

## County-Level Smoking Disparities Among Priority Populations

There are many different indices to measure disparities (Breen, Scott, Percy-Laury, Lewis, & Glasgow, 2014; Penman-Aguilar, et al., 2016). The California Department of Public Health (CDPH), California Tobacco Control Program (CTCP) is providing four measures looking at disparities in current smoking as a reference. Applicants are not limited to using the disparity measures listed in this appendix. The following are steps CTCP took in calculating the four measures.

1. Grouped the 58 counties based on the 44 county and county group strata used by the California Health Interview Survey (CHIS) (California Health Interview Survey, 2021).
2. **Table 1** identifies current smoking prevalence rate estimates for the 44 county and county group using data from the 2016-2020 CHIS (UCLA Center for Health Policy Research, 2022). Due to data limitation of combining sexual orientation and gender identity together in the [AskCHIS platform](#), respondents who self-identify as lesbian, gay, or bisexual, **or other sexual orientation that is not straight** (LGB), will serve as a proxy for LGBTQ+.
3. **Table 2** identifies the total number of people in the 44 county and county group by priority population using data from the 2016-2020 American Community Survey (ACS) and the 2016-2020 CHIS. (U.S. Census Bureau, 2022; California Health Interview Survey, 2021). For racial and ethnic priority population, the estimated population is from the 2016-2020 ACS. For the LGBTQ+ priority population, the estimated population is extrapolated from the estimated number of LGB respondents from the 2016-2020 CHIS.
4. CTCP used four measures of disparities using the formulas described on page 2 and page 3 of this appendix. **Table 3** provides the absolute disparity. **Table 4** provides the unweighted relative disparity. **Table 5** provides the relative disparity weighted to the county population. **Table 6** provides the relative disparity weighted to both the county and statewide population.

### Absolute Disparity

The absolute disparity measures the disparity using the difference between the population of interest and a reference group. It is calculated as:

$$AD = r_i - r_r$$

where  $r_i$  is the rate for the priority population of interest and  $r_r$  is the rate for the reference group. For the purpose of this RFA, the reference group throughout is the group with the lowest smoking prevalence rate in each county.

An  $AD$  number of  $> 0$  indicates a disparity between the priority population of interest and the reference group. An  $AD$  number equaling 0 indicates no disparity exists or that the priority population of interest has the lowest smoking prevalence rate.

### Relative Disparity

The relative disparity measures the disparity between the population of interest and a reference group, relative to the reference point. It is calculated as:

$$RD = \frac{r_i - r_r}{r_r} \times 100$$

where  $r_i$  is the rate for the priority population of interest and  $r_r$  is the rate for the reference group.

A  $RD$  number of  $> 0$  indicates a disparity between the priority population of interest and the reference group. A  $RD$  number equaling 0 indicates no disparity exists or that the priority population of interest has the lowest smoking prevalence rate.

### Weighted Relative Disparity

Two additional relative disparity measures are provided. The first weighted relative disparity measure is weighted to the county's demographic characteristics and is calculated as:

$$WRD_{cp} = RD \times p_{ic}$$

where  $RD$  is the unweighted relative disparity and  $p_{ic}$  is the percentage of the county's population accounted for by the priority population of interest.

A  $WRD_{cp}$  number of  $> 0$  indicates a disparity between the priority population of interest and the reference group, accounting for the size of the priority population of interest in the county or county group. A  $WRD_{cp}$  number equaling 0 indicates no disparity exists or that the priority population of interest has the lowest smoking prevalence rate.

The second weighted relative disparity measure is weighted to the county and statewide demographic characteristics and is calculated as:

$$\begin{aligned} WRD_{esp} &= WRD_{cp} \times p_{ts} \times \frac{\sum (WRD_{cp} \times p_{ts})}{\sum WRD_{cp}} \\ WRD_{csp} &= WRD_{cp} \times p_{is} \times \frac{\sum WRD_{cp}}{\sum (WRD_{cp} \times p_{is})} \end{aligned}$$

where  $r_t$  is the rate for the priority population of interest,  $r_p$  is the rate for the reference group,  $WRD_{cp}$  is the relative disparity weighted to the county's demographic characteristics,  $p_{te}$  is the percentage of the county's population accounted for by the priority population of interest, and  $p_{is}$  is the percentage of the state's population of the priority population of interest that is accounted for by the county's population of the priority population of interest.

