

# Community Vulnerability Index

## Overview

The Community Vulnerability Index (CVI) is an initiative of the County Manager's Office which aims to demonstrate the geographical distribution of the overall vulnerability of the residents of the county. The index utilizes data from the United States Census Bureau's American Community Survey, mapped at the census tract level, providing detailed information of communities of approximately 4,000 people. Utilizing census data also enables the County to see trends over time, with the current iteration of the index comprised of the years 2010-2014.

The following pages map the index as well as each indicator for the top ten most vulnerable tracts in the county. Darker colors on the map indicate higher vulnerability for each indicator.

## About the Index

The index is composed of seven indicators: health insurance coverage, education, supplemental security income, gross rent as a percentage of income, poverty, unemployment, and disability status. The indicators that have been standardized and combined to create dimension scores, on a scale from zero to 100, for each of the census tracts within San Mateo County.

Link to online map: <http://arcg.is/2f2yElb>

## About Each Indicator

### Health Insurance Coverage

This indicator provides the percentage of the population in a census tract who do not have health insurance coverage. The Census Bureau broadly classifies health insurance coverage as private health insurance or public coverage and defines coverage to include plans and programs that provide comprehensive health coverage. Plans that provide insurance for specific conditions or situations such as cancer and long-term care policies are not considered coverage. Likewise, other types of insurance like dental, vision, life, and disability insurance are not considered health insurance coverage.

Link to online map: <http://arcg.is/2f2xSef>

### Educational Attainment

This indicator provides the percentage of the population in a census tract who have a high school diploma or greater. Unlike the other six indicators, a lower value (less people with a high school diploma or greater) indicates greater vulnerability. As defined by the Census Bureau, this category includes people whose highest degree was a high school diploma or its equivalent, people who attended college but did not receive a degree, and people who received an associate's, bachelor's, master's, or professional or doctorate degree. People who reported completing the 12th grade but not receiving a diploma are not included

Link to online map: <http://arcg.is/2f2sLL8>

### Supplemental Security Income

This indicator provides the percentage of the population who receive Supplemental Security Income benefits. Supplemental Security Income (SSI) is a nationwide U.S. assistance program administered by the Social Security Administration that guarantees a minimum level of income for needy aged, blind, or disabled individuals

Link to online map: <http://arcg.is/2f2qLCA>

### Gross Rent as a Percentage of Household Income

This indicator provides the percentage of the population in a census tract who spend more than 35% of their household income on gross rent. Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water and sewer) and fuels (oil, coal, kerosene, wood, etc.) Gross rent as a percentage of household income is a computed ratio of monthly gross rent to monthly household income.

Link to online map: <http://arcg.is/2f2qsYK>

### Poverty

This indicator provides the percentage of the population of families and individuals in a census tract that are below the poverty level. To determine a person's poverty status, one compares the person's total family income in the last 12 months with the poverty threshold appropriate for that person's family size and composition. If the total income of that person's family is less than the threshold appropriate for that family, then the person is considered "below the poverty level," together with every member of his or her family. The total number of people below the poverty level is the sum of people in families and the number of unrelated individuals with incomes in the last 12 months below the poverty threshold.

Poverty status was determined for all people except institutionalized people, people in military group quarters, people in college dormitories, and unrelated individuals under 15 years old. These groups were excluded from the numerator and denominator when calculating poverty rates.

Link to online map: <http://arcg.is/2f2muPM>

### Unemployment

This indicator provides the percentage of the population in a census tract who are unemployed. All civilians 16 years old and over are classified as unemployed if they (1) were neither "at work" nor "with a job but not at work" during the reference week, and (2) were actively looking for work during the last 4 weeks, and (3) were available to start a job. Also included as unemployed are civilians who did not work at all during the reference week, were waiting to be called back to a job from which they had been laid off, and were available for work except for temporary illness.

