

## California Arbovirus Surveillance Bulletin #21

Week 36 Friday, September 4, 2020



### Weekly Update

#### **Humans**

A total of 10 human cases of West Nile virus (WNV) illness were reported this week from 5 counties: Contra Costa (2), Los Angeles (4), Merced (1), Riverside (1), and Stanislaus (2).

**These are the first human WNV cases reported from Contra Costa County this year.** In 2020, a total of 45 human WNV cases have been reported from 11 counties. Of the 45 cases, 33 (73%) had neuroinvasive illness and two (4.4%) were fatal. The median age of the individuals was 61 years and 32 (71%) were male. Dates of symptom onset ranged from June 16 to August 19. In addition to the 45 cases, 5 asymptomatic WNV infections have been reported from Los Angeles (2), Merced (1), and Stanislaus (2) counties. At this time last year, 62 human WNV cases had been reported from 13 counties.

#### **Dead Birds**

A total of 29 WNV positive dead birds were reported this week from 5 counties: Fresno (1), Los Angeles (2), Orange (6), Sacramento (12), and Yolo (8). In 2020, a total of 171 WNV positive dead birds have been reported from 17 counties. At this time last year, 103 WNV positive dead birds had been reported from 16 counties.

#### **Mosquito Pools**

##### West Nile virus

A total of 297 WNV positive mosquito pools were reported this week from 19 counties: Butte (4), Contra Costa (1), Fresno (42), Kern (15), Kings (16), Los Angeles (9), Madera (22), Orange (36), Placer (3), Riverside (2), Sacramento (12), San Bernardino (8), San Joaquin (48), Shasta (8), Solano (2), Stanislaus (33), Sutter (1), Tulare (27), and Yolo (8). In 2020, a total of 1,717 WNV positive mosquito pools have been reported from 26 counties. At this time last year, 2,815 WNV positive mosquito pools had been reported from 24 counties.

##### St. Louis encephalitis virus

A total of 32 St. Louis encephalitis virus (SLEV) positive mosquito pools were reported this week from 7 counties: Fresno (15), Imperial (1), Kern (3), Kings (1), Madera (3), Riverside (8), and Tulare (1). In 2020, a total of 300 SLEV positive mosquito pools have been reported from Fresno (116), Imperial (10), Kern (15), Kings (6), Madera (5), Riverside (139), San Joaquin (1) and Tulare (8) counties. At this time last year, 224 SLEV positive mosquito pools had been reported from 9 counties.

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### Sentinel Chickens

A total of 15 WNV positive chickens were reported this week from 4 counties: Butte (2), Sutter (8), Tehama (1), and Tulare (4). **This is the first detection of WNV activity from Tehama County this year.** In 2020, a total of 56 chickens have tested positive for WNV from 7 counties. At this time last year, 81 WNV positive chickens had been reported from 11 counties.

2019 & 2020 YTD West Nile Virus Comparisons		
	2019	2020
Total # Dead Bird Reports	4,161	4,024
# Positive Counties	29	30
# Human Cases	62	45
# Positive Dead Birds / # Tested	103 / 1,269	171 / 1,093
# Positive Mosquito Pools / # Tested	2,815 / 33,377	1,717 / 28,880
# Seroconversions / # Tested	81 / 6,363	56 / 4,550

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<b>YTD WNV Activity by Element and County, 2020</b>					
<b>County</b>	<b>Humans*</b>	<b>Horses</b>	<b>Dead Birds</b>	<b>Mosquito Pools</b>	<b>Sentinel Chickens</b>
Alameda			1		
Amador		1			
Butte	4		2	24	14
Contra Costa	2		7	8	
Fresno			5	228	
Glenn		1		2	1
Imperial				3	
Kern				60	
Kings				63	
Lake				11	
Los Angeles	9		33	198	3
Madera	2			55	
Merced	3	1	2	41	14
Napa			1		
Orange	2		20	148	
Placer	1		1	54	
Riverside	2	2	1	51	
Sacramento			71	80	
San Bernardino				10	
San Diego	1			2	
San Joaquin		1	2	150	
Santa Clara			5	8	
Shasta				19	
Solano			1	5	
Stanislaus	18	2	4	299	
Sutter	1			20	18
Tehama					1
Tulare			1	115	5
Yolo			14	61	
Yuba				2	
<b>Totals</b>	<b>45</b>	<b>8</b>	<b>171</b>	<b>1,717</b>	<b>56</b>

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## TESTING SUMMARIES

### Humans

		WNV	SLE	WEE
Human Cases	Week	10	0	0
	YTD	45	0	0

### Dead Birds

		Number Tested	WNV Positive
Dead Birds	Week	51	29
	YTD	1,093	171

### Chickens

		Number Tested	WNV Positive	SLEV Positive	WEEV Positive
Chicken Sera	Week	216	15	0	0
	YTD	4,550	56	0	0

### Mosquitoes

		Positive / Total Tested					
Mosquito Pools	Week	WNV	SLEV	WEEV	CHIK	DENV	ZIKA
		297 / 1,802	32 / 1,644	0 / 1,471	0 / 45	0 / 45	0 / 45
		YTD	1,717 / 28,880	300 / 27,440	0 / 25,686	0 / 286	0 / 286

