

California Arbovirus Surveillance Bulletin #22

Week 37 Friday, September 12, 2025



WEEKLY UPDATE

Humans

West Nile virus

A total of 7 new human cases of West Nile virus (WNV) disease were reported this week from 5 counties: Fresno (2), Kern (1), Merced (2), Nevada (1), and Stanislaus (1). **These are the first cases of WNV disease reported from Merced and Nevada counties this year.** In 2025, 36 human cases of WNV disease have been reported from 11 counties. Of the 36 cases, 32 (89%) had neuroinvasive disease and 2 (6%) were fatal. The median age of the case-patients was 66 years and 22 (61%) of the case patients were male. The dates of symptom onset ranged from June 6 to August 22. In addition to the 36 cases of WNV disease, 3 asymptomatic WNV positive blood donors have been reported from 3 counties: Fresno (1), Kern (1), and Tulare (1). At this time last year, 51 human cases of WNV disease had been reported from 17 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 6 new WNV positive dead birds were reported this week from 6 counties: Colusa (1), Placer (1), Sacramento (1), San Diego (1), San Joaquin (1), and Yolo (1). **This is the first WNV positive dead bird from Colusa County this year.** In 2025, a total of 121 WNV positive dead birds have been reported from 18 counties. At this time last year, 427 WNV positive dead birds had been reported from 18 counties.

Mosquito Pools

West Nile virus

A total of 163 new WNV positive mosquito pools were reported from 18 counties: Butte (1), Fresno (9), Kern (3), Los Angeles (22), Madera (27), Merced (2), Orange (6), Placer (8), Riverside (1), Sacramento (6), San Bernardino (1), San Diego (24), San Joaquin (10), Solano (5), Stanislaus (20), Tulare (6), Yolo (10), and Yuba (2). In 2025, a total of 2,260 WNV positive mosquito pools have been reported from 27 counties. At this time last year, 1,654 WNV positive mosquito pools had been reported from 25 counties.

St. Louis encephalitis virus

A total of 4 new St. Louis encephalitis virus (SLEV) positive mosquito pools were reported this week from 1 county: Riverside (4). In 2025, 93 SLEV positive mosquito pools have been reported from 3 counties: Fresno (1), Imperial (8), and Riverside (84). At this time last year, 19 SLEV positive mosquito pools had been reported from 5 counties.

Sentinel Chickens

A total of 13 new WNV positive sentinel chickens were reported this week from 4 counties: Butte (4), Lake (2), Sutter (6), and Yuba (1). In 2025, 39 WNV positive sentinel chickens have been reported from 6 counties. At this time last year, 116 WNV positive chickens had been reported from 12 counties.

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2024 & 2025 YTD West Nile Virus Comparisons		
	2024	2025
Total No. Dead Bird Reports	5,194	6,417
No. Positive Counties	30	32
No. Human Cases	51	36
No. Positive Dead Birds / No. Tested	427 / 1,504	121 / 1,408
No. Positive Mosquito Pools / No. Tested	1,654 / 36,845	2,260 / 38,421
No. Seroconversions / No. Tested	116 / 3,626	39 / 2,972

YTD WNV Activity by Element and County, 2025					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			6		
Butte	2			25	11
Colusa			1	1	
Contra Costa			3	1	
Fresno	4		11	111	
Imperial				1	
Inyo				1	
Kern	8		1	120	
Kings	3			117	
Lake				5	6
Los Angeles			2	91	
Madera				244	
Merced	2			39	
Nevada	1				
Orange			2	93	
Placer	1		6	139	
Riverside				10	
Sacramento			24	48	
San Bernardino				4	
San Diego			19	124	
San Joaquin			7	119	
Santa Barbara		1			
Santa Clara			25	2	
Shasta				2	
Solano			2	23	1
Stanislaus	3		1	161	
Sutter			1	12	8
Tulare	10		7	696	9
Tuolumne	1				
Ventura			1		
Yolo	1		2	63	
Yuba				8	4
Totals	36	1	121	2,260	39