Link to online map: <http://arcg.is/2f2sic8>

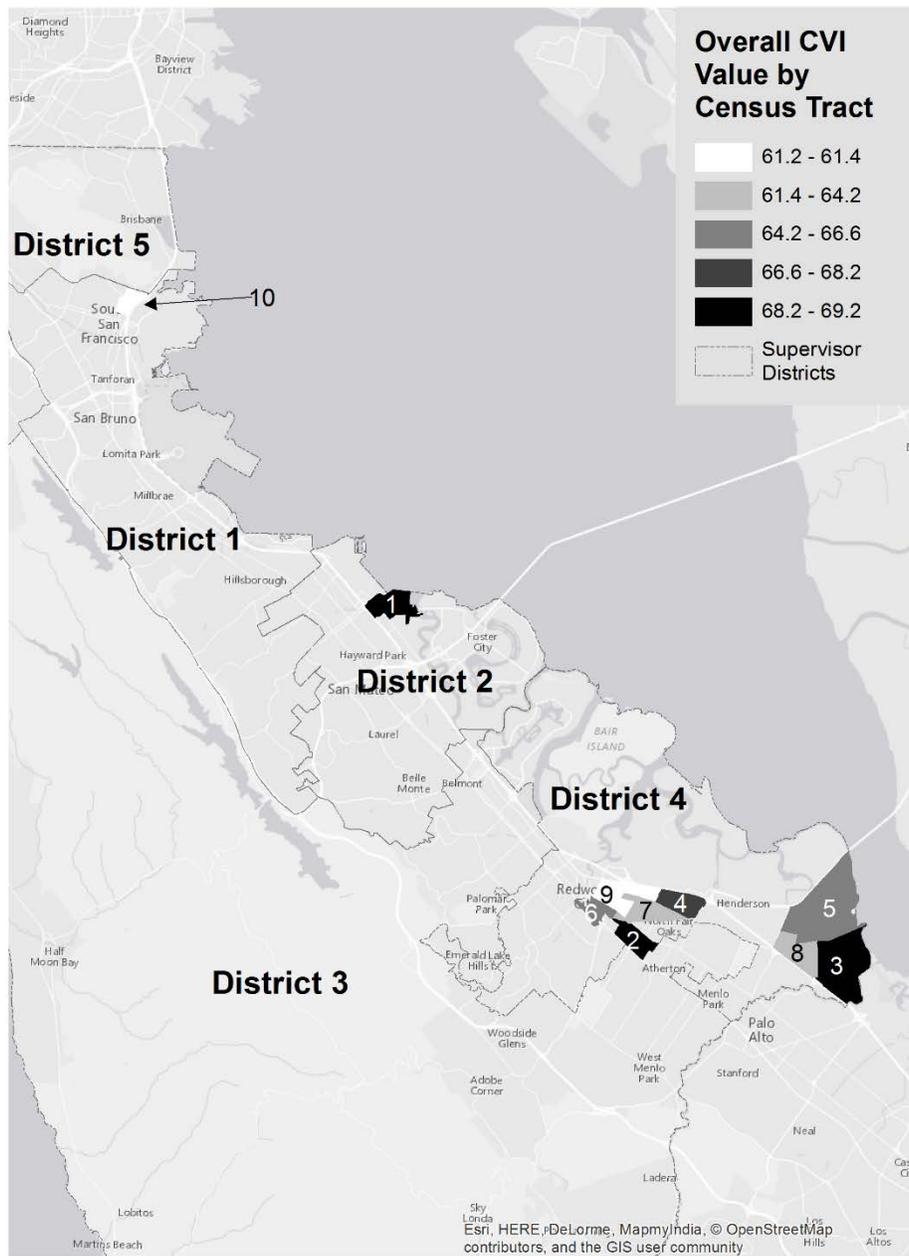
### Disability Status

This indicator gives the percentage of the non-institutionalized population in a census tract who have a disability. In an attempt to capture a variety of characteristics that encompass the definition of disability, the Census Bureau identifies serious difficulty with four basic areas of functioning – hearing, vision, cognition, and ambulation.