A  $WRD_{csp}$  number of  $> 0$  indicates a disparity between the priority population of interest and the reference group, accounting for the size of the priority population of interest in the county or county group and in the

state. A  $WRD_{csp}$  number equaling 0 indicates no disparity exists or that the priority population of interest has the lowest smoking prevalence rate.

## Bibliography

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**Table 1. Estimated Smoking Prevalence Rate by Priority and Reference Population, by County and County Group**

County or County Group	Hispanic or Latino	White	African American or Black	Asian or NHPI	LGB	Non-LGB
Alameda	10.1	9.2	13.5	3.2	13.9	7.8
Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, Tuolumne	12.7	12.8	No Data	No Data	14.9	14.1
Butte	12.3	17.0	No Data	No Data	22.0	14.5
Colusa, Glenn, Tehama	8.8	19.0	No Data	No Data	26.4	14.9
Contra Costa	7.5	6.6	10.6	12.2	20.2	7.3
Del Norte, Lassen, Modoc, Plumas, Sierra, Siskiyou, Trinity	17.6	17.8	No Data	No Data	31.4	17.3
El Dorado	6.7	12.5	No Data	No Data	15.2	11.6
Fresno	9.4	16.4	16.4	4.0	10.2	12.0
Humboldt	13.3	13.3	No Data	No Data	15.3	13.5
Imperial	6.4	18.0	No Data	No Data	No Data	<del>8.8</del>
Kern	10.8	18.5	28.2	No Data	20.5	14.4
Kings	10.3	15.8	33.6	14.1	11.4	13.8
Lake	15.6	23.7	No Data	No Data	17.9	20.9
Los Angeles	8.3	8.7	13.9	6.5	10.4	<del>11.5</del> <u>8.5</u>
Madera	7.1	16.6	20.5	No Data	13.5	12.0
Marin	11.9	4.8	No Data	6.3	No Data	7.4
Mendocino	8.8	12.7	No Data	No Data	23.9	12.4
Merced	5.9	16.8	21.1	7.8	26.5	9.6
Monterey	10.8	8.5	No Data	7.8	12.2	<del>10.2</del> <u>9.3</u>

County or County Group	Hispanic or Latino	White	African American or Black	Asian or NHPI	LGB	Non-LGB
Napa	7.8	9.1	No Data	No Data	13.8	8.2
Nevada	32.3	12.4	No Data	No Data	36.5	13.5
Orange	7.7	8.3	3.5	8.9	12.7	<u>15.9</u> <u>7.9</u>
Placer	14.8	7.3	18.5	5.6	10.4	8.8
Riverside	8.9	11.7	7.6	5.5	14.6	<u>14.0</u> <u>9.6</u>
Sacramento	7.5	10.9	7.6	5.7	16.9	8.9
San Benito	14.1	9.6	No Data	No Data	30.3	<u>34.4</u> <u>6.8</u>
San Bernardino	8.8	14.1	17.4	6.2	10.4	<u>9.0</u> <u>11.2</u>
San Diego	7.6	8.6	12.4	7.9	12.9	<u>13.9</u> <u>7.9</u>
San Francisco	7.5	8.9	19.7	8.4	8.8	9.3
San Joaquin	7.4	16.6	23.0	10.0	19.4	12.0
San Luis Obispo	11.5	8.7	No Data	20.0	11.3	<u>13.1</u> <u>9.5</u>
San Mateo	7.0	5.5	9.5	5.6	10.7	5.7
Santa Barbara	8.9	9.4	No Data	No Data	6.4	9.0
Santa Clara	6.5	5.6	8.2	4.0	9.5	5.2
Santa Cruz	12.7	9.1	No Data	No Data	7.8	<u>9.2</u> <u>10.6</u>
Shasta	17.2	18.4	No Data	No Data	13.9	19.0
Solano	15.8	13.9	10.0	6.5	18.2	12.0
Sonoma	4.6	11.3	15.0	9.1	30.9	7.9
Stanislaus	13.6	12.9	8.9	11.7	23.9	12.6
Sutter	14.3	14.3	No Data	No Data	23.7	12.1
Tulare	8.7	11.4	No Data	3.5	11.6	9.2
Ventura	10.2	6.6	No Data	No Data	17.0	6.9

