

California Arbovirus Surveillance Bulletin #12

Week 25 Friday, June 26, 2026



WEEKLY UPDATE

Humans

One human case of West Nile virus (WNV) disease was reported this week from one county: Los Angeles. **This is the first human case of WNV disease reported in California this year.** In 2026, one human case of WNV disease has been reported from one county. In addition to the human case, one asymptomatic infection has been reported from one county: San Diego. At this time last year, no human cases of WNV had been reported.

Dead Birds

A total of 40 new WNV positive dead birds were reported this week from 7 counties: Alameda (4), Los Angeles (4), Madera (2), Sacramento (7), San Diego (8), San Mateo (1), and Santa Clara (14). **This is the first detection of WNV activity in San Mateo County this year.** In 2026, 89 WNV positive dead birds have been reported from 11 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 68 new WNV positive mosquito pools were reported from 11 counties: Alameda (1), Contra Costa (1), Fresno (4), Kern (1), Los Angeles (4), Madera (31), Orange (5), Sacramento (8), San Joaquin (3), Stanislaus (5) and Tulare (5). **These are the first detections of WNV activity in Contra Costa, Kern, and Tulare counties this year.** In 2026, 135 WNV positive mosquito pools have been reported from 14 counties. At this time last year, 199 WNV positive mosquito pools had been reported from 10 counties.

St. Louis encephalitis virus

There were no St. Louis encephalitis virus (SLEV) positive mosquito pools reported this week. In 2026, 2 SLEV positive mosquito pools have been reported from 2 counties: Imperial (1) and Riverside (1). At this time last year, a single (1) SLEV positive mosquito pool had been reported from 1 county.

Sentinel Chickens

No seroconversions have been reported in 2026.

2025 & 2026 YTD West Nile Virus Comparisons		
	2025	2026
Total No. Dead Bird Reports	4,224	3,835
No. Positive Counties	13	21
No. Human Cases	0	1
No. Positive Dead Birds / No. Tested	17 / 697	89 / 749
No. Positive Mosquito Pools / No. Tested	199 / 13,897	135 / 20,037
No. Seroconversions / No. Tested	0 / 979	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			9	3	
Contra Costa				1	
Fresno			1	24	
Imperial				1	
Kern				1	
Los Angeles	1		12	20	
Madera			2	38	
Orange				9	
Placer			1		
Riverside				6	
Sacramento			22	15	
San Bernardino			1	2	
San Diego			12		
San Joaquin				4	
San Luis Obispo		1			
San Mateo			1		
Santa Clara			24		
Stanislaus				6	
Tulare				5	
Ventura			2		
Yolo			2		
Totals	1	1	89	135	0

*Asymptomatic infections are not included

TESTING SUMMARIES

		WNV	SLEV	WEEV
Human Cases	Week	1	0	0
	YTD	1	0	0

		Positive / Total Tested					
		WNV	SLEV	WEEV	CHIK	DENV	ZIKA
Dead Birds	Week	40 / 146					
	YTD	89 / 749					
Chicken Sera	Week	0 / 150	0 / 150	0 / 150			
	YTD	0 / 1,123	0 / 1,123	0 / 1,123			

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Mosquito Pools	Week	68 / 1,800	0 / 1,602	0 / 1,602	0 / 30	0 / 30	0 / 30
	YTD	135 / 20,037	2 / 18,161	0 / 18,162	0 / 265	0 / 265	0 / 265