Link to online map: <http://arcg.is/2f2rsvK>

# Community Vulnerability Index

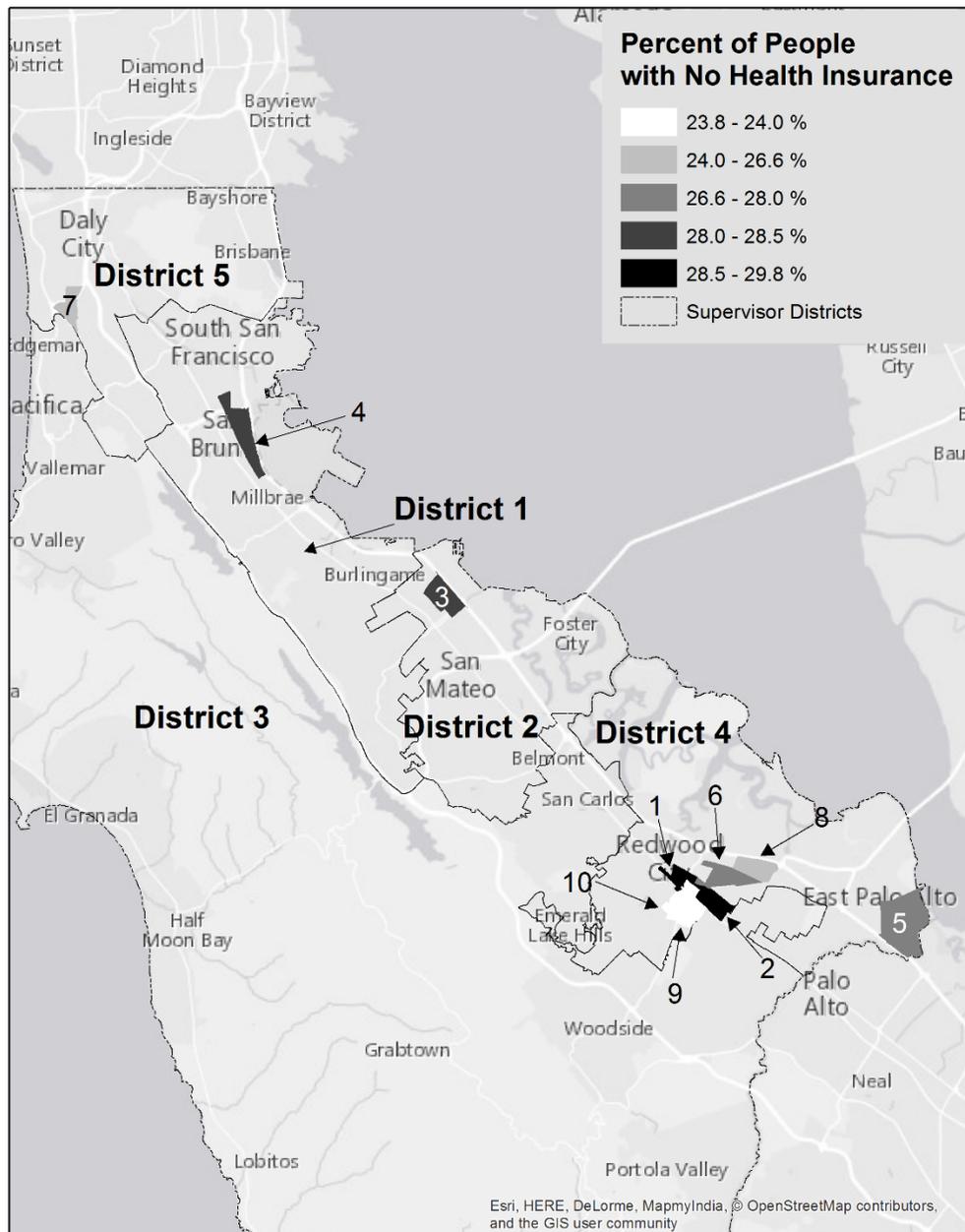
## Top 10 Most Vulnerable 2014 Estimates



Census Tract	Board District	City	Value
1	District 2	San Mateo	69.2
2	District 4	North Fair Oaks	69.1
3	District 4	East Palo Alto	69.1
4	District 4	Redwood City	68.2
5	District 4	East Palo Alto	66.6
6	District 4	Redwood City	64.3
7	District 4	North Fair Oaks	64.2
8	District 4	East Palo Alto	62.7
9	District 4	North Fair Oaks	61.4
10	District 1	South San Francisco	61.2

# Health Insurance Coverage

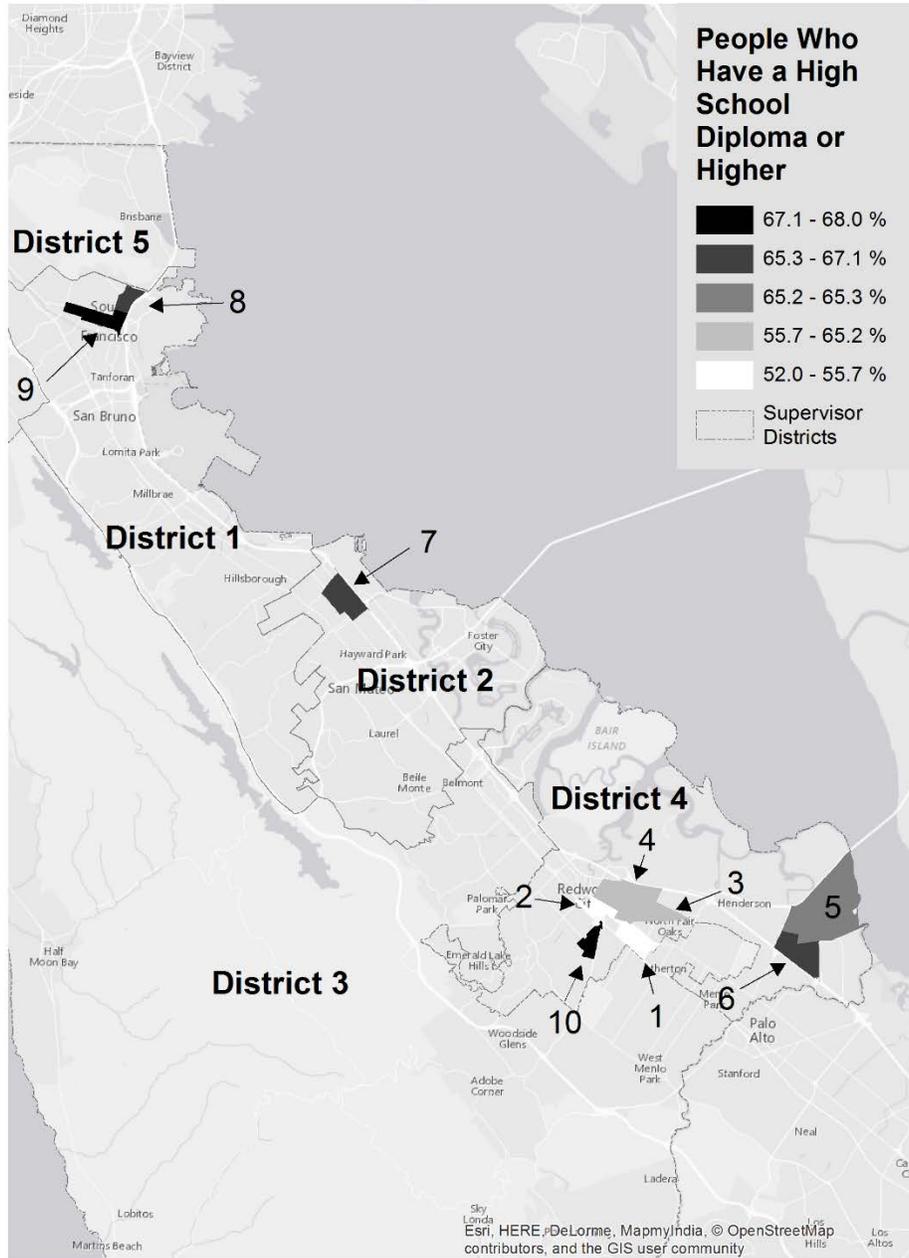
## Top 10 Health Insurance 2014 Estimates