## NEW POSITIVES

### Dead Birds

County	Agency	City	Zip Code	Species	Date Reported	Virus
Fresno	Consolidated MAD	Selma	93662	Unknown-hawk	8/3/2020	WNV
Los Angeles	Greater Los Angeles Co VCD - Sylmar	Los Angeles	91607	Unknown - Psittacine	8/18/2020	WNV
Los Angeles	Greater Los Angeles Co VCD - Sylmar	Los Angeles	91607	Unknown - Psittacine	8/18/2020	WNV
Orange	Orange Co VCD	Cypress	90630	American Crow	8/14/2020	WNV
Orange	Orange Co VCD	Fullerton	92831	American Crow	8/29/2020	WNV
Orange	Orange Co VCD	Huntington Beach	92646	American Crow	8/24/2020	WNV
Orange	Orange Co VCD	Huntington Beach	92648	American Crow	8/15/2020	WNV
Orange	Orange Co VCD	Orange	92868	American Crow	8/20/2020	WNV
Orange	Orange Co VCD	Santa Ana	92704	American Crow	8/28/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Antelope	95843	American Crow	8/31/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	California Scrub-Jay	8/24/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	California Scrub-Jay	8/24/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Elk Grove	95757	Northern Mockingbird	8/26/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Fair Oaks	95628	California Towhee	8/21/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Galt	95632	House Finch	8/26/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Galt	95632	House Finch	8/27/2020	WNV
Sacramento	Sacramento-Yolo MVCD	North Highlands	95660	California Scrub-Jay	8/28/2020	WNV

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Sacramento	Sacramento-Yolo MVCD	North Highlands	95660	California Scrub-Jay	8/31/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	Yellow-billed Magpie	8/25/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	American Robin	8/23/2020	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	Yellow-billed Magpie	8/25/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95616	American Crow	8/24/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95616	American Crow	8/24/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95616	American Crow	8/29/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95616	California Scrub-Jay	8/27/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95618	American Crow	8/26/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95618	California Scrub-Jay	8/26/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95618	California Scrub-Jay	8/28/2020	WNV
Yolo	Sacramento-Yolo MVCD	Davis	95618	House Finch	8/23/2020	WNV

### Mosquito Pools

County	Site Code	Pool #	Species	City	# in Pool	Trap Type	Collected	Virus
Butte	BUCO11	365	Cx. tarsalis	Oroville	34	CO2	8/27/2020	WNV
Butte	BUCO118	370	Cx. tarsalis	Chico	47	CO2	9/1/2020	WNV
Butte	BUCO129	349	Cx. tarsalis	Gridley	40	CO2	8/24/2020	WNV
Butte	BUCO176	348	Cx. tarsalis	Gridley	50	CO2	8/24/2020	WNV
Contra Costa	CNTR2605	205	Cx. pipiens	Brentwood	18	CO2	8/31/2020	WNV
Fresno	CNSL1280	1103	Cx. quinquefasciatus	Fresno	50	GRVD	8/27/2020	SLEV
Fresno	CNSL1286	1105	Cx. quinquefasciatus	Fresno	50	GRVD	8/27/2020	SLEV
Fresno	CNSL1286	1105	Cx. quinquefasciatus	Fresno	50	GRVD	8/27/2020	WNV
Fresno	CNSL1398	892	Cx. quinquefasciatus	Clovis	15	GRVD	8/27/2020	SLEV
Fresno	CNSL1398	892	Cx. quinquefasciatus	Clovis	15	GRVD	8/27/2020	WNV
Fresno	CNSL1521	1113	Cx. quinquefasciatus	Fresno	17	GRVD	8/28/2020	SLEV
Fresno	CNSL1538	1097	Cx. quinquefasciatus	Clovis	31	GRVD	8/26/2020	SLEV
Fresno	CNSL1661	1100	Cx. quinquefasciatus	Clovis	23	GRVD	8/26/2020	SLEV
Fresno	CNSL1677	891	Cx. quinquefasciatus	Clovis	13	GRVD	8/27/2020	WNV
Fresno	CNSL1694	1104	Cx. quinquefasciatus	Fresno	23	GRVD	8/27/2020	SLEV
Fresno	CNSL1718	1112	Cx. quinquefasciatus	Fresno	19	GRVD	8/28/2020	WNV
Fresno	CNSL1874	877	Cx. quinquefasciatus	Clovis	32	GRVD	8/25/2020	SLEV
Fresno	CNSL1874	877	Cx. quinquefasciatus	Clovis	32	GRVD	8/25/2020	WNV
Fresno	CNSL1882	1064	Cx. quinquefasciatus	Fresno	50	GRVD	8/25/2020	SLEV
Fresno	CNSL1882	1064	Cx. quinquefasciatus	Fresno	50	GRVD	8/25/2020	WNV
Fresno	CNSL2265	883	Cx. quinquefasciatus	Sanger	50	GRVD	8/26/2020	WNV
Fresno	CNSL2463	1109	Cx. quinquefasciatus	Sanger	50	GRVD	8/28/2020	WNV
Fresno	CNSL2523	906	Cx. quinquefasciatus	Sanger	32	CO2	8/28/2020	WNV
Fresno	CNSL2529	1110	Cx. quinquefasciatus	Sanger	50	GRVD	8/28/2020	WNV
Fresno	CNSL2529	1111	Cx. tarsalis	Sanger	50	CO2	8/28/2020	WNV
Fresno	CNSL3109	880	Cx. quinquefasciatus	Reedley	37	GRVD	8/26/2020	WNV
Fresno	CNSL5021	1096	Cx. quinquefasciatus	Laton	50	GRVD	8/26/2020	WNV
Fresno	CNSL5038	881	Cx. quinquefasciatus	Kingsburg	23	GRVD	8/26/2020	WNV
Fresno	CNSL5105	882	Cx. quinquefasciatus	Kingsburg	50	BGSENT	8/26/2020	WNV
Fresno	CNSL5129	1115	Cx. quinquefasciatus	Kingsburg	19	GRVD	8/28/2020	WNV
Fresno	CNSL5150	1117	Cx. quinquefasciatus	Laton	30	GRVD	8/28/2020	WNV
Fresno	CNSL5202	888	Cx. quinquefasciatus	Kingsburg	34	GRVD	8/26/2020	WNV
Fresno	CNSL5209	1118	Cx. quinquefasciatus	Laton	50	GRVD	8/28/2020	WNV
Fresno	CNSL5210	1116	Cx. quinquefasciatus	Kingsburg	50	GRVD	8/28/2020	WNV

