

California Arbovirus Surveillance Bulletin #18

Week 33 Friday, August 15, 2025



WEEKLY UPDATE

Humans

West Nile virus

A total of 5 new human cases of West Nile virus (WNV) disease were reported this week from 4 counties: Fresno (1), Kings (1), Tulare (2), and Tuolumne (1). **These are the first human cases of WNV disease reported from Fresno and Tuolumne counties this year.** In 2025, 14 human cases of WNV disease have been reported from 6 counties. Of the 14 cases, 12 (86%) had neuroinvasive disease and 1 (7%) was fatal. The median age of the case-patients was 74 years and 9 (64%) of the case patients were male. The dates of symptom onset ranged from June 6 to July 31. In addition to the 14 cases of WNV disease, 1 asymptomatic WNV-positive blood donor has been reported from 1 county: Fresno (1). At this time last year, 13 human cases of WNV disease had been reported from 8 counties.

Dengue virus

No locally acquired dengue infections have been reported in 2025. Travel associated dengue cases are indicated in the CDPH Weekly Update on Number of Dengue Infections:

<https://westnile.ca.gov/pdfs/WeeklyUpdateDengueInfectionsCA.pdf>

Dead Birds

A total of 19 new WNV positive dead birds were reported this week from 8 counties: Contra Costa (1), Fresno (2), Placer (3), Sacramento (4), San Joaquin (2), Santa Clara (5), Solano (1), and Tulare (1). **This is the first WNV positive dead bird from Solano County this year.** In 2025, a total of 95 WNV positive dead birds have been reported from 14 counties. At this time last year, 254 WNV positive dead birds had been reported from 17 counties.

Mosquito Pools

West Nile virus

A total of 297 new WNV positive mosquito pools were reported from 17 counties: Butte (5), Fresno (13), Kern (13), Kings (25), Los Angeles (11), Madera (41), Merced (5), Placer (14), Riverside (4), Sacramento (4), San Diego (11), San Joaquin (12), Solano (4), Stanislaus (27), Sutter (4), Tulare (94), and Yolo (10). In 2025, a total of 1,459 WNV positive mosquito pools have been reported from 25 counties. At this time last year, 1,042 WNV positive mosquito pools had been reported from 25 counties.

St. Louis encephalitis virus

A total of 14 new St. Louis encephalitis virus (SLEV) positive mosquito pools were reported from 1 county: Riverside (14). In 2025, 44 SLEV positive mosquito pools have been reported from 3 counties: Fresno (1), Imperial (7), and Riverside (36). At this time last year, 13 SLEV positive mosquito pools had been reported from 3 counties.

Sentinel Chickens

A total of 10 new WNV positive sentinel chickens were reported this week from 3 counties: Butte (6), Lake (3), and Yuba (1). **This is the first detection of WNV activity in Lake County and the first WNV positive sentinel chickens in Yuba County this year.** In 2025, 17 WNV positive sentinel chickens have been reported from 5 counties. At this time last year, 49 WNV positive chickens had been reported from 8 counties.

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2024 & 2025 YTD West Nile Virus Comparisons		
	2024	2025
Total No. Dead Bird Reports	4,339	5,802
No. Positive Counties	28	29
No. Human Cases	13	14
No. Positive Dead Birds / No. Tested	254 / 1,229	95 / 1,211
No. Positive Mosquito Pools / No. Tested	1,042 / 29,866	1,459 / 30,469
No. Seroconversions / No. Tested	49 / 2,729	17 / 2,330

YTD WNV Activity by Element and County, 2025					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			5		
Butte				11	8
Colusa				1	
Contra Costa			2	1	
Fresno	1		8	55	
Imperial				1	
Inyo				1	
Kern	1		1	76	
Kings	3			52	
Lake					3
Los Angeles			1	36	
Madera				148	
Merced				16	
Orange			2	52	
Placer			5	94	
Riverside				5	
Sacramento			18	28	
San Bernardino				1	
San Diego			16	95	
San Joaquin			5	59	
Santa Clara			23		
Shasta				1	
Solano			1	6	
Stanislaus	1		1	94	
Sutter				7	1
Tulare	7		7	598	4
Tuolumne	1				
Yolo				17	
Yuba				4	1
Totals	14		95	1,459	17

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TESTING SUMMARIES

		WNV	SLEV	WEEV
Human Cases	Week	5	0	0
	YTD	14	0	0

Positive / Total Tested					
WNV	SLEV	WEEV	CHIK	DENV	ZIKA

Dead Birds	Week	19 / 89
	YTD	95 / 1,211

Chicken Sera	Week	10 / 220	0 / 220	0 / 220
	YTD	17 / 2,330	0 / 2,330	0 / 2,330

Mosquito Pools	Week	297 / 1,680	14 / 1,680	0 / 1,680	0 / 15	0 / 15	0 / 15
	YTD	1,459 / 30,469	44 / 28,347	0 / 28,352	0 / 197	0 / 197	0 / 197