Census Tract	Board District	City	Value
1	District 4	Redwood City	29.8
2	District 4	North Fair Oaks	29.2
3	District 2	San Mateo	28.5
4	District 1	San Bruno	28.1
5	District 4	East Palo Alto	28.0
6	District 4	North Fair Oaks	27.8
7	District 5	Daly City	26.6
8	District 4	Redwood City	24.2
9	District 4	Redwood City	24.0
10	District 4	Redwood City	23.8

# Educational Attainment

## Top 10 Percent of People Who Have a High School Diploma or Higher 2014 Estimate



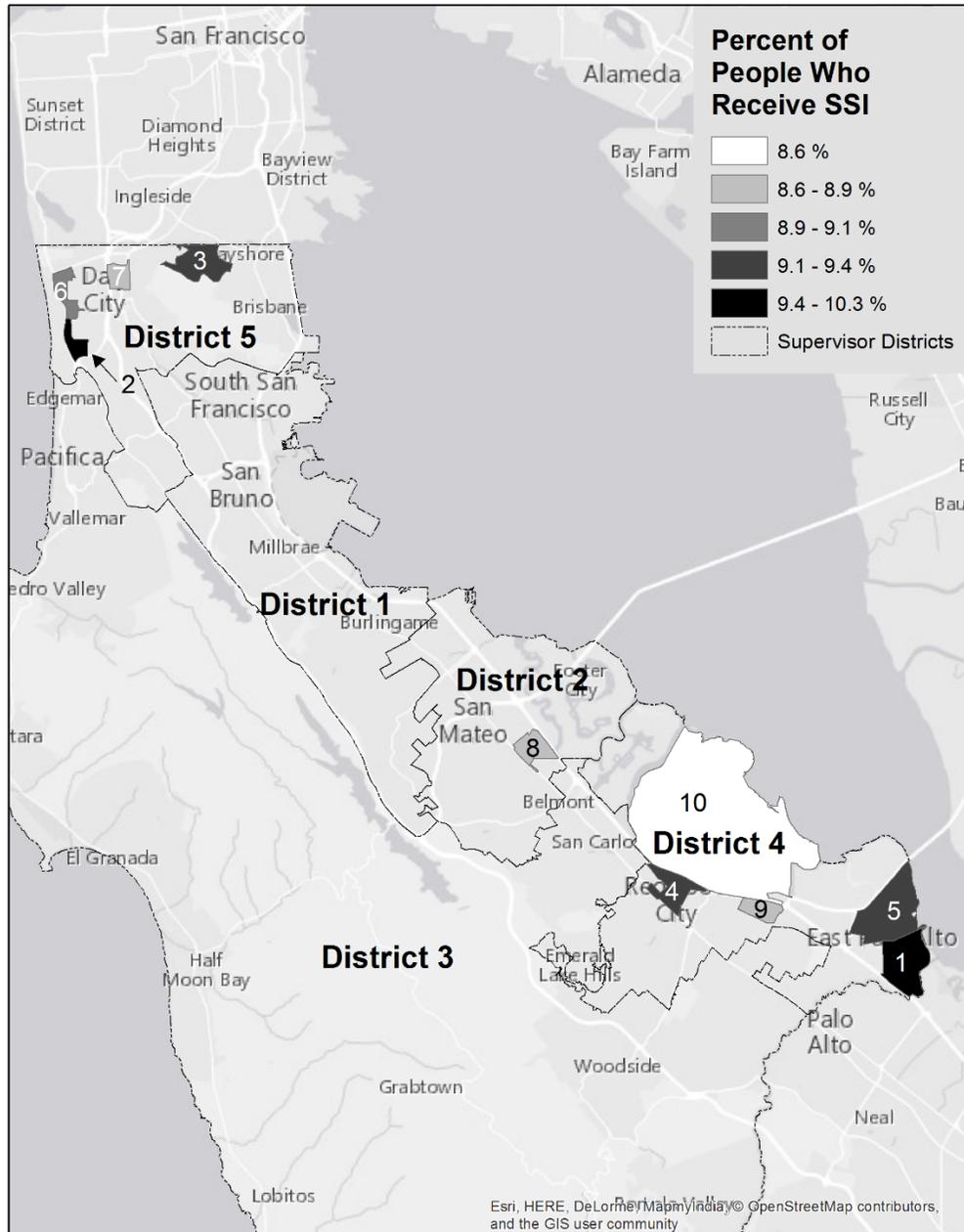
Map by Alison Holt and John Ridener 11/21/16