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Fresno	CNSL9075	879	Cx. quinquefasciatus	Clovis	14	GRVD	8/25/2020	SLEV
Fresno	CNSL9128	884	Cx. quinquefasciatus	Clovis	31	GRVD	8/26/2020	SLEV
Fresno	CNSL9200	1092	Cx. quinquefasciatus	Fresno	21	GRVD	8/25/2020	SLEV
Fresno	CNSL9200	1092	Cx. quinquefasciatus	Fresno	21	GRVD	8/25/2020	WNV
Fresno	FRNO112	420	Cx. quinquefasciatus	Fresno	28	GRVD	8/27/2020	WNV
Fresno	FRNO151	462	Cx. quinquefasciatus	Fresno	50	GRVD	9/2/2020	WNV
Fresno	FRNO187	422	Cx. quinquefasciatus	Fresno	21	GRVD	8/27/2020	WNV
Fresno	FRNO238	459	Cx. quinquefasciatus	Fresno	50	GRVD	9/2/2020	WNV
Fresno	FRNO238	460	Cx. quinquefasciatus	Fresno	33	GRVD	9/2/2020	SLEV
Fresno	FRNO267	458	Cx. quinquefasciatus	Fresno	37	CO2	9/2/2020	WNV
Fresno	FRNO8	421	Cx. quinquefasciatus	Fresno	43	GRVD	8/27/2020	WNV
Fresno	FRNO8002	427	Cx. quinquefasciatus	Fresno	14	CO2	8/27/2020	WNV
Fresno	FRNO8002	428	Cx. tarsalis	Fresno	13	CO2	8/27/2020	WNV
Fresno	FRNO8006	429	Cx. quinquefasciatus	Fresno	50	GRVD	8/27/2020	WNV
Fresno	FRNO8006	430	Cx. quinquefasciatus	Fresno	50	GRVD	8/27/2020	WNV
Fresno	FRNO8006	431	Cx. quinquefasciatus	Fresno	50	GRVD	8/27/2020	WNV
Fresno	FRNO8006	432	Cx. quinquefasciatus	Fresno	50	GRVD	8/27/2020	WNV
Fresno	FRWS0	261	Cx. tarsalis	Firebaugh	24	CO2	9/1/2020	WNV
Fresno	FRWS1101	279	Cx. tarsalis	Dos Palos	50	CO2	9/1/2020	WNV
Fresno	FRWS300011	277	Cx. tarsalis	Firebaugh	50	CO2	9/1/2020	SLEV
Fresno	FRWS30040	257	Cx. quinquefasciatus	Firebaugh	50	BGSENT	8/27/2020	SLEV
Fresno	FRWS30040	257	Cx. quinquefasciatus	Firebaugh	50	BGSENT	8/27/2020	WNV
Fresno	FRWS30040	258	Cx. quinquefasciatus	Firebaugh	50	BGSENT	8/27/2020	WNV
Fresno	FRWS3201	283	Cx. tarsalis	Firebaugh	33	CO2	9/1/2020	WNV
Fresno	FRWS4102	265	Cx. tarsalis	Kerman	50	CO2	9/1/2020	WNV
Fresno	FRWS4102	266	Cx. tarsalis	Kerman	24	CO2	9/1/2020	WNV
Fresno	FRWS5110	268	Cx. tarsalis	Tranquillity	44	CO2	9/1/2020	WNV
Fresno	FRWS5302	263	Cx. tarsalis	Helm	50	CO2	9/1/2020	WNV
Imperial	IMPR121	97	Cx. tarsalis	Niland	10	BGSENT	9/1/2020	SLEV
Kern	DLNO1	248	Cx. quinquefasciatus	McFarland	50	BGSENT	8/27/2020	WNV
Kern	DLNO103	245	Cx. quinquefasciatus	McFarland	50	CO2	8/26/2020	WNV
Kern	DLNO118	261	Cx. quinquefasciatus	Delano	35	GRVD	9/1/2020	WNV
Kern	DLNO141	251	Cx. quinquefasciatus	McFarland	27	GRVD	8/28/2020	WNV
Kern	DLNO21	244	Cx. quinquefasciatus	Delano	50	CO2	8/26/2020	WNV
Kern	DLNO89	252	Cx. quinquefasciatus	Delano	24	GRVD	8/28/2020	WNV
Kern	KERN1005	476	Cx. quinquefasciatus	Bakersfield	38	GRVD	8/28/2020	WNV
Kern	KERN1114	458	Cx. quinquefasciatus	Bakersfield	50	CO2	8/25/2020	SLEV
Kern	KERN114	459	Cx. quinquefasciatus	Bakersfield	50	CO2	8/25/2020	WNV
Kern	KERN12	474	Cx. quinquefasciatus	Bakersfield	50	GRVD	8/27/2020	SLEV
Kern	KERN12	474	Cx. quinquefasciatus	Bakersfield	50	GRVD	8/27/2020	WNV
Kern	KERN156	462	Cx. quinquefasciatus	Butttonwillow	50	CO2	8/25/2020	WNV
Kern	KERN2002	477	Cx. quinquefasciatus	Bakersfield	50	GRVD	8/28/2020	WNV
Kern	KERN2011	472	Cx. quinquefasciatus	Bakersfield	43	GRVD	8/27/2020	WNV
Kern	KERN2030	471	Cx. quinquefasciatus	Bakersfield	46	GRVD	8/27/2020	WNV
Kern	KERN2042	454	Cx. quinquefasciatus	Lamont	32	GRVD	8/25/2020	SLEV
Kern	KERN2042	454	Cx. quinquefasciatus	Lamont	32	GRVD	8/25/2020	WNV
Kern	KERN3029	464	Cx. quinquefasciatus	Buttonwillow	50	CO2	8/25/2020	WNV
Kings	KNGS3000	451	Cx. tarsalis	Lemoore	50	CO2	8/26/2020	WNV
Kings	KNGS3000	452	Cx. tarsalis	Lemoore	11	CO2	8/26/2020	WNV
Kings	KNGS3004	436	Cx. tarsalis	Lemoore	50	CO2	8/25/2020	WNV

