

While not included in the policy brief, *Designed for Disease*, findings for California's largest counties are described here to help provide a local context for the study.

### Average RFEI, and Obesity and Diabetes Prevalence for CHIS Respondents in Most Populated Counties<sup>1</sup>

County	Population	RFEI <sup>2</sup>	Obesity Prevalence <sup>3</sup> (%)	Diabetes Prevalence <sup>4</sup> (%)
San Bernardino	1,950,806	5.60	27.2	7.7
Stanislaus	505,352	5.48	31.5	9.8
Kern	757,882	5.23	28.2	10.2
Solano	420,307	5.11	23.9	8.1
Fresno	883,650	5.01	23.0	8.4
Orange	3,047,054	4.99	17.3	5.8
Tulare	411,701	4.85	29.4	10.1
Los Angeles	10,166,417	4.85	20.7	7.2
San Diego	3,039,277	4.76	18.4	5.7
Contra Costa	1,019,101	4.67	24.9	5.1
Sacramento	1,366,937	4.56	21.8	5.8
San Joaquin	655,319	4.53	28.8	9.1
San Francisco	792,952	4.47	14.8	5.7
Ventura	810,763	4.42	19.5	6.3
Alameda	1,500,228	4.24	16.5	6.5
Riverside	1,888,311	4.23	25.5	7.5
Placer	308,431	4.16	18.7	4.1
Santa Barbara	417,988	3.90	22.2	8.0
Santa Clara	1,752,653	3.54	18.2	7.8
Sonoma	477,697	3.29	24.2	4.7
San Luis Obispo	261,310	2.85	17.2	4.2
San Mateo	719,655	2.80	17.1	5.5
Santa Cruz	260,339	2.24	12.1	3.4
Marin	251,820	2.06	11.4	3.0
California	33,665,950	4.48	21.2	6.8

Orange represents counties with an RFEI above 5

Green represents counties with an RFEI below 3

1. The California Health Interview Survey (CHIS) is a telephone survey of adults from all parts of California. CHIS 2005 completed interviews with over 43,000 adults from every county in the state. This chart provides data for counties with populations over 250,000 which represent over 90 percent of the state's population.
2. Average RFEI was calculated based on data from the 2005 California Health Interview Survey and 2005 InfoUSA Business File. The RFEI was calculated for each adult CHIS respondent by dividing the total number of fast-food restaurants and convenience stores by the total number of grocery stores and produce vendors within a given radius (a half-mile in urban areas, one mile in smaller cities and suburban areas and five miles in rural areas) around the respondent's home address. These RFEIs were then averaged for each county presented here. This methodology differs from that used in the 2007 study conducted by the California Center for Public Health Advocacy because that study calculated the RFEI ratio by including all fast-food restaurants, convenience stores, grocery stores and produce vendors in the entire county (rather than only those around CHIS respondents' homes).
3. 2005 California Health Interview Survey
4. Diamant AL, Babey SH, Hastert TA and Brown ER. *Diabetes: The Growing Epidemic*. Los Angeles: UCLA Center for Health Policy Research, 2007. Diabetes prevalence is age-adjusted.

*Designed for Disease: The Link Between Local Food Environments and Obesity and Diabetes* is available at [www.publichealthadvocacy.org/designedfordisease.html](http://www.publichealthadvocacy.org/designedfordisease.html). The project was undertaken by CCPHA, PolicyLink and the UCLA Center for Health Policy Research. PolicyLink and CCPHA's work on the project was supported by a grant from the California Vitamin Cases Consumer Settlement Fund and the UCLA Center for Health Policy Research's work was supported by a grant from The California Endowment.

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### Obesity and Diabetes Prevalence for CHIS Respondents in Most Populated Counties<sup>1</sup>

County	RFEI <sup>2</sup>	Ranked by Obesity Prevalence <sup>3</sup> (%)
Stanislaus	5.48	31.5
Tulare	4.85	29.4
San Joaquin	4.53	28.8
Kern	5.23	28.2
San Bernardino	5.60	27.2
Riverside	4.23	25.5
Contra Costa	4.67	24.9
Sonoma	3.29	24.2
Solano	5.11	23.9
Fresno	5.01	23.0
Santa Barbara	3.90	22.2
Sacramento	4.56	21.8
Los Angeles	4.85	20.7
Ventura	4.42	19.5
Placer	4.16	18.7
San Diego	4.76	18.4
Santa Clara	3.54	18.2
Orange	4.99	17.3
San Luis Obispo	2.85	17.2
San Mateo	2.80	17.1
Alameda	4.24	16.5
San Francisco	4.47	14.8
Santa Cruz	2.24	12.1
Marin	2.06	11.4
California	4.48	21.2

County	RFEI <sup>2</sup>	Ranked by Diabetes Prevalence <sup>4</sup> (%)
Kern	5.23	10.2
Tulare	4.85	10.1
Stanislaus	5.48	9.8
San Joaquin	4.53	9.1
Fresno	5.01	8.4
Solano	5.11	8.1
Santa Barbara	3.90	8.0
Santa Clara	3.54	7.8
San Bernardino	5.60	7.7
Riverside	4.23	7.5
Los Angeles	4.85	7.2
Alameda	4.24	6.5
Ventura	4.42	6.3
Sacramento	4.56	5.8
Orange	4.99	5.8
San Francisco	4.47	5.7
San Diego	4.76	5.7
San Mateo	2.80	5.5
Contra Costa	4.67	5.1
Sonoma	3.29	4.7
San Luis Obispo	2.85	4.2
Placer	4.16	4.1
Santa Cruz	2.24	3.4
Marin	2.06	3.0
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