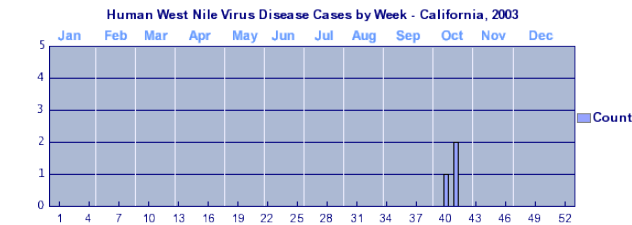


*These data are provisional and may be revised or adjusted in the future.



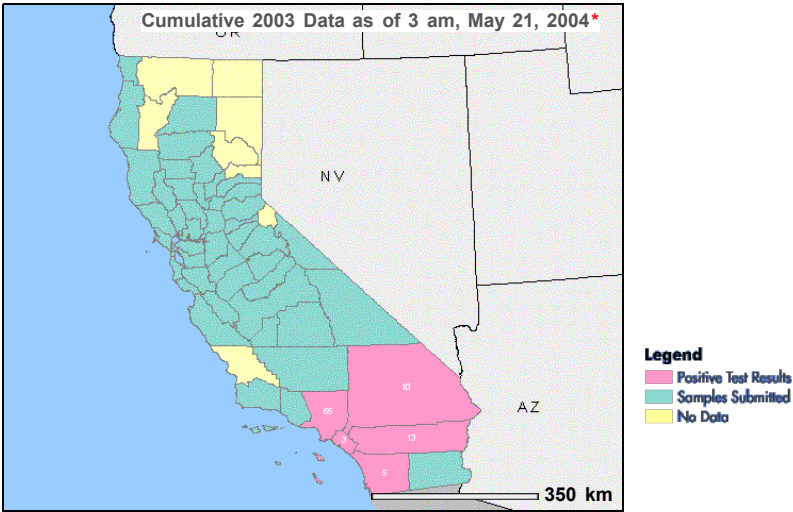
Cumulative Human Disease Cases by County - California, 2003

Imperial County	1
Los Angeles County	1
Riverside County	1

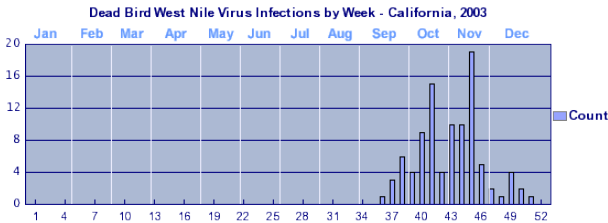
URL: [http:// diseasemaps.usgs.gov /2003/ca_human.html](http://diseasemaps.usgs.gov/2003/ca_human.html)
Last modification: Tuesday May 01, 2007 EST



West Nile Virus Maps: California - Bird



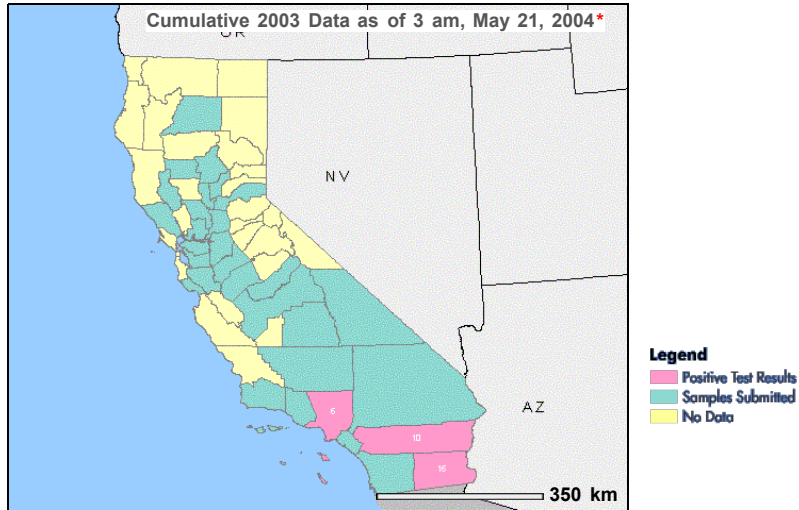
*These data are provisional and may be revised or adjusted in the future.



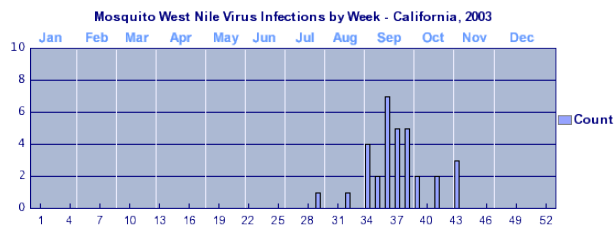
Cumulative Dead Bird Infections by County - California, 2003

Los Angeles County	65
Orange County	3
Riverside County	13
San Bernardino County	10
San Diego County	5

URL: [http:// diseasemaps.usgs.gov /2003/ca_bird.html](http://diseasemaps.usgs.gov/2003/ca_bird.html)
Last modification: Tuesday May 01, 2007 EST

**West Nile Virus Maps: California - Mosquito**

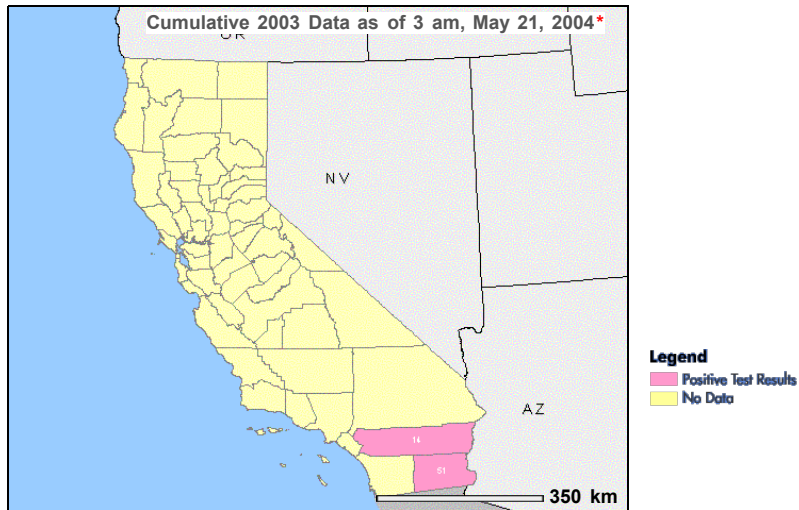
*These data are provisional and may be revised or adjusted in the future.

**Cumulative Mosquito Infections by County - California, 2003**

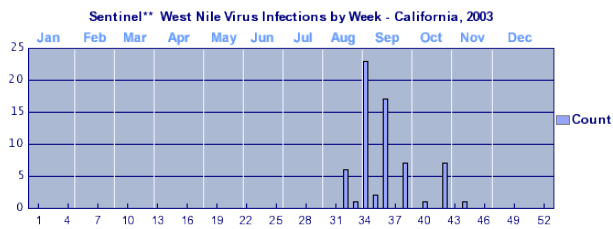
Imperial County 16
Los Angeles County 6
Riverside County 10

URL: http://diseasemaps.usgs.gov/2003/ca_mosquito.html

Last modification: Tuesday May 01, 2007 EST

**West Nile Virus Maps: California - Sentinel**

*These data are provisional and may be revised or adjusted in the future.

**Cumulative Sentinel** Infections by County - California, 2003**

Imperial County 51

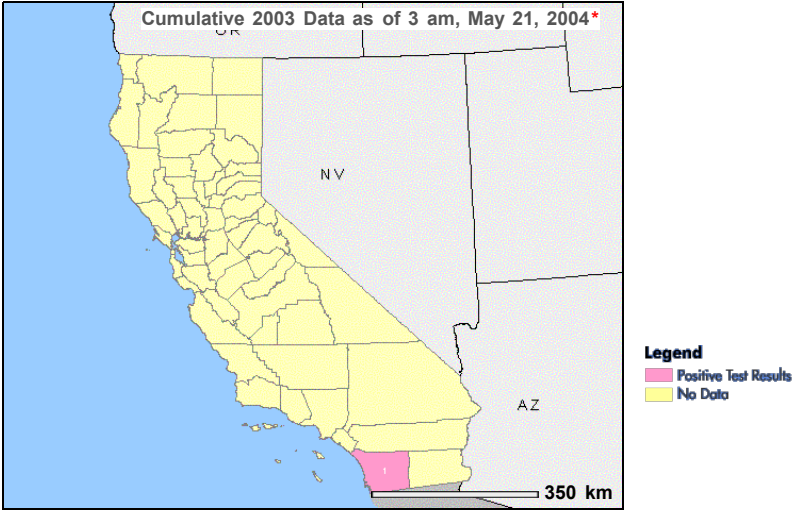
Riverside County 14

**Sentinels may include Birds and/or Horses

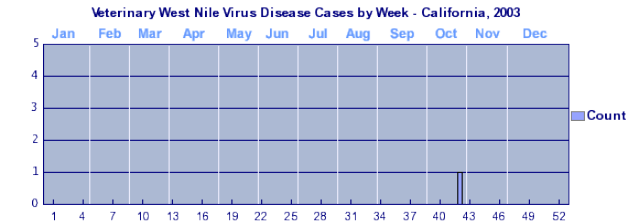
URL: http://diseasemaps.usgs.gov/2003/ca_sentinel.html

Last modification: Tuesday May 01, 2007 EST

West Nile Virus Maps: California - Veterinary



*These data are provisional and may be revised or adjusted in the future.



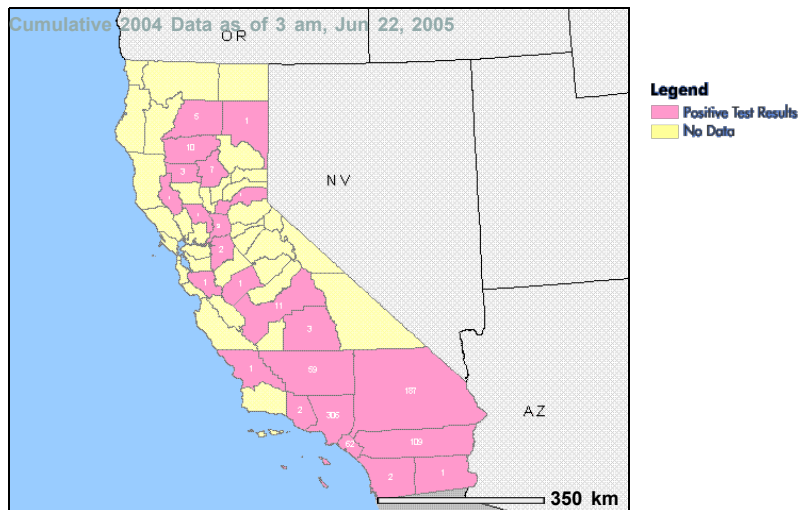
Cumulative Veterinary Disease Cases by County - California, 2003

San Diego County 1

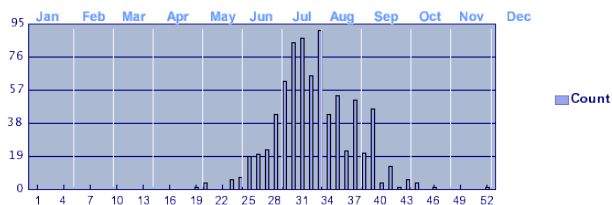
URL: http://diseasemaps.usgs.gov/2003/ca_veterinary.html
Last modification: Tuesday May 01, 2007 EST

**West Nile Virus Maps: California - Human**

Cumulative 2004 Data as of 3 am, Jun 22, 2005



These data are provisional and may be revised or adjusted in the future.

