

Bay Area Equity Atlas

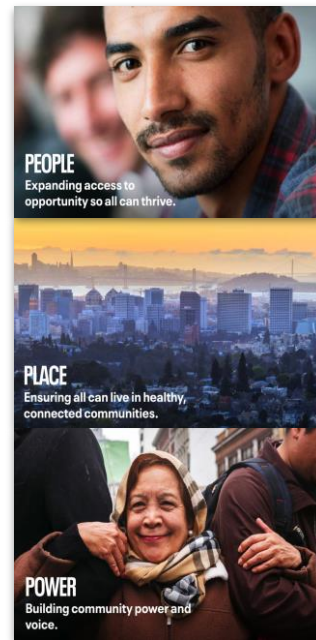
Assessing Residents' Vulnerability: A Sample of Data Snapshots

Contra Costa County Board of Supervisors
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About the Bay Area Equity Atlas

- Launched in 2019
- Produced by the San Francisco Foundation, PolicyLink, and the USC Equity Research Institute (ERI), with additional support from the Chan Zuckerberg Initiative
- Tracks the state of equity across the nine-county region
 - Actionable, disaggregated data
 - 25 equity metrics & 272 geographies
 - Supports community nonprofits, public agencies, philanthropic organizations, media outlets, and researchers
- Visit us at bayareaequityatlas.org



Data and Understanding Vulnerability

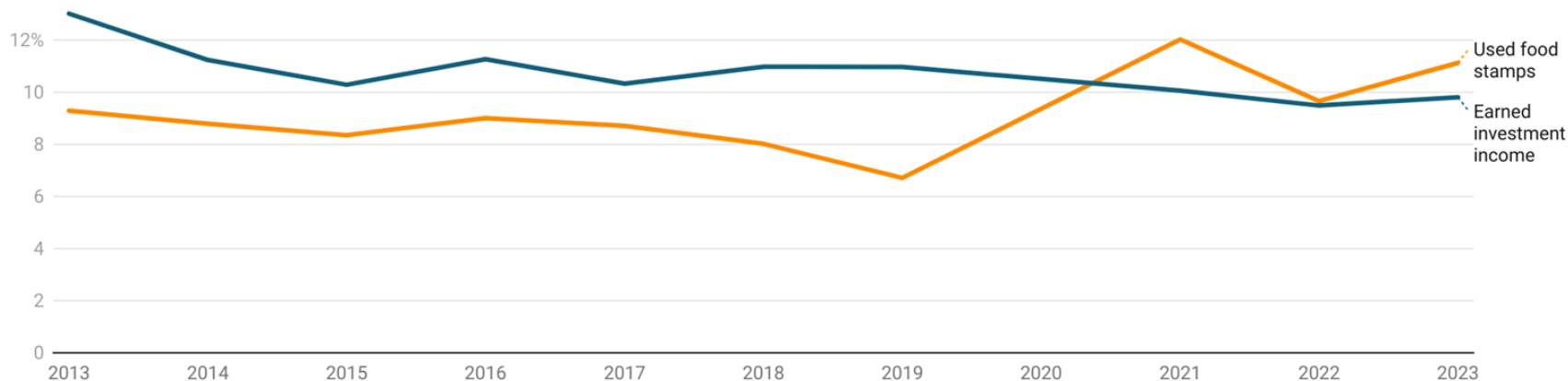
- **Disaggregation**: Breaking down the population (by geography, age, race, etc.) to show how **particular residents & groups are disproportionately impacted** by particular social/economic issues
- **Interconnection**: Demonstrating/projecting how harm to particular populations can end up harming **all community members**

This presentation is just a sample of relevant data, not a comprehensive analysis.

Prosperity and Precarity

Since the onset of Covid-19, there are more working-age adults in Contra Costa County who use food stamps than those who earn passive income from investments.