<b>County or County Group</b>	<b>Hispanic or Latino</b>	<b>White</b>	<b>African American or Black</b>	<b>Asian or NHPI</b>	<b>LGB</b>	<b>Non-LGB</b>
Yolo	4.8	5.9	No Data	No Data	2.1	5.2
Yuba	14.6	19.5	No Data	No Data	23.0	16.6

**Table 2. Total Estimated Population by Priority and Reference Population, by County and County Group**

County or County Group	Overall	Hispanic or Latino	White	African American or Black	Asian or NHPI	LGB	Non-LGB
Alameda	1,682,353	393,749	472,277	159,499	553,720	126,176	186,659 <u>1,556,177</u>
Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, Tuolumne	191,932	29,133	140,000	2,806	3,073	8,061	170,315 <u>183,871</u>
Butte	211,632	40,112	139,651	3,320	10,841	24,973	123,908 <u>186,659</u>
Colusa, Glenn, Tehama	116,585	43,955	62,178	713	2,068	6,879	139,434 <u>109,706</u>
Contra Costa	1,165,927	314,900	455,421	97,994	220,240	92,108	84,365 <u>1,073,819</u>
Del Norte, Lassen, Modoc, Plumas, Sierra, Siskiyou, Trinity	152,387	22,849	104,287	3,797	5,016	12,953	63,664 <u>139,434</u>
El Dorado	191,185	26,459	140,141	1,436	9,300	9,177	109,706 <u>182,008</u>
Fresno	1,008,654	540,743	271,889	44,295	110,898	74,640	92,958 <u>934,014</u>
Humboldt	136,463	18,535	93,316	1,729	3,931	12,555	75,620 <u>123,908</u>
Imperial	179,702	153,027	16,813	3,846	2,326	13,478	96,720 <u>166,224</u>
Kern	909,235	499,158	279,600	46,776	45,384	59,100	183,871 <u>850,135</u>
Kings	152,486	86,607	44,361	8,300	5,842	10,522	1804,593 <u>141,964</u>

County or County Group	Overall	Hispanic or Latino	White	African American or Black	Asian or NHPI	LGB	Non-LGB
Lake	68,163	15,442	44,202	1,158	1,029	4,499	1,556,177 <b><u>63,664</u></b>
Los Angeles	10,014,009	4,804,763	2,563,609	760,689	1,494,759	911,275	1,073,819 <b><u>9,102,734</u></b>
Madera	156,255	93,178	48,399	4,131	3,703	6,250	740,248 <b><u>150,005</u></b>
Marin	262,321	49,410	173,149	6,120	16,632	15,215	713,989 <b><u>247,106</u></b>
Mendocino	91,601	23,933	56,205	607	1,840	7,236	446,821 <b><u>84,365</u></b>
Merced	281,202	173,857	68,729	8,191	20,441	17,997	413,130 <b><u>263,205</u></b>
Monterey	439,035	265,321	120,077	9,051	26,982	33,806	247,106 <b><u>405,229</u></b>
Napa	138,019	48,829	68,909	2,300	10,836	11,456	126,563
Nevada	102,241	10,416	82,810	416	1,490	5,521	1,448,740 <b><u>96,720</u></b>
Orange	3,186,989	1,086,834	1,198,655	49,304	706,838	226,276	380,859 <b><u>2,960,713</u></b>
Placer	404,739	60,628	272,471	6,440	35,743	23,880	190,651 <b><u>380,859</u></b>
Riverside	2,418,185	1,202,295	788,235	146,762	171,656	191,037	182,008 <b><u>2,227,148</u></b>
Sacramento	1,585,055	374,434	650,271	145,724	294,306	136,315	934,014 <b><u>1,448,740</u></b>
San Benito	64,209	39,241	19,785	479	2,316	8,604	850,135 <b><u>55,605</u></b>
San Bernardino	2,181,654	1,170,913	566,113	173,322	182,377	143,989	707,544 <b><u>2,037,665</u></b>

