

I-710 Project: Need for a Comprehensive Health Analysis

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October 29, 2009



Why is a comprehensive health analysis needed?

- The stakes are high:
 - I-710 corridor population is very large and under current conditions is disproportionately impacted by local sources of pollution and other health risks (e.g., poverty, reduced access to health care, high rates of selected chronic diseases)
 - The I-710 project is massive, with enormous potential to positively and/or negatively impact health THROUGH MULTIPLE PATHWAYS in this large population.
- Project alternatives and mitigation measures have great potential to reduce adverse health impacts and enhance impacts that are health beneficial.
- The current EIR plan includes a relatively narrow assessment of health impacts.



Multiple Health Pathways (a partial list)

- Project → air quality → asthma, heart disease, COPD exacerbation, birth outcomes, child lung development
- Project → congestion and mobility → access to and safety of streets, access to parks → physical activity, injury
- Project → noise → hypertension, CV disease, child development
- Project → use of mass transit → multiple health impacts
- Project → social and economic impacts → multiple health impacts



Cities/Communities with Lowest and Highest Childhood Obesity Rates

Top 10*

Bottom 10*

City/Community Name	2005 Youth Obesity Prevalence (%)	Rank of Economic Hardship (1 - 128)	City/Community Name	2005 Youth Obesity Prevalence (%)	Rank of Economic Hardship (1 - 128)
Manhattan Beach	4.2	2	Cudahy	29.4	123
Palos Verdes Estates	6.3	5	West Whittier-Los Nietos	29.7	81
Beverly Hills	6.9	19	West Puente Valley	30.0	90
San Marino	7.1	15	Bell	30.2	115
Agoura Hills	7.3	10	Willowbrook	30.5	116
Calabasas	8.0	8	Huntington Park	30.6	122
South Pasadena	9.0	17	East Los Angeles	31.9	117
La Canada Flintridge	11.4	18	Florence-Graham	32.0	128
Rancho Palos Verdes	11.6	13	San Fernando	32.9	103
Arcadia	12.3	35	Maywood	37.4	121
Average 10 lowest	8.0%		Average 10 highest	31.5%	

*Table excludes cities/communities where number of students with BMI data < 500.

Data Source: California Physical Fitness Testing Program, California Department of Education. Includes 5th, 7th, and 9th graders enrolled in LA County public schools.