POSITIVES

Dead Birds

County	Submitting Agency	City	Zip Code	Species	Date Reported	Virus
Contra Costa	Contra Costa MVCD	Walnut Creek	94595	American Crow	8/8/2025	WNV
Fresno	Fresno MVCD	Fresno	93711	Unknown - songbird	7/29/2025	WNV
Fresno	Fresno MVCD	Fresno	93704	Sparrow	8/12/2025	WNV
Placer	Placer MVCD	Lincoln	95648	Purple Finch	8/11/2025	WNV
Placer	Placer MVCD	Roseville	95747	House Finch	8/13/2025	WNV
Placer	Placer MVCD	Roseville	95747	House Finch	8/13/2025	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	Northern Mockingbird	8/5/2025	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	Yellow-billed Magpie	8/11/2025	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	Yellow-billed Magpie	8/11/2025	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	Yellow-billed Magpie	8/12/2025	WNV
San Joaquin	San Joaquin Co MVCD	Manteca	95336	House Finch	8/5/2025	WNV
San Joaquin	San Joaquin Co MVCD	Stockton	95203	Sparrow	8/8/2025	WNV
Santa Clara	Santa Clara Co VCD	Morgan Hill	95037	American Crow	8/5/2025	WNV
Santa Clara	Santa Clara Co VCD	Campbell	95008	American Crow	8/5/2025	WNV
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/6/2025	WNV
Santa Clara	Santa Clara Co VCD	San Jose	95123	Unknown - Crow or Raven	8/7/2025	WNV
Santa Clara	Santa Clara Co VCD	Palo Alto	94301	Sparrow	8/8/2025	WNV
Solano	Solano Co MAD	Benicia	94510	American Crow	8/14/2025	WNV
Tulare	Delta MVCD	Visalia	93277	American Crow	8/3/2025	WNV

Mosquito Pools

County	Site	Pool No	Species	City	Pool Size	Trap	Collected	Virus
Butte	BUCO 123	317	Cx tarsalis	Oroville	50	CO2	8/4/2025	WNV
Butte	BUCO 123	318	Cx tarsalis	Oroville	50	CO2	8/5/2025	WNV
Butte	BUCO 123	319	Cx tarsalis	Oroville	50	CO2	8/5/2025	WNV
Butte	BUCO 49	307	Cx tarsalis	Biggs	50	CO2	8/4/2025	WNV
Butte	BUCO 49	308	Cx tarsalis	Biggs	50	CO2	8/4/2025	WNV