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TESTING SUMMARIES

		WNV	SLEV	WEEV
Human Cases	Week	7	0	0
	YTD	36	0	0

		Positive / Total Tested					
		WNV	SLEV	WEEV	CHIK	DENV	ZIKA
Dead Birds	Week	6 / 29					
	YTD	121 / 1,408					
Chicken Sera	Week	13 / 217	0 / 217	0 / 217			
	YTD	39 / 2,972	0 / 2,972	0 / 2,972			
Mosquito Pools	Week	163 / 1,680	4 / 1,533	0 / 1,533	0 / 6	0 / 6	0 / 6
	YTD	2,260 / 38,421	93 / 35,574	0 / 35,580	0 / 312	0 / 312	0 / 312

POSITIVES

Dead Birds

County	Submitting Agency	City	Zip Code	Species	Date Reported	Virus
Colusa	Colusa MAD	Williams	95987	Cooper's Hawk	9/4/2025	WNV
Placer	Placer MVCD	Roseville	95747	Bushtit	9/8/2025	WNV
Sacramento	Sacramento-Yolo MVCD	Wilton	95693	American Crow	9/5/2025	WNV
San Diego	San Diego Co VCP	San Diego	92108	American Crow	9/4/2025	WNV
San Joaquin	San Joaquin Co MVCD	Tracy	95377	American Crow	9/4/2025	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95618	American Crow	8/31/2025	WNV

Mosquito Pools

County	Site	Pool No	Species	City	Pool Size	Trap	Collected	Virus
Butte	BUCO 175	393	Cx tarsalis	Gridley	50	CO2	09/02/2025	WNV
Fresno	CNSL 1257	361	Cx quinquefasciatus	Clovis	24	GRVD	09/05/2025	WNV
Fresno	CNSL 1624	367	Cx quinquefasciatus	Fresno	50	GRVD	09/05/2025	WNV
Fresno	CNSL 3066	355	Cx quinquefasciatus	Reedley	15	GRVD	09/04/2025	WNV
Fresno	CNSL 4161	623	Cx quinquefasciatus	Fowler	50	GRVD	09/04/2025	WNV
Fresno	CNSL 4197	358	Cx quinquefasciatus	Fowler	50	GRVD	09/04/2025	WNV
Fresno	FRWS 100006	232	Cx tarsalis	Dos Palos	50	CO2	09/09/2025	WNV
Fresno	FRWS 100006	233	Cx tarsalis	Dos Palos	50	CO2	09/09/2025	WNV
Fresno	FRWS 200003	231	Cx tarsalis	Dos Palos	35	CO2	09/09/2025	WNV
Fresno	FRWS 5110	238	Cx tarsalis	Tranquillity	50	CO2	09/09/2025	WNV
Kern	DLNO 265	361	Cx tarsalis	Mcfarland	38	BGSENT	09/03/2025	WNV
Kern	DLNO 265	363	Cx quinquefasciatus	Mcfarland	50	BGSENT	09/03/2025	WNV
Kern	DLNO 266	369	Cx quinquefasciatus	Mcfarland	50	BGSENT	09/03/2025	WNV
Los Angeles	ANTV 986288	51	Cx quinquefasciatus	Lancaster	22	BGSENT	09/09/2025	WNV
Los Angeles	GRLA 2007	5754	Cx quinquefasciatus	Toluca Lake	50	BGSENT	08/26/2025	WNV
Los Angeles	GRLA 2017	5755	Cx quinquefasciatus	Studio City	50	GRVD	08/26/2025	WNV
Los Angeles	GRLA 2021	5769	Cx quinquefasciatus	Reseda	31	GRVD	08/27/2025	WNV
Los Angeles	GRLA 2032	5768	Cx quinquefasciatus	Northridge	50	GRVD	08/27/2025	WNV
Los Angeles	GRLA 2035	5767	Cx quinquefasciatus	Tarzana	17	GRVD	08/27/2025	WNV
Los Angeles	GRLA 2270	706	Cx quinquefasciatus	Bellflower	23	GRVD	09/05/2025	WNV

