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
RICHMOND
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.
Richmond BHC Site

Contra Costa County

California

% of Population

Other
American Indian or Alaska Native
African American or Black
Asian or Pacific Islander
Latino
White

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

Richmond BHC Site
- Non-foreign born: 65.5%
- Foreign born: 34.5%

Contra Costa County
- Non-foreign born: 76.9%
- Foreign born: 23.1%

California
- Non-foreign born: 73.2%
- Foreign born: 26.8%

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

Richmond BHC Site: 65.5% Non-foreign born, 26.7% foreign born - 7.8% Naturalized, 11.4% Non-citizen
Contra Costa County: 76.9% Non-foreign born, 11.4% foreign born - 11.8% Naturalized, 15.0% Non-citizen
California: 73.2% Non-foreign born, 11.8% foreign born - 11.8% Naturalized, 15.0% Non-citizen

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
Richmond BHC Site, Contra Costa County

Data is mapped on 2000 Census tracts

Prepared by USC PERE | July 2013 | 15
Percent Immigrant by Census Tract, 1990
Richmond BHC Site, Contra Costa 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
Richmond BHC Site, Contra Costa County

Data is mapped on 2000 Census tracts
Geography of Change
Percent Latino by Census Tract, 1980
Richmond BHC Site, Contra Costa County

Data is mapped on 2000 Census tracts
Percent Latino by Census Tract, 2000
Richmond BHC Site, Contra Costa County

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

Percent Asian/Pacific Islander by Census Tract, 1990
Richmond BHC Site, Contra Costa County

Data is mapped on 2000 Census tracts
Percent Asian/Pacific Islander by Census Tract, 2010
Richmond BHC Site, Contra Costa 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
Richmond BHC Site, Contra Costa County

Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 1990
Richmond BHC Site, Contra Costa County

Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 2000
Richmond BHC Site, Contra Costa County

Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts
Percent African American by Census Tract, 2010
Richmond BHC Site, Contra Costa 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, 1990
Richmond BHC Site, Contra Costa County

Data is mapped on 2000 Census tracts
Source: Census 2000, and US Census Bureau.
Data is mapped on 2000 Census tracts.
Percent Non-Hispanic White by Census Tract, 2010
Richmond BHC Site, Contra Costa County

Source: GeoLytics 2010 Summary File SF1, 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, Contra Costa County, 2005-09

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

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

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Greater than 64</th>
<th>18 to 64 years old</th>
<th>Less than 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>12%</td>
<td>72%</td>
<td>16%</td>
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<tr>
<td>Latino</td>
<td>3%</td>
<td>58%</td>
<td>39%</td>
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<tr>
<td>Asian/Pacific Islander</td>
<td>12%</td>
<td>63%</td>
<td>25%</td>
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<tr>
<td>Black</td>
<td>12%</td>
<td>59%</td>
<td>28%</td>
</tr>
<tr>
<td>White</td>
<td>16%</td>
<td>63%</td>
<td>20%</td>
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<tr>
<td>Latino</td>
<td>5%</td>
<td>60%</td>
<td>35%</td>
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<tr>
<td>Asian/Pacific Islander</td>
<td>10%</td>
<td>69%</td>
<td>21%</td>
</tr>
<tr>
<td>Black</td>
<td>9%</td>
<td>63%</td>
<td>29%</td>
</tr>
</tbody>
</table>

Richmond BHC Site
Contra Costa County

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

Richmond BHC Site
- Latino: 62.0%
- Asian or Pacific Islander: 29.2%
- African American or Black: 4.7%
- Other: 2.8%

Contra Costa County
- Latino: 40.9%
- Asian or Pacific Islander: 11.4%
- African American or Black: 10.3%
- Other: 6.3%

California
- Latino: 48.9%
- Asian or Pacific Islander: 10.5%
- African American or Black: 6.4%
- Other: 3.9%

* "Youth" includes everyone less than 18 years old
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

Richmond BHC Site
- < 5 yrs: 31.5%
- 6-11 yrs: 24.9%
- 12-17 yrs: 28.1%

Contra Costa County
- < 5 yrs: 12.0%
- 6-11 yrs: 11.1%
- 12-17 yrs: 10.6%

California
- < 5 yrs: 19.6%
- 6-11 yrs: 18.2%
- 12-17 yrs: 17.1%

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

- Richmond BHC Site
- Contra Costa County
- California

*Includes all persons living in households with household incomes below 150 percent of the FPL.
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

Richmond BHC Site
Contra Costa County
California

Educational Attainment by Race/Ethnicity
2005-2009

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

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Richmond BHC Site</th>
<th>Contra Costa County</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>89%</td>
<td>93%</td>
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<tr>
<td>Latino</td>
<td>10%</td>
<td>92%</td>
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<tr>
<td>Asian/Pacific Islander</td>
<td>19%</td>
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<td>Black</td>
<td>20%</td>
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<td>White</td>
<td>6%</td>
<td>6%</td>
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<tr>
<td>Latino</td>
<td>8%</td>
<td></td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>6%</td>
<td></td>
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<tr>
<td>Black</td>
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</tr>
</tbody>
</table>

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

Richmond BHC Site
Contra Costa County
California

2005-09
2005-09
2005-09

All Overcrowded
Owner Overcrowded
Renter Overcrowded

Source: PERE analysis of 2005-2009 ACS data
Health Equity Indicators
26% of adults are uninsured versus 17% in Contra Costa County & 22% in CA

52% of adults are insured by private coverage / employer versus 73%* in Contra Costa County & 61% in CA

3% of children are uninsured versus 1% in Contra Costa County & 5% in CA

* Denotes statistically significant difference from BHC site estimate.

Environmental Justice Indicators
Proximity to Hazards and Sensitive Land Uses Richmond BHC Site, Contra Costa County

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

- **1**
- **2**
- **3**
- **4**
- **5**
- **Missing data**

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
Contra Costa County & Richmond 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: 22%
- Med-Wage: 27%
- High-Wage: 41%
- Jobs: -3%
- Earnings per worker: 15%
### OCCUPATIONS AND INDUSTRIES – CONTRA COSTA COUNTY

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<tbody>
<tr>
<td>Mining</td>
<td>$108,846</td>
<td>High</td>
<td>22%</td>
<td>23%</td>
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<td>Utilities</td>
<td>$82,559</td>
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<td>Information</td>
<td>$70,007</td>
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<tr>
<td>Manufacturing</td>
<td>$62,028</td>
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<tr>
<td>Professional, Scientific, and Technical Services</td>
<td>$59,465</td>
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<tr>
<td>Management of Companies and Enterprises</td>
<td>$56,764</td>
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<tr>
<td>Wholesale Trade</td>
<td>$56,527</td>
<td>Medium</td>
<td>55%</td>
<td>51%</td>
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<td>Construction</td>
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<td>Finance and Insurance</td>
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<td>Transportation and Warehousing</td>
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<td>Health Care and Social Assistance</td>
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<td>Real Estate and Rental and Leasing</td>
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<td>Administrative and Support and Waste Manage</td>
<td>$32,035</td>
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<td>Retail Trade</td>
<td>$31,402</td>
<td>Low</td>
<td>22%</td>
<td>26%</td>
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<td>Education Services</td>
<td>$27,500</td>
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<td>Other Services (except Public Administration)</td>
<td>$27,254</td>
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<td>Agriculture, Forestry, Fishing and Hunting</td>
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<td>Arts, Entertainment, and Recreation</td>
<td>$19,215</td>
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<tr>
<td>Accommodation and Food Services</td>
<td>$15,291</td>
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</table>
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.