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Fresno	CNSL 1573	282	Cx quinquefasciatus	Clovis	36	GRVD	8/7/2025	WNV
Fresno	CNSL 1744	288	Cx quinquefasciatus	Fresno	38	GRVD	8/8/2025	WNV
Fresno	CNSL 1908	290	Cx quinquefasciatus	Clovis	35	GRVD	8/8/2025	WNV
Fresno	CNSL 3546	284	Cx quinquefasciatus	Reedley	19	GRVD	8/7/2025	WNV
Fresno	CNSL 6166	272	Cx quinquefasciatus	Laton	50	GRVD	8/6/2025	WNV
Fresno	CNSL 6229	270	Cx quinquefasciatus	Laton	49	GRVD	8/6/2025	WNV
Fresno	CNSL 6350	271	Cx tarsalis	Laton	50	CO2	8/6/2025	WNV
Fresno	CNSL 8033	276	Cx quinquefasciatus	Fresno	30	GRVD	8/7/2025	WNV
Fresno	CNSL 8163	279	Cx quinquefasciatus	Fresno	45	GRVD	8/7/2025	WNV
Fresno	FRNO 8	285	Cx tarsalis	Fresno	50	BGSENT	8/5/2025	WNV
Fresno	FRNO 8	286	Cx quinquefasciatus	Fresno	50	BGSENT	8/5/2025	WNV
Fresno	FRWS 100007	173	Cx pipiens	Firebaugh, Ca	16	GRVD	8/12/2025	WNV
Fresno	FRWS 5116	175	Cx tarsalis	Tranquility	38	CO2	8/12/2025	WNV
Kern	KERN 1114	313	Cx quinquefasciatus	Bakersfield	50	CO2	8/5/2025	WNV
Kern	KERN 1137	325	Cx tarsalis	Bakersfield	50	CO2	8/6/2025	WNV
Kern	KERN 2021	320	Cx quinquefasciatus	Wasco	21	GRVD	8/5/2025	WNV
Kern	KERN 28	330	Cx quinquefasciatus	Bakersfield	31	CO2	8/7/2025	WNV
Kern	KERN 3014	329	Cx tarsalis	Bakersfield	50	CO2	8/7/2025	WNV
Kern	KERN 3031	328	Cx tarsalis	Shafter	50	CO2	8/7/2025	WNV
Kern	KERN 33	316	Cx quinquefasciatus	Arvin	50	CO2	8/5/2025	WNV
Kern	KERN 36	326	Cx tarsalis	Bakersfield	50	CO2	8/5/2025	WNV
Kern	KERN 7	327	Cx tarsalis	Famoso	50	CO2	8/7/2025	WNV
Kern	WEST 6203	54	Cx tarsalis	Taft	10	CO2	8/13/2025	WNV
Kern	WEST 6208	59	Cx tarsalis	Bakersfield	50	CO2	8/13/2025	WNV
Kern	WEST 6208	60	Cx tarsalis	Bakersfield	50	CO2	8/13/2025	WNV
Kern	WEST 6296	63	Cx tarsalis	Bakersfield	50	CO2	8/13/2025	WNV
Kings	KNGS 3018	216	Cx tarsalis	Lemoore	50	CO2	8/6/2025	WNV
Kings	KNGS 3018	218	Cx tarsalis	Lemoore	50	CO2	8/6/2025	WNV
Kings	KNGS 3018	220	Cx tarsalis	Lemoore	50	CO2	8/6/2025	WNV
Kings	KNGS 3059	223	Cx tarsalis	Hanford	50	CO2	8/7/2025	WNV
Kings	KNGS 3072	235	Cx tarsalis	Hanford	30	CO2	8/8/2025	WNV
Kings	KNGS 3072	236	Cx pipiens	Hanford	46	CO2	8/8/2025	WNV
Kings	KNGS 3083	227	Cx tarsalis	Lemoore	50	CO2	8/7/2025	WNV
Kings	KNGS 3083	228	Cx tarsalis	Lemoore	50	CO2	8/7/2025	WNV
Kings	KNGS 3083	229	Cx tarsalis	Lemoore	50	CO2	8/7/2025	WNV
Kings	KNGS 3083	230	Cx tarsalis	Lemoore	50	CO2	8/7/2025	WNV
Kings	KNGS 3083	231	Cx tarsalis	Lemoore	50	CO2	8/7/2025	WNV
Kings	KNGS 3083	232	Cx pipiens	Lemoore	50	CO2	8/7/2025	WNV
Kings	KNGS 3099	207	Cx tarsalis	Hanford	50	CO2	8/6/2025	WNV
Kings	KNGS 3099	208	Cx tarsalis	Hanford	33	CO2	8/6/2025	WNV
Kings	KNGS 3099	209	Cx pipiens	Hanford	10	CO2	8/6/2025	WNV
Kings	KNGS 3100	226	Cx tarsalis	Hanford	28	CO2	8/7/2025	WNV
Kings	KNGS 3126	211	Cx tarsalis	Corcoran	50	CO2	8/6/2025	WNV
Kings	KNGS 3135	237	Cx tarsalis	Hanford	50	CO2	8/8/2025	WNV
Kings	KNGS 3135	238	Cx tarsalis	Hanford	50	CO2	8/8/2025	WNV
Kings	KNGS 3135	239	Cx tarsalis	Hanford	50	CO2	8/8/2025	WNV
Kings	KNGS 3135	240	Cx pipiens	Hanford	50	CO2	8/8/2025	WNV
Kings	KNGS 8022	203	Cx tarsalis	Lemoore	50	CO2	8/5/2025	WNV
Kings	KNGS 8022	204	Cx tarsalis	Lemoore	50	CO2	8/5/2025	WNV
Kings	KNGS 8022	205	Cx tarsalis	Lemoore	50	CO2	8/5/2025	WNV
Kings	KNGS 8022	206	Cx pipiens	Lemoore	30	CO2	8/5/2025	WNV
Los Angeles	GRLA 2414	5665	Cx quinquefasciatus	Granada Hills	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2419	5662	Cx quinquefasciatus	Panorama City	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2421	5663	Cx quinquefasciatus	Panorama City	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2574	5657	Cx quinquefasciatus	Sherman Oaks	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2580	5656	Cx quinquefasciatus	Sherman Oaks	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2637	5661	Cx quinquefasciatus	Van Nuys	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2650	5660	Cx quinquefasciatus	Van Nuys	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2655	5659	Cx quinquefasciatus	Lake Balboa	50	GRVD	8/8/2025	WNV
Los Angeles	GRLA 2936	5647	Cx quinquefasciatus	Burbank	50	GRVD	8/6/2025	WNV
Los Angeles	GRLA 3034	5664	Cx quinquefasciatus	North Hills	50	GRVD	8/8/2025	WNV
Los Angeles	LACW 1082	1108	Cx tarsalis	Torrance	40	CO2	8/7/2025	WNV
Madera	MADR 1012	587	Cx tarsalis	Madera County	50	CO2	8/13/2025	WNV
Madera	MADR 1157	538	Cx tarsalis	Madera	10	CO2	8/8/2025	WNV
Madera	MADR 1164	511	Cx tarsalis	Chowchilla	50	CO2	8/7/2025	WNV
Madera	MADR 12345	557	Cx tarsalis	Madera	29	CO2	8/12/2025	WNV
Madera	MADR 12349	548	Cx tarsalis	Madera	43	CO2	8/8/2025	WNV
Madera	MADR 123497	568	Cx tarsalis	Ca	50	CO2	8/12/2025	WNV