County or County Group	Overall	Hispanic or Latino	White	African American or Black	Asian or NHPI	LGB	Non-LGB
San Diego	3,298,634	1,119,629	1,422,205	145,014	413,580	290,280	515,835 <b>3,008,354</b>
San Francisco	873,965	136,761	341,306	45,071	297,464	133,717	439,999 <b>740,248</b>
San Joaquin	779,233	325,725	215,530	56,898	139,661	71,689	263,205 <b>707,544</b>
San Luis Obispo	282,424	67,921	183,468	4,330	10,341	10,167	141,964 <b>272,257</b>
San Mateo	764,442	191,386	275,902	14,701	236,623	50,453	150,005 <b>713,989</b>
Santa Barbara	448,229	210,584	184,746	6,467	25,920	32,721	790,681 <b>415,508</b>
Santa Clara	1,936,259	487,357	555,708	42,148	759,344	131,666	415,508 <b>1,804,593</b>
Santa Cruz	270,861	94,299	145,551	2,850	12,349	31,691	239,170
Shasta	182,155	19,730	136,894	1,761	6,162	11,840	272,257 <b>170,315</b>
Solano	453,491	128,155	155,125	60,051	74,728	40,361	405,229 <b>413,130</b>
Sonoma	488,863	141,438	285,792	7,125	23,947	42,042	55,605 <b>446,821</b>
Stanislaus	552,878	265,978	207,908	14,302	36,882	37,043	9,102,734 <b>515,835</b>
Sutter	99,633	31,568	41,366	1,774	18,293	6,675	2,960,713 <b>92,958</b>
Tulare	473,117	309,895	125,022	5,332	16,508	33,118	3,008,354 <b>439,999</b>
Ventura	843,843	365,285	360,850	13,704	64,667	53,162	2,037,665 <b>790,681</b>
Yolo	216,403	71,700	93,911	5,722	30,951	25,752	2,227,148 <b>190,651</b>

County or County Group	Overall	Hispanic or Latino	White	African American or Black	Asian or NHPI	LGB	Non-LGB
Yuba	81,575	23,520	41,750	2,831	5,955	5,955	+66,224 <b>75,620</b>

**Table 3. Absolute Disparity by Priority Population, by County or County Group**

County or County Group	Hispanic or Latino	African American or Black	Asian or NHPI	LGB
Alameda	6.9	10.3	Reference	6.1
Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, Tuolumne	Reference	No Data	No Data	0.8
Butte	Reference	No Data	No Data	7.5
Colusa, Glenn, Tehama	Reference	No Data	No Data	11.5
Contra Costa	0.9	4.0	5.6	12.9
Del Norte, Lassen, Modoc, Plumas, Sierra, Siskiyou, Trinity	Reference	No Data	No Data	14.1
El Dorado	Reference	No Data	No Data	3.6
Fresno	5.4	12.4	Reference	Reference
Humboldt	0.0	No Data	No Data	1.8
Imperial	Reference	No Data	No Data	No Data
Kern	Reference	17.4	No Data	6.1
Kings	Reference	23.3	3.8	Reference
Lake	Reference	No Data	No Data	<del>No Data</del> <u>Reference</u>
Los Angeles	1.8	7.4	Reference	1.9
Madera	Reference	13.4	No Data	1.5
Marin	7.1	No Data	1.5	No Data
Mendocino	Reference	No Data	No Data	11.5
Merced	Reference	15.2	1.9	16.9
Monterey	3.0	No Data	Reference	2.9
Napa	Reference	No Data	No Data	5.6
Nevada	19.9	No Data	No Data	23.0
Orange	4.2	Reference	5.4	4.8
Placer	9.2	12.9	Reference	1.6

<b>County or County Group</b>	<b>Hispanic or Latino</b>	<b>African American or Black</b>	<b>Asian or NHPI</b>	<b>LGB</b>
Riverside	3.4	2.1	Reference	5.0
Sacramento	1.8	1.9	Reference	8.0
San Benito	4.5	No Data	No Data	23.5
San Bernardino	2.6	11.2	Reference	Reference
San Diego	Reference	4.8	0.3	5.0
San Francisco	Reference	12.2	0.9	Reference
San Joaquin	Reference	15.6	2.6	7.4
San Luis Obispo	2.8	No Data	11.3	1.8
San Mateo	1.5	4.0	0.1	5.0
Santa Barbara	Reference	No Data	No Data	Reference
Santa Clara	2.5	4.2	Reference	4.3
Santa Cruz	3.6	No Data	No Data	Reference
Shasta	Reference	No Data	No Data	Reference
Solano	9.3	3.5	Reference	6.2
Sonoma	Reference	10.4	4.5	23.0
Stanislaus	4.7	Reference	2.8	11.3
Sutter	0.0	No Data	No Data	11.6
Tulare	5.2	No Data	Reference	2.4
Ventura	3.6	No Data	No Data	10.1
Yolo	Reference	No Data	No Data	<u>No Data Reference</u>
Yuba	Reference	No Data	No Data	6.4