POSITIVES

Dead Birds

County	Submitting Agency	City	Zip Code	Species	Date Reported	Virus
Alameda	Alameda Co MAD	Newark	94560	American Crow	6/18/2026	WNV
Alameda	Alameda Co MAD	Newark	94560	American Crow	6/18/2026	WNV
Alameda	Alameda Co MAD	Fremont	94555	American Crow	6/19/2026	WNV
Alameda	Alameda Co MAD	Newark	94560	American Crow	6/24/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - Sylmar	Burbank	91504	American Crow	6/16/2026	WNV
Los Angeles	Greater Los Angeles Co VCD – SFS	Cerritos	90703	Unknown - Crow or Raven	6/17/2026	WNV
Los Angeles	Greater Los Angeles Co VCD – SFS	Long Beach	90808	American Crow	6/17/2026	WNV
Los Angeles	Los Angeles Co West VCD	Los Angeles	90066	American Crow	6/18/2026	WNV
Madera	Madera Co MVCD	Madera	93638	American Crow	6/25/2026	WNV
Madera	Madera Co MVCD	Madera	93637	American Crow	6/26/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	Cooper's Hawk	6/22/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95816	American Crow	6/22/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	American Crow	6/22/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	California Scrub-Jay	6/23/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Rancho Cordova	95670	American Crow	6/24/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95819	American Crow	6/24/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95826	California Scrub-Jay	6/24/2026	WNV
San Diego	San Diego Co VCP	Chula Vista	91913	American Crow	6/15/2026	WNV
San Diego	San Diego Co VCP	chula vista	91913	American Crow	6/16/2026	WNV
San Diego	San Diego Co VCP	La Mesa	91942	American Crow	6/18/2026	WNV
San Diego	San Diego Co VCP	San Diego	92119	American Crow	6/18/2026	WNV
San Diego	San Diego Co VCP	San Diego	92124	American Crow	6/18/2026	WNV
San Diego	San Diego Co VCP	San Diego	92103	American Crow	6/22/2026	WNV
San Diego	San Diego Co VCP	La Mesa	91941	American Crow	6/22/2026	WNV
San Diego	San Diego Co VCP	San Diego	92114	American Crow	6/22/2026	WNV
San Mateo	San Mateo Co MVCD	Menlo Park	94025	American Crow	6/19/2026	WNV
Santa Clara	Santa Clara Co VCD	San Jose	95126	American Crow	6/15/2026	WNV
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	6/15/2026	WNV
Santa Clara	Santa Clara Co VCD	Sunnyvale	94086	American Crow	6/16/2026	WNV
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	6/16/2026	WNV
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	6/16/2026	WNV
Santa Clara	Santa Clara Co VCD	Campbell	95008	American Crow	6/16/2026	WNV
Santa Clara	Santa Clara Co VCD	Santa Clara	95054	Unknown - songbird	6/16/2026	WNV
Santa Clara	Santa Clara Co VCD	San Jose	95129	Unknown - Crow or Raven	6/17/2026	WNV
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	6/18/2026	WNV
Santa Clara	Santa Clara Co VCD	Palo Alto	94306	American Crow	6/19/2026	WNV
Santa Clara	Santa Clara Co VCD	Palo Alto	94303	American Crow	6/22/2026	WNV
Santa Clara	Santa Clara Co VCD	Campbell	95008	American Crow	6/23/2026	WNV
Santa Clara	Santa Clara Co VCD	Palo Alto	94303	American Crow	6/23/2026	WNV
Santa Clara	Santa Clara Co VCD	Mountain View	94040	American Crow	6/23/2026	WNV

Mosquito Pools

County	Site	Pool No	Species	City	Pool Size	Trap	Collected	Virus
Alameda	ALCO 855625	37761	Cx pipiens	Newark	13	CO2-EVS	06/10/2026	WNV
Contra Costa	CNTR 2202	927	Cx tarsalis	Martinez	15	CO2	06/23/2026	WNV
Fresno	CNSL 1105	146	Cx quinquefasciatus	Clovis	31	GRVD	06/16/2026	WNV
Fresno	CNSL 1335	180	Cx quinquefasciatus	Fresno	15	GRVD	06/19/2026	WNV