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Madera	MADR 12358	589	Cx tarsalis	Madera	38	CO2	8/13/2025	WNV
Madera	MADR 12360	585	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 12364	578	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 12382	534	Cx tarsalis	Madera	50	CO2	8/8/2025	WNV
Madera	MADR 12388	506	Cx tarsalis	Madera	15	CO2	8/7/2025	WNV
Madera	MADR 12410	551	Cx tarsalis	Parkwood	50	CO2	8/8/2025	WNV
Madera	MADR 12415	552	Cx tarsalis	Madera Acres	42	CO2	8/8/2025	WNV
Madera	MADR 12557	563	Cx tarsalis	Fresno	23	CO2	8/12/2025	WNV
Madera	MADR 12600	564	Cx tarsalis	Bonadelle Ranchos	40	CO2	8/12/2025	WNV
Madera	MADR 12610	581	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 12611	571	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 12619	544	Cx tarsalis	Parkwood	16	CO2	8/8/2025	WNV
Madera	MADR 12627	558	Cx tarsalis	Rolling Hills	50	CO2	8/12/2025	WNV
Madera	MADR 12633	512	Cx tarsalis	Madera	50	CO2	8/7/2025	WNV
Madera	MADR 12635	567	Cx tarsalis	Bonadelle Ranchos	50	CO2	8/12/2025	WNV
Madera	MADR 12650	576	Cx tarsalis	Fresno	37	CO2	8/13/2025	WNV
Madera	MADR 15	522	Cx tarsalis	Madera	50	CO2	8/7/2025	WNV
Madera	MADR 198	550	Cx tarsalis	Madera	50	CO2	8/8/2025	WNV
Madera	MADR 208	515	Cx tarsalis	Madera	34	CO2	8/7/2025	WNV
Madera	MADR 227	580	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 232	554	Cx tarsalis	Chowchilla	50	CO2	8/8/2025	WNV
Madera	MADR 259	570	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 276	575	Cx tarsalis	Madera	29	CO2	8/13/2025	WNV
Madera	MADR 309	509	Cx tarsalis	Madera	21	CO2	8/7/2025	WNV
Madera	MADR 3334	582	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 358	586	Cx tarsalis	Firebaugh	50	CO2	8/13/2025	WNV
Madera	MADR 581	573	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 634	590	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 704	518	Cx tarsalis	Madera	50	CO2	8/7/2025	WNV
Madera	MADR 706	553	Cx tarsalis	Madera	50	CO2	8/8/2025	WNV
Madera	MADR 715	517	Cx tarsalis	Madera	40	CO2	8/7/2025	WNV
Madera	MADR 726	577	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 732	569	Cx tarsalis	Madera	37	CO2	8/13/2025	WNV
Madera	MADR 758	584	Cx tarsalis	Madera	50	CO2	8/13/2025	WNV
Madera	MADR 768	542	Cx tarsalis	Madera	27	CO2	8/8/2025	WNV
Merced	MERC 137652	580	Cx pipiens	Hilmar-Irwin	50	BGSENT	8/13/2025	WNV
Merced	MERC 369128	565	Cx tarsalis	Merced	11	BGSENT	8/7/2025	WNV
Merced	MERC 398246	575	Cx tarsalis	Dos Palos	14	BGSENT	8/12/2025	WNV
Merced	MERC 818438	561	Cx pipiens	Merced	15	CO2	8/7/2025	WNV
Merced	MERC 839432	578	Cx pipiens	Hilmar-Irwin	27	BGSENT	8/13/2025	WNV
Placer	PLCR 1114	1524	Cx tarsalis	Lincoln	50	CO2	8/12/2025	WNV
Placer	PLCR 1114	1525	Cx tarsalis	Lincoln	50	CO2	8/12/2025	WNV
Placer	PLCR 1114	1526	Cx tarsalis	Lincoln	50	CO2	8/12/2025	WNV
Placer	PLCR 1114	1527	Cx tarsalis	Lincoln	50	CO2	8/12/2025	WNV
Placer	PLCR 191218	1511	Cx tarsalis	Roseville	50	CO2	8/12/2025	WNV
Placer	PLCR 191373	1521	Cx tarsalis	Pleasant Grove	50	CO2	8/12/2025	WNV
Placer	PLCR 191373	1522	Cx tarsalis	Pleasant Grove	50	CO2	8/12/2025	WNV
Placer	PLCR 191998	1500	Cx tarsalis	Lincoln	7	CO2	8/12/2025	WNV
Placer	PLCR 194232	1545	Cx tarsalis	Pleasant Grove	50	CO2	8/12/2025	WNV
Placer	PLCR 197802	1489	Cx tarsalis	Elverta	50	CO2	8/12/2025	WNV
Placer	PLCR 197802	1490	Cx tarsalis	Elverta	50	CO2	8/12/2025	WNV
Placer	PLCR 197802	1491	Cx tarsalis	Elverta	50	CO2	8/12/2025	WNV
Placer	PLCR 197802	1492	Cx tarsalis	Elverta	30	CO2	8/12/2025	WNV
Placer	PLCR 678519	1554	Cx tarsalis	Elverta	50	CO2	8/12/2025	WNV
Riverside	COAV 0	3983	Cx tarsalis	Indio	41	CO2	8/13/2025	WNV
Riverside	COAV 0	3984	Cx tarsalis	Indio	50	CO2	8/13/2025	WNV
Riverside	COAV 0	3984	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	3985	Cx tarsalis	Indio	50	CO2	8/13/2025	WNV
Riverside	COAV 0	3986	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	3987	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	3988	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	4069	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	4070	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	4071	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	4072	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 0	4073	Cx tarsalis	Indio	50	CO2	8/13/2025	SLEV
Riverside	COAV 2	3981	Cx tarsalis	Oasis	50	CO2	8/13/2025	SLEV
Riverside	COAV 45	4012	Cx tarsalis	Mecca	26	CO2	8/12/2025	SLEV

