GETTING TO WHERE YOU WANT TO GO:
DEMOGRAPHY, ECONOMY, AND THE REGION

Prepared by: Manuel Pastor, Jennifer Ito, Jared P. Sanchez, Madeline Wander, and Anthony Perez
CENTRAL SANTA ANA
Changing Demographics
Population by Race/Ethnicity
1990 to 2005-2009

Central Santa Ana BHC Site
Orange County
California

Source: PERE analysis of 1990 and 200 Census data and 2005-2009 ACS data, at the block group level.
Population by Race/Ethnicity
2005-2009

Source: PERE analysis of 2005-2009 ACS data, at the block group level.
Proportion of People of Color
1990 to 2005-2009

Household Language 1990 to 2005-2009

Percent of Households that are Linguistically Isolated
1990 to 2005-2009

*Linguistically isolated households are those that in which no one age 14 years and over speaks English only or speaks English "very well" (if they speak a non-English language).

Immigrant Integration
Population by Immigration Status
2005-2009

Source: PERE analysis of 2005-2009 ACS data, at the tract level.

Source: PERE analysis of 2005-2009 ACS data, at the tract level.
Proportion of Immigrants
1990 to 2005-2009

Country/Region of Origin for Immigrants

Central Santa Ana BHC Site
Orange County
California

Percent Immigrant by Census Tract, 1980
Central Santa Ana BHC Site, Orange County

Data is mapped on 2000 Census tracts
Percent Immigrant by Census Tract, 1990
Central Santa Ana BHC Site, Orange County

Data is mapped on 2000 Census tracts
Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts.
Percent Immigrant by Census Tract, 2005-09
Central Santa Ana BHC Site, Orange County

Data is mapped on 2000 Census tracts
Geography of Change
Percent Latino by Census Tract, 1980
Central Santa Ana BHC Site, Orange County

- Less than 20%
- 20% - 39%
- 40% - 69%
- 70% or more
- Missing data

Data is mapped on 2000 Census tracts
Percent Latino by Census Tract, 1990
Central Santa Ana BHC Site, Orange County

- Less than 20%
- 20% - 39%
- 40% - 69%
- 70% or more
- Missing data

Data is mapped on 2000 Census tracts
Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts
Source: GeoLytics 2010 Summary File SF1, and US Census Bureau.
Data is mapped on 2000 Census tracts
Percent Asian/Pacific Islander by Census Tract, 1980
Central Santa Ana BHC Site, Orange County

- Less than 10%
- 10% - 24%
- 25% - 39%
- 40% or more
- Missing data

Data is mapped on 2000 Census tracts
Percent Asian/Pacific Islander by Census Tract, 1990
Central Santa Ana BHC Site, Orange County

Data is mapped on 2000 Census tracts
Percent Asian/Pacific Islander by Census Tract, 2000 Central Santa Ana BHC Site, Orange County

Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts
Percent Asian/Pacific Islander by Census Tract, 2010
Central Santa Ana BHC Site, Orange County

Source: GeoLytics 2010 Summary File SF1, and US Census Bureau.
Data is mapped on 2000 Census tracts
Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 1990
Central Santa Ana BHC Site, Orange County

Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 2000
Central Santa Ana BHC Site, Orange County

Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 2010
Central Santa Ana BHC Site, Orange County

Source: GeoLytics 2010 Summary File SF1, and US Census Bureau.
Data is mapped on 2000 Census tracts
Percent Non-Hispanic White by Census Tract, 1980 Central Santa Ana BHC Site, Orange County

Data is mapped on 2000 Census tracts.

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Percent Non-Hispanic White by Census Tract, 1990
Central Santa Ana BHC Site, Orange County

Data is mapped on 2000 Census tracts
Percent Non-Hispanic White by Census Tract, 2000
Central Santa Ana BHC Site, Orange County

Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts
Generational Trends
Age by Sex, California, 2005-09

Source: PERE analysis of 2005-2009 ACS data, at the block group level.
Age by Sex, Orange County, 2005-09

Source: PERE analysis of 2005-2009 ACS data, at the block group level.
Age by Sex, Central Santa Ana BHC Site, 2005-09

Source: PERE analysis of 2005-2009 ACS data, at the block group level.
Age Distribution by Race/Ethnicity
2005-2009

Source: PERE analysis of 2005-2009 ACS data
Dependency Ratio*
1990 to 2005-2009

*The Dependency Ratio is the population above the age of 64 and below the age of 18 as a share of the working age population (ages 18-64).