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Los Angeles	GRLA 2321	656	Cx quinquefasciatus	Carson	50	BGSENT	08/26/2025	WNV
Los Angeles	GRLA 2555	5765	Cx quinquefasciatus	Encino	43	GRVD	08/27/2025	WNV
Los Angeles	GRLA 2635	5764	Cx quinquefasciatus	Lake Balboa	50	GRVD	08/27/2025	WNV
Los Angeles	GRLA 2636	5763	Cx quinquefasciatus	Lake Balboa	50	GRVD	08/27/2025	WNV
Los Angeles	GRLA 2750	5811	Cx quinquefasciatus	Los Angeles	24	GRVD	09/04/2025	WNV
Los Angeles	GRLA 2936	5810	Cx quinquefasciatus	Burbank	50	GRVD	09/04/2025	WNV
Los Angeles	GRLA 2957	711	Cx quinquefasciatus	Hawaiian Gardens	50	GRVD	09/05/2025	WNV
Los Angeles	GRLA 3036	5780	Cx quinquefasciatus	Canoga Park	50	GRVD	08/28/2025	WNV
Los Angeles	GRLA 3038	5757	Cx quinquefasciatus	Valley Village	50	GRVD	08/26/2025	WNV
Los Angeles	GRLA 3041	699	Cx quinquefasciatus	Artesia	22	GRVD	09/04/2025	WNV
Los Angeles	GRLA 3066	5760	Cx quinquefasciatus	Valley Glen	50	GRVD	08/26/2025	WNV
Los Angeles	GRLA 3069	5758	Cx quinquefasciatus	Valley Village	50	GRVD	08/26/2025	WNV
Los Angeles	GRLA 3076	5761	Cx quinquefasciatus	Valley Glen	50	GRVD	08/26/2025	WNV
Los Angeles	GRLA 3079	5762	Cx quinquefasciatus	Sun Valley	50	GRVD	08/26/2025	WNV
Los Angeles	GRLA 3102	5756	Cx quinquefasciatus	Studio City	50	BGSENT	08/26/2025	WNV
Madera	MADR 1069	802	Cx tarsalis	Madera	50	CO2	09/09/2025	WNV
Madera	MADR 1097	761	Cx tarsalis	Madera	50	CO2	09/04/2025	WNV
Madera	MADR 1155	799	Cx tarsalis	Firebaugh	50	CO2	09/09/2025	WNV
Madera	MADR 12	784	Cx tarsalis	Madera	29	CO2	09/05/2025	WNV
Madera	MADR 12360	833	Cx tarsalis	Madera	50	CO2	09/11/2025	WNV
Madera	MADR 12364	819	Cx tarsalis	Madera	44	CO2	09/10/2025	WNV
Madera	MADR 12367	800	Cx tarsalis	Chowchilla	18	CO2	09/09/2025	WNV
Madera	MADR 12408	794	Cx tarsalis	Firebaugh	50	CO2	09/09/2025	WNV
Madera	MADR 12600	758	Cx tarsalis	Bonadelle Ranchos	50	CO2	09/04/2025	WNV
Madera	MADR 12611	768	Cx tarsalis	Madera	50	CO2	09/05/2025	WNV
Madera	MADR 12611	828	Cx tarsalis	Madera	27	CO2	09/11/2025	WNV
Madera	MADR 12628	815	Cx tarsalis	Fresno	34	CO2	09/10/2025	WNV
Madera	MADR 204	787	Cx tarsalis	Madera	50	CO2	09/05/2025	WNV
Madera	MADR 232	809	Cx tarsalis	Chowchilla	42	CO2	09/10/2025	WNV
Madera	MADR 259	774	Cx tarsalis	Madera	50	CO2	09/05/2025	WNV
Madera	MADR 259	821	Cx tarsalis	Madera	50	CO2	09/11/2025	WNV
Madera	MADR 276	773	Cx tarsalis	Madera	50	CO2	09/05/2025	WNV
Madera	MADR 634	770	Cx tarsalis	Madera	50	CO2	09/05/2025	WNV