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Riverside	COAV 5	3992	Cx tarsalis	Oasis	50	CO2	8/13/2025	SLEV
Riverside	COAV 5	3993	Cx tarsalis	Oasis	50	CO2	8/13/2025	WNV
Riverside	COAV 5	3993	Cx tarsalis	Oasis	50	CO2	8/13/2025	SLEV
Riverside	COAV 5	3995	Cx quinquefasciatus	Oasis	50	CO2	8/13/2025	SLEV
Sacramento	SAYO 201006	3398	Cx tarsalis	Sacramento	50	CO2	8/12/2025	WNV
Sacramento	SAYO 212021	3485	Cx pipiens	Sacramento	1	CO2	8/12/2025	WNV
Sacramento	SAYO 212033	3506	Cx stigmatosoma	Sacramento, Ca	7	GRVD	8/12/2025	WNV
Sacramento	SAYO 222064	3378	Cx tarsalis	Sacramento	17	CO2	8/12/2025	WNV
San Diego	SAND 24152	17261	Cx quinquefasciatus	La Mesa	8	GRVD	8/5/2025	WNV
San Diego	SAND 24152	17263	Cx quinquefasciatus	La Mesa	10	GRVD	8/5/2025	WNV
San Diego	SAND 24153	17232	Cx quinquefasciatus	San Diego	20	GRVD	8/5/2025	WNV
San Diego	SAND 24153	17233	Cx quinquefasciatus	San Diego	20	GRVD	8/5/2025	WNV
San Diego	SAND 24153	17234	Cx quinquefasciatus	San Diego	20	GRVD	8/5/2025	WNV
San Diego	SAND 24153	17235	Cx quinquefasciatus	San Diego	20	GRVD	8/5/2025	WNV
San Diego	SAND 24153	17236	Cx quinquefasciatus	San Diego	20	GRVD	8/5/2025	WNV
San Diego	SAND 24156	17258	Cx quinquefasciatus	La Mesa	7	GRVD	8/5/2025	WNV
San Diego	SAND 24201	17260	Cx quinquefasciatus	La Mesa	17	GRVD	8/5/2025	WNV
San Diego	SAND 24216	17254	Cx quinquefasciatus	La Mesa	10	GRVD	8/5/2025	WNV
San Diego	SAND 24279	17298	Cx quinquefasciatus	San Diego	10	GRVD	8/7/2025	WNV
San Joaquin	SJCM 8010	1614	Cx tarsalis	Ripon	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8018	1656	Cx tarsalis	Stockton	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8025	1570	Cx tarsalis	Stockton	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8027	1556	Cx tarsalis	Stockton	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8027	1558	Cx tarsalis	Stockton	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8027	1559	Cx tarsalis	Stockton	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8032	1585	Cx pipiens	Escalon	16	CO2	8/12/2025	WNV
San Joaquin	SJCM 8076	1533	Cx tarsalis	Stockton	37	CO2	8/12/2025	WNV
San Joaquin	SJCM 8083	1607	Cx pipiens	Escalon	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8143	1635	Cx tarsalis	Stockton	50	CO2	8/12/2025	WNV
San Joaquin	SJCM 8204	1639	Cx tarsalis	Stockton	44	CO2	8/12/2025	WNV
San Joaquin	SJCM 8233	1640	Cx tarsalis	Stockton	50	CO2	8/12/2025	WNV
Solano	SOLA 100004	791	Cx tarsalis	Davis	40	CO2	8/13/2025	WNV
Solano	SOLA 33	796	Cx tarsalis	Dixon	50	CO2	8/13/2025	WNV
Solano	SOLA 38	807	Cx tarsalis	Dixon	16	CO2	8/13/2025	WNV
Solano	SOLA 9541	814	Cx tarsalis	Winters	15	BGSENT	8/14/2025	WNV
Stanislaus	EAST 2021	25179	Cx pipiens	Modesto	50	GRVD	7/11/2025	WNV
Stanislaus	EAST 2090	25202	Cx pipiens	Modesto	15	GRVD	8/1/2025	WNV
Stanislaus	EAST 2095	25183	Cx pipiens	Oakdale	28	CO2	7/16/2025	WNV
Stanislaus	TRLK 1107	591	Cx tarsalis	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 17152	607	Cx pipiens	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 17152	608	Cx pipiens	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 1905	586	Cx tarsalis	Denair	48	CO2	8/12/2025	WNV
Stanislaus	TRLK 1906	583	Cx tarsalis	Hughson	12	CO2	8/12/2025	WNV
Stanislaus	TRLK 19519	597	Cx tarsalis	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 19519	598	Cx tarsalis	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 19519	599	Cx pipiens	Denair	28	CO2	8/12/2025	WNV
Stanislaus	TRLK 2000	584	Cx pipiens	Denair	21	CO2	8/12/2025	WNV
Stanislaus	TRLK 25357	565	Cx pipiens	Turlock	50	CO2	8/7/2025	WNV
Stanislaus	TRLK 25357	566	Cx tarsalis	Turlock	37	CO2	8/7/2025	WNV
Stanislaus	TRLK 25368	568	Cx pipiens	Turlock	50	CO2	8/8/2025	WNV
Stanislaus	TRLK 25368	569	Cx pipiens	Turlock	24	CO2	8/8/2025	WNV
Stanislaus	TRLK 25368	570	Cx tarsalis	Turlock	50	CO2	8/8/2025	WNV
Stanislaus	TRLK 25368	572	Cx tarsalis	Turlock	50	CO2	8/8/2025	WNV
Stanislaus	TRLK 25368	573	Cx tarsalis	Turlock	41	CO2	8/8/2025	WNV
Stanislaus	TRLK 432	603	Cx pipiens	Turlock	48	CO2	8/12/2025	WNV
Stanislaus	TRLK 432	604	Cx tarsalis	Turlock	21	CO2	8/12/2025	WNV
Stanislaus	TRLK 526	618	Cx pipiens	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 526	619	Cx pipiens	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 526	620	Cx pipiens	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 526	623	Cx tarsalis	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 526	624	Cx tarsalis	Denair	50	CO2	8/12/2025	WNV
Stanislaus	TRLK 526	625	Cx tarsalis	Denair	50	CO2	8/12/2025	WNV
Sutter	SUYA 30	528	Cx tarsalis	Live Oak	32	REST	8/12/2025	WNV
Sutter	SUYA 31	497	Cx tarsalis	Rio Oso	20	REST	8/5/2025	WNV
Sutter	SUYA 71	513	Cx tarsalis	Meridian	33	REST	8/11/2025	WNV
Sutter	SUYA 9	510	Cx tarsalis	Sutter	26	CO2	8/6/2025	WNV
Tulare	DLNO 0	298	Cx tarsalis	Delano	50	CO2	8/8/2025	WNV
Tulare	DLNO 0	300	Cx tarsalis	Delano	41	CO2	8/8/2025	WNV