Share of Contra Costa County residents (ages 18 to 64) whose household have used food stamps in the past 12 months, and who have earned income from interest, dividends, or rent in the past 12 months, 2013-2023



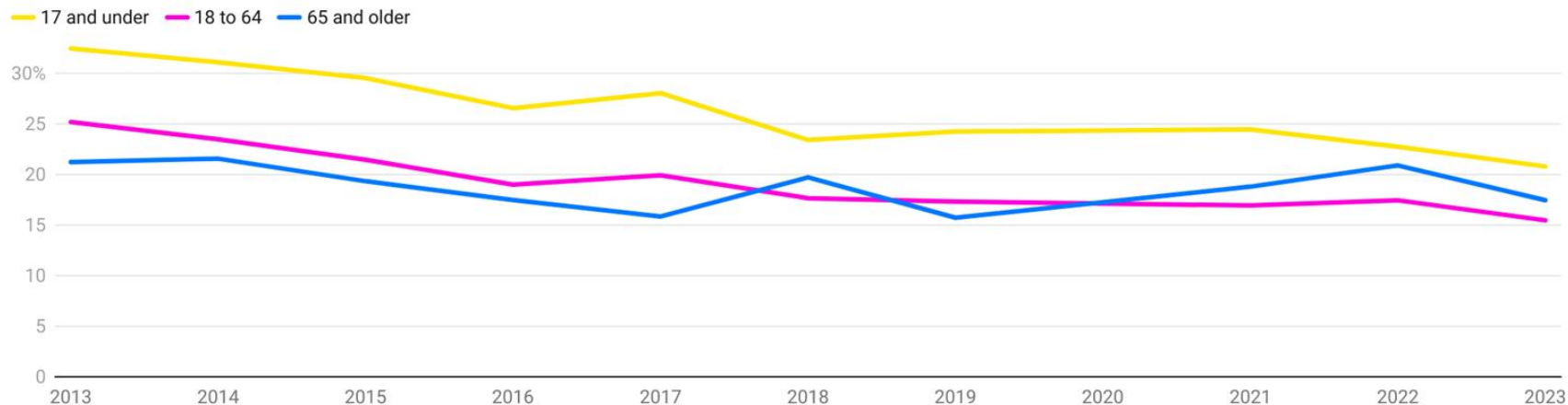
There is no data for 2020 due to surveying issues from the Covid-19 pandemic.

Source: Bay Area Equity Atlas analysis of American Community Survey 1-year estimates microdata from IPUMS USA. • Created with Datawrapper

Focusing on Families, Children, and Older Adults

Children and older adults in Contra Costa County are more likely to live in low-income households than working-age adults.

Share of Contra Costa County residents living in a household with an income less than 200 percent of federal poverty standards, by age, 2013-2023



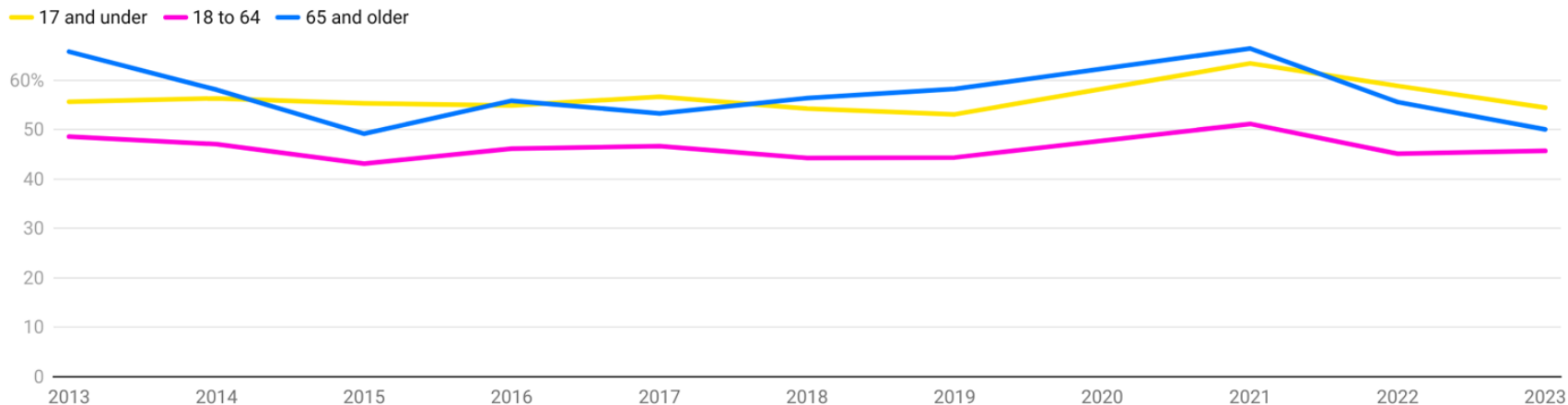
There is no data for 2020 due to surveying issues from the Covid-19 pandemic.

Source: Bay Area Equity Atlas analysis of American Community Survey 1-year estimates microdata from IPUMS USA. • Created with Datawrapper

Focusing on Families, Children, and Older Adults

The majority of children and older adults in Contra Costa County who live in rental households are rent burdened.