Census Tract	Board District	City	Value (%)
1	District 4	North Fair Oaks	52.0
2	District 4	Redwood City	55.7
3	District 4	North Fair Oaks	57.0
4	District 4	Redwood City	65.2
5	District 4	East Palo Alto	65.3
6	District 4	East Palo Alto	66.7
7	District 2	San Mateo	66.7
8	District 1	South San Francisco	67.1
9	District 1	South San Francisco	67.5
10	District 4	Redwood City	68.0

\*Source: American Community Survey, 5-year estimates: 2010-2014

# Supplemental Security Income

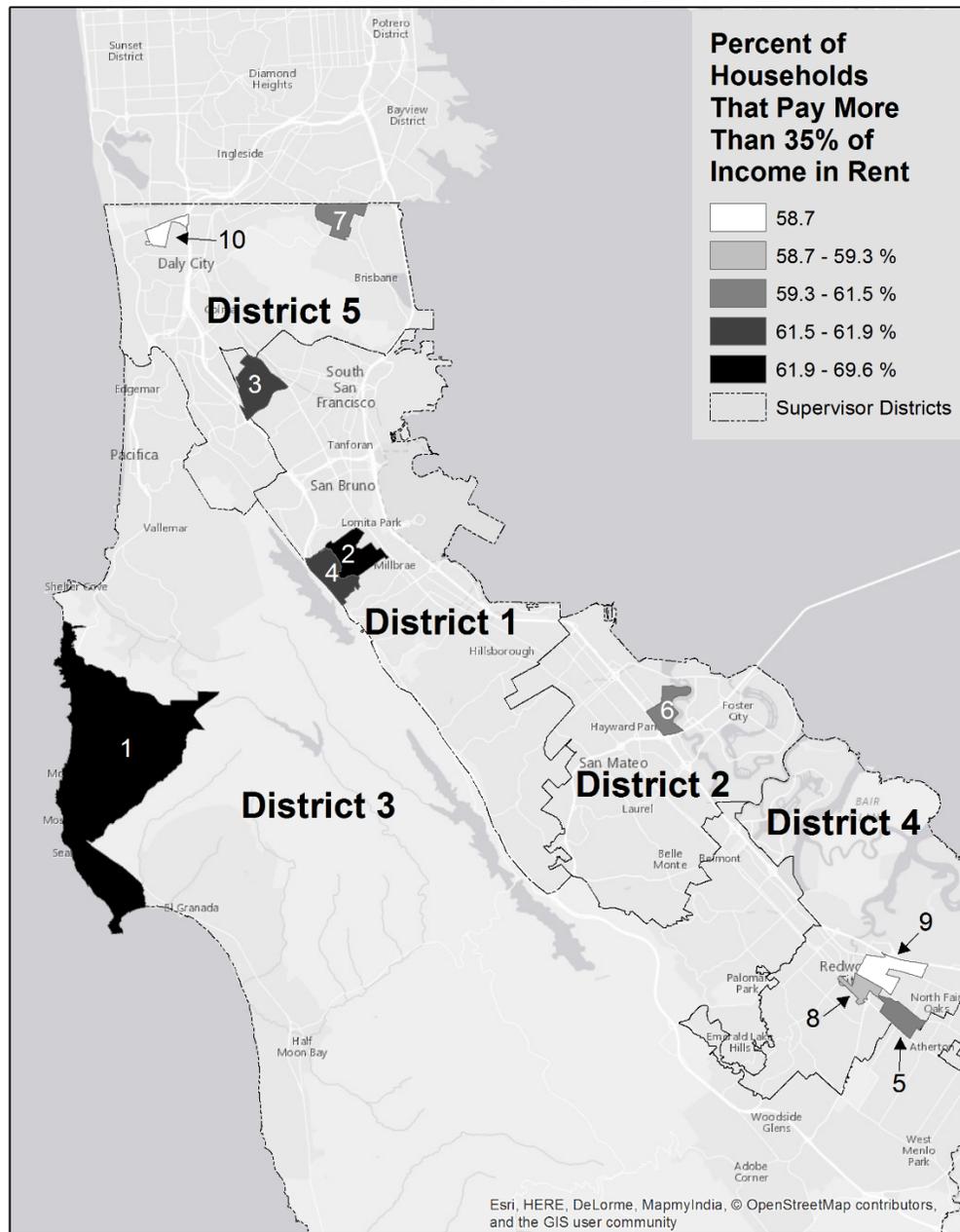
## Top 10 Percent of People Who Receive SSI 2014 Estimate