Human West Nile Virus Disease Cases by Week - California, 2004**Cumulative Human Disease Cases by County - California, 2004**

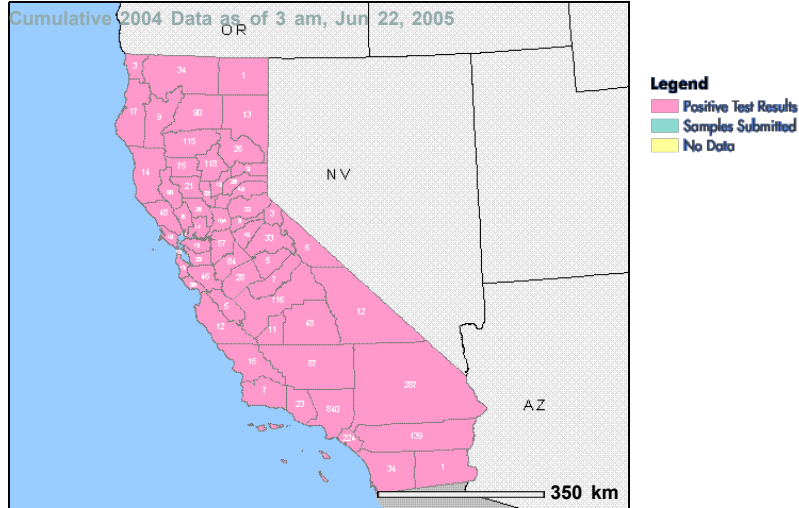
Butte County	7	San Bernardino County	187
Fresno County	11	San Diego County	2
Glenn County	3	San Joaquin County	2
Imperial County	1	San Luis Obispo County	1
Kern County	59	Santa Clara County	1
Lake County	1	Shasta County	5
Lassen County	1	Tehama County	10
Los Angeles County	306	Tulare County	3
Merced County	1	Ventura County	2
Orange County	62	Yolo County	1
Placer County	1		
Riverside County	109		
Sacramento County	3		

URL: http://diseasemaps.usgs.gov/2004/ca_human.html

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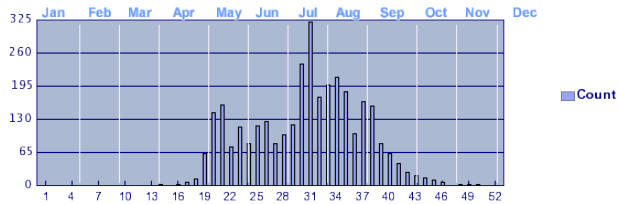


West Nile Virus Maps: California - Bird



These data are provisional and may be revised or adjusted in the future.

Dead Bird West Nile Virus Infections by Week - California, 2004



Cumulative Dead Bird Infections by County - California, 2004

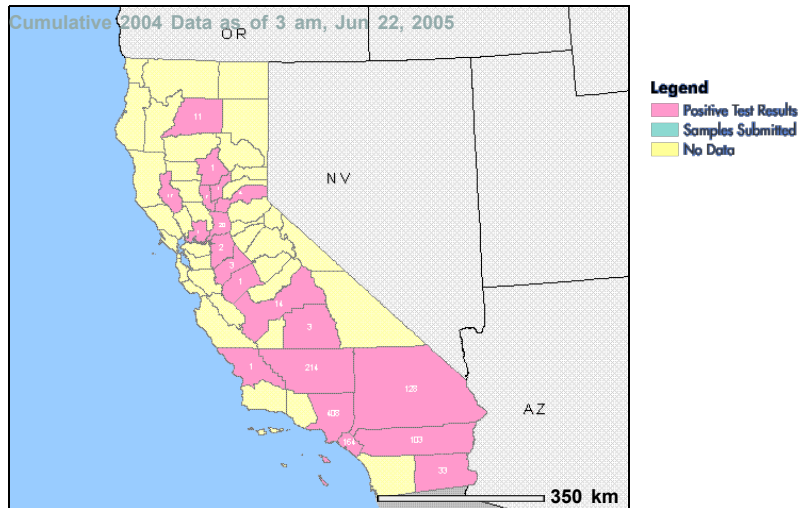
Alameda County	23	Merced County	28	Siskiyou County	34
Alpine County	3	Modoc County	1	Solano County	17
Amador County	9	Mono County	6	Sonoma County	48
Butte County	118	Monterey County	12	Stanislaus County	84
Calaveras County	10	Napa County	6	Sutter County	28
Colusa County	21	Nevada County	26	Tehama County	115
Contra Costa County	19	Orange County	224	Trinity County	9
Del Norte County	3	Placer County	48	Tulare County	48
El Dorado County	22	Plumas County	26	Tuolumne County	33
Fresno County	116	Riverside County	139	Ventura County	23
Glenn County	75	Sacramento County	154	Yolo County	26
Humboldt County	17	San Benito County	5	Yuba County	13
Imperial County	1	San Bernardino County	287		
Inyo County	12	San Diego County	34		
Kern County	87	San Francisco County	15		
Kings County	11	San Joaquin County	57		
Lake County	30	San Luis Obispo County	15		
Lassen County	13	San Mateo County	15		
Los Angeles County	840	Santa Barbara County	7		
Madera County	7	Santa Clara County	46		
Marin County	18	Santa Cruz County	36		
Mariposa County	5	Shasta County	90		
Mendocino County	14	Sierra County	3		

URL: http://diseasemaps.usgs.gov/2004/ca_bird.html

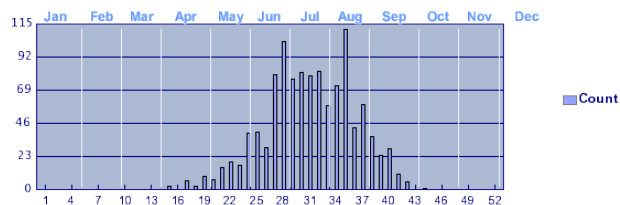
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**West Nile Virus Maps: California - Mosquito**

Cumulative 2004 Data as of 3 am, Jun 22, 2005



These data are provisional and may be revised or adjusted in the future.

Mosquito West Nile Virus Infections by Week - California, 2004**Cumulative Mosquito Infections by County - California, 2004**

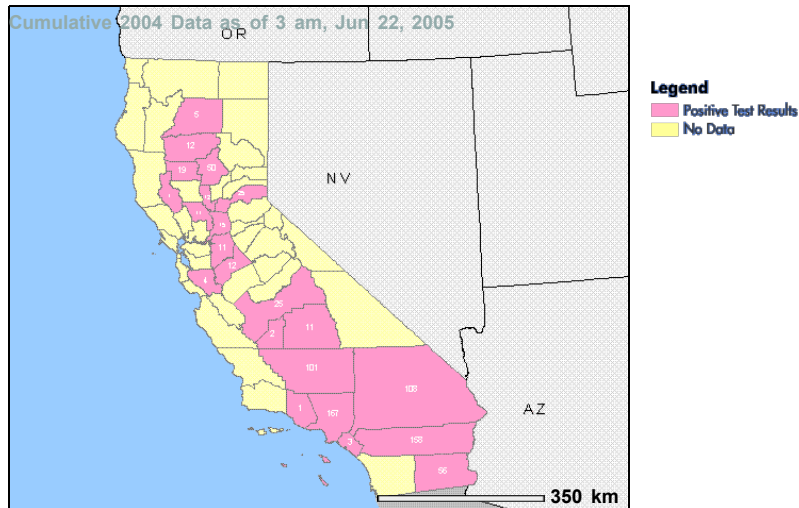
Butte County	1	San Bernardino County	128
Fresno County	14	San Joaquin County	2
Imperial County	33	San Luis Obispo County	1
Kern County	214	Shasta County	11
Lake County	17	Solano County	1
Los Angeles County	408	Stanislaus County	3
Merced County	1	Sutter County	7
Orange County	164	Tulare County	3
Placer County	4	Yuba County	1
Riverside County	103		
Sacramento County	20		

URL: http://diseasemaps.usgs.gov/2004/ca_mosquito.html

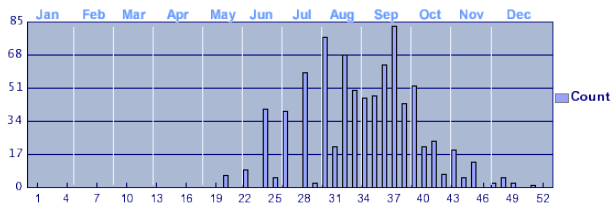
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**West Nile Virus Maps: California - Sentinel**

Cumulative 2004 Data as of 3 am, Jun 22, 2005



These data are provisional and may be revised or adjusted in the future.

Sentinel West Nile Virus Infections by Week - California, 2004****Cumulative Sentinel** Infections by County - California, 2004**

Butte County	50	San Bernardino County	108
Fresno County	25	San Joaquin County	11
Glenn County	19	Santa Clara County	4
Imperial County	56	Shasta County	5
Kern County	101	Stanislaus County	12
Kings County	2	Sutter County	12
Lake County	1	Tehama County	12
Los Angeles County	167	Tulare County	11
Orange County	3	Ventura County	1
Placer County	25	Yolo County	11
Riverside County	158		
Sacramento County	15		

**Sentinels may include Birds and/or Horses.

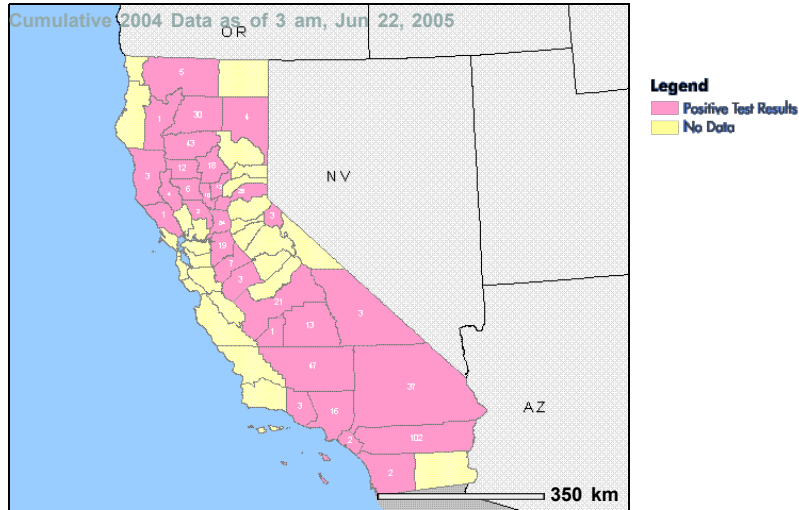
URL: http://diseasemaps.usgs.gov/2004/ca_sentinel.html

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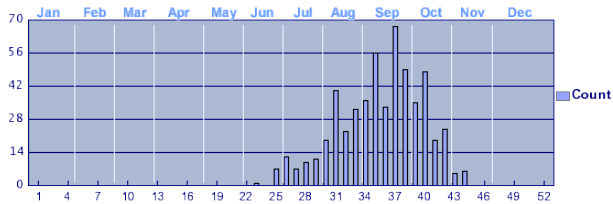
West Nile Virus Maps: California - Veterinary

Cumulative 2004 Data as of 3 am, Jun 22, 2005



These data are provisional and may be revised or adjusted in the future.

Veterinary West Nile Virus Disease Cases by Week - California, 2004



Cumulative Veterinary Disease Cases by County - California, 2004

Alpine County	3	Merced County	3	Sutter County	10
Butte County	18	Orange County	2	Tehama County	43
Colusa County	6	Placer County	26	Trinity County	1
Fresno County	21	Riverside County	102	Tulare County	13
Glenn County	12	Sacramento County	84	Ventura County	3
Inyo County	3	San Bernardino County	37	Yolo County	2
Kern County	47	San Diego County	2	Yuba County	12
Kings County	1	San Joaquin County	19		
Lake County	4	Shasta County	30		
Lassen County	4	Siskiyou County	5		
Los Angeles County	16	Sonoma County	1		
Mendocino County	3	Stanislaus County	7		

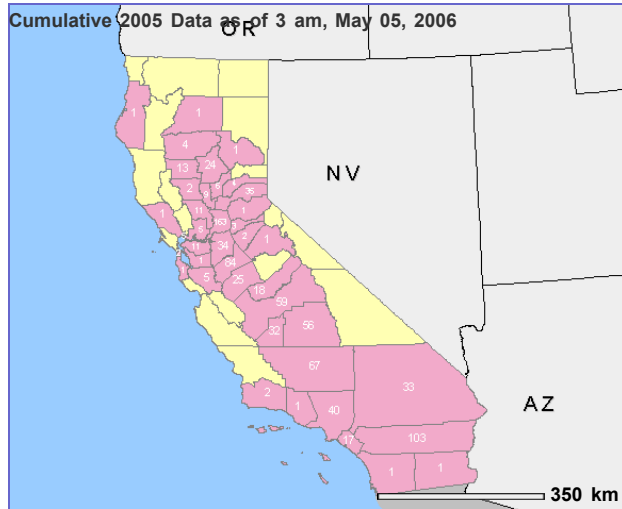
URL: http://diseasemaps.usgs.gov/2004/ca_veterinary.html

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West Nile Virus: California - Human

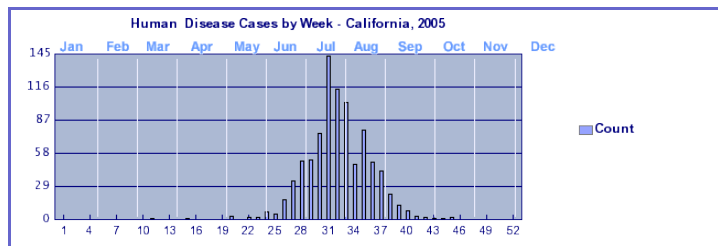
Cumulative 2005 Data as of 3 am, May 05, 2006



Legend
 Positive Test Results
 *No Data

* States shown in yellow are those in which virus activity has been reported historically, but all counties in these states have not necessarily reported virus activity.