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Kings	KNGS3018	447	Cx. tarsalis	Lemoore	50	CO2	8/26/2020	WNV
Kings	KNGS3018	448	Cx. tarsalis	Lemoore	50	CO2	8/26/2020	SLEV
Kings	KNGS3030	466	Cx. tarsalis	Lemoore	18	CO2	8/28/2020	WNV
Kings	KNGS3067	439	Cx. tarsalis	Riverdale	46	CO2	8/25/2020	WNV
Kings	KNGS3098	441	Cx. pipiens	Hardwick	20	CO2	8/25/2020	WNV
Kings	KNGS3303	433	Cx. tarsalis	Corcoran	15	BGSENT	8/25/2020	WNV
Kings	KNGS3303	434	Cx. pipiens	Corcoran	28	BGSENT	8/25/2020	WNV
Kings	KNGS4401	445	Cx. tarsalis	Lemoore	19	BGSENT	8/26/2020	WNV
Kings	KNGS4403	443	Cx. pipiens	Lemoore	50	BGSENT	8/26/2020	WNV
Kings	KNGS55091	457	Cx. pipiens	Hanford	22	BGSENT	8/27/2020	WNV
Kings	KNGS5516	462	Cx. pipiens	Hanford	50	BGSENT	8/28/2020	WNV
Kings	KNGS5516	463	Cx. pipiens	Hanford	50	BGSENT	8/28/2020	WNV
Kings	KNGS5516	464	Cx. pipiens	Hanford	50	BGSENT	8/28/2020	WNV
Kings	KNGS5516	465	Cx. tarsalis	Hanford	15	BGSENT	8/28/2020	WNV
Los Angeles	ANTV3100	99	Cx. quinquefasciatus	Palmdale	12	GRVD	9/3/2020	WNV
Los Angeles	LACW1009	504	Cx. quinquefasciatus	Los Angeles	20	GRVD	8/25/2020	WNV
Los Angeles	LACW1012	508	Cx. quinquefasciatus	Venice	18	GRVD	8/25/2020	WNV
Los Angeles	LACW1026	503	Cx. quinquefasciatus	Los Angeles	22	GRVD	8/25/2020	WNV
Los Angeles	LACW1054	516	Cx. quinquefasciatus	Inglewood	47	CO2	8/27/2020	WNV
Los Angeles	SGVA1069	931	Cx. quinquefasciatus	La Puente	14	GRVD	9/1/2020	WNV
Los Angeles	SGVA1077	937	Cx. quinquefasciatus	La Puente	46	GRVD	9/1/2020	WNV
Los Angeles	SGVA450	924	Cx. quinquefasciatus	La Puente	29	GRVD	9/1/2020	WNV
Los Angeles	SGVA7	932	Cx. quinquefasciatus	Claremont	19	GRVD	9/1/2020	WNV
Madera	MADR1109	281	Cx. quinquefasciatus	Madera	24	CO2	8/20/2020	WNV
Madera	MADR1109	283	Cx. tarsalis	Madera	50	CO2	8/20/2020	WNV
Madera	MADR1109	316	Cx. tarsalis	Madera	33	CO2	8/27/2020	WNV
Madera	MADR12	292	Cx. quinquefasciatus	Madera	28	CO2	8/21/2020	WNV
Madera	MADR178	286	Cx. quinquefasciatus	Madera	50	CO2	8/20/2020	WNV
Madera	MADR195	294	Cx. quinquefasciatus	Madera	50	CO2	8/21/2020	WNV
Madera	MADR195	295	Cx. tarsalis	Madera	50	CO2	8/21/2020	WNV
Madera	MADR195	323	Cx. quinquefasciatus	Madera	50	CO2	8/28/2020	WNV
Madera	MADR195	324	Cx. tarsalis	Madera	50	CO2	8/28/2020	SLEV
Madera	MADR195	324	Cx. tarsalis	Madera	50	CO2	8/28/2020	WNV
Madera	MADR198	320	Cx. tarsalis	Madera	10	CO2	8/28/2020	WNV
Madera	MADR204	319	Cx. tarsalis	Madera	8	CO2	8/28/2020	WNV
Madera	MADR208	285	Cx. tarsalis	Madera	33	CO2	8/20/2020	WNV
Madera	MADR239	288	Cx. quinquefasciatus	Madera	11	CO2	8/20/2020	WNV
Madera	MADR299	301	Cx. quinquefasciatus	Chowchilla	50	CO2	8/25/2020	WNV
Madera	MADR3334	280	Cx. tarsalis	Madera	21	CO2	8/20/2020	WNV
Madera	MADR3334	314	Cx. quinquefasciatus	Madera	50	CO2	8/27/2020	WNV
Madera	MADR3334	315	Cx. tarsalis	Madera	50	CO2	8/27/2020	WNV
Madera	MADR692	275	Cx. quinquefasciatus	Madera	21	CO2	8/19/2020	WNV
Madera	MADR692	307	Cx. quinquefasciatus	Madera	8	CO2	8/26/2020	WNV
Madera	MADR889	271	Cx. quinquefasciatus	Firebaugh	42	CO2	8/18/2020	WNV
Madera	MADR889	272	Cx. tarsalis	Firebaugh	50	CO2	8/18/2020	WNV
Madera	MADR889	303	Cx. quinquefasciatus	Firebaugh	50	CO2	8/25/2020	SLEV
Madera	MADR889	303	Cx. quinquefasciatus	Firebaugh	50	CO2	8/25/2020	WNV
Madera	MADR889	304	Cx. tarsalis	Firebaugh	50	CO2	8/25/2020	SLEV
Orange	ORCO1005	3848	Cx. quinquefasciatus	Buena Park	39	GRVD	9/2/2020	WNV
Orange	ORCO1005	3860	Cx. quinquefasciatus	Buena Park	22	GRVD	9/2/2020	WNV