Census Tract	Board District	City	Value (%)
1	District 4	East Palo Alto	10.3
2	District 5	Daly City	9.7
3	District 5	Daly City	9.4
4	District 4	Redwood City	9.2
5	District 4	East Palo Alto	9.2
6	District 5	Daly City	9.1
7	District 5	Daly City	8.9
8	District 2	San Mateo	8.7
9	District 4	North Fair Oaks	8.7
10	District 4	Redwood City	8.6

# Gross Rent as a Percentage of Household Income

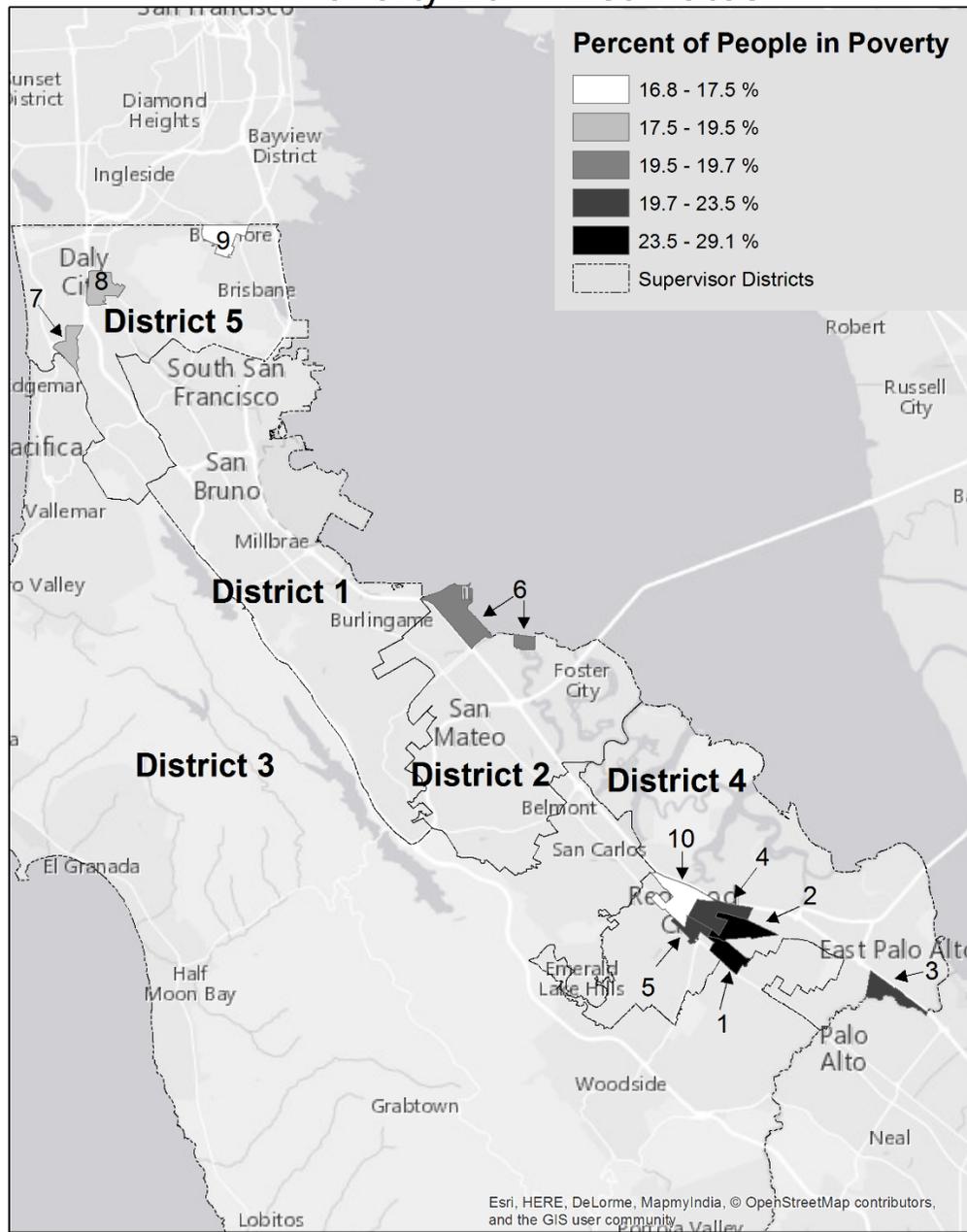
## Top 10 Percent of Households That Pay More Than 35% of Income in Rent 2014 Estimate