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Tulare	DLNO 125	279	Cx quinquefasciatus	Delano	50	CO2	8/1/2025	WNV
Tulare	DLNO 125	280	Cx quinquefasciatus	Delano	46	CO2	8/1/2025	WNV
Tulare	DLNO 125	281	Cx tarsalis	Delano	50	CO2	8/1/2025	WNV
Tulare	DLNO 125	282	Cx tarsalis	Delano	50	CO2	8/1/2025	WNV
Tulare	DLNO 125	284	Cx tarsalis	Delano	50	CO2	8/1/2025	WNV
Tulare	DLNO 155	304	Cx quinquefasciatus	Earlimart	31	BGSENT	8/8/2025	WNV
Tulare	DLNO 156	306	Cx quinquefasciatus	Earlimart	50	BGSENT	8/8/2025	WNV
Tulare	DLNO 19	294	Cx tarsalis	Ducor	50	BGSENT	8/8/2025	WNV
Tulare	DLNO 19	295	Cx tarsalis	Ducor	46	BGSENT	8/8/2025	WNV
Tulare	DLNO 217	276	Cx tarsalis	Earlimart	31	CO2	8/1/2025	WNV
Tulare	DLNO 222	307	Cx tarsalis	Earlimart	31	BGSENT	8/8/2025	WNV
Tulare	DLNO 222	308	Cx quinquefasciatus	Earlimart	50	BGSENT	8/8/2025	WNV
Tulare	DLNO 232	277	Cx quinquefasciatus	Earlimart	38	CO2	8/1/2025	WNV
Tulare	DLNO 232	278	Cx tarsalis	Earlimart	50	CO2	8/1/2025	WNV
Tulare	DLNO 232	292	Cx tarsalis	Earlimart	50	CO2	8/6/2025	WNV
Tulare	DLTA 509390	2812	Cx quinquefasciatus	Visalia	15	GRVD	8/6/2025	WNV
Tulare	DLTA 509400	2882	Cx quinquefasciatus	Dinuba	45	BGSENT	8/8/2025	WNV
Tulare	DLTA 509400	2883	Cx stigmatosoma	Dinuba	22	BGSENT	8/8/2025	WNV
Tulare	DLTA 509420	2930	Cx quinquefasciatus	Sultana	10	CO2	8/12/2025	WNV
Tulare	DLTA 509422	2752	Cx tarsalis	London Udb	17	CO2	8/5/2025	WNV
Tulare	DLTA 509423	2782	Cx quinquefasciatus	West Goshen	50	BGSENT	8/6/2025	WNV
Tulare	DLTA 509423	2783	Cx quinquefasciatus	West Goshen	11	BGSENT	8/6/2025	WNV
Tulare	DLTA 509423	2785	Cx tarsalis	West Goshen	20	BGSENT	8/6/2025	WNV
Tulare	DLTA 509433	2808	Cx quinquefasciatus	Ivanhoe Udb	15	GRVD	8/6/2025	WNV
Tulare	DLTA 509463	2961	Cx quinquefasciatus	Visalia	31	BGSENT	8/13/2025	WNV
Tulare	DLTA 509485	2937	Cx quinquefasciatus	Traver Udb	14	BGSENT	8/12/2025	WNV
Tulare	DLTA 509485	2938	Cx stigmatosoma	Traver Udb	50	BGSENT	8/12/2025	WNV
Tulare	DLTA 509485	2939	Cx stigmatosoma	Traver Udb	50	BGSENT	8/12/2025	WNV
Tulare	DLTA 509491	2870	Cx quinquefasciatus	Farmersville	17	GRVD	8/8/2025	WNV
Tulare	DLTA 509494	2758	Cx quinquefasciatus	Exeter	12	GRVD	8/5/2025	WNV
Tulare	DLTA 509509	2740	Cx quinquefasciatus	Visalia	45	BGSENT	8/5/2025	WNV
Tulare	DLTA 509509	2767	Cx quinquefasciatus	Visalia	32	GRVD	8/5/2025	WNV
Tulare	DLTA 509509	2925	Cx quinquefasciatus	Visalia	17	GRVD	8/12/2025	WNV
Tulare	DLTA 509514	2846	Cx quinquefasciatus	Dinuba	16	BGSENT	8/7/2025	WNV
