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
COACHELLA VALLEY
COACHELLA VALLEY BHC SITE BOUNDARIES
Changing Demographics
Population by Race/Ethnicity
1990 to 2005-2009

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

Source: PERE analysis of 1990 and 200 Census data and 2005-2009 ACS data
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

Percent Immigrant by Census Tract, 1980
Coachella BHC Site, Riverside County

Data is mapped on 2000 Census tracts

Pacifc Ocean
Percent Immigrant by Census Tract, 1990
Coachella BHC Site, Riverside County

Data is mapped on 2000 Census tracts
Percent Immigrant by Census Tract, 2000
Coachella BHC Site, Riverside County

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

Data is mapped on 2000 Census tracts
Geography of Change
Percent Latino by Census Tract, 1980
Coachella BHC Site, Riverside County

- Less than 25%
- 25% - 44%
- 45% - 69%
- 70% or more
- Missing data

Data is mapped on 2000 Census tracts
Prepared by USC PERE | July 2013 | 21

Percent Latino by Census Tract, 2000
Coachella BHC Site, Riverside County

- Less than 25%
- 25% - 44%
- 45% - 69%
- 70% or more
- Missing data

Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts
Percent Latino by Census Tract, 2010
Coachella BHC Site, Riverside County

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
Coachella BHC Site, Riverside County

Data is mapped on 2000 Census tracts
Percent Asian/Pacific Islander by Census Tract, 1990
Coachella BHC Site, Riverside County

Data is mapped on 2000 Census tracts.
Percent Asian/Pacific Islander by Census Tract, 2000
Coachella BHC Site, Riverside County

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

Source: GeoLytics 2010 Summary File SF1, and US Census Bureau.
Data is mapped on 2000 Census tracts.
Percent African American by Census Tract, 1980
Coachella BHC Site, Riverside County

- Less than 5%
- 5% - 9%
- 9% - 14%
- 15% or more
- Missing data

Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 1990
Coachella BHC Site, Riverside County

Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 2000
Coachella BHC Site, Riverside County

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 Non-Hispanic White by Census Tract, 1980 Coachella BHC Site, Riverside County

- Less than 20%
- 20% - 39%
- 40% - 59%
- 60% or more
- Missing data

Data is mapped on 2000 Census tracts.
Percent Non-Hispanic White by Census Tract, 1990 Coachella BHC Site, Riverside County

- Less than 20%
- 20% - 39%
- 40% - 59%
- 60% or more
- Missing data

Data is mapped on 2000 Census tracts
Percent Non-Hispanic White by Census Tract, 2000
Coachella BHC Site, Riverside 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, Riverside County, 2005-09

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

Coachella Valley BHC Site:
- Latino: 94.6%
- Other: 5.4%

Riverside County:
- Latino: 29.2%
- African American or Black: 6.5%
- Asian or Pacific Islander: 4.2%

California:
- Latino: 30.4%
- African American or Black: 6.4%
- Asian or Pacific Islander: 10.5%
- Other: 3.9%

Prepared by USC PERE | July 2013 | 42
Youth in Poverty
1990 to 2005-2009

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
Percent of Population Below 150 Percent Federal Poverty Line (FPL)*
1990 to 2005-2009

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

1990: $39,952
2000: $38,950
2005-09: $38,630

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

White | Latino | Asian/Pacific Islander | Black
---|---|---|---
2000 | 6% | 14% | 8% | 3%
2005-09 | 7% | 27% | 21% | 7%
2000 | 8% | 14% | 7% | 10%
2005-09 | 21% | 21% | 17% | 15%
2000 | 8% | 22% | 8% | 22%
2005-09 | 8% | 19% | 8% | 10%


Prepared by USC PERE | July 2013 | 50
Educational Attainment by Race/Ethnicity
2005-2009

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

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

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
COACHELLA BHC

• 36% of adults are uninsured versus 20% in Riverside County & 22%* in CA

• 32% of adults are insured by private coverage / employer versus 58%* in Riverside County & 61%* in CA

• 15% of children are uninsured versus 4%* in Riverside County & 5%* in CA

* Denotes statistically significant difference from BHC site estimate.

Environmental Justice Indicators
Proximity to Hazards and Sensitive Land Uses
Coachella BHC Site, Riverside 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
Coachella BHC Site, Riverside 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).
Social and Health Vulnerability
Coachella BHC Site, Riverside County

Social and Health Vulnerability 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
Riverside County & Coachella Valley BHC Site
Educational Requirements for New Jobs in the Region &
Educational Attainment by Race/Ethnicity
Population 25+
(2008-2010)

Educational Requirements (Projected, 2008-2018)

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

Educational Attainment (2008-10)

Prepared by USC PERE | July 2013 | 68
Growth in Jobs and Earnings by Wage Level, 1990-2010

- Jobs:
  - Low-Wage: 64%
  - Med-Wage: 43%
  - High-Wage: 99%

- Earnings per worker:
  - Low-Wage: 4%
  - Med-Wage: 3%
  - High-Wage: 5%
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilities</td>
<td>$68,025</td>
<td>High</td>
<td>19%</td>
<td>23%</td>
</tr>
<tr>
<td>Mining</td>
<td>$58,547</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional, Scientific, and Technical Services</td>
<td>$48,351</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Information</td>
<td>$44,702</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Care and Social Assistance</td>
<td>$44,515</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manufacturing</td>
<td>$42,939</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management of Companies and Enterprises</td>
<td>$42,459</td>
<td>Medium</td>
<td>49%</td>
<td>44%</td>
</tr>
<tr>
<td>Wholesale Trade</td>
<td>$42,030</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finance and Insurance</td>
<td>$41,769</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>$40,522</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transportation and Warehousing</td>
<td>$37,994</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Real Estate and Rental and Leasing</td>
<td>$33,951</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retail Trade</td>
<td>$28,591</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arts, Entertainment, and Recreation</td>
<td>$25,323</td>
<td>Low</td>
<td>32%</td>
<td>33%</td>
</tr>
<tr>
<td>Administrative and Support and Waste Manage</td>
<td>$24,958</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education Services</td>
<td>$24,909</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Services (except Public Administration)</td>
<td>$24,768</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture, Forestry, Fishing and Hunting</td>
<td>$21,816</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accommodation and Food Services</td>
<td>$17,672</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EMPLOYMENT GROWTH – RIVERSIDE COUNTY

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

- Construction
- Wholesale Trade
- Retail Trade
- Real Estate
- Education
- Information
- Health Care/ Social Assistance
- Finance/ Insurance
- Professional/ Scientific/ Technical
- Transportation/ Warehousing
- Other Services (except Public Admin)
- Accommodation/ Food
- Management of Companies and Enterprises
- Manufacturing
- Agriculture/ Forestry/ Fishing & Hunting
- Arts/ Entertainment/ Recreation
- Administrative & Support/ Waste Management & Remediation
- Utilities

Annual Average Earnings ($2010)

Employment Growth (%), 2000-2010

Prepared by USC PERE | July 2013 | 71
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
Coachella BHC Site, Riverside County

Neighborhood Index by Need Level by Census Tract

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

Data is mapped on 2000 Census tracts