These data are provisional and may be revised or adjusted in the future.



Cumulative Human Disease Cases by County - California, 2005

Alameda County	1	Plumas County	1	Yolo County	11
Amador County	3	Riverside County	103	Yuba County	6
Butte County	24	Sacramento County	163		
Calaveras County	2	San Bernardino County	33		
Colusa County	2	San Diego County	1		
Contra Costa County	11	San Francisco County	2		
El Dorado County	1	San Joaquin County	34		
Fresno County	59	San Mateo County	1		
Glenn County	13	Santa Barbara County	2		
Humboldt County	1	Santa Clara County	5		
Imperial County	1	Shasta County	1		
Kern County	67	Solano County	5		
Kings County	32	Sonoma County	1		
Los Angeles County	40	Stanislaus County	84		
Madera County	18	Sutter County	9		
Merced County	25	Tehama County	4		
Nevada County	4	Tulare County	56		
Orange County	17	Tuolumne County	1		
Placer County	35	Ventura County	1		

Cumulative Total Entire State: 880

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2005/wnv/wnv_ca_human.html

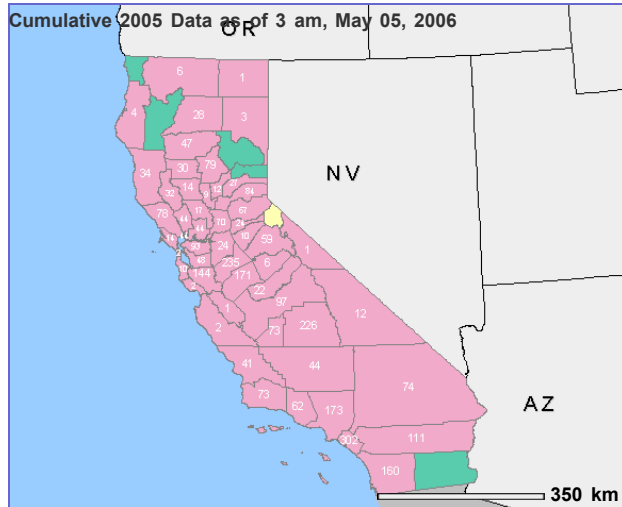
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West Nile Virus: California - Bird

Cumulative 2005 Data as of 3 am, May 05, 2006

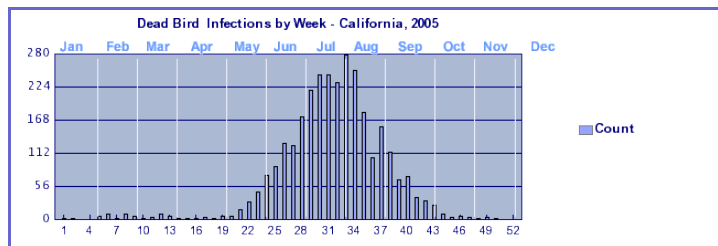


Legend

- Positive Test Results
- Samples Submitted
- *No Data

* States shown in yellow are those in which virus activity has been reported historically, but all counties in these states have not necessarily reported virus activity.

These data are provisional and may be revised or adjusted in the future.



Cumulative Dead Bird Infections by County - California, 2005

Alameda County	48	Mono County	1	Stanislaus County	235
Amador County	24	Monterey County	2	Sutter County	9
Butte County	79	Napa County	44	Tehama County	47
Calaveras County	10	Nevada County	27	Tulare County	226
Colusa County	14	Orange County	302	Tuolumne County	59
Contra Costa County	93	Placer County	84	Ventura County	62
El Dorado County	67	Riverside County	111	Yolo County	17
Fresno County	97	Sacramento County	70	Yuba County	12
Glenn County	30	San Benito County	1		
Humboldt County	4	San Bernardino County	74		
Inyo County	12	San Diego County	160		
Kern County	44	San Francisco County	2		
Kings County	73	San Joaquin County	24		
Lake County	32	San Luis Obispo County	41		
Lassen County	3	San Mateo County	10		
Los Angeles County	173	Santa Barbara County	73		
Madera County	22	Santa Clara County	144		
Marin County	14	Santa Cruz County	2		
Mariposa County	6	Shasta County	28		
Mendocino County	34	Siskiyou County	6		
Merced County	171	Solano County	44		
Modoc County	1	Sonoma County	78		

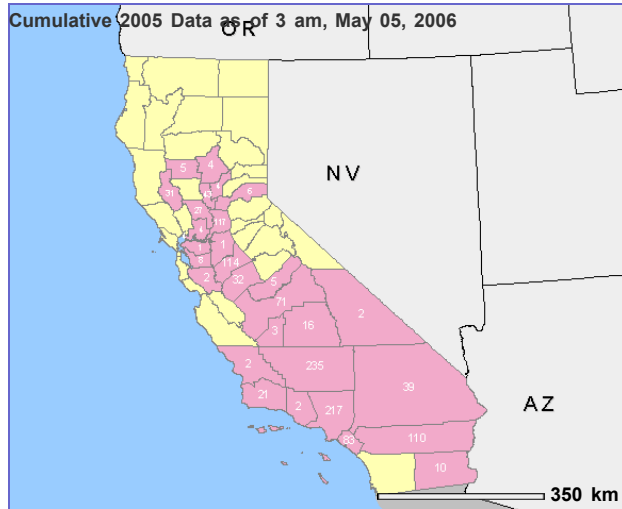
Cumulative Total Entire State: 3046

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2005/wnv/wnv_ca_bird.html
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West Nile Virus: California - Mosquito

Cumulative 2005 Data as of 3 am, May 05, 2006

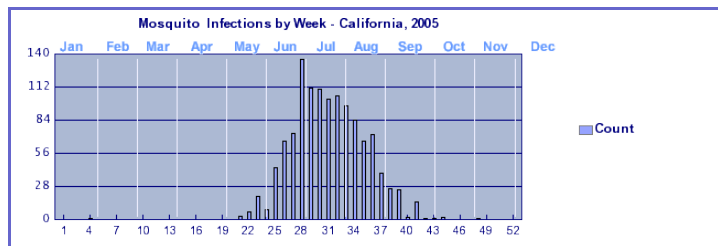


Legend

- Positive Test Results
- Samples Submitted
- *No Data

* States shown in yellow are those in which virus activity has been reported historically, but all counties in these states have not necessarily reported virus activity.

These data are provisional and may be revised or adjusted in the future.



Cumulative Mosquito Infections by County - California, 2005

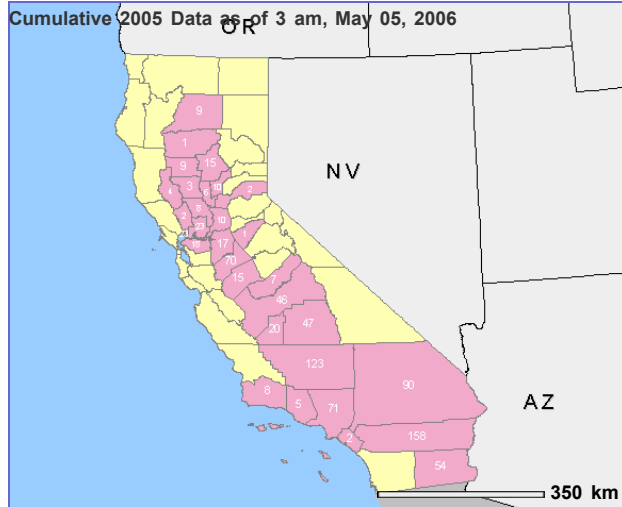
Alameda County	8	Placer County	6	Yuba County	4
Butte County	4	Riverside County	110		
Contra Costa County	1	Sacramento County	117		
Fresno County	71	San Bernardino County	39		
Glenn County	5	San Joaquin County	1		
Imperial County	10	San Luis Obispo County	2		
Inyo County	2	Santa Barbara County	21		
Kern County	235	Santa Clara County	2		
Kings County	3	Solano County	4		
Lake County	31	Stanislaus County	114		
Los Angeles County	217	Sutter County	43		
Madera County	5	Tulare County	16		
Merced County	32	Ventura County	2		
Orange County	83	Yolo County	27		

Cumulative Total Entire State: 1215

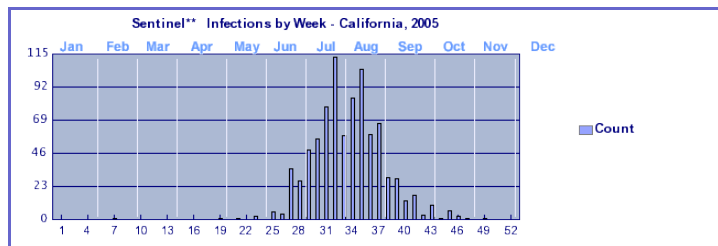
U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2005/wnv/wnv_ca_mosquito.html
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West Nile Virus: California - Sentinel



These data are provisional and may be revised or adjusted in the future.



Cumulative Sentinel** Infections by County - California, 2005

Butte County	15	Orange County	2	Yolo County	8	Cumulative Total Entire State: 854
Calaveras County	1	Placer County	2	Yuba County	10	
Colusa County	3	Riverside County	158			
Contra Costa County	18	Sacramento County	10			
Fresno County	46	San Bernardino County	90			
Glenn County	9	San Joaquin County	17			
Imperial County	54	Santa Barbara County	8			
Kern County	123	Shasta County	9			
Kings County	20	Solano County	23			
Lake County	4	Stanislaus County	70			
Los Angeles County	71	Sutter County	6			
Madera County	7	Tehama County	1			
Merced County	15	Tulare County	47			
Napa County	2	Ventura County	5			

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2005/wnv/wnv_ca_sentinel.html

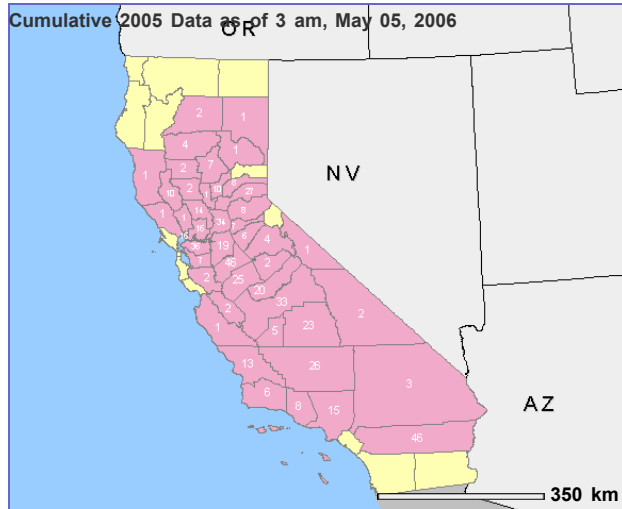
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West Nile Virus: California - Veterinary

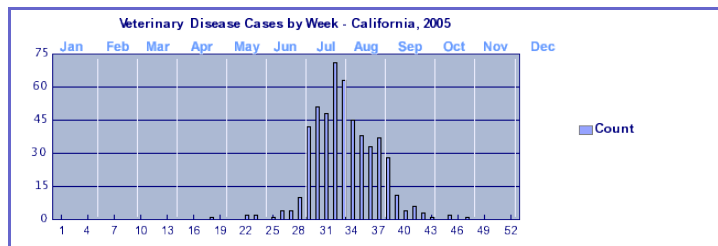
Cumulative 2005 Data as of 3 am, May 05, 2006



Legend
 Positive Test Results
 *No Data

* States shown in yellow are those in which virus activity has been reported historically, but all counties in these states have not necessarily reported virus activity.

These data are provisional and may be revised or adjusted in the future.