Youth by Race/Ethnicity*
2005-2009

* "Youth" includes everyone less than 18 years old
Youth in Poverty
1990 to 2005-2009

<table>
<thead>
<tr>
<th></th>
<th>1990</th>
<th>2000</th>
<th>2005-09</th>
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<tbody>
<tr>
<td>Central Santa Ana BHC Site</td>
<td>28%</td>
<td>31%</td>
<td>29%</td>
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<tr>
<td>Orange County</td>
<td>11%</td>
<td>14%</td>
<td>13%</td>
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<tr>
<td>California</td>
<td>18%</td>
<td>19%</td>
<td>18%</td>
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Percent of Youth in Poverty by Age Group*
1990 to 2005-2009

* "Youth" includes everyone less than 18 years old
Percent of Youth in Poverty by Age Group*
2005-2009

* "Youth" includes everyone less than 18 years old
Economic Indicators
Percent of Population Below 150 Percent Federal Poverty Line (FPL)*
1990 to 2005-2009

Central Santa Ana BHC Site  Orange County  California

*Includes all persons living in households with household incomes below 150 percent of the FPL.
Median Household Income
1990 to 2005-2009

Data adjusted for inflation using the Consumer Price Index provided by California Department of Finance. Data in 2009 dollars.
Average Per Capita Income
1990 to 2005-2009

Data adjusted for inflation using the Consumer Price Index provided by California Department of Finance. Data in 2009 dollars.
Percent Poverty by Race/Ethnicity

Educational Attainment by Race/Ethnicity
2005-2009

Central Santa Ana BHC Site

- White: 16% BA or higher, 38% Some College, 31% HS Grad, 15% Less than High School
- Latino: 2% BA or higher, 69% Some College, 48% HS Grad, 15% Less than High School
- Asian/Pacific Islander: 11% BA or higher, 24% Some College, 48% HS Grad, 24% Less than High School
- Black: 8% BA or higher, 30% Some College, 38% HS Grad, 24% Less than High School

Orange County

- White: 11% BA or higher, 43% Some College, 35% HS Grad, 5% Less than High School
- Latino: 2% BA or higher, 49% Some College, 24% HS Grad, 19% Less than High School
- Asian/Pacific Islander: 11% BA or higher, 49% Some College, 24% HS Grad, 15% Less than High School
- Black: 13% BA or higher, 45% Some College, 23% HS Grad, 8% Less than High School

Source: PERE analysis of 2005-2009 ACS data

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Employment Status by Race/Ethnicity
2005-2009

Central Santa Ana BHC Site

Orange County

Source: PERE analysis of 2005-2009 ACS data
Occupation by Race/Ethnicity
2005-2009

Source: PERE analysis 2005-2009 ACS data.
Industry by Sex, 2005-2009

Housing Equity Indicators
**Housing Tenure**  

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<tr>
<td></td>
<td>Renter</td>
<td>Owner</td>
<td>Renter</td>
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<tr>
<td>1990</td>
<td>57%</td>
<td>43%</td>
<td>54%</td>
<td>46%</td>
<td>46%</td>
<td>60%</td>
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<td>2000</td>
<td>54%</td>
<td>46%</td>
<td>54%</td>
<td>46%</td>
<td>46%</td>
<td>61%</td>
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<tr>
<td>2005-09</td>
<td>40%</td>
<td>60%</td>
<td>39%</td>
<td>61%</td>
<td>61%</td>
<td>39%</td>
<td>44%</td>
<td>56%</td>
<td>58%</td>
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</tbody>
</table>

Housing Tenure by Race/Ethnicity
2005-2009

Source: PERE analysis of 2005-2009 ACS data
Overcrowded Housing by Tenure
2005-2009

Source: PERE analysis of 2005-2009 ACS data
Health Equity Indicators
• 32% of adults are uninsured versus 23% in Orange County & 22%* in CA

• 42% of adults are insured by private coverage / employer versus 63%* in Orange County & 61%* in CA

• 8% of children are uninsured versus 6% in Orange County & 5% in CA

* Denotes statistically significant difference from BHC site estimate.