**Table 4. Relative Disparity by Priority Population, by County or County Group**

County or County Group	Hispanic or Latino	African American or Black	Asian or NHPI	LGB
Alameda	215.63	321.88	Reference	78.21
Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, Tuolumne	Reference	No Data	No Data	5.67
Butte	Reference	No Data	No Data	51.72
Colusa, Glenn, Tehama	Reference	No Data	No Data	77.18
Contra Costa	13.64	60.61	84.85	176.71
Del Norte, Lassen, Modoc, Plumas, Sierra, Siskiyou, Trinity	Reference	No Data	No Data	81.50
El Dorado	Reference	No Data	No Data	31.03
Fresno	135.00	310.00	Reference	Reference
Humboldt	0.00	No Data	No Data	13.33
Imperial	Reference	No Data	No Data	No Data
Kern	Reference	161.11	No Data	42.36
Kings	Reference	226.21	36.89	Reference
Lake	Reference	No Data	No Data	Reference
Los Angeles	27.69	113.85	Reference	22.35
Madera	Reference	188.73	No Data	12.50
Marin	147.92	No Data	31.25	No Data
Mendocino	Reference	No Data	No Data	92.74
Merced	Reference	257.63	32.20	176.04
Monterey	38.46	No Data	Reference	31.18
Napa	Reference	No Data	No Data	68.29
Nevada	160.48	No Data	No Data	170.37
Orange	120.00	Reference	154.29	60.76
Placer	164.29	230.36	Reference	18.18
Riverside	61.82	38.18	Reference	52.08

<b>County or County Group</b>	<b>Hispanic or Latino</b>	<b>African American or Black</b>	<b>Asian or NHPI</b>	<b>LGB</b>
Sacramento	31.58	33.33	Reference	89.89
San Benito	46.88	No Data	No Data	345.59
San Bernardino	41.94	180.65	Reference	Reference
San Diego	Reference	63.16	3.95	63.29
San Francisco	Reference	162.67	12.00	Reference
San Joaquin	Reference	210.81	35.14	61.67
San Luis Obispo	32.18	No Data	129.89	18.95
San Mateo	27.27	72.73	1.82	87.72
Santa Barbara	Reference	No Data	No Data	Reference
Santa Clara	62.50	105.00	Reference	82.69
Santa Cruz	39.56	No Data	No Data	Reference
Shasta	Reference	No Data	No Data	Reference
Solano	143.08	53.85	Reference	51.67
Sonoma	Reference	226.09	97.83	291.14
Stanislaus	52.81	Reference	31.46	89.68
Sutter	0.00	No Data	No Data	95.87
Tulare	148.57	No Data	Reference	26.09
Ventura	54.55	No Data	No Data	146.38
Yolo	Reference	No Data	No Data	Reference
Yuba	Reference	No Data	No Data	38.55

**Table 5. Relative Disparity Weighted to County Population by Priority Population, by County or County Group**

County or County Group	Hispanic or Latino	African American or Black	Asian or NHPI	LGB
Alameda	50.47	30.52	Reference	5.87
Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, Tuolumne	Reference	No Data	No Data	0.24
Butte	Reference	No Data	No Data	6.10
Colusa, Glenn, Tehama	Reference	No Data	No Data	4.55
Contra Costa	3.68	5.09	16.03	13.96
Del Norte, Lassen, Modoc, Plumas, Sierra, Siskiyou, Trinity	Reference	No Data	No Data	6.93
El Dorado	Reference	No Data	No Data	1.49
Fresno	72.37	13.61	Reference	Reference
Humboldt	0.00	No Data	No Data	1.23
Imperial	Reference	No Data	No Data	No Data
Kern	Reference	8.29	No Data	2.75
Kings	Reference	12.31	1.41	Reference
Lake	Reference	No Data	No Data	Reference
Los Angeles	13.29	8.65	Reference	2.03
Madera	Reference	4.99	No Data	0.50
Marin	27.86	No Data	1.98	No Data
Mendocino	Reference	No Data	No Data	7.33
Merced	Reference	7.50	2.34	11.27
Monterey	23.24	No Data	Reference	2.40
Napa	Reference	No Data	No Data	5.67
Nevada	16.35	No Data	No Data	9.20
Orange	40.92	Reference	34.22	4.31
Placer	24.61	3.67	Reference	1.07
Riverside	30.74	2.32	Reference	4.11