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Fresno	CNSL 3530	170	Cx quinquefasciatus	Parlier	22	GRVD	06/18/2026	WNV
Fresno	CNSL 8216	155	Cx quinquefasciatus	Fresno	30	GRVD	06/16/2026	WNV
Kern	KERN 15	167	Cx tarsalis	Bakersfield	35	CO2	06/16/2026	WNV
Los Angeles	GRLA 2321	412	Cx quinquefasciatus	Carson	50	GRVD	06/16/2026	WNV
Los Angeles	GRLA 3032	413	Cx quinquefasciatus	Carson	50	GRVD	06/16/2026	WNV
Los Angeles	LACW 1121	1212	Cx tarsalis	Torrance	50	CO2	06/16/2026	WNV
Los Angeles	SGVA 961	242	Cx quinquefasciatus	Alhambra	50	GRVD	06/23/2026	WNV
Madera	MADR 1097	154	Cx tarsalis	Madera	50	CO2	06/23/2026	WNV
Madera	MADR 1097	155	Cx quinquefasciatus	Madera	50	CO2	06/23/2026	WNV
Madera	MADR 1153	267	Cx tarsalis	Madera	33	CO2	06/26/2026	WNV
Madera	MADR 1155	225	Cx quinquefasciatus	Firebaugh	50	CO2	06/24/2026	WNV
Madera	MADR 1157	144	Cx quinquefasciatus	Madera	30	CO2	06/23/2026	WNV
Madera	MADR 12354	196	Cx quinquefasciatus	Madera	50	CO2	06/24/2026	WNV
Madera	MADR 12362	152	Cx tarsalis	Madera	50	CO2	06/23/2026	WNV
Madera	MADR 12362	153	Cx quinquefasciatus	Madera	50	CO2	06/23/2026	WNV
Madera	MADR 12382	262	Cx quinquefasciatus	Madera	50	CO2	06/25/2026	WNV
Madera	MADR 12401	247	Cx tarsalis	Madera	50	CO2	06/25/2026	WNV
Madera	MADR 12415	261	Cx tarsalis	Madera Acres	50	CO2	06/25/2026	WNV
Madera	MADR 12416	269	Cx tarsalis	Madera Acres	7	CO2	06/26/2026	WNV
Madera	MADR 12608	209	Cx quinquefasciatus	Madera	50	CO2	06/24/2026	WNV
Madera	MADR 12611	185	Cx quinquefasciatus	Madera	50	CO2	06/24/2026	WNV
Madera	MADR 12614	268	Cx tarsalis	Madera Acres	16	CO2	06/26/2026	WNV
Madera	MADR 12619	140	Cx tarsalis	Parkwood	50	CO2	06/23/2026	WNV
Madera	MADR 12620	165	Cx tarsalis	Parkwood	50	CO2	06/23/2026	WNV
Madera	MADR 12628	168	Cx quinquefasciatus	Fresno	14	CO2	06/23/2026	WNV
Madera	MADR 12632	235	Cx quinquefasciatus	Mendota	50	CO2	06/24/2026	WNV
Madera	MADR 12650	133	Cx tarsalis	Fresno	50	CO2	06/23/2026	WNV
Madera	MADR 12673	279	Cx tarsalis	Fairmead	15	CO2	06/26/2026	WNV
Madera	MADR 204	239	Cx quinquefasciatus	Madera	16	CO2	06/25/2026	WNV
Madera	MADR 276	205	Cx quinquefasciatus	Madera	40	CO2	06/24/2026	WNV
Madera	MADR 309	241	Cx tarsalis	Madera	50	CO2	06/25/2026	WNV
Madera	MADR 348	178	Cx quinquefasciatus	Madera	50	CO2	06/23/2026	WNV
Madera	MADR 358	227	Cx quinquefasciatus	Firebaugh	50	CO2	06/24/2026	WNV
Madera	MADR 581	213	Cx quinquefasciatus	Madera	50	CO2	06/24/2026	WNV
Madera	MADR 688	186	Cx quinquefasciatus	Madera	46	CO2	06/24/2026	WNV
Madera	MADR 706	242	Cx tarsalis	Madera	31	CO2	06/25/2026	WNV
Madera	MADR 768	150	Cx quinquefasciatus	Madera	40	CO2	06/23/2026	WNV
Madera	MADR 768	151	Cx tarsalis	Madera	50	CO2	06/23/2026	WNV
Orange	ORCO 312	1242	Cx erythrothorax	Huntington Beach	50	CO2	06/11/2026	WNV
Orange	ORCO 317	1315	Cx quinquefasciatus	Fullerton	36	BGSENT	06/16/2026	WNV
Orange	ORCO 323	1131	Cx quinquefasciatus	Buena Park	31	GRVD	06/09/2026	WNV
Orange	ORCO 334	1271	Cx quinquefasciatus	Cypress	41	GRVD	06/16/2026	WNV
Orange	ORCO 358	955	Cx quinquefasciatus	Newport Beach	24	GRVD	05/28/2026	WNV
Sacramento	SAYO 213024	1473	Cx pipiens	Carmichael	4	GRVD	06/23/2026	WNV
Sacramento	SAYO 213039	1401	Cx stigmatosoma	Carmichael	5	GRVD	06/23/2026	WNV
Sacramento	SAYO 213045	1381	Cx pipiens	Carmichael	43	GRVD	06/23/2026	WNV
Sacramento	SAYO 213055	1503	Cx stigmatosoma	Sacramento, Ca	10	GRVD	06/23/2026	WNV
Sacramento	SAYO 223044	1441	Cx stigmatosoma	Sacramento	8	GRVD	06/23/2026	WNV
Sacramento	SAYO 233061	1615	Cx stigmatosoma	Sacramento	9	GRVD	06/25/2026	WNV
Sacramento	SAYO 243026	1565	Cx pipiens	Elk Grove	50	CO2	06/25/2026	WNV
Sacramento	SAYO 244	1393	Cx stigmatosoma	Sacramento	4	GRVD	06/23/2026	WNV
San Joaquin	SJCM 8018	559	Cx tarsalis	Stockton	50	CO2	06/23/2026	WNV
San Joaquin	SJCM 8076	508	Cx tarsalis	Stockton	50	CO2	06/23/2026	WNV
San Joaquin	SJCM 8210	572	Cx tarsalis	Escalon	19	CO2	06/23/2026	WNV
Stanislaus	TRLK 1214	82	Cx pipiens	Turlock	18	CO2	06/23/2026	WNV

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Stanislaus	TRLK 18181	103	Cx pipiens	Hickman	6	CO2	06/23/2026	WNV
Stanislaus	TRLK 613	108	Cx tarsalis	Hickman	50	CO2	06/23/2026	WNV
Stanislaus	TRLK 613	109	Cx tarsalis	Hickman	50	CO2	06/23/2026	WNV
Stanislaus	TRLK 613	110	Cx tarsalis	Hickman	43	CO2	06/23/2026	WNV
Tulare	DLNO 96	68	Cx quinquefasciatus	Earlimart	50	CO2	06/17/2026	WNV
Tulare	DLNO 96	71	Cx tarsalis	Earlimart	50	CO2	06/17/2026	WNV
Tulare	DLTA 509512	2859	Cx stigmatosoma	Dinuba	18	GRVD	06/24/2026	WNV
Tulare	DLTA 509760	2816	Cx stigmatosoma	Dinuba	50	CO2	06/23/2026	WNV
Tulare	DLTA 509944	2846	Cx quinquefasciatus	Visalia Uab	50	GRVD	06/24/2026	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