Cumulative Veterinary Disease Cases by County - California, 2005

Alameda County	7	Mendocino County	1	Solano County	16
Amador County	7	Merced County	25	Sonoma County	1
Butte County	7	Mono County	1	Stanislaus County	46
Calaveras County	6	Monterey County	1	Sutter County	1
Colusa County	2	Napa County	1	Tehama County	4
Contra Costa County	36	Nevada County	8	Tulare County	23
El Dorado County	8	Placer County	27	Tuolumne County	4
Fresno County	33	Plumas County	1	Ventura County	8
Glenn County	2	Riverside County	46	Yolo County	14
Inyo County	2	Sacramento County	34	Yuba County	10
Kern County	26	San Benito County	2		
Kings County	5	San Bernardino County	3		
Lake County	10	San Joaquin County	19		
Lassen County	1	San Luis Obispo County	13		
Los Angeles County	15	Santa Barbara County	6		
Madera County	20	Santa Clara County	2		
Mariposa County	2	Shasta County	2		

Cumulative Total Entire State: 508

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2005/wnv/wnv_ca_veterinary.html

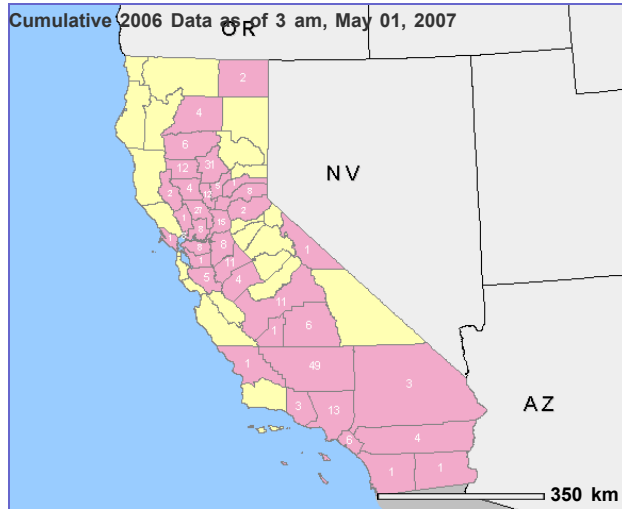
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West Nile Virus: California - Human

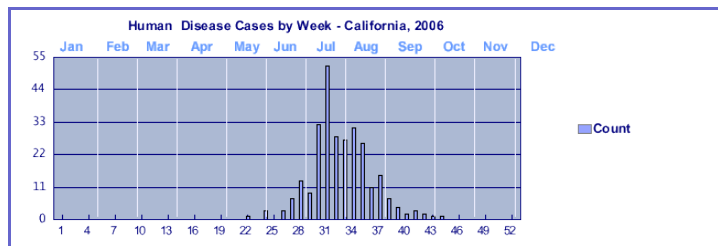
Cumulative 2006 Data as of 3 am, May 01, 2007



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Human Disease Cases by County - California, 2006

Alameda County	1	Mono County	1	Sutter County	12
Butte County	31	Napa County	1	Tehama County	6
Colusa County	4	Nevada County	1	Tulare County	6
Contra Costa County	8	Orange County	6	Ventura County	3
El Dorado County	2	Placer County	8	Yolo County	27
Fresno County	11	Riverside County	4	Yuba County	5
Glenn County	12	Sacramento County	15		
Imperial County	1	San Bernardino County	3		
Kern County	49	San Diego County	1		
Kings County	1	San Joaquin County	8		
Lake County	2	San Luis Obispo County	1		
Los Angeles County	13	Santa Clara County	5		
Marin County	1	Shasta County	4		
Merced County	4	Solano County	8		
Modoc County	2	Stanislaus County	11		

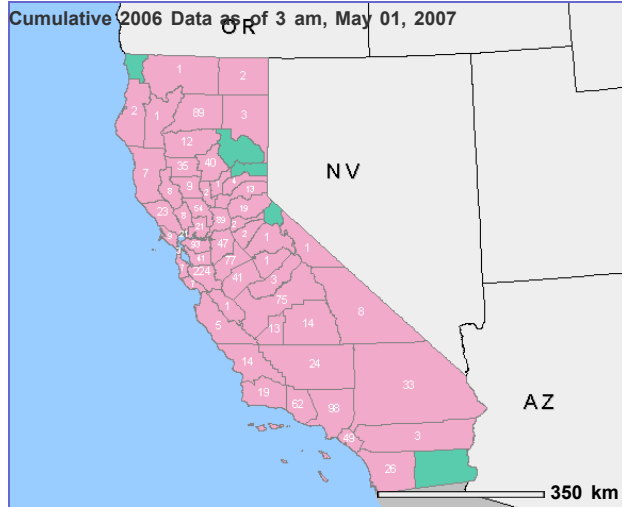
Cumulative Total Entire State: 278

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2006/wnv_ca_human.html

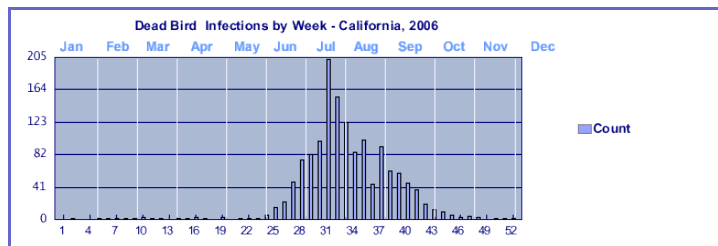
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West Nile Virus: California - Bird



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Cumulative Dead Bird Infections by County - California, 2006

Alameda County	41	Mono County	1	Stanislaus County	77
Amador County	2	Monterey County	5	Sutter County	2
Butte County	40	Napa County	8	Tehama County	12
Calaveras County	2	Nevada County	4	Trinity County	1
Colusa County	9	Orange County	49	Tulare County	14
Contra Costa County	93	Placer County	13	Tuolumne County	1
El Dorado County	19	Riverside County	3	Ventura County	62
Fresno County	75	Sacramento County	89	Yolo County	54
Glenn County	35	San Benito County	1	Yuba County	1
Humboldt County	2	San Bernardino County	33		
Inyo County	8	San Diego County	26		
Kern County	24	San Francisco County	3		
Kings County	13	San Joaquin County	47		
Lake County	8	San Luis Obispo County	14		
Lassen County	3	San Mateo County	7		
Los Angeles County	98	Santa Barbara County	19		
Madera County	3	Santa Clara County	224		
Marin County	9	Santa Cruz County	7		
Mariposa County	1	Shasta County	89		
Mendocino County	7	Siskiyou County	1		
Merced County	41	Solano County	21		
Modoc County	2	Sonoma County	23		

Cumulative Total Entire State: 1446

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2006/wnv_ca_bird.html

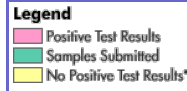
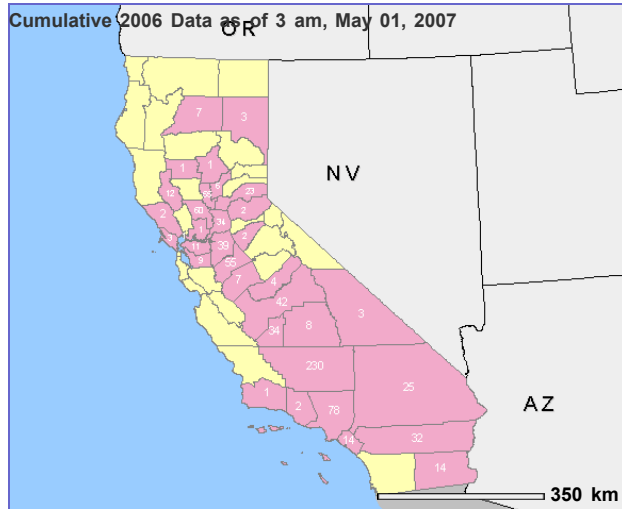
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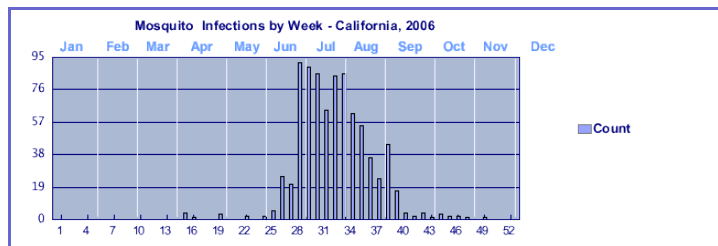
West Nile Virus: California - Mosquito

Cumulative 2006 Data as of 3 am, May 01, 2007



* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Mosquito Infections by County - California, 2006

Alameda County	9	Marin County	3	Ventura County	2
Butte County	1	Merced County	7	Yolo County	60
Calaveras County	2	Orange County	14	Yuba County	6
Contra Costa County	11	Placer County	23		
El Dorado County	2	Riverside County	32		
Fresno County	42	Sacramento County	34		
Glenn County	1	San Bernardino County	25		
Imperial County	14	San Joaquin County	39		
Inyo County	3	Santa Barbara County	1		
Kern County	230	Shasta County	7		
Kings County	34	Solano County	1		
Lake County	12	Sonoma County	2		
Lassen County	3	Stanislaus County	55		
Los Angeles County	78	Sutter County	55		
Madera County	4	Tulare County	8		

Cumulative Total Entire State: 820

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2006/wnv_ca_mosquito.html

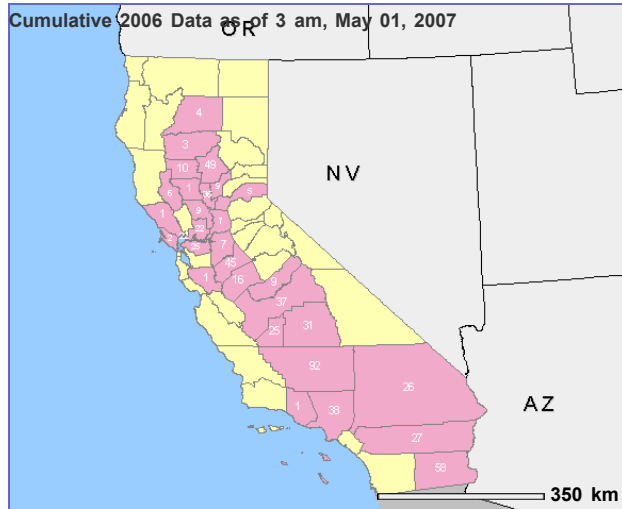
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West Nile Virus: California - Sentinel

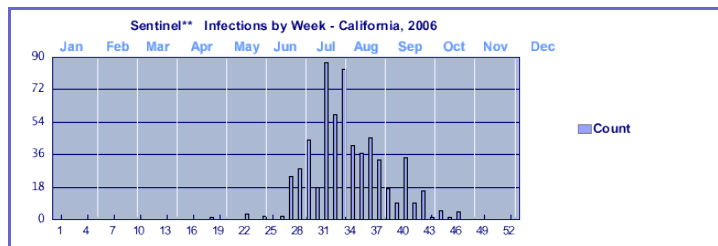
Cumulative 2006 Data as of 3 am, May 01, 2007



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Sentinel** Infections by County - California, 2006

Butte County	49	Merced County	16	Tehama County	3
Colusa County	1	Placer County	5	Tulare County	31
Contra Costa County	25	Riverside County	27	Ventura County	1
Fresno County	37	Sacramento County	7	Yolo County	9
Glenn County	10	San Bernardino County	26	Yuba County	9
Imperial County	58	San Joaquin County	7		
Kern County	92	Santa Clara County	1		
Kings County	25	Shasta County	4		
Lake County	6	Solano County	22		
Los Angeles County	38	Sonoma County	1		
Madera County	9	Stanislaus County	45		
Marin County	2	Sutter County	36		

Cumulative Total Entire State: 602

U.S. Department of the Interior | U.S. Geological Survey
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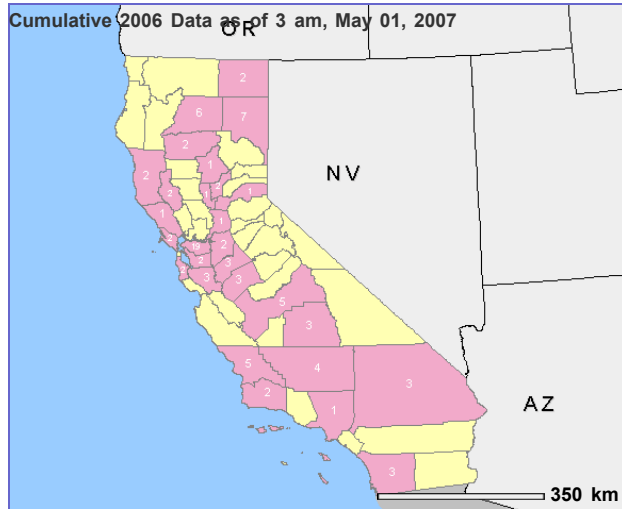
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West Nile Virus: California - Veterinary