Share of Contra Costa County renters whose household spends more than 30 percent of income on rent, by age, 2013-2023



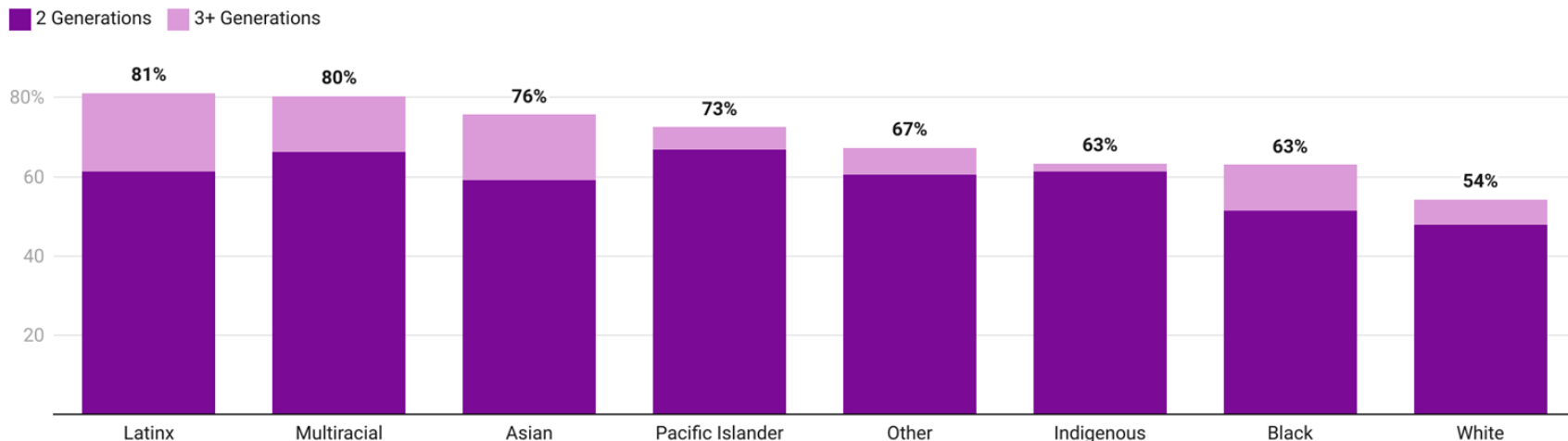
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Focusing on Families, Children, and Older Adults

County residents of color are more likely to live in family households with two or more generations under the same roof.

Percent of Contra Costa County residents living in multigenerational households, by race/ethnicity and number of family generations in the home, 2023

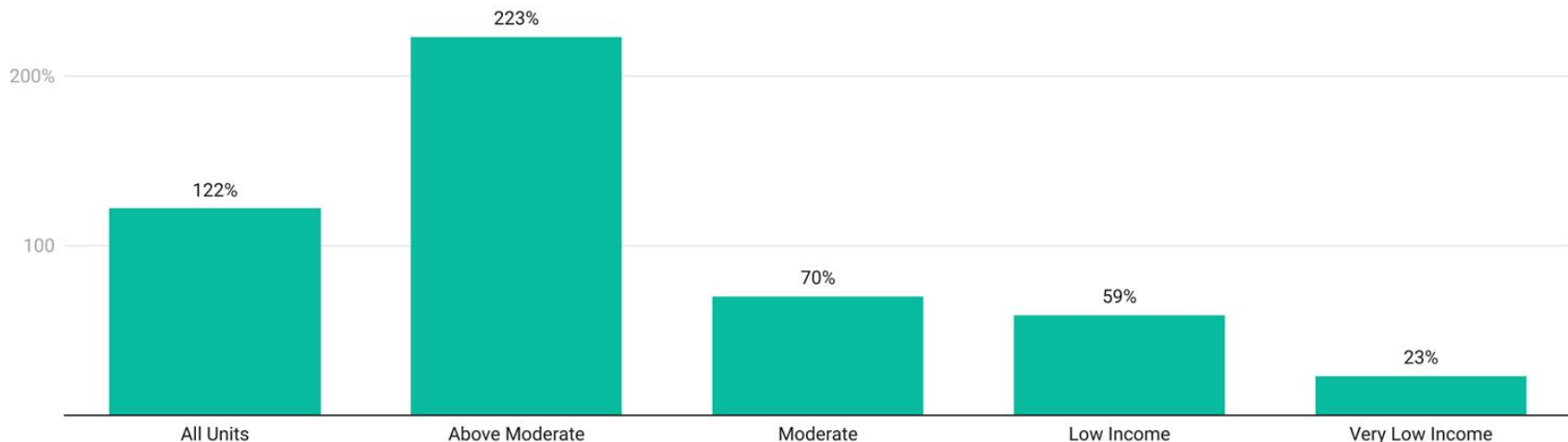


Source: Bay Area Equity Atlas analysis of American Community Survey 1-year estimates microdata from IPUMS USA. • Created with Datawrapper

