YTD West Nile Virus Comparisons		
	2025	2026
Total No. Dead Bird Reports	4,037	3,556
No. Positive Counties	8	17
No. Human Cases	0	0
No. Positive Dead Birds / No. Tested	17 / 617	49 / 603
No. Positive Mosquito Pools / No. Tested	128 / 12,018	67 / 17,950
No. Seroconversions / No. Tested	0 / 810	0 / 1,061

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YTD WNV Activity by Element and County, 2026					
County	Humans*	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			5	2	
Fresno			1	20	
Imperial				1	
Los Angeles			8	16	
Madera				7	
Merced				1	
Orange				4	
Placer			1		
Riverside				6	
Sacramento			15	7	
San Bernardino			1	2	
San Diego			4		
San Joaquin				1	
San Luis Obispo		1			
Santa Clara			10		
Ventura			2		
Yolo			2		
Totals	0	1	49	67	0

*Asymptomatic infections are not included

TESTING SUMMARIES

		WNV	SLEV	WEEV
Human Cases	Week	0	0	0
	YTD	0	0	0

		Positive / Total Tested					
		WNV	SLEV	WEEV	CHIK	DENV	ZIKA
Dead Birds	Week	14 / 64					
	YTD	49 / 603					
Chicken Sera	Week	0 / 330	0 / 330	0 / 330			
	YTD	0 / 1,061	0 / 1,061	0 / 1,061			
Mosquito Pools	Week	34 / 1,671	1 / 1,528	0 / 1,528	0 / 40	0 / 40	0 / 40
	YTD	67 / 17,950	2 / 16,406	0 / 16,406	0 / 231	0 / 231	0 / 231

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POSITIVES

Dead Birds

County	Submitting Agency	City	Zip Code	Species	Date Reported	Virus
Los Angeles	Greater Los Angeles Co VCD - SFS	Long Beach	90815	American Crow	6/10/2026	WNV
Los Angeles	Los Angeles Co West VCD	Los Angeles	90066	American Crow	6/11/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	California Scrub-Jay	6/14/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Elk Grove	95624	American Crow	6/15/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95819	American Crow	6/14/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	American Crow	6/15/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95817	American Crow	6/15/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95829	American Crow	6/15/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95819	American Crow	6/15/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	Yellow-billed Magpie	6/17/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95819	California Scrub-Jay	6/17/2026	WNV
San Diego	San Diego Co VCP	La Mesa	91942	American Crow	6/8/2026	WNV
Santa Clara	Santa Clara Co VCD	Milpitas	95035	American Crow	6/8/2026	WNV
Yolo	Sacramento-Yolo MVCD	West Sacramento	95691	American Crow	6/16/2026	WNV