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Orange	ORCO1008	3847	Cx. quinquefasciatus	Fullerton	13	GRVD	9/2/2020	WNV
Orange	ORCO1008	3854	Cx. quinquefasciatus	Fullerton	18	GRVD	9/2/2020	WNV
Orange	ORCO1008	3861	Cx. quinquefasciatus	Fullerton	16	GRVD	9/2/2020	WNV
Orange	ORCO1008	3868	Cx. quinquefasciatus	Fullerton	41	GRVD	9/2/2020	WNV
Orange	ORCO1010	3772	Cx. quinquefasciatus	Huntington Beach	23	GRVD	9/1/2020	WNV
Orange	ORCO1010	3774	Cx. quinquefasciatus	Huntington Beach	13	GRVD	9/1/2020	WNV
Orange	ORCO1011	3845	Cx. quinquefasciatus	La Habra	45	GRVD	9/2/2020	WNV
Orange	ORCO1037	3837	Cx. quinquefasciatus	La Habra	50	GRVD	9/1/2020	WNV
Orange	ORCO202	3789	Cx. quinquefasciatus	Fullerton	9	GRVD	9/1/2020	WNV
Orange	ORCO215	3884	Cx. quinquefasciatus	La Habra	27	CO2	9/3/2020	WNV
Orange	ORCO218	3777	Cx. quinquefasciatus	Anaheim	39	GRVD	9/1/2020	WNV
Orange	ORCO218	3778	Cx. quinquefasciatus	Anaheim	38	GRVD	9/1/2020	WNV
Orange	ORCO218	3784	Cx. quinquefasciatus	Anaheim	45	GRVD	9/1/2020	WNV
Orange	ORCO218	3792	Cx. quinquefasciatus	Anaheim	28	GRVD	9/1/2020	WNV
Orange	ORCO218	3853	Cx. quinquefasciatus	Anaheim	29	GRVD	9/2/2020	WNV
Orange	ORCO218	3857	Cx. quinquefasciatus	Anaheim	18	GRVD	9/2/2020	WNV
Orange	ORCO218	3863	Cx. quinquefasciatus	Anaheim	34	GRVD	9/2/2020	WNV
Orange	ORCO218	3865	Cx. quinquefasciatus	Anaheim	25	GRVD	9/2/2020	WNV
Orange	ORCO218	3866	Cx. quinquefasciatus	Anaheim	31	GRVD	9/2/2020	WNV
Orange	ORCO218	3878	Cx. quinquefasciatus	Anaheim	45	GRVD	9/2/2020	WNV
Orange	ORCO236	3788	Cx. quinquefasciatus	Garden Grove	27	GRVD	9/1/2020	WNV
Orange	ORCO238	3888	Cx. quinquefasciatus	Anaheim	36	GRVD	9/3/2020	WNV
Orange	ORCO244	3823	Cx. quinquefasciatus	Garden Grove	29	GRVD	9/1/2020	WNV
Orange	ORCO297	3806	Cx. quinquefasciatus	Anaheim	20	GRVD	9/1/2020	WNV
Orange	ORCO300	3899	Cx. quinquefasciatus	Westminster	34	GRVD	9/3/2020	WNV
Orange	ORCO319	3841	Cx. quinquefasciatus	Buena Park	49	GRVD	9/1/2020	WNV
Orange	ORCO33	3821	Cx. quinquefasciatus	Westminster	20	GRVD	9/1/2020	WNV
Orange	ORCO34	3808	Cx. quinquefasciatus	Brea	24	BGSENT	9/1/2020	WNV
Orange	ORCO34	3831	Cx. quinquefasciatus	Brea	47	GRVD	9/1/2020	WNV
Orange	ORCO50	3828	Cx. quinquefasciatus	Buena Park	17	GRVD	9/1/2020	WNV
Orange	ORCO81	3896	Cx. quinquefasciatus	Seal Beach	10	GRVD	9/3/2020	WNV
Orange	ORCO82	3829	Cx. quinquefasciatus	Cypress	51	GRVD	9/1/2020	WNV
Orange	ORCO83	3898	Cx. quinquefasciatus	Costa Mesa	51	GRVD	9/3/2020	WNV
Orange	ORCO84	3820	Cx. quinquefasciatus	Orange	20	GRVD	9/1/2020	WNV
Placer	PLCR191218	1503	Cx. tarsalis	Roseville	50	CO2	9/1/2020	WNV
Placer	PLCR198707	1538	Cx. tarsalis	Lincoln	50	CO2	9/1/2020	WNV
Placer	PLCR88	1590	Cx. pipiens	Lincoln	1	CO2	9/3/2020	WNV
Riverside	COAV13	3713	Cx. tarsalis	Thermal	42	CO2	9/1/2020	SLEV
Riverside	COAV131	3668	Cx. tarsalis	Oasis	50	CO2	9/1/2020	SLEV
Riverside	COAV131	3669	Cx. tarsalis	Oasis	50	CO2	9/1/2020	SLEV
Riverside	COAV131	3669	Cx. tarsalis	Oasis	50	CO2	9/1/2020	WNV
Riverside	COAV132	3690	Cx. tarsalis	Oasis	50	CO2	9/1/2020	SLEV
Riverside	COAV132	3691	Cx. tarsalis	Oasis	50	CO2	9/1/2020	SLEV
Riverside	COAV33	3689	Cx. tarsalis	Thermal	45	CO2	9/1/2020	SLEV
Riverside	COAV35	3719	Cx. tarsalis	Mecca	17	CO2	9/1/2020	SLEV
Riverside	COAV6	3712	Cx. tarsalis	Oasis	26	CO2	9/1/2020	WNV
Riverside	COAV8	3665	Cx. tarsalis	Oasis	35	CO2	9/1/2020	SLEV
Sacramento	SAYO202006	5324	Cx. tarsalis	Sacramento	50	CO2	9/1/2020	WNV
Sacramento	SAYO212006	5302	Cx. tarsalis	Sacramento	35	CO2	9/1/2020	WNV
Sacramento	SAYO212033	5331	Cx. tarsalis	Sacramento	50	CO2	9/1/2020	WNV