Affordable Housing Crisis

Between 2015 and 2023, Contra Costa County underproduced affordable housing relative to assessed needs, and permitted over twice as many market-rate units as needed.

Number of housing units permitted in Contra Costa County as a percentage of needs from the Regional Housing Needs Assessment, 2015-2013



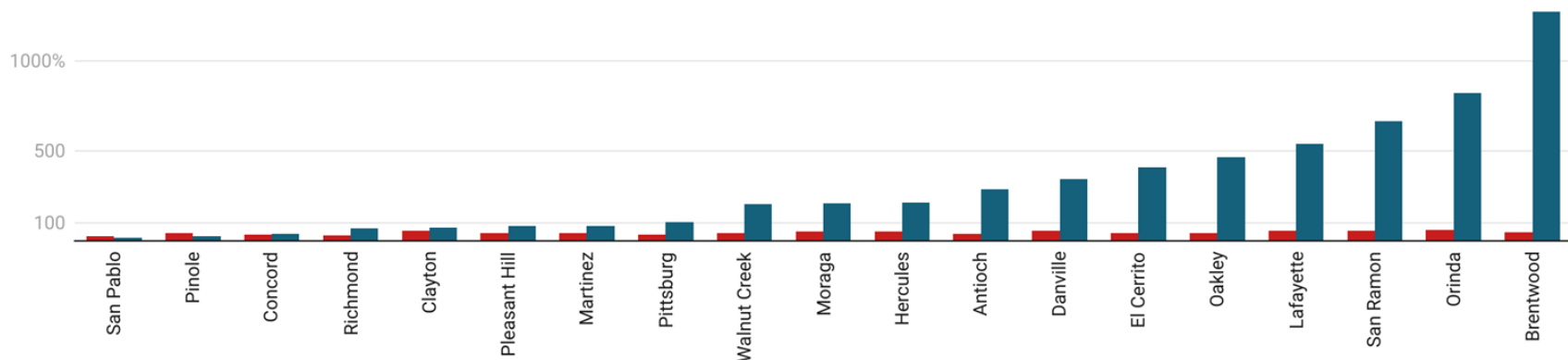
Source: Association of Bay Area Governments (ABAG), Regional Housing Needs Allocation Progress Report • Created with Datawrapper

Affordable Housing Crisis

Between 2015 and 2023, all 19 cities in Contra Costa County underproduced subsidized housing relative to need, and 12 cities overproduced market-rate housing.

Number of permitted housing units as a percentage of assessed needs, by income level and city, 2015-2023