Madera	MADR 634	830	Cx tarsalis	Madera	50	CO2	09/11/2025	WNV
Madera	MADR 688	771	Cx tarsalis	Madera	27	CO2	09/05/2025	WNV
Madera	MADR 704	791	Cx tarsalis	Madera	19	CO2	09/09/2025	WNV
Madera	MADR 726	772	Cx tarsalis	Madera	50	CO2	09/05/2025	WNV
Madera	MADR 727	754	Cx tarsalis	Madera	11	CO2	09/04/2025	WNV
Madera	MADR 747	810	Cx tarsalis	Chowchilla	50	CO2	09/10/2025	WNV
Madera	MADR 758	823	Cx tarsalis	Madera	43	CO2	09/11/2025	WNV
Madera	MADR 763	779	Cx tarsalis	Madera	50	CO2	09/05/2025	WNV
Madera	MADR 773	834	Cx tarsalis	Madera	50	CO2	09/11/2025	WNV
Merced	MERC 1302	691	Cx tarsalis	Los Banos	50	CO2	09/04/2025	WNV
Merced	MERC 318431	695	Cx pipiens	Merced	12	BGSENT	09/09/2025	WNV
Orange	ORCO 1009	2737	Cx quinquefasciatus	Garden Grove	50	GRVD	09/09/2025	WNV
Orange	ORCO 218	2734	Cx quinquefasciatus	Anaheim	10	GRVD	09/09/2025	WNV
Orange	ORCO 29	2830	Cx quinquefasciatus	Santa Ana	30	GRVD	09/11/2025	WNV
Orange	ORCO 3	2765	Cx quinquefasciatus	Garden Grove	16	GRVD	09/09/2025	WNV
Orange	ORCO 321	2785	Cx quinquefasciatus	Anaheim	10	GRVD	09/09/2025	WNV
Orange	ORCO 338	2784	Cx quinquefasciatus	Anaheim	29	GRVD	09/09/2025	WNV
Placer	PLCR 1113	2012	Cx tarsalis	Pleasant Grove	50	CO2	09/09/2025	WNV
Placer	PLCR 1113	2013	Cx tarsalis	Pleasant Grove	50	CO2	09/09/2025	WNV
Placer	PLCR 1113	2014	Cx tarsalis	Pleasant Grove	50	CO2	09/09/2025	WNV
Placer	PLCR 1113	2015	Cx tarsalis	Pleasant Grove	17	CO2	09/09/2025	WNV
Placer	PLCR 1114	2042	Cx tarsalis	Lincoln	50	CO2	09/09/2025	WNV
Placer	PLCR 1114	2043	Cx tarsalis	Lincoln	50	CO2	09/09/2025	WNV
Placer	PLCR 1114	2044	Cx tarsalis	Lincoln	50	CO2	09/09/2025	WNV
Placer	PLCR 81	1992	Cx tarsalis	Roseville	33	CO2	09/09/2025	WNV
Riverside	COAV 0	4387	Cx tarsalis	Indio	41	CO2	09/09/2025	SLEV
Riverside	COAV 121	4445	Cx tarsalis	Mecca	41	CO2	09/09/2025	SLEV
Riverside	COAV 123	4482	Cx tarsalis	Mecca	50	CO2	09/09/2025	SLEV
Riverside	COAV 45	4382	Cx tarsalis	Mecca	50	CO2	09/09/2025	SLEV
Riverside	COAV 611	4480	Cx tarsalis	Mecca	50	CO2	09/09/2025	WNV
Sacramento	SAYO 204020	4689	Cx stigmatosoma	Sacramento	3	GRVD	09/09/2025	WNV
Sacramento	SAYO 214019	4507	Cx pipiens	Carmichael	8	GRVD	09/05/2025	WNV
Sacramento	SAYO 222032	4583	Cx tarsalis	Sacramento	1	GRVD	09/09/2025	WNV
Sacramento	SAYO 223044	4630	Cx pipiens	Sacramento	1	CO2	09/09/2025	WNV
Sacramento	SAYO 224012	4480	Cx pipiens	Rancho Cordova	1	GRVD	09/05/2025	WNV