<b>County or County Group</b>	<b>Hispanic or Latino</b>	<b>African American or Black</b>	<b>Asian or NHPI</b>	<b>LGB</b>
Sacramento	7.46	3.06	Reference	7.73
San Benito	28.65	No Data	No Data	46.31
San Bernardino	22.51	14.35	Reference	Reference
San Diego	Reference	2.78	0.49	5.57
San Francisco	Reference	8.39	4.08	Reference
San Joaquin	Reference	15.39	6.30	5.67
San Luis Obispo	7.74	No Data	4.76	0.68
San Mateo	6.83	1.40	0.56	5.79
Santa Barbara	Reference	No Data	No Data	Reference
Santa Clara	15.73	2.29	Reference	5.62
Santa Cruz	13.77	No Data	No Data	Reference
Shasta	Reference	No Data	No Data	Reference
Solano	40.43	7.13	Reference	4.60
Sonoma	Reference	3.30	4.79	25.04
Stanislaus	25.41	Reference	2.10	6.01
Sutter	0.00	No Data	No Data	6.42
Tulare	97.32	No Data	Reference	1.83
Ventura	23.61	No Data	No Data	9.22
Yolo	Reference	No Data	No Data	Reference
Yuba	Reference	No Data	No Data	2.81

**Table 6. Relative Disparity Weighted to County and Statewide Population by Priority Population, by County or County Group**

County or County Group	Hispanic or Latino	African American or Black	Asian or NHPI	LGB
Alameda	38.45	40.48	Reference	12.60
Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, Tuolumne	Reference	No Data	No Data	0.03
Butte	Reference	No Data	No Data	2.59
Colusa, Glenn, Tehama	Reference	No Data	No Data	0.53
Contra Costa	2.24	4.15	9.16	21.89
Del Norte, Lassen, Modoc, Plumas, Sierra, Siskiyou, Trinity	Reference	No Data	No Data	1.53
El Dorado	Reference	No Data	No Data	0.23
Fresno	75.73	5.01	Reference	Reference
Humboldt	0.00	No Data	No Data	0.26
Imperial	Reference	No Data	No Data	No Data
Kern	Reference	3.22	No Data	2.77
Kings	Reference	0.85	0.02	Reference
Lake	Reference	No Data	No Data	Reference
Los Angeles	123.54	54.71	Reference	31.56
Madera	Reference	0.17	No Data	0.05
Marin	2.66	No Data	0.09	No Data
Mendocino	Reference	No Data	No Data	0.90
Merced	Reference	0.51	0.12	3.45
Monterey	11.93	No Data	Reference	1.38
Napa	Reference	No Data	No Data	1.11
Nevada	0.33	No Data	No Data	0.86
Orange	86.07	Reference	62.74	16.62
Placer	2.89	0.20	Reference	0.44

<b>County or County Group</b>	<b>Hispanic or Latino</b>	<b>African American or Black</b>	<b>Asian or NHPI</b>	<b>LGB</b>
Riverside	71.51	2.83	Reference	13.38
Sacramento	5.41	3.71	Reference	17.94
San Benito	2.18	No Data	No Data	6.78
San Bernardino	51.00	20.69	Reference	Reference
San Diego	Reference	3.35	0.53	27.52
San Francisco	Reference	3.14	3.15	Reference
San Joaquin	Reference	7.28	2.28	6.92
San Luis Obispo	1.02	No Data	0.13	0.12
San Mateo	2.53	0.17	0.35	4.97
Santa Barbara	Reference	No Data	No Data	Reference
Santa Clara	14.84	0.80	Reference	12.60
Santa Cruz	2.51	No Data	No Data	Reference
Shasta	Reference	No Data	No Data	Reference
Solano	10.03	3.56	Reference	3.16
Sonoma	Reference	0.20	0.30	17.92
Stanislaus	13.08	Reference	0.20	3.79
Sutter	0.00	No Data	No Data	0.73
Tulare	58.36	No Data	Reference	1.03
Ventura	16.69	No Data	No Data	8.35
Yolo	Reference	No Data	No Data	Reference
Yuba	Reference	No Data	No Data	0.29