Mosquito Pools

County	Site	Pool No	Species	City	Pool Size	Trap	Collected	Virus
Alameda	ALCO 263881	37846	Cx tarsalis	Union City	45	CO2-EVS	06/09/2026	WNV
Alameda	ALCO 848936	37879	Cx pipiens	Newark	11	CO2-EVS	06/16/2026	WNV
Fresno	CNSL 1068	125	Cx quinquefasciatus	Fresno	50	GRVD	06/10/2026	WNV
Fresno	CNSL 1105	130	Cx quinquefasciatus	Clovis	27	GRVD	06/11/2026	WNV
Fresno	CNSL 2423	139	Cx quinquefasciatus	Sanger	28	GRVD	06/12/2026	WNV
Fresno	CNSL 4298	135	Cx quinquefasciatus	Fresno	26	GRVD	06/11/2026	WNV
Fresno	CNSL 8165	123	Cx quinquefasciatus	Clovis	50	GRVD	06/10/2026	WNV
Fresno	CNSL 8236	129	Cx quinquefasciatus	Clovis	50	GRVD	06/11/2026	WNV
Fresno	CNSL 8236	142	Cx quinquefasciatus	Clovis	12	GRVD	06/12/2026	WNV
Fresno	CNSL 8238	148	Cx quinquefasciatus	Clovis	21	GRVD	06/12/2026	WNV
Fresno	CNSL 9103	119	Cx quinquefasciatus	Fresno	14	GRVD	06/10/2026	WNV
Fresno	CNSL 9115	128	Cx quinquefasciatus	Clovis	50	GRVD	06/11/2026	WNV
Fresno	CNSL 9196	122	Cx quinquefasciatus	Clovis	17	GRVD	06/10/2026	WNV
Fresno	CNSL 9221	140	Cx quinquefasciatus	Clovis	44	GRVD	06/12/2026	WNV
Imperial	IMPR 103	73	Cx tarsalis	Winterhaven	50	CO2	06/11/2026	SLEV
Imperial	IMPR 113	72	Cx tarsalis	Palo Verde	19	CO2	06/11/2026	WNV
Los Angeles	GRLA 2032	5426	Cx quinquefasciatus	Northridge	50	GRVD	06/11/2026	WNV
Los Angeles	GRLA 2325	386	Cx quinquefasciatus	Boyle Heights	50	GRVD	06/09/2026	WNV
Los Angeles	GRLA 2512	5413	Cx quinquefasciatus	Atwater Village	44	GRVD	06/10/2026	WNV
Los Angeles	GRLA 3059	393	Cx quinquefasciatus	Paramount	50	GRVD	06/10/2026	WNV
Los Angeles	GRLA 3071	387	Cx quinquefasciatus	East Los Angeles	38	GRVD	06/09/2026	WNV
Los Angeles	GRLA 3076	5407	Cx quinquefasciatus	Valley Glen	50	GRVD	06/09/2026	WNV
Madera	MADR 12600	100	Cx tarsalis	Bonadelle Ranchos-Madera Ranchos	50	CO2	06/16/2026	WNV
Madera	MADR 12622	42	Cx tarsalis	Biola	8	CO2	06/11/2026	WNV
Madera	MADR 12635	98	Cx quinquefasciatus	Bonadelle Ranchos-Madera Ranchos	50	CO2	06/16/2026	WNV
Madera	MADR 12635	99	Cx tarsalis	Bonadelle Ranchos-Madera Ranchos	50	CO2	06/16/2026	WNV
Madera	MADR 12650	106	Cx quinquefasciatus	Fresno	50	CO2	06/16/2026	WNV

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Madera	MADR 12662	94	Cx tarsalis	Fresno	37	CO2	06/16/2026	WNV
Madera	MADR 750	67	Cx quinquefasciatus	Firebaugh	50	CO2	06/12/2026	WNV
Merced	TRLK 2656	39	Cx tarsalis	Newman	24	CO2	06/16/2026	WNV
Riverside	COAV 17	3282	Cx tarsalis	Mecca	28	CO2	06/16/2026	WNV
Sacramento	SAYO 213055	1167	Cx stigmatosoma	Sacramento	5	GRVD	06/16/2026	WNV
Sacramento	SAYO 232038	1120	Cx pipiens	Sacramento	11	GRVD	06/16/2026	WNV
Sacramento	SAYO 443313	1335	Cx pipiens	Mather	12	BGSENT	06/18/2026	WNV
San Joaquin	SJCM 8025	442	Cx tarsalis	Stockton	50	CO2	06/16/2026	WNV

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TEST PROTOCOLS

Humans:

Specimens are tested by local laboratories with an IgM or IgG immunofluorescent assay (IFA) and/or an IgM enzyme immunoassay (EIA). Specimens with inconclusive results are forwarded to the California Department of Public Health Viral and Rickettsial Disease Laboratory (VRDL) for further testing with a plaque reduction neutralization test (PRNT).

Dead Birds

Oral swab samples collected from bird carcasses are tested at the UC Davis Arbovirus Research and Training laboratory (DART) or at a local agency for West Nile virus by RT-qPCR.

Sentinel Chickens:

Dried blood spot samples from sentinel chickens are tested at the California Department of Public Health Vector-Borne Disease Laboratory for IgG antibodies to West Nile, St. Louis encephalitis, and western equine encephalomyelitis viruses by an EIA. Positive samples are confirmed by IFA, western-blot, or PRNT.

Mosquito Pools:

Mosquito pools are tested at DART or at a local agency for West Nile, western equine encephalomyelitis, and St. Louis encephalitis viral RNA using a multiplex RT-qPCR. Invasive *Aedes* mosquitoes (*Ae. aegypti* and *Ae. albopictus*) are also tested at DART for chikungunya, dengue, and Zika viral RNA by a separate RT-qPCR.

Website Information: For updated information on WNV in California, please visit the California WNV website, <https://westnile.ca.gov>, or the California Vector-Borne Disease Surveillance System website, <https://maps.vectorsurv.org>.

Prepared by the Vector-Borne Disease Section (Infectious Diseases Branch), California Department of Public Health, 850 Marina Bay Parkway, Richmond, CA 94804. Questions concerning this bulletin should be addressed to Hannah Romo: Hannah.romo@cdph.ca.gov