Tulare	DLTA 509517	2776	Cx quinquefasciatus	Visalia	26	GRVD	8/6/2025	WNV
Tulare	DLTA 509526	2806	Cx quinquefasciatus	Exeter	14	GRVD	8/6/2025	WNV
Tulare	DLTA 509526	2807	Cx stigmatosoma	Exeter	22	GRVD	8/6/2025	WNV
Tulare	DLTA 509555	2833	Cx quinquefasciatus	Cutler-Orosi Udb	38	GRVD	8/7/2025	WNV
Tulare	DLTA 509595	2853	Cx quinquefasciatus	Patterson Tract	38	CO2	8/8/2025	WNV
Tulare	DLTA 509648	2848	Cx stigmatosoma	Tooleville	50	CO2	8/7/2025	WNV
Tulare	DLTA 509651	2842	Cx quinquefasciatus	Exeter	41	CO2	8/7/2025	WNV
Tulare	DLTA 509677	2749	Cx tarsalis	Delft Colony	50	CO2	8/5/2025	WNV
Tulare	DLTA 509677	2750	Cx tarsalis	Delft Colony	19	CO2	8/5/2025	WNV
Tulare	DLTA 509677	2751	Cx stigmatosoma	Delft Colony	21	CO2	8/5/2025	WNV
Tulare	DLTA 509680	2755	Cx tarsalis	Delft Colony	33	CO2	8/5/2025	WNV
Tulare	DLTA 509703	2917	Cx stigmatosoma	Cutler	11	CO2	8/12/2025	WNV
Tulare	DLTA 509718	2757	Cx stigmatosoma	Kingsburg	12	CO2	8/5/2025	WNV
Tulare	DLTA 509726	2795	Cx quinquefasciatus	Visalia	31	BGSENT	8/6/2025	WNV
Tulare	DLTA 509753	2900	Cx tarsalis	Yettem	17	CO2	8/8/2025	WNV
Tulare	DLTA 509758	2744	Cx quinquefasciatus	Visalia	50	BGSENT	8/5/2025	WNV
Tulare	DLTA 509758	2914	Cx quinquefasciatus	Visalia	47	BGSENT	8/12/2025	WNV
Tulare	DLTA 509763	2942	Cx stigmatosoma	Dinuba Uab	36	CO2	8/12/2025	WNV
Tulare	DLTA 509781	2881	Cx quinquefasciatus	Exeter	14	BGSENT	8/8/2025	WNV
Tulare	DLTA 509786	2770	Cx quinquefasciatus	Visalia	14	BGSENT	8/5/2025	WNV
Tulare	DLTA 509805	2734	Cx quinquefasciatus	Farmersville	48	BGSENT	8/5/2025	WNV
Tulare	DLTA 509829	2847	Cx quinquefasciatus	Dinuba	11	BGSENT	8/7/2025	WNV
Tulare	DLTA 509840	2911	Cx quinquefasciatus	Dinuba	15	GRVD	8/12/2025	WNV
Tulare	DLTA 509844	2966	Cx quinquefasciatus	Dinuba	15	GRVD	8/13/2025	WNV
Tulare	DLTA 509849	2876	Cx stigmatosoma	Cutler-Orosi Udb	11	GRVD	8/8/2025	WNV
Tulare	DLTA 509859	2863	Cx stigmatosoma	Woodlake	22	GRVD	8/8/2025	WNV
Tulare	DLTA 509868	2813	Cx quinquefasciatus	Farmersville	15	GRVD	8/6/2025	WNV
Tulare	DLTA 509878	2773	Cx quinquefasciatus	Farmersville	36	GRVD	8/5/2025	WNV
Tulare	DLTA 509878	2919	Cx quinquefasciatus	Farmersville	14	GRVD	8/12/2025	WNV
Tulare	DLTA 509898	2760	Cx quinquefasciatus	Visalia	10	GRVD	8/5/2025	WNV
Tulare	DLTA 509922	2793	Cx quinquefasciatus	Visalia	24	GRVD	8/6/2025	WNV
Tulare	DLTA 509948	2828	Cx quinquefasciatus	Visalia	11	BGSENT	8/7/2025	WNV
Tulare	DLTA 509948	2837	Cx quinquefasciatus	Visalia	16	GRVD	8/7/2025	WNV
Tulare	DLTA 509954	2927	Cx quinquefasciatus	Visalia	38	GRVD	8/12/2025	WNV