Environmental Justice Indicators
Proximity to Hazards and Sensitive Land Uses
Central Santa Ana BHC Site, Orange County

Hazard and Sensitivity Score, Population and Distance Weight with Traffic by Census Tract

Source: Rachel Morello-Frosch (UC Berkeley), Manuel Pastor (USC), and James Sadd (Occidental College); analysis by USC's Program for Environmental and Regional Equity (PERE).
Health Risk and Exposure
Central Santa Ana BHC Site, Orange County

Health Risk and Exposure Score, Quintile Ranking by Census Tract

Source: Rachel Morello-Frosch (UC Berkeley), Manuel Pastor (USC), and James Sadd (Occidental College); analysis by USC's Program for Environmental and Regional Equity (PERE).
CUMULATIVE IMPACT

Proximity to Hazards and Land Uses Associated with Air Pollution, and Sensitive Land Uses

Health Risk indicators

Social Vulnerability Indicators
Regional Economic Trends
Orange County & Santa Ana BHC Site
Educational Requirements for New Jobs in the Region &
Educational Attainment by Race/Ethnicity
Population 25+
(2008-2010)

Educational Requirements (Projected, 2008-2018)

Educational Attainment (2008-10)

- Less than an Associates Degree
- Associates degree and/or occupational program
- Bachelors degree or higher

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Growth in Jobs and Earnings by Wage Level, 1990-2010

- Low-Wage: 20% decrease in jobs and 48% increase in earnings per worker
- Med-Wage: 26% decrease in jobs and negligible change in earnings per worker
- High-Wage: 14% increase in jobs and 9% increase in earnings per worker
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<tr>
<td>Utilities</td>
<td>$86,811</td>
<td>High</td>
<td>16%</td>
<td>19%</td>
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<tr>
<td>Mining</td>
<td>$61,406</td>
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<tr>
<td>Professional, Scientific, and Technical Services</td>
<td>$61,239</td>
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<tr>
<td>Wholesale Trade</td>
<td>$58,360</td>
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<tr>
<td>Finance and Insurance</td>
<td>$55,535</td>
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<tr>
<td>Construction</td>
<td>$53,610</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Manufacturing</td>
<td>$52,363</td>
<td>Medium</td>
<td>49%</td>
<td>43%</td>
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<tr>
<td>Information</td>
<td>$50,436</td>
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<tr>
<td>Management of Companies and Enterprises</td>
<td>$48,922</td>
<td></td>
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<tr>
<td>Health Care and Social Assistance</td>
<td>$48,871</td>
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<tr>
<td>Real Estate and Rental and Leasing</td>
<td>$43,392</td>
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<tr>
<td>Transportation and Warehousing</td>
<td>$43,338</td>
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<tr>
<td>Retail Trade</td>
<td>$32,820</td>
<td></td>
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<tr>
<td>Other Services (except Public Administration)</td>
<td>$28,862</td>
<td>Low</td>
<td>35%</td>
<td>38%</td>
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<tr>
<td>Arts, Entertainment, and Recreation</td>
<td>$28,688</td>
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<td>Education Services</td>
<td>$28,566</td>
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<tr>
<td>Administrative and Support and Waste Manage</td>
<td>$28,175</td>
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<tr>
<td>Agriculture, Forestry, Fishing and Hunting</td>
<td>$23,924</td>
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<tr>
<td>Accommodation and Food Services</td>
<td>$17,903</td>
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EMPLOYMENT GROWTH – ORANGE COUNTY

Industry Size, Pay, and Growth
(Bubble size represents total employment in 2010)

Annual Average Earnings ($2010)

Manufacturing $70,000
Construction $30,000
Retail Trade $10,000
Other Services (except Public Admin) $0.0
Retail Trade $10,000
Agriculture/Forestry/Fishing & Hunting
Transportation/Warehousing

Employment Growth (%), 2000-2010

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Neighborhood Index: Using 5 indicators subtracting each from their mean of the county they are in and then dividing by the standard deviation.

Help determine the combined effect of social factors that impact health and well-being, including poverty, unemployment, less than high school education, cancer risk, and premature births.
Neighborhood Index
Central Santa Ana BHC Site, Orange County

Neighborhood Index by Need Level by Census Tract

- Very Low
- Low
- Moderate
- High
- Very High

Data is mapped on 2000 Census tracts