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Sacramento	SAYO 243009	4624	Cx pipiens	Elk Grove	30	CO2	09/09/2025	WNV
San Bernardino	WVAL 2003	1376	Cx erythrorhox	Chino	50	CO2	09/09/2025	WNV
San Diego	SAND 24152	17570	Cx quinquefasciatus	La Mesa	20	GRVD	09/03/2025	WNV
San Diego	SAND 24152	17571	Cx quinquefasciatus	La Mesa	20	GRVD	09/03/2025	WNV
San Diego	SAND 24153	17414	Cx quinquefasciatus	San Diego	9	GRVD	08/19/2025	WNV
San Diego	SAND 24153	17415	Cx quinquefasciatus	San Diego	8	GRVD	08/19/2025	WNV
San Diego	SAND 24156	17476	Cx quinquefasciatus	La Mesa	20	GRVD	08/26/2025	WNV
San Diego	SAND 24156	17477	Cx quinquefasciatus	La Mesa	12	GRVD	08/26/2025	WNV
San Diego	SAND 24156	17562	Cx quinquefasciatus	La Mesa	11	GRVD	09/03/2025	WNV
San Diego	SAND 24156	17565	Cx quinquefasciatus	La Mesa	1	GRVD	09/03/2025	WNV
San Diego	SAND 24186	17438	Cx quinquefasciatus	La Mesa	20	GRVD	08/20/2025	WNV
San Diego	SAND 24186	17561	Cx quinquefasciatus	La Mesa	18	GRVD	09/03/2025	WNV
San Diego	SAND 24216	17479	Cx quinquefasciatus	La Mesa	20	GRVD	08/26/2025	WNV
San Diego	SAND 24216	17558	Cx quinquefasciatus	La Mesa	11	GRVD	09/03/2025	WNV
San Diego	SAND 24216	17559	Cx quinquefasciatus	La Mesa	12	GRVD	09/03/2025	WNV
San Diego	SAND 24319	17399	Cx quinquefasciatus	San Diego	15	CO2	08/15/2025	WNV
San Diego	SAND 24383	17551	Cx quinquefasciatus	San Diego	5	GRVD	08/29/2025	WNV
San Diego	SAND 24403	17557	Cx quinquefasciatus	San Diego	8	GRVD	09/03/2025	WNV
San Diego	SAND 24410	17630	Cx quinquefasciatus	San Diego	12	GRVD	09/05/2025	WNV
San Diego	SAND 24410	17631	Cx quinquefasciatus	San Diego	15	GRVD	09/05/2025	WNV
San Diego	SAND 24411	17611	Cx quinquefasciatus	San Diego	14	GRVD	09/05/2025	WNV
San Diego	SAND 24412	17626	Cx quinquefasciatus	San Diego	1	GRVD	09/05/2025	WNV
San Diego	SAND 24412	17627	Cx quinquefasciatus	San Diego	16	GRVD	09/05/2025	WNV
San Diego	SAND 24413	17619	Cx quinquefasciatus	San Diego	11	GRVD	09/05/2025	WNV
San Diego	SAND 24417	17615	Cx quinquefasciatus	San Diego	20	GRVD	09/05/2025	WNV
San Diego	SAND 24417	17616	Cx quinquefasciatus	San Diego	20	GRVD	09/05/2025	WNV
San Joaquin	SJCM 8029	2101	Cx pipiens	Farmington	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8029	2103	Cx pipiens	Farmington	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8029	2106	Cx pipiens	Farmington	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8083	2053	Cx tarsalis	Escalon	38	CO2	09/09/2025	WNV
San Joaquin	SJCM 8083	2152	Cx tarsalis	Escalon	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8199	2161	Cx tarsalis	Manteca	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8206	2126	Cx tarsalis	Lodi	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8206	2127	Cx tarsalis	Lodi	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8210	2081	Cx pipiens	Escalon	50	CO2	09/09/2025	WNV
San Joaquin	SJCM 8230	2112	Cx tarsalis	Thornton	38	CO2	09/09/2025	WNV
Solano	SOLA 221	989	Cx pipiens	Fairfield	27	CO2	09/12/2025	WNV
Solano	SOLA 29	981	Cx tarsalis	Dixon	50	CO2	09/10/2025	WNV
Solano	SOLA 38	984	Cx tarsalis	Dixon	50	CO2	09/10/2025	WNV
Solano	SOLA 38	985	Cx tarsalis	Dixon	50	CO2	09/10/2025	WNV
Solano	SOLA 38	987	Cx pipiens	Dixon	55	CO2	09/10/2025	WNV
Stanislaus	EAST 12	25253	Cx pipiens	Modesto	26	BGSENT	08/27/2025	WNV
Stanislaus	TRLK 1107	895	Cx pipiens	Denair	22	CO2	09/09/2025	WNV
Stanislaus	TRLK 1214	947	Cx pipiens	Turlock	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 1214	948	Cx pipiens	Turlock	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 1219	904	Cx pipiens	Modesto	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 1219	906	Cx tarsalis	Modesto	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 1309	900	Cx tarsalis	Hughson	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 17152	951	Cx pipiens	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 17152	955	Cx pipiens	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 17152	957	Cx pipiens	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 1835	919	Cx tarsalis	Hickman	25	CO2	09/09/2025	WNV
Stanislaus	TRLK 1905	922	Cx pipiens	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 19519	930	Cx pipiens	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 19519	932	Cx pipiens	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 19519	934	Cx tarsalis	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 25477	878	Cx pipiens	Turlock	50	CO2	09/04/2025	WNV
Stanislaus	TRLK 25478	870	Cx pipiens	Turlock	50	CO2	09/04/2025	WNV
Stanislaus	TRLK 25478	871	Cx pipiens	Turlock	50	CO2	09/04/2025	WNV
Stanislaus	TRLK 526	973	Cx pipiens	Denair	50	CO2	09/09/2025	WNV
Stanislaus	TRLK 526	980	Cx tarsalis	Denair	50	CO2	09/09/2025	WNV
Tulare	DLTA 509383	3423	Cx quinquefasciatus	Cutler-Orosi Udb	19	GRVD	09/05/2025	WNV
Tulare	DLTA 509399	3437	Cx quinquefasciatus	Dinuba	15	GRVD	09/05/2025	WNV
Tulare	DLTA 509674	3406	Cx quinquefasciatus	Seville	48	CO2	09/05/2025	WNV
Tulare	DLTA 509849	3424	Cx quinquefasciatus	Cutler-Orosi Udb	19	GRVD	09/05/2025	WNV
Tulare	DLTA 509949	3396	Cx quinquefasciatus	Visalia	14	GRVD	09/05/2025	WNV
Tulare	TLRE 212531	175	Cx quinquefasciatus	Tipton	50	GRVD	09/04/2025	WNV
Yolo	SAYO 115008	4640	Cx tarsalis	Woodland	50	CO2	09/09/2025	WNV