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Sacramento	SAYO212033	5332	Cx. tarsalis	Sacramento	50	CO2	9/1/2020	WNV
Sacramento	SAYO214001	4605	Cx. tarsalis	Carmichael	1	CO2	8/21/2020	WNV
Sacramento	SAYO214009	4624	Cx. pipiens	Carmichael	1	GRVD	8/21/2020	WNV
Sacramento	SAYO214057	5066	Cx. pipiens	Fair Oaks	12	GRVD	8/28/2020	WNV
Sacramento	SAYO235001	5108	Cx. tarsalis	Wilton	10	CO2	8/28/2020	WNV
Sacramento	SAYO245026	5111	Cx. tarsalis	Wilton	50	CO2	8/28/2020	WNV
Sacramento	SAYO245026	5114	Cx. tarsalis	Wilton	1	GRVD	8/28/2020	WNV
Sacramento	SAYO254015	5088	Cx. pipiens	Galt	38	CO2	8/28/2020	WNV
Sacramento	SAYO261003	4634	Cx. tarsalis	Isleton	39	CO2	8/21/2020	WNV
San Bernardino	WVAL4586	1620	Cx. quinquefasciatus	Chino	50	BGSENT	9/1/2020	WNV
San Bernardino	WVAL4586	1621	Cx. quinquefasciatus	Chino	50	BGSENT	9/1/2020	WNV
San Bernardino	WVAL4586	1624	Cx. quinquefasciatus	Chino	50	BGSENT	9/1/2020	WNV
San Bernardino	WVAL4586	1626	Cx. quinquefasciatus	Chino	50	BGSENT	9/1/2020	WNV
San Bernardino	WVAL4586	1631	Cx. quinquefasciatus	Chino	50	BGSENT	9/1/2020	WNV
San Bernardino	WVAL4586	1635	Cx. quinquefasciatus	Chino	50	BGSENT	9/1/2020	WNV
San Bernardino	WVAL4586	1636	Cx. quinquefasciatus	Chino	34	BGSENT	9/1/2020	WNV
San Bernardino	WVAL4586	1637	Cx. stigmatosoma	Chino	5	BGSENT	9/1/2020	WNV
San Joaquin	SJCM8008	1657	Cx. tarsalis	Manteca	34	CO2	9/1/2020	WNV
San Joaquin	SJCM8008	1658	Cx. pipiens	Manteca	35	CO2	9/1/2020	WNV
San Joaquin	SJCM8018	1546	Cx. tarsalis	Stockton	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8018	1547	Cx. tarsalis	Stockton	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8018	1548	Cx. tarsalis	Stockton	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8018	1549	Cx. tarsalis	Stockton	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8018	1551	Cx. pipiens	Stockton	11	CO2	9/1/2020	WNV
San Joaquin	SJCM8041	1579	Cx. tarsalis	Lodi	25	CO2	9/1/2020	WNV
San Joaquin	SJCM8047	1695	Cx. pipiens	Stockton	3	CO2	9/3/2020	WNV
San Joaquin	SJCM8048	1666	Cx. tarsalis	Stockton	3	CO2	9/3/2020	WNV
San Joaquin	SJCM8048	1667	Cx. pipiens	Stockton	3	CO2	9/3/2020	WNV
San Joaquin	SJCM8083	1637	Cx. tarsalis	Escalon	9	CO2	9/1/2020	WNV
San Joaquin	SJCM8100	1661	Cx. tarsalis	Tracy	8	CO2	9/3/2020	WNV
San Joaquin	SJCM8111	1566	Cx. pipiens	Stockton	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8161	1659	Cx. tarsalis	Ripon	15	CO2	9/1/2020	WNV
San Joaquin	SJCM8161	1660	Cx. pipiens	Ripon	37	CO2	9/1/2020	WNV
San Joaquin	SJCM8191	1581	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8202	1675	Cx. tarsalis	Tracy	2	CO2	9/3/2020	WNV
San Joaquin	SJCM8203	1613	Cx. tarsalis	Lodi	100	CO2	9/1/2020	WNV
San Joaquin	SJCM8203	1614	Cx. tarsalis	Lodi	100	CO2	9/1/2020	WNV
San Joaquin	SJCM8203	1616	Cx. tarsalis	Lodi	100	CO2	9/1/2020	WNV
San Joaquin	SJCM8203	1617	Cx. tarsalis	Lodi	100	CO2	9/1/2020	WNV
San Joaquin	SJCM8203	1619	Cx. tarsalis	Lodi	100	CO2	9/1/2020	WNV
San Joaquin	SJCM8203	1620	Cx. tarsalis	Lodi	64	CO2	9/1/2020	WNV
San Joaquin	SJCM8203	1621	Cx. pipiens	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1599	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1600	Cx. pipiens	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1601	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1602	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1603	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1604	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1606	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1607	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV

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San Joaquin	SJCM8206	1608	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1609	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1623	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1624	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1625	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1627	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1628	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1629	Cx. tarsalis	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1631	Cx. tarsalis	Lodi	59	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1632	Cx. pipiens	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8206	1633	Cx. pipiens	Lodi	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8210	1654	Cx. tarsalis	Escalon	8	CO2	9/1/2020	WNV
San Joaquin	SJCM8210	1655	Cx. pipiens	Escalon	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8219	1573	Cx. tarsalis	Stockton	50	CO2	9/1/2020	WNV
San Joaquin	SJCM8230	1594	Cx. tarsalis	Thornton	50	CO2	9/1/2020	WNV
Shasta	SHAS10070	587	Cx. pipiens	Shasta Lake City	28	CO2	9/2/2020	WNV
Shasta	SHAS10140	576	Cx. tarsalis	Anderson	37	CO2	9/2/2020	WNV
Shasta	SHAS10140	577	Cx. pipiens	Anderson	26	CO2	9/2/2020	WNV
Shasta	SHAS148	589	Cx. tarsalis	Cottonwood	50	CO2	9/2/2020	WNV
Shasta	SHAS148	590	Cx. tarsalis	Cottonwood	50	CO2	9/2/2020	WNV
Shasta	SHAS148	591	Cx. tarsalis	Cottonwood	30	CO2	9/2/2020	WNV
Shasta	SHAS148	593	Cx. pipiens	Cottonwood	31	CO2	9/2/2020	WNV
Shasta	SHAS346	582	Cx. tarsalis	Anderson	31	CO2	9/2/2020	WNV
Solano	SOLA100004	366	Cx. tarsalis	Davis	43	CO2	9/2/2020	WNV
Solano	SOLA143	382	Cx. tarsalis	Elmira	50	CO2	9/2/2020	WNV
Stanislaus	EAST1093	20390	Cx. pipiens	Oakdale	50	CO2	8/13/2020	WNV
Stanislaus	EAST1093	20391	Cx. pipiens	Oakdale	23	CO2	8/13/2020	WNV
Stanislaus	EAST2002	20422	Cx. pipiens	Modesto	41	GRVD	8/26/2020	WNV
Stanislaus	EAST2016	20381	Cx. pipiens	Oakdale	50	CO2	8/13/2020	WNV
Stanislaus	EAST2016	20383	Cx. pipiens	Oakdale	50	CO2	8/13/2020	WNV
Stanislaus	EAST2016	20387	Cx. pipiens	Oakdale	50	CO2	8/13/2020	WNV
Stanislaus	EAST2026	20378	Cx. pipiens	Modesto	19	GRVD	8/13/2020	WNV
Stanislaus	TRLK1107	918	Cx. tarsalis	Denair	36	CO2	9/1/2020	WNV
Stanislaus	TRLK1308	906	Cx. pipiens	Turlock	50	CO2	9/1/2020	WNV
Stanislaus	TRLK1310	881	Cx. pipiens	Hughson	10	CO2	9/1/2020	WNV
Stanislaus	TRLK1615	846	Cx. pipiens	Modesto	50	CO2	8/25/2020	WNV
Stanislaus	TRLK1615	847	Cx. pipiens	Modesto	50	CO2	8/25/2020	WNV
Stanislaus	TRLK1615	848	Cx. pipiens	Modesto	50	CO2	8/25/2020	WNV
Stanislaus	TRLK1615	849	Cx. tarsalis	Modesto	50	CO2	8/25/2020	WNV
Stanislaus	TRLK1615	850	Cx. tarsalis	Modesto	50	CO2	8/25/2020	WNV
Stanislaus	TRLK1615	851	Cx. tarsalis	Modesto	50	CO2	8/25/2020	WNV
Stanislaus	TRLK1615	852	Cx. tarsalis	Modesto	50	CO2	8/25/2020	WNV
Stanislaus	TRLK1615	853	Cx. pipiens	Modesto	23	CO2	8/25/2020	WNV
Stanislaus	TRLK17152	870	Cx. pipiens	Denair	50	CO2	8/27/2020	WNV
Stanislaus	TRLK17152	871	Cx. pipiens	Denair	47	CO2	8/27/2020	WNV
Stanislaus	TRLK18135	914	Cx. tarsalis	Turlock	25	CO2	9/1/2020	WNV
Stanislaus	TRLK18181	924	Cx. pipiens	Hickman	36	CO2	9/1/2020	WNV
Stanislaus	TRLK1905	929	Cx. pipiens	Denair	50	CO2	9/1/2020	WNV
Stanislaus	TRLK20460	854	Cx. tarsalis	Crows Landing	50	CO2	8/25/2020	WNV
Stanislaus	TRLK20460	856	Cx. pipiens	Crows Landing	50	CO2	8/25/2020	WNV