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Tulare	DLTA 509984	2896	Cx quinquefasciatus	Visalia	50	BGSENT	8/8/2025	WNV
Tulare	DLTA 509991	2888	Cx quinquefasciatus	Visalia	22	BGSENT	8/8/2025	WNV
Tulare	DLTA 509997	2915	Cx quinquefasciatus	Dinuba	17	GRVD	8/12/2025	WNV
Tulare	DLTA 511869	2872	Cx quinquefasciatus	Dinuba	20	GRVD	8/8/2025	WNV
Tulare	DLTA 512177	2906	Cx quinquefasciatus	Visalia	23	BGSENT	8/12/2025	WNV
Tulare	DLTA 512180	2843	Cx quinquefasciatus	Orosi	38	BGSENT	8/7/2025	WNV
Tulare	DLTA 512181	2759	Cx quinquefasciatus	Exeter	19	GRVD	8/5/2025	WNV
Tulare	DLTA 512182	2878	Cx quinquefasciatus	Dinuba	20	GRVD	8/8/2025	WNV
Tulare	DLTA 512183	2762	Cx quinquefasciatus	Orosi	10	GRVD	8/5/2025	WNV
Tulare	TLRE 192412	118	Cx quinquefasciatus	Visalia	50	GRVD	8/5/2025	WNV
Tulare	TLRE 192433	122	Cx quinquefasciatus	Tulare	49	GRVD	8/5/2025	WNV
Tulare	TLRE 192434	108	Cx quinquefasciatus	Tulare	50	GRVD	8/1/2025	WNV
Tulare	TLRE 192434	123	Cx quinquefasciatus	Tulare	19	GRVD	8/6/2025	WNV
Tulare	TLRE 192435	107	Cx quinquefasciatus	Tulare	50	GRVD	8/1/2025	WNV
Tulare	TLRE 192507	113	Cx quinquefasciatus	Visalia	23	GRVD	8/5/2025	WNV
Tulare	TLRE 192507	115	Cx quinquefasciatus	Visalia	43	GRVD	8/5/2025	WNV
Tulare	TLRE 202401	105	Cx quinquefasciatus	Tulare	38	GRVD	8/1/2025	WNV
Tulare	TLRE 202402	126	Cx quinquefasciatus	Tulare	23	GRVD	8/7/2025	WNV
Tulare	TLRE 202402	127	Cx quinquefasciatus	Tulare	15	GRVD	8/7/2025	WNV
Tulare	TLRE 202404	120	Cx quinquefasciatus	Tulare	34	GRVD	8/5/2025	WNV
Tulare	TLRE 202404	121	Cx quinquefasciatus	Tulare	16	GRVD	8/5/2025	WNV
Tulare	TLRE 202411	112	Cx quinquefasciatus	Tulare	28	GRVD	8/1/2025	WNV
Tulare	TLRE 202413	104	Cx quinquefasciatus	Tulare	46	GRVD	8/1/2025	WNV
Tulare	TLRE 202518	125	Cx quinquefasciatus	Tulare	43	GRVD	8/7/2025	WNV
Yolo	SAYO 103007	3410	Cx pipiens	Dunnigan	8	CO2	8/12/2025	WNV
Yolo	SAYO 115008	3466	Cx tarsalis	Woodland	50	CO2	8/12/2025	WNV
Yolo	SAYO 115008	3468	Cx tarsalis	Woodland	50	CO2	8/12/2025	WNV
Yolo	SAYO 125002	3408	Cx tarsalis	Yolo	50	CO2	8/12/2025	WNV
Yolo	SAYO 145013	3446	Cx tarsalis	Davis	1	GRVD	8/12/2025	WNV
Yolo	SAYO 145013	3447	Cx pipiens	Davis	3	CO2	8/12/2025	WNV
Yolo	SAYO 145023	3455	Cx tarsalis	Davis	31	CO2	8/12/2025	WNV
Yolo	SAYO 146006	3458	Cx tarsalis	Davis	50	CO2	8/12/2025	WNV
Yolo	SAYO 146006	3459	Cx tarsalis	Davis	50	CO2	8/12/2025	WNV
Yolo	SAYO 438342	3338	Cx tarsalis	Davis	50	CO2	8/8/2025	WNV

Sentinel Chickens

County	Site Code	Nearest City	Date Bled	Virus	Band 1	Band 2	Band 3	Band 4	Band 5
Butte	BUCO 000003	Oroville	8/5/2025	WNV	3443	3444	3446	3447	3448
Lake	LAKE 001000	Upper Lake	8/4/2025	WNV	3889	3890	3893		
Butte	BUCO 000005	Honcut	8/5/2025	WNV	3457				
Yuba	SUYA 000007	Marysville	8/7/2025	WNV	3655				

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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