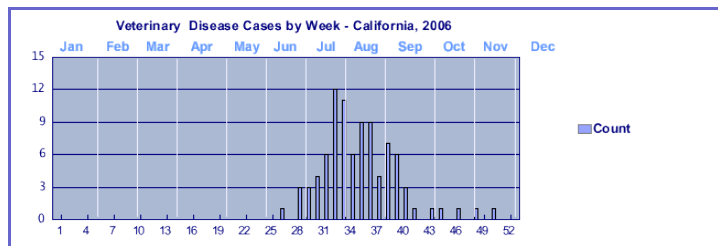
Cumulative 2006 Data as of 3 am, May 01, 2007



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Veterinary Disease Cases by County - California, 2006

Alameda County	2	Placer County	1	Sutter County	1
Butte County	1	Sacramento County	1	Tehama County	2
Contra Costa County	19	San Bernardino County	3	Tulare County	3
Fresno County	5	San Diego County	3	Yuba County	2
Kern County	4	San Joaquin County	2		
Lake County	2	San Luis Obispo County	5		
Lassen County	7	San Mateo County	2		
Los Angeles County	1	Santa Barbara County	2		
Marin County	2	Santa Clara County	3		
Mendocino County	2	Shasta County	6		
Merced County	3	Sonoma County	1		
Modoc County	2	Stanislaus County	3		

Cumulative Total Entire State: 90

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http://diseasemaps.usgs.gov/2006/wnv_ca_veterinary.html

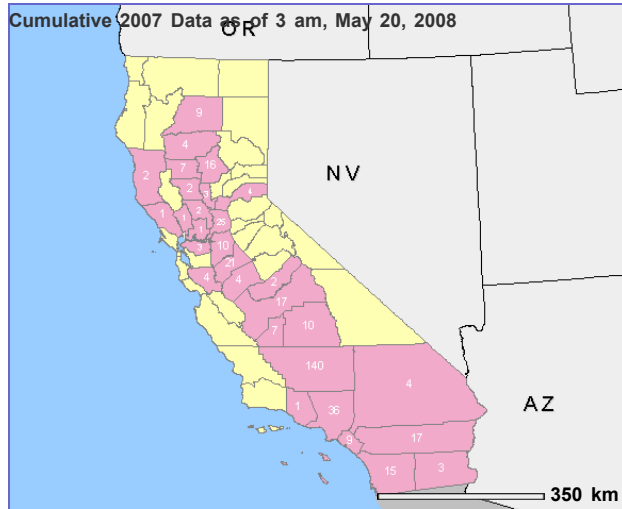
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West Nile Virus: California - Human

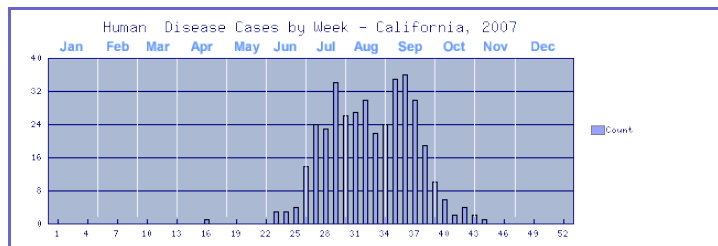
Cumulative 2007 Data as of 3 am, May 20, 2008



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Human Disease Cases by County - California, 2007

Butte County	16	Orange County	9	Tehama County	4
Colusa County	2	Placer County	4	Tulare County	10
Contra Costa County	3	Riverside County	17	Ventura County	1
Fresno County	17	Sacramento County	25	Yolo County	2
Glenn County	7	San Bernardino County	4		
Imperial County	3	San Diego County	15		
Kern County	140	San Joaquin County	10		
Kings County	7	Santa Clara County	4		
Los Angeles County	36	Shasta County	9		
Madera County	2	Solano County	1		
Mendocino County	2	Sonoma County	1		
Merced County	4	Stanislaus County	21		
Napa County	1	Sutter County	3		

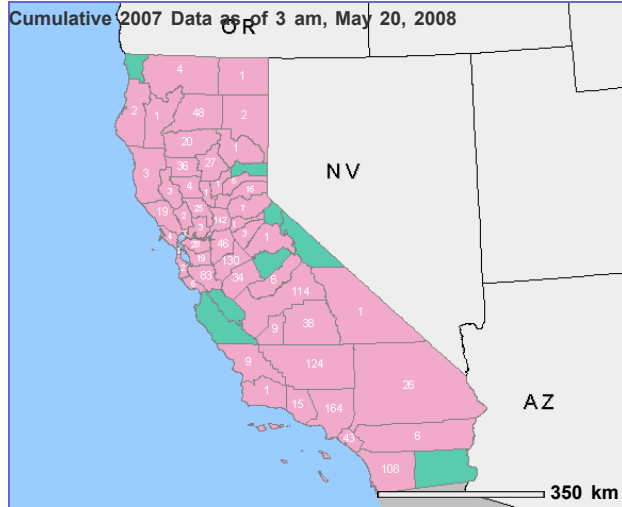
Cumulative Total Entire State: 380

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2007/wnv_ca_human.html

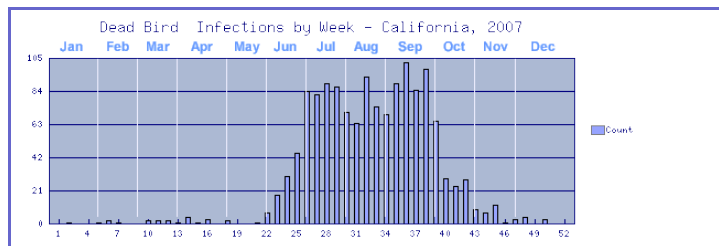
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West Nile Virus: California - Bird



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Cumulative Dead Bird Infections by County - California, 2007

Alameda County	19	Napa County	2	Sutter County	1
Amador County	1	Nevada County	5	Tehama County	20
Butte County	27	Orange County	43	Trinity County	1
Calaveras County	3	Placer County	16	Tulare County	38
Colusa County	4	Plumas County	1	Tuolumne County	1
Contra Costa County	28	Riverside County	6	Ventura County	15
El Dorado County	7	Sacramento County	142	Yolo County	25
Fresno County	114	San Bernardino County	26	Yuba County	1
Glenn County	36	San Diego County	108		
Humboldt County	2	San Francisco County	1		
Inyo County	1	San Joaquin County	46		
Kern County	124	San Luis Obispo County	9		
Kings County	9	San Mateo County	2		
Lake County	3	Santa Barbara County	1		
Lassen County	2	Santa Clara County	83		
Los Angeles County	164	Santa Cruz County	6		
Madera County	6	Shasta County	48		
Marin County	4	Siskiyou County	4		
Mendocino County	3	Solano County	3		
Merced County	34	Sonoma County	19		
Modoc County	1	Stanislaus County	130		

Cumulative Total Entire State: **1395**

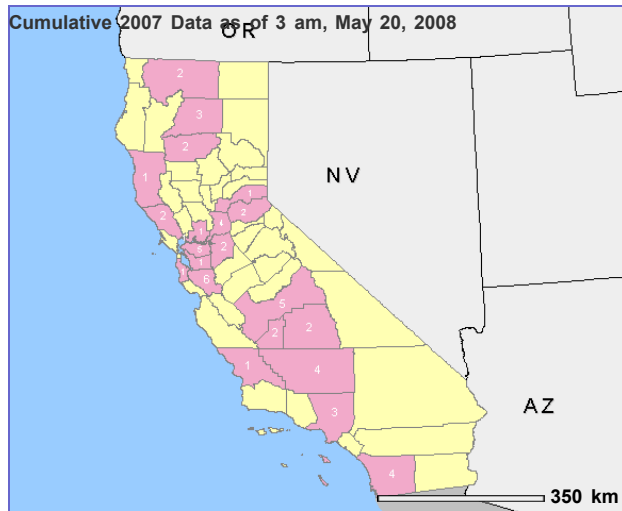
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West Nile Virus: California - Veterinary

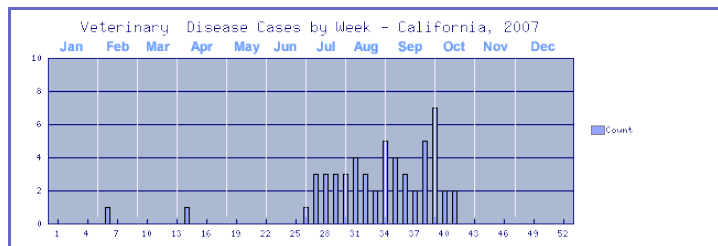
Cumulative 2007 Data as of 3 am, May 20, 2008



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Veterinary Disease Cases by County - California, 2007

Alameda County	1	San Luis Obispo County	1
Contra Costa County	5	San Mateo County	1
El Dorado County	2	Santa Clara County	6
Fresno County	5	Shasta County	3
Kern County	4	Siskiyou County	2
Kings County	2	Solano County	1
Los Angeles County	3	Sonoma County	2
Mendocino County	1	Tehama County	2
Placer County	1	Tulare County	2
Sacramento County	4		
San Diego County	4		
San Joaquin County	2		

Cumulative Total Entire State: 54

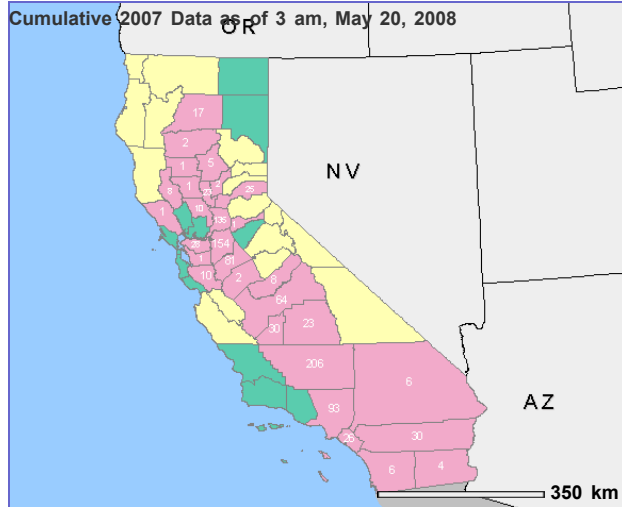
U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2007/wnv_ca_veterinary.html

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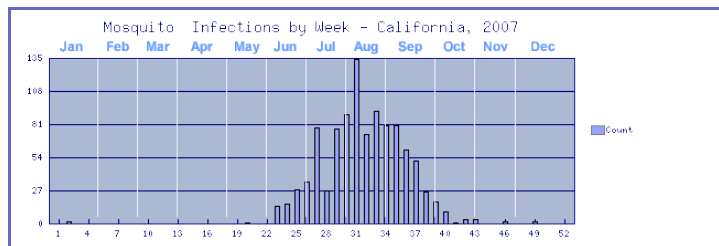
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West Nile Virus: California - Mosquito



These data are provisional and may be revised or adjusted in the future.