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Stanislaus	TRLK20460	858	Cx. pipiens	Crows Landing	50	CO2	8/25/2020	WNV
Stanislaus	TRLK20460	861	Cx. pipiens	Crows Landing	50	CO2	8/25/2020	WNV
Stanislaus	TRLK408	889	Cx. pipiens	Turlock	50	CO2	9/1/2020	WNV
Stanislaus	TRLK432	898	Cx. pipiens	Turlock	50	CO2	9/1/2020	WNV
Stanislaus	TRLK432	903	Cx. tarsalis	Turlock	50	CO2	9/1/2020	WNV
Stanislaus	TRLK432	905	Cx. tarsalis	Turlock	25	CO2	9/1/2020	WNV
Stanislaus	TRLK516	921	Cx. pipiens	Denair	50	CO2	9/1/2020	WNV
Stanislaus	TRLK516	922	Cx. tarsalis	Denair	50	CO2	9/1/2020	WNV
Sutter	SUYA31	425	Cx. tarsalis	Rio Oso	11	REST	9/1/2020	WNV
Tulare	DLTA6407	2003	Cx. quinquefasciatus	Dinuba	32	GRVD	9/1/2020	WNV
Tulare	DLTA6420	2008	Cx. quinquefasciatus	Dinuba	23	GRVD	9/1/2020	WNV
Tulare	DLTA8413	1948	Cx. quinquefasciatus	Visalia	10	BGSENT	8/28/2020	SLEV
Tulare	DLTA8414	1925	Cx. quinquefasciatus	Visalia	50	CO2	8/28/2020	WNV
Tulare	DLTA8415	1911	Cx. quinquefasciatus	Visalia	50	CO2	8/28/2020	WNV
Tulare	DLTA8419	2029	Cx. quinquefasciatus	Goshen	17	GRVD	9/2/2020	WNV
Tulare	DLTA8421	1964	Cx. quinquefasciatus	Goshen	50	CO2	9/1/2020	WNV
Tulare	DLTA8421	1966	Cx. quinquefasciatus	Goshen	50	CO2	9/1/2020	WNV
Tulare	DLTA8421	1967	Cx. quinquefasciatus	Goshen	50	CO2	9/1/2020	WNV
Tulare	DLTA8421	1968	Cx. quinquefasciatus	Goshen	50	CO2	9/1/2020	WNV
Tulare	DLTA8421	1969	Cx. quinquefasciatus	Goshen	25	CO2	9/1/2020	WNV
Tulare	DLTA8421	1976	Cx. quinquefasciatus	Goshen	50	CO2	9/1/2020	WNV
Tulare	DLTA8421	1984	Cx. quinquefasciatus	Goshen	50	CO2	9/1/2020	WNV
Tulare	DLTA8422	1957	Cx. quinquefasciatus	Goshen	25	BGSENT	8/28/2020	WNV
Tulare	DLTA9501	1952	Cx. quinquefasciatus	Farmersville	28	GRVD	8/28/2020	WNV
Tulare	TLRE192412	169	Cx. quinquefasciatus	Visalia	50	GRVD	8/14/2020	WNV
Tulare	TLRE192507	176	Cx. quinquefasciatus	Visalia	26	GRVD	8/19/2020	WNV
Tulare	TLRE202404	159	Cx. quinquefasciatus	Tulare	35	GRVD	8/11/2020	WNV
Tulare	TLRE202404	164	Cx. quinquefasciatus	Tulare	50	GRVD	8/13/2020	WNV
Tulare	TLRE202404	184	Cx. quinquefasciatus	Tulare	50	GRVD	8/25/2020	WNV
Tulare	TLRE202409	186	Cx. quinquefasciatus	Tulare	50	GRVD	8/27/2020	WNV
Tulare	TLRE202410	185	Cx. quinquefasciatus	Tulare	50	GRVD	8/26/2020	WNV
Tulare	TLRE202412	189	Cx. quinquefasciatus	Tulare	50	GRVD	8/28/2020	WNV
Tulare	TLRE202413	162	Cx. quinquefasciatus	Tulare	50	GRVD	8/13/2020	WNV
Tulare	TLRE202635	178	Cx. quinquefasciatus	Plainview	50	GRVD	8/21/2020	WNV
Tulare	TLRE212531	180	Cx. quinquefasciatus	Tipton	37	GRVD	8/21/2020	WNV
Tulare	TLRE212531	181	Cx. quinquefasciatus	Tipton	50	GRVD	8/21/2020	WNV
Tulare	TLRE222533	182	Cx. quinquefasciatus	Pixley	50	GRVD	8/21/2020	WNV
Yolo	SAYO103007	5288	Cx. tarsalis	Dunnigan	38	CO2	9/1/2020	WNV
Yolo	SAYO116002	5267	Cx. pipiens	Knights Landing	3	GRVD	9/1/2020	WNV
Yolo	SAYO135006	4581	Cx. tarsalis	Woodland	35	CO2	8/21/2020	WNV
Yolo	SAYO135010	4586	Cx. tarsalis	Woodland	27	CO2	8/21/2020	WNV
Yolo	SAYO135010	4587	Cx. pipiens	Woodland	4	GRVD	8/21/2020	WNV
Yolo	SAYO136010	4596	Cx. tarsalis	Woodland	50	CO2	8/21/2020	WNV
Yolo	SAYO136010	4600	Cx. tarsalis	Woodland	50	CO2	8/21/2020	WNV
Yolo	SAYO145016	5142	Cx. pipiens	Davis	16	GRVD	9/1/2020	WNV

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### Sentinel Chickens

County	Site Code	Nearest City	Date Bled	Virus	Band 01	Band 02	Band 03	Band 04
Butte	BUCO0002	Oroville	8/25/2020	WNV	1830	1832		
Sutter	SUYA0014	Sutter	8/27/2020	WNV	2469	2470	2473	2475
Sutter	SUYA0015	Robbins	8/27/2020	WNV	2479			
Sutter	SUYA0020	Meridian	8/27/2020	WNV	2483			
Sutter	SUYA0030	Live Oak	8/27/2020	WNV	2465	2467		
Tehama	TEHA0001	Red Bluff	8/26/2020	WNV	2520			
Tulare	TLRE202436	Tulare	8/20/2020	WNV	3611	3613	3617	3618

## 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).

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### 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.

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### 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.

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### 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.

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*Website Information:* For updated information on WNV in California, please visit the California WNV website, [www.westnile.ca.gov](http://www.westnile.ca.gov), or the California Vectorborne Disease Surveillance System website, [www.maps.calsurv.org](http://www.maps.calsurv.org). For national information on WNV and other arboviruses, please visit the CDC websites: [www.cdc.gov](http://www.cdc.gov) and [www.cdc.gov/arbonet/maps/ADB\\_Diseases\\_Map/index.html](http://www.cdc.gov/arbonet/maps/ADB_Diseases_Map/index.html)

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