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Yolo	SAYO 115008	4642	Cx tarsalis	Woodland	50	CO2	09/09/2025	WNV
Yolo	SAYO 115008	4643	Cx tarsalis	Woodland	50	CO2	09/09/2025	WNV
Yolo	SAYO 115008	4644	Cx tarsalis	Woodland	50	CO2	09/09/2025	WNV
Yolo	SAYO 145017	4628	Cx tarsalis	Davis	2	CO2	09/09/2025	WNV
Yolo	SAYO 146025	4660	Cx tarsalis	Davis	50	CO2	09/09/2025	WNV
Yolo	SAYO 438338	4546	Cx tarsalis	Woodland	50	CO2	09/05/2025	WNV
Yolo	SAYO 438339	4547	Cx tarsalis	Woodland	50	CO2	09/05/2025	WNV
Yolo	SAYO 438342	4716	Cx tarsalis	Davis	50	CO2	09/09/2025	WNV
Yolo	SAYO 438400	4715	Cx tarsalis	Davis	50	CO2	09/09/2025	WNV
Yuba	SUYA 40	584	Cx tarsalis	Linda	18	CO2	09/09/2025	WNV
Yuba	SUYA 8	583	Cx tarsalis	Marysville	12	CO2	09/09/2025	WNV

Sentinel Chickens

County	Site Code	Nearest City	Date Bled	Virus	Band 1	Band 2	Band 3	Band 4	Band 5	Band 6
Butte	BUCO 000002	Oroville	9/2/2025	WNV	3439					
Butte	BUCO 000006	Chico	9/2/2025	WNV	3461					
Butte	BUCO 000004	Gridley	9/2/2025	WNV	3453	3454				
Lake	LAKE 000226	Lower Lake	9/2/2025	WNV	3885	3888				
Sutter	SUYA 000015	Robbins	9/5/2025	WNV	3678	3679	3680	3681	3682	3684
Yuba	SUYA 000007	Marysville	9/5/2025	WNV	3654					

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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>.

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