Cumulative Mosquito Infections by County - California, 2007

Alameda County	1	Orange County	26	Yolo County	10
Amador County	1	Placer County	25	Yuba County	2
Butte County	5	Riverside County	30		
Colusa County	1	Sacramento County	135		
Contra Costa County	28	San Bernardino County	6		
Fresno County	64	San Diego County	6		
Glenn County	1	San Joaquin County	154		
Imperial County	4	Santa Clara County	10		
Kern County	206	Shasta County	17		
Kings County	30	Sonoma County	1		
Lake County	8	Stanislaus County	81		
Los Angeles County	93	Sutter County	23		
Madera County	8	Tehama County	2		
Merced County	2	Tulare County	23		

Cumulative Total Entire State: 1003

U.S. Department of the Interior | U.S. Geological Survey
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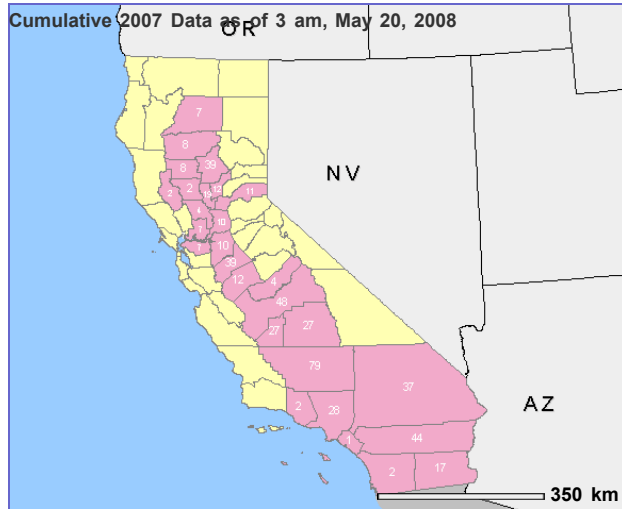
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West Nile Virus: California - Sentinel

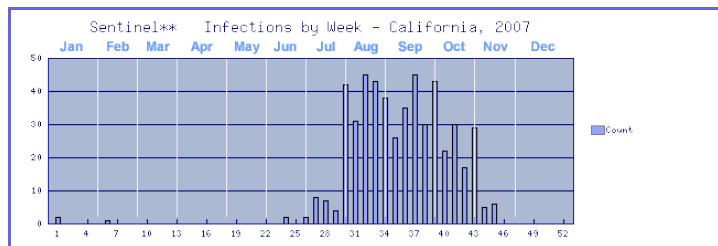
Cumulative 2007 Data as of 3 am, May 20, 2008



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Sentinel** Infections by County - California, 2007

Butte County	39	Orange County	1	Tulare County	27
Colusa County	2	Placer County	11	Ventura County	2
Contra Costa County	7	Riverside County	44	Yolo County	4
Fresno County	48	Sacramento County	10	Yuba County	12
Glenn County	8	San Bernardino County	37		
Imperial County	17	San Diego County	2		
Kern County	79	San Joaquin County	10		
Kings County	27	Shasta County	7		
Lake County	2	Solano County	7		
Los Angeles County	28	Stanislaus County	39		
Madera County	4	Sutter County	19		
Merced County	12	Tehama County	8		

Cumulative Total Entire State: 513

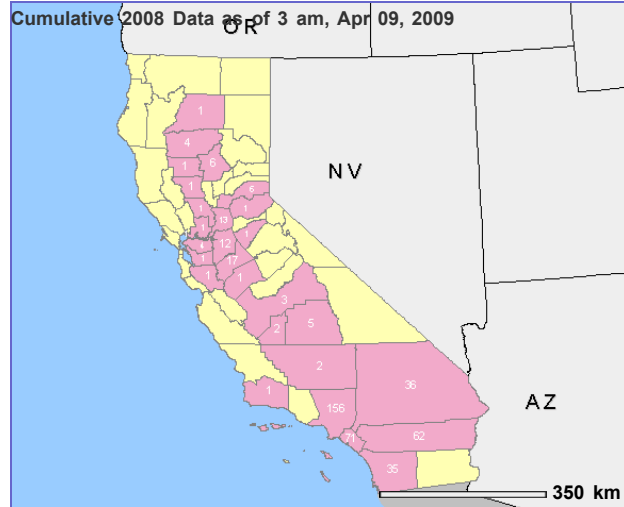
U.S. Department of the Interior | U.S. Geological Survey
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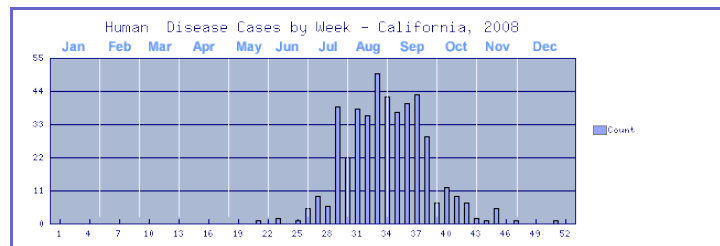
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West Nile Virus: California - Human



These data are provisional and may be revised or adjusted in the future.



Cumulative Human Disease Cases by County - California, 2008

Alameda County	1	Orange County	71	Tehama County	4
Butte County	6	Placer County	6	Tulare County	5
Calaveras County	1	Riverside County	62	Yolo County	1
Colusa County	1	Sacramento County	13		
Contra Costa County	4	San Bernardino County	36		
El Dorado County	1	San Diego County	35		
Fresno County	3	San Joaquin County	12		
Glenn County	1	Santa Barbara County	1		
Kern County	2	Santa Clara County	1		
Kings County	2	Shasta County	1		
Los Angeles County	156	Solano County	1		
Merced County	1	Stanislaus County	17		

Cumulative Total Entire State: 445

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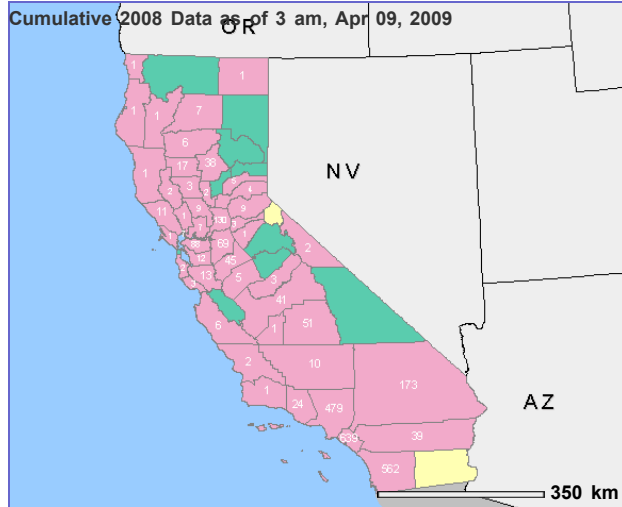
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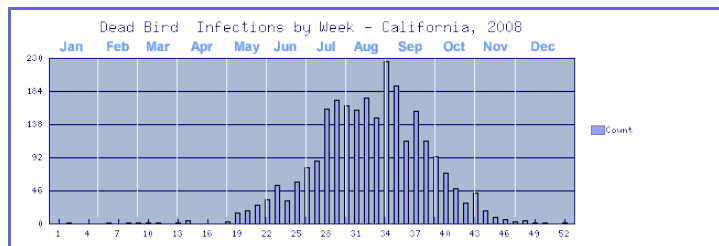
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West Nile Virus: California - Bird



These data are provisional and may be revised or adjusted in the future.



Cumulative Dead Bird Infections by County - California, 2008

Alameda County	12	Modoc County	1	Sonoma County	11
Amador County	3	Mono County	2	Stanislaus County	45
Butte County	38	Monterey County	6	Sutter County	2
Calaveras County	1	Napa County	1	Tehama County	6
Colusa County	3	Nevada County	5	Trinity County	1
Contra Costa County	88	Orange County	639	Tulare County	51
Del Norte County	1	Placer County	4	Ventura County	24
El Dorado County	9	Riverside County	39	Yolo County	9
Fresno County	41	Sacramento County	130		
Glenn County	17	San Bernardino County	173		
Humboldt County	1	San Diego County	562		
Kern County	10	San Joaquin County	69		
Kings County	1	San Luis Obispo County	2		
Lake County	2	San Mateo County	2		
Los Angeles County	479	Santa Barbara County	1		
Madera County	3	Santa Clara County	13		
Marin County	1	Santa Cruz County	3		
Mendocino County	1	Shasta County	7		
Merced County	5	Solano County	7		

Cumulative Total Entire State: **2531**

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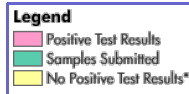
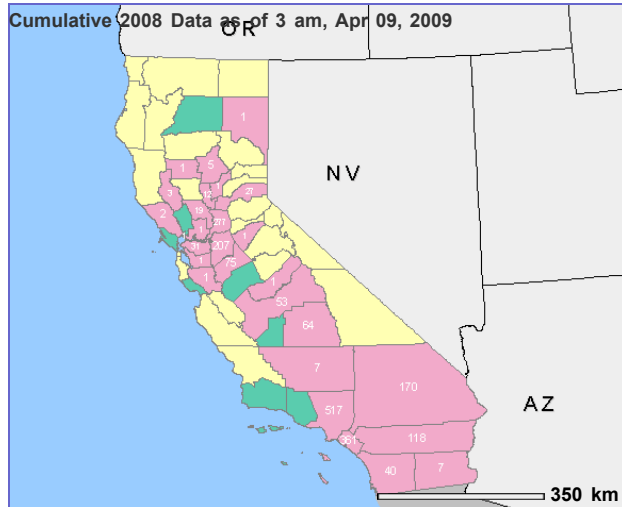
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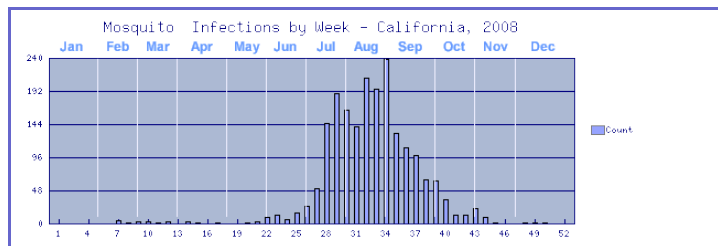
West Nile Virus: California - Mosquito

Cumulative 2008 Data as of 3 am, Apr 09, 2009



* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Mosquito Infections by County - California, 2008

Alameda County	1	Riverside County	118
Butte County	5	Sacramento County	277
Calaveras County	1	San Bernardino County	170
Contra Costa County	31	San Diego County	40
Fresno County	53	San Joaquin County	207
Glenn County	1	Santa Clara County	1
Imperial County	7	Solano County	1
Kern County	7	Sonoma County	2
Lake County	3	Stanislaus County	75
Lassen County	1	Sutter County	12
Los Angeles County	517	Tulare County	64
Madera County	1	Yolo County	19
Orange County	361	Yuba County	1
Placer County	27		

Cumulative Total Entire State: 2003

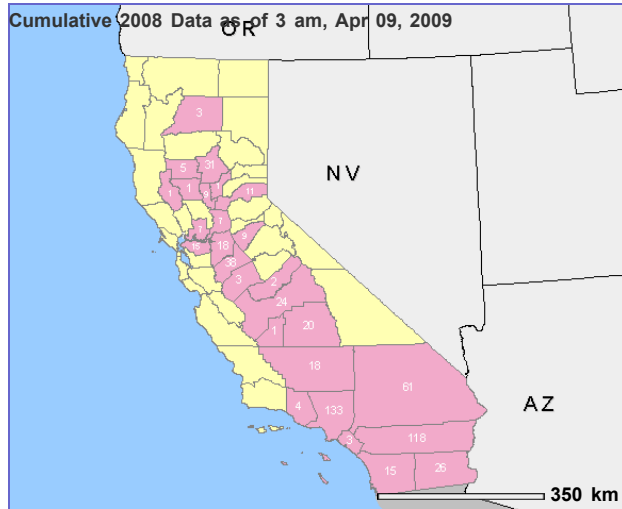
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West Nile Virus: California - Sentinel

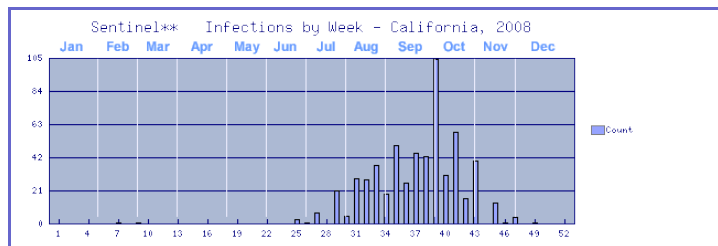
Cumulative 2008 Data as of 3 am, Apr 09, 2009



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Sentinel** Infections by County - California, 2008

Butte County	31	Merced County	3	Tulare County	20
Calaveras County	9	Orange County	3	Ventura County	4
Colusa County	1	Placer County	11	Yuba County	1
Contra Costa County	15	Riverside County	118		
Fresno County	24	Sacramento County	7		
Glenn County	5	San Bernardino County	61		
Imperial County	26	San Diego County	15		
Kern County	18	San Joaquin County	18		
Kings County	1	Shasta County	3		
Lake County	1	Solano County	7		
Los Angeles County	133	Stanislaus County	38		
Madera County	2	Sutter County	9		

Cumulative Total Entire State: 584

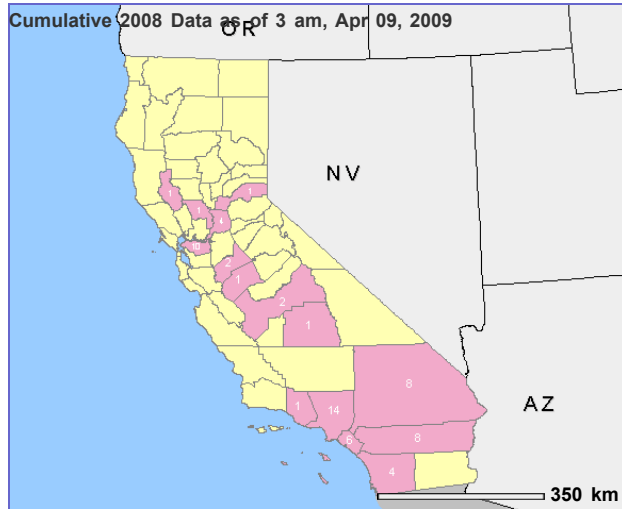
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West Nile Virus: California - Veterinary