Census Tract	Board District	City	Value (%)
1	District 3	Unincorporated Coastside	69.6
2	District 1	Millbrae	65.8
3	District 1	South San Francisco	61.9
4	District 1	Millbrae	61.8
5	District 4	North Fair Oaks	61.5
6	District 2	San Mateo	60.9
7	District 5	Daly City	60.9
8	District 4	Redwood City	59.3
9	District 4	Redwood City	58.7
10	District 5	Daly City	58.7

# Poverty

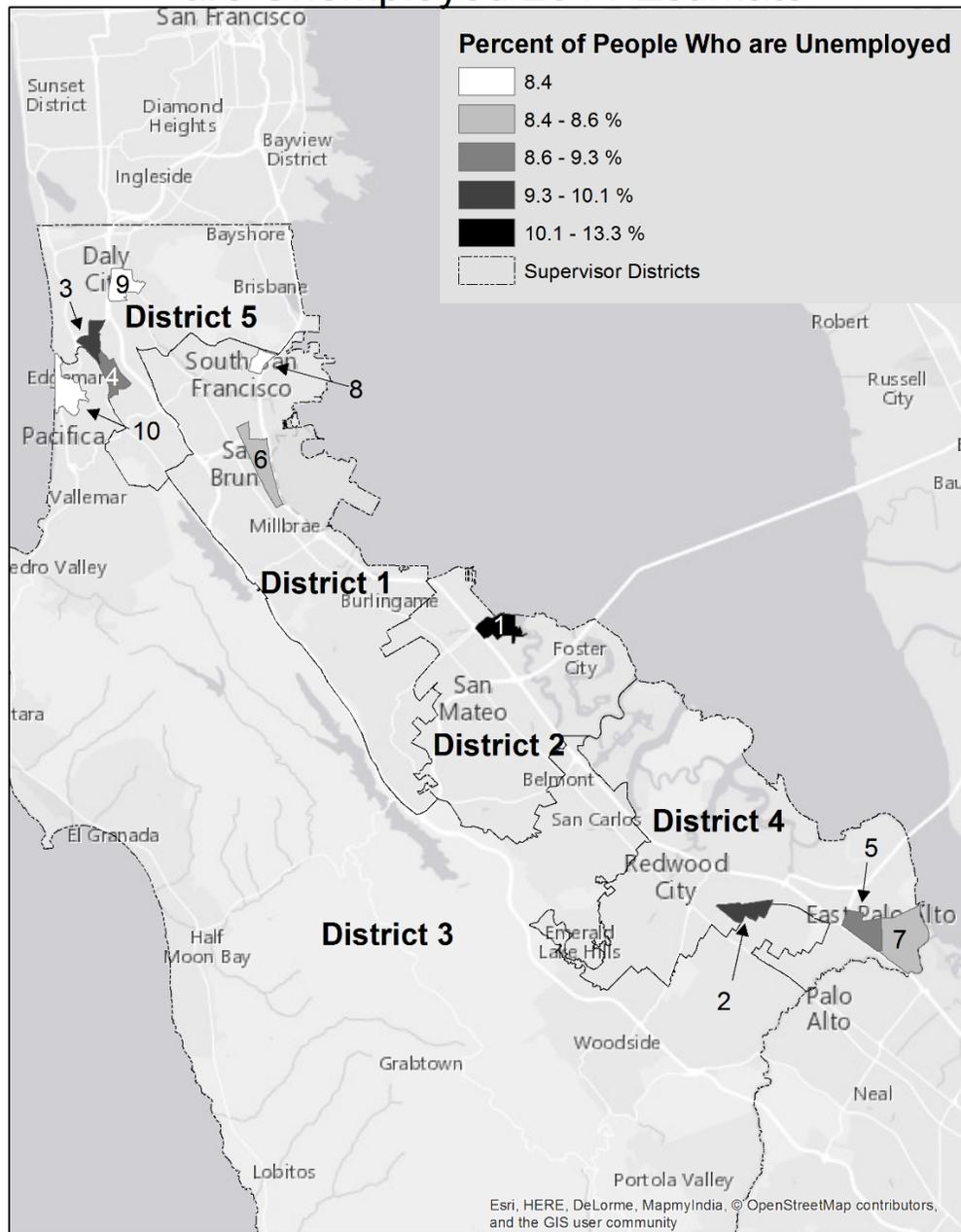
## Top 10 Percent of People in Poverty 2014 Estimates



Census Tract	Board District	City	Value (%)
1	District 4	North Fair Oaks	29.1
2	District 4	North Fair Oaks	27.3
3	District 4	East Palo Alto	23.5
4	District 4	Redwood City	21.8
5	District 4	Redwood City	21.8
6	District 2	San Mateo	19.7
7	District 5	Daly City	19.5
8	District 5	Daly City	18.4
9	District 5	Daly City	17.5
10	District 4	Redwood City	16.8