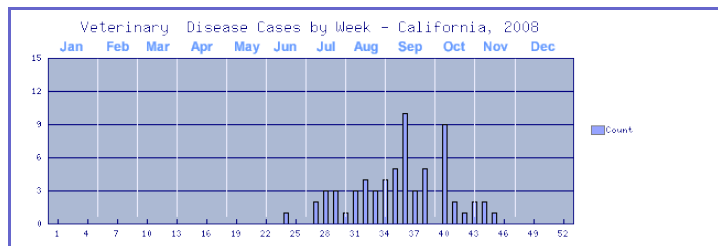
Cumulative 2008 Data as of 3 am, Apr 09, 2009



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Veterinary Disease Cases by County - California, 2008

Contra Costa County	10	San Diego County	4
Fresno County	2	Stanislaus County	2
Lake County	1	Tulare County	1
Los Angeles County	14	Ventura County	1
Merced County	1	Yolo County	1
Orange County	6		
Placer County	1		
Riverside County	8		
Sacramento County	4		
San Bernardino County	8		

Cumulative Total Entire State: 64

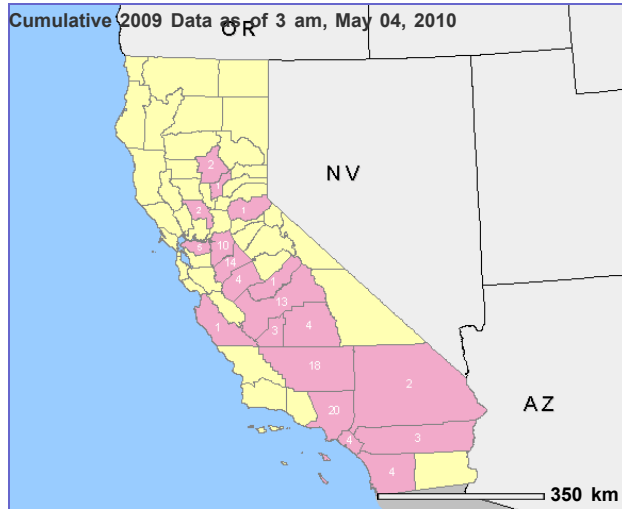
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West Nile Virus: California - Human

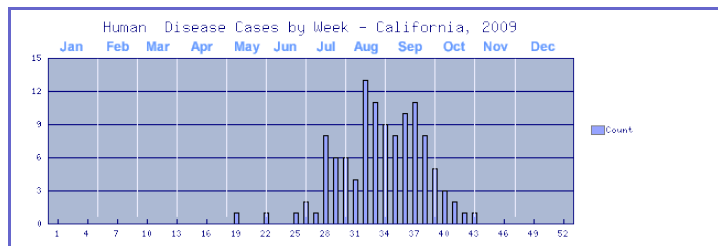
Cumulative 2009 Data as of 3 am, May 04, 2010



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Human Disease Cases by County - California, 2009

Butte County	2	San Joaquin County	10
Contra Costa County	5	Stanislaus County	14
El Dorado County	1	Tulare County	4
Fresno County	13	Yolo County	2
Kern County	18	Yuba County	1
Kings County	3		
Los Angeles County	20		
Madera County	1		
Merced County	4		
Monterey County	1		
Orange County	4		
Riverside County	3		
San Bernardino County	2		
San Diego County	4		

Cumulative Total Entire State: 112

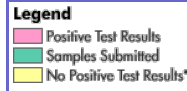
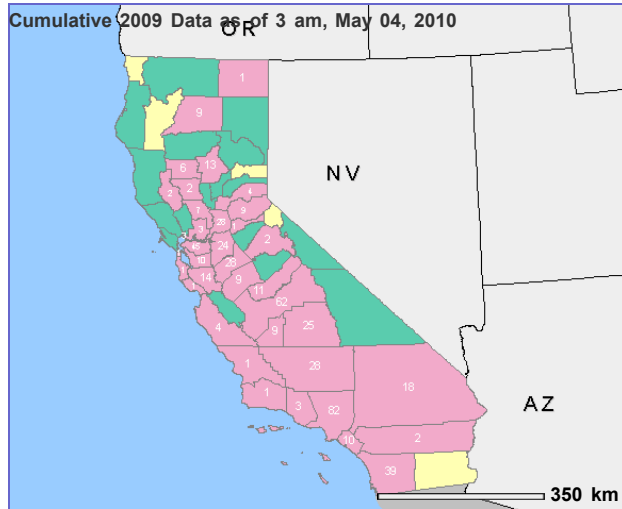
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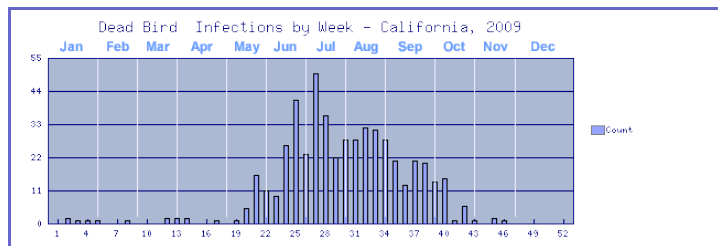
West Nile Virus: California - Bird

Cumulative 2009 Data as of 3 am, May 04, 2010



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These data are provisional and may be revised or adjusted in the future.



Cumulative Dead Bird Infections by County - California, 2009

Alameda County	10	Placer County	4	Ventura County	3
Amador County	1	Riverside County	2	Yolo County	7
Butte County	13	Sacramento County	28		
Colusa County	2	San Bernardino County	18		
Contra Costa County	45	San Diego County	39		
El Dorado County	9	San Francisco County	1		
Fresno County	62	San Joaquin County	24		
Glenn County	6	San Luis Obispo County	1		
Kern County	28	San Mateo County	1		
Kings County	9	Santa Barbara County	1		
Lake County	2	Santa Clara County	14		
Los Angeles County	82	Santa Cruz County	1		
Madera County	11	Shasta County	9		
Merced County	9	Solano County	3		
Modoc County	1	Stanislaus County	28		
Monterey County	4	Tulare County	25		
Orange County	10	Tuolumne County	2		

Cumulative Total Entire State: 515

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2009/wnv_ca_bird.html

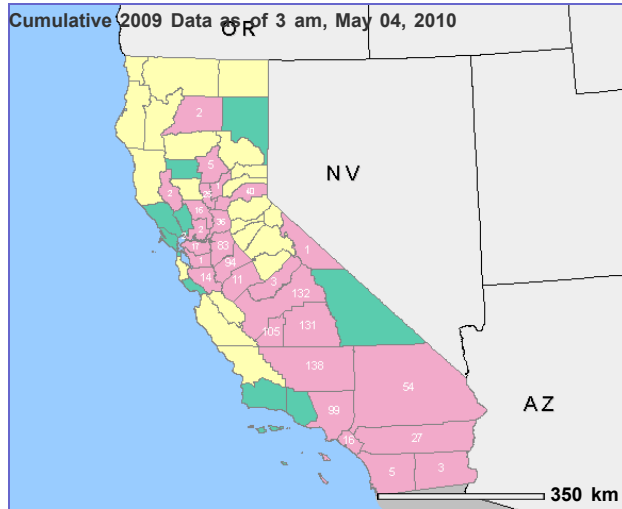
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West Nile Virus: California - Mosquito

Cumulative 2009 Data as of 3 am, May 04, 2010

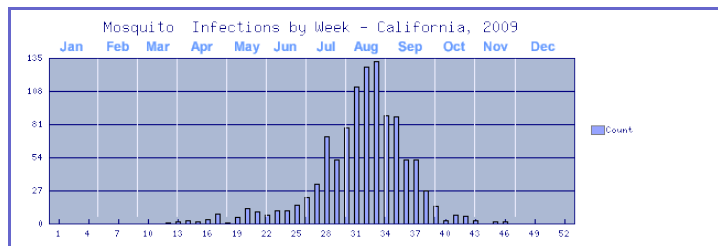


Legend

- Positive Test Results
- Samples Submitted
- No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Mosquito Infections by County - California, 2009

Alameda County	1	Riverside County	27
Butte County	5	Sacramento County	36
Contra Costa County	17	San Bernardino County	54
Fresno County	132	San Diego County	5
Imperial County	3	San Joaquin County	83
Kern County	138	Santa Clara County	14
Kings County	105	Shasta County	2
Lake County	2	Solano County	2
Los Angeles County	99	Stanislaus County	94
Madera County	3	Sutter County	25
Merced County	11	Tulare County	131
Mono County	1	Yolo County	16
Orange County	16	Yuba County	1
Placer County	40		

Cumulative Total Entire State: 1063

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2009/wnv_ca_mosquito.html

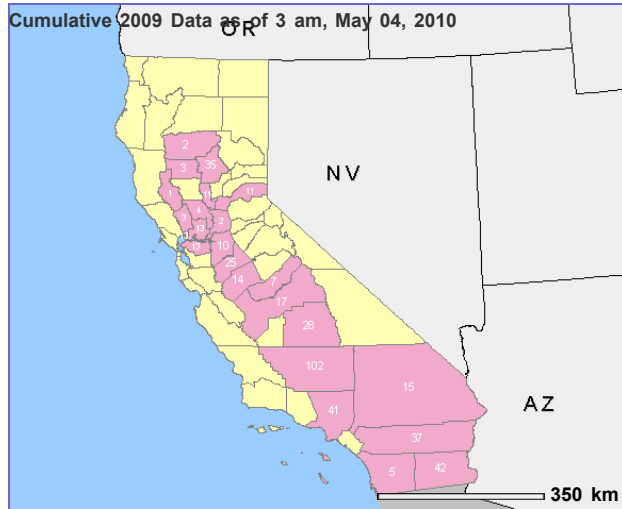
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West Nile Virus: California - Sentinel

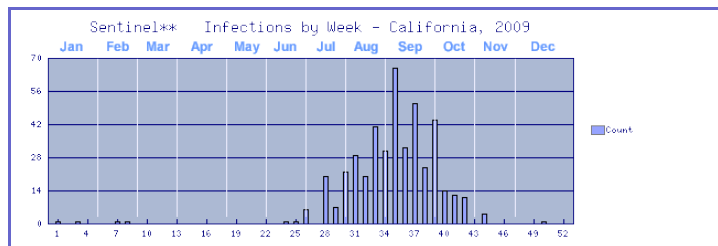
Cumulative 2009 Data as of 3 am, May 04, 2010



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Sentinel** Infections by County - California, 2009

Butte County	35	Sacramento County	2
Contra Costa County	13	San Bernardino County	15
Fresno County	17	San Diego County	5
Glenn County	3	San Joaquin County	10
Imperial County	42	Solano County	13
Kern County	102	Stanislaus County	25
Lake County	1	Sutter County	11
Los Angeles County	41	Tehama County	2
Madera County	7	Tulare County	28
Merced County	14	Yolo County	4
Napa County	3		
Placer County	11		
Riverside County	37		

Cumulative Total Entire State: 441

**Sentinels are usually chickens, however, they may be birds and/or horses.

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2009/wnv_ca_sentinel.html

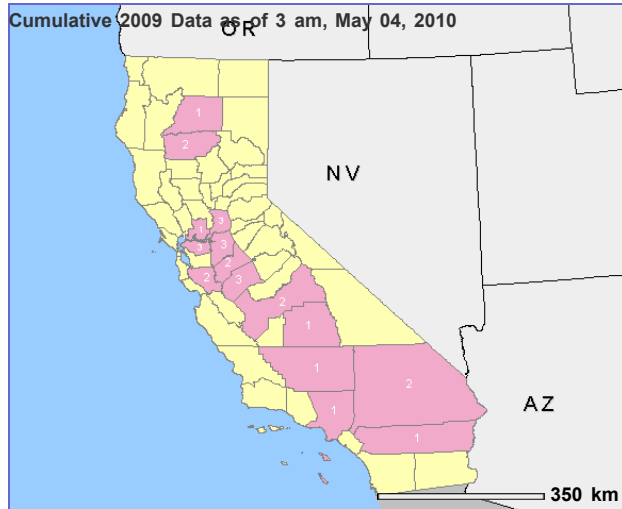
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West Nile Virus: California - Veterinary

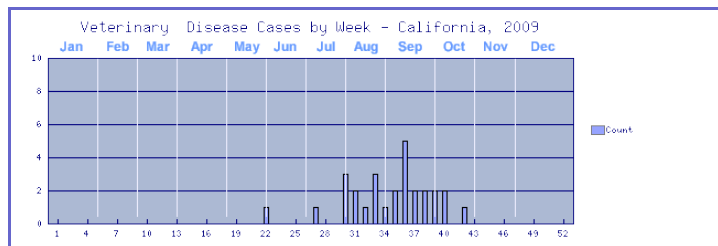
Cumulative 2009 Data as of 3 am, May 04, 2010



Legend
 Positive Test Results
 No Positive Test Results*

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Veterinary Disease Cases by County - California, 2009

Contra Costa County	3	Tulare County	1
Fresno County	2		
Kern County	1		
Los Angeles County	1		
Merced County	3		
Riverside County	1		
Sacramento County	3		
San Bernardino County	2		
San Joaquin County	3		
Santa Clara County	2		
Shasta County	1		
Solano County	1		
Stanislaus County	2		
Tehama County	2		

Cumulative Total Entire State: 28

U.S. Department of the Interior | U.S. Geological Survey
http://diseasemaps.usgs.gov/2009/wnv_ca_veterinary.html

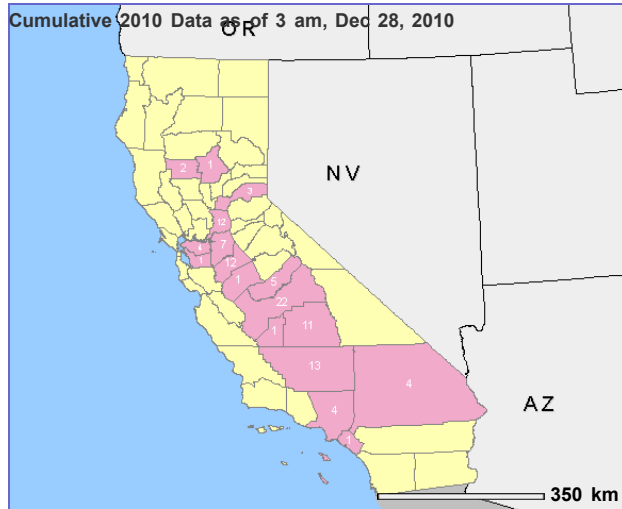
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West Nile Virus: California - Human

Cumulative 2010 Data as of 3 am, Dec 28, 2010



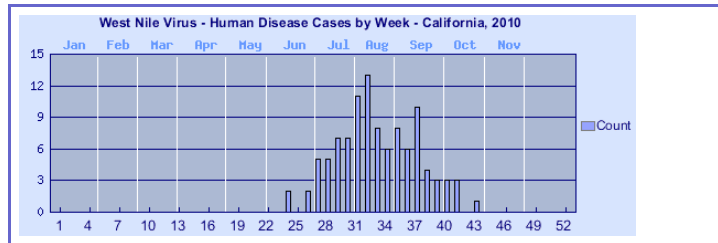
Legend

- Positive Test Results*
- No Positive Test Results**
- Historically Not Found

* Data demonstrates local jurisdiction of residence and not necessarily the locale where the infection was acquired.

** States and counties in yellow are those in which virus activity has been reported historically, but no positive test results have been reported or no surveillance has occurred this year.

These data are provisional and may be revised or adjusted in the future.



Cumulative Human Disease Cases by Local Jurisdiction - California, 2010

Alameda County	1	Stanislaus County	12
Butte County	1	Tulare County	11
Contra Costa County	4		
Fresno County	22		
Glenn County	2		
Kern County	13		
Kings County	1		
Los Angeles County	4		
Madera County	5		
Merced County	1		
Orange County	1		
Placer County	3		
Sacramento County	12		
San Bernardino County	4		
San Joaquin County	7		

Cumulative Total Entire State: 104

U.S. Department of the Interior | U.S. Geological Survey

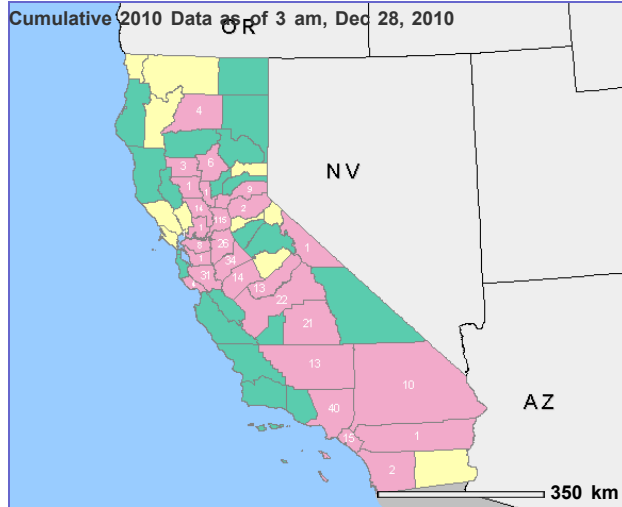
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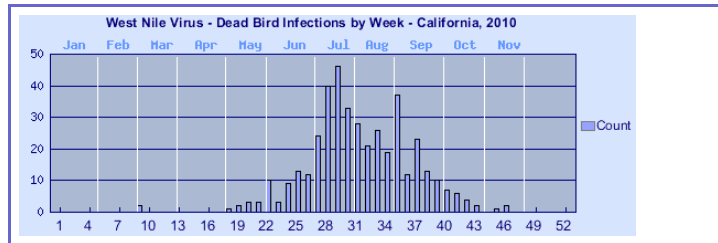
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West Nile Virus: California - Bird



These data are provisional and may be revised or adjusted in the future.



Cumulative Dead Bird Infections by Local Jurisdiction - California, 2010

Alameda County	1	Sacramento County	115
Butte County	6	San Bernardino County	10
Colusa County	1	San Diego County	2
Contra Costa County	8	San Joaquin County	26
El Dorado County	2	Santa Clara County	31
Fresno County	22	Santa Cruz County	4
Glenn County	3	Shasta County	4
Kern County	13	Solano County	1
Los Angeles County	40	Stanislaus County	34
Madera County	13	Sutter County	1
Merced County	14	Tulare County	21
Mono County	1	Yolo County	14
Orange County	15		
Placer County	9		
Riverside County	1		

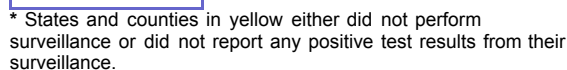
Cumulative Total Entire State: 412

U.S. Department of the Interior | [U.S. Geological Survey](http://diseasemaps.usgs.gov/wnv_ca_bird.html)

http://diseasemaps.usgs.gov/wnv_ca_bird.html

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Week	Count
1	0
4	0
7	0
10	0
13	0
16	0
19	0
22	0
25	5
28	15
31	105
34	115
37	110
40	45
43	15
46	5
49	0
52	0

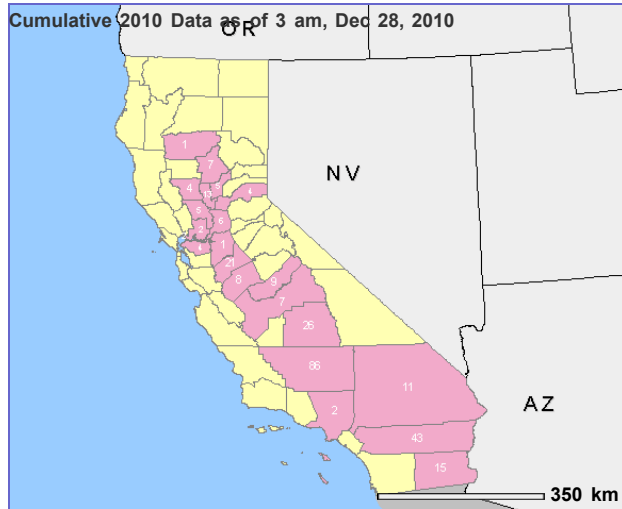
Butte County	7	San Bernardino County	41
Contra Costa County	4	San Diego County	1
Fresno County	130	San Joaquin County	57
Imperial County	10	Santa Clara County	10
Kern County	277	Solano County	1
Kings County	65	Stanislaus County	86
Lake County	3	Sutter County	26
Los Angeles County	57	Tulare County	158
Madera County	9	Yolo County	11
Merced County	9	Yuba County	2
Orange County	19		
Placer County	36		
Riverside County	71		
Sacramento County	192		

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West Nile Virus: California - Sentinel

Cumulative 2010 Data as of 3 am, Dec 28, 2010

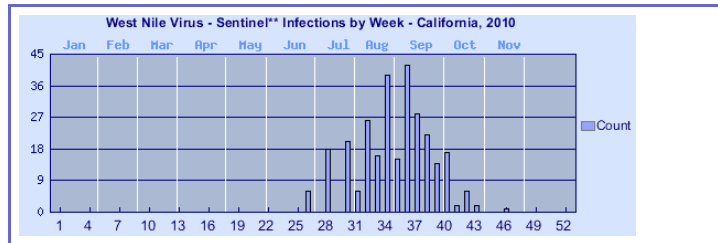


Legend

- Positive Test Results*
- No Positive Test Results**
- Historically Not Found

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Sentinel** Infections by Local Jurisdiction - California, 2010

Butte County	7	San Joaquin County	1
Colusa County	4	Solano County	2
Contra Costa County	4	Stanislaus County	21
Fresno County	7	Sutter County	13
Imperial County	15	Tehama County	1
Kern County	86	Tulare County	26
Los Angeles County	2	Yolo County	5
Madera County	9	Yuba County	5
Merced County	8		
Placer County	4		
Riverside County	43		
Sacramento County	6		
San Bernardino County	11		

Cumulative Total Entire State: 280

**Sentinels are usually chickens, however, they may be birds and/or horses.

U.S. Department of the Interior | [U.S. Geological Survey](http://diseasemaps.usgs.gov/wnv_ca_sentinel.html)

http://diseasemaps.usgs.gov/wnv_ca_sentinel.html

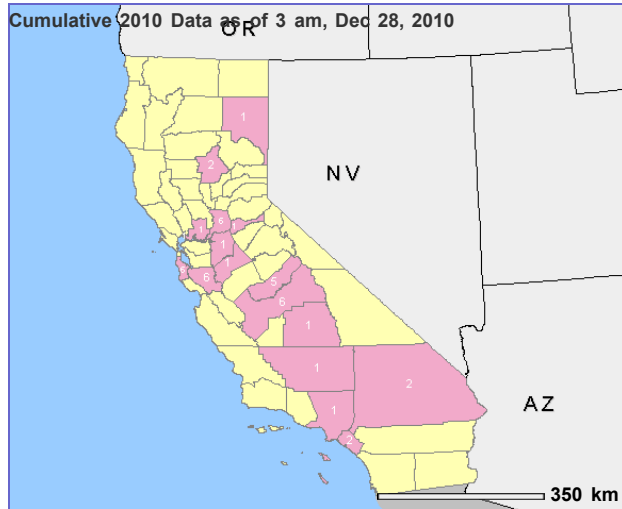
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West Nile Virus: California - Veterinary

Cumulative 2010 Data as of 3 am, Dec 28, 2010

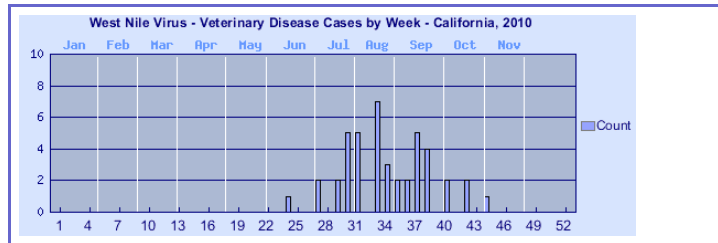


Legend

- Positive Test Results*
- No Positive Test Results**
- Historically Not Found

* States and counties in yellow either did not perform surveillance or did not report any positive test results from their surveillance.

These data are provisional and may be revised or adjusted in the future.



Cumulative Veterinary Disease Cases by Local Jurisdiction - California, 2010

Amador County	1	Tulare County	1
Butte County	2		
Fresno County	6		
Kern County	1		
Lassen County	1		
Los Angeles County	1		
Madera County	5		
Orange County	2		
Sacramento County	6		
San Bernardino County	2		
San Joaquin County	1		
San Mateo County	6		
Santa Clara County	6		
Solano County	1		
Stanislaus County	1		

Cumulative Total Entire State: 43

U.S. Department of the Interior | [U.S. Geological Survey](http://diseasemaps.usgs.gov/wnv_ca_veterinary.html)
http://diseasemaps.usgs.gov/wnv_ca_veterinary.html

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