# Unemployment

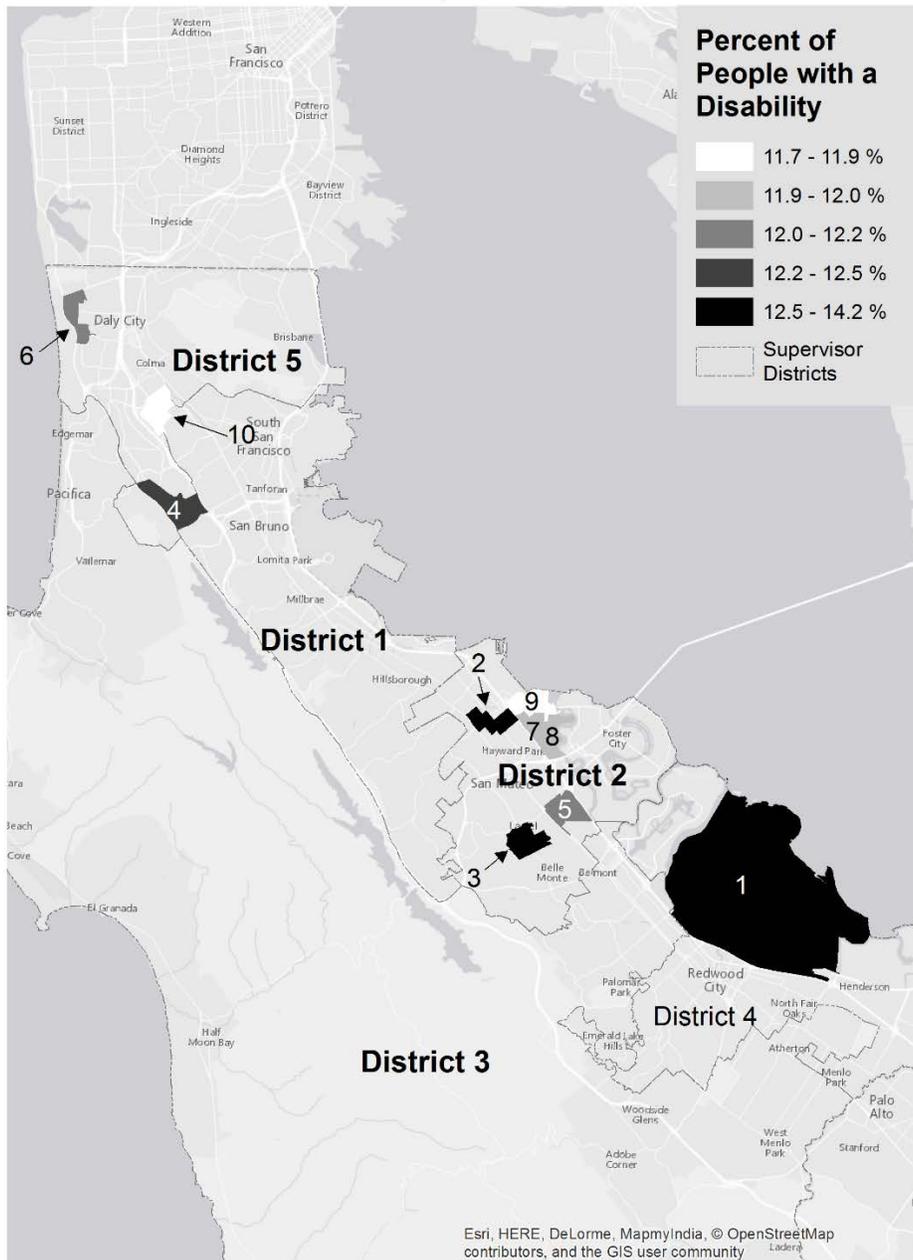
## Top 10 Percent of People Who are Unemployed 2014 Estimate



Census Tract	Board District	City	Value (%)
1	District 2	San Mateo	13.3
2	District 4	North Fair Oaks	10.1
3	District 5	Daly City	10.0
4	District 5	Daly City	9.3
5	District 4	East Palo Alto	9.2
6	District 1	San Bruno	8.6
7	District 4	East Palo Alto	8.5
8	District 1	South San Francisco	8.4
9	District 5	Daly City	8.4
10	District 3	Pacifica	8.4

# Disability Status

## Top 10 Percent of People with a Disability 2014 Estimates



Census Tract	Board District	City	Value (%)
1	District 4	Redwood City	14.2
2	District 2	San Mateo	12.8
3	District 2	San Mateo	12.8
4	District 5	San Bruno	12.5
5	District 2	San Mateo	12.2
6	District 5	Daly City	12.1
7	District 2	San Mateo	12.0
8	District 2	San Mateo	12.0
9	District 2	San Mateo	11.9
10	District 5	South San Francisco	11.7

\*Source: American Community Survey, 5-year estimates: 2010-2014