Very Low Income / Low Income Market Rate

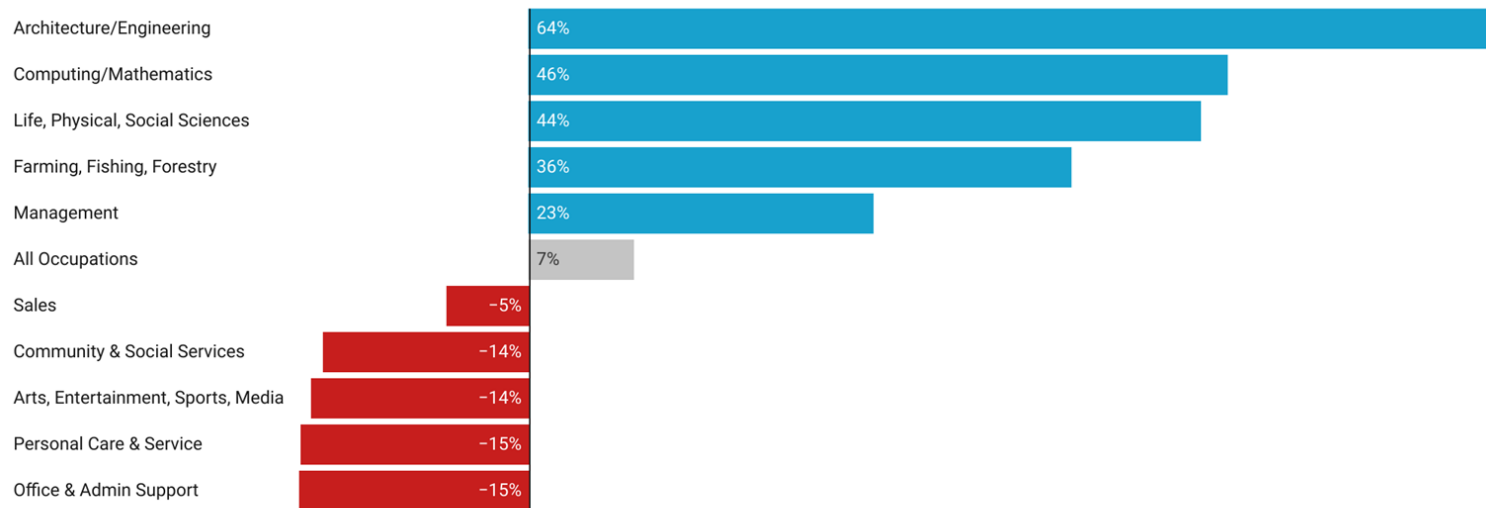


Source: Association of Bay Area Governments (ABAG), Regional Housing Needs Allocation Progress Report • Created with Datawrapper

Which Workers Live in the County?

Between 2015 and 2023, Contra Costa County saw large increases in STEM and business management workers who live in the county, and decreases in clerical and service sector workers.

Occupational fields with the largest changes in the number of employed workers who live in Contra Costa County, 2015-2023

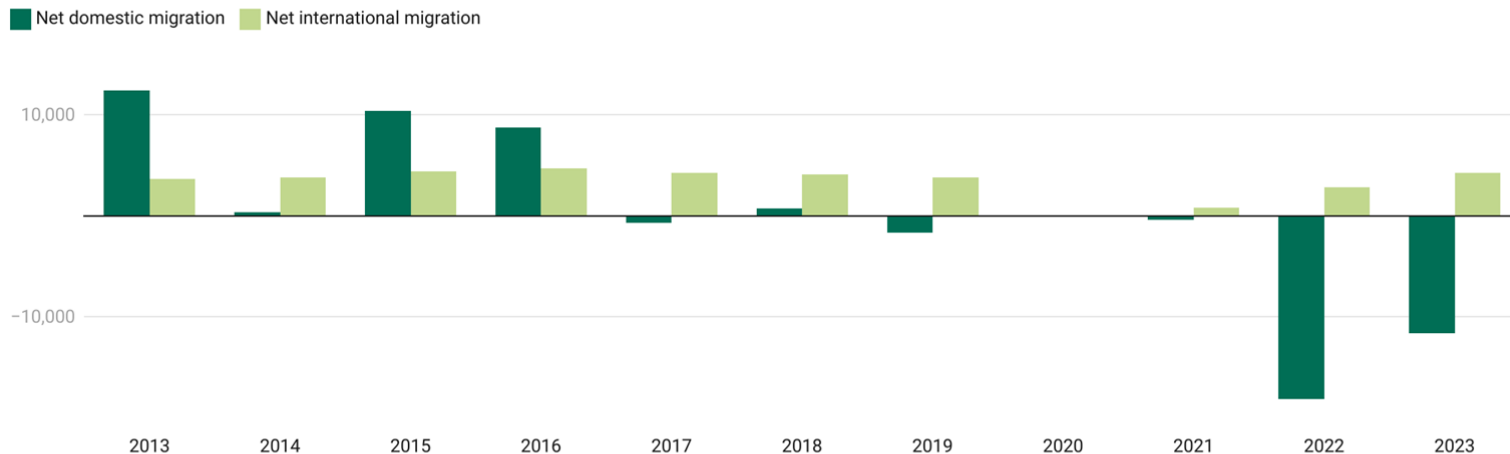


Source: Bay Area Equity Atlas analysis of American Community Survey 1-year estimates microdata from IPUMS USA. • Created with Datawrapper

Outmigration and Displacement

Every year since 2019, Contra Costa County has lost more residents moving to other parts of the US than it has received from other parts of the US.

Net yearly gain in Contra Costa County residents from migration to and from other parts of the US, and to and from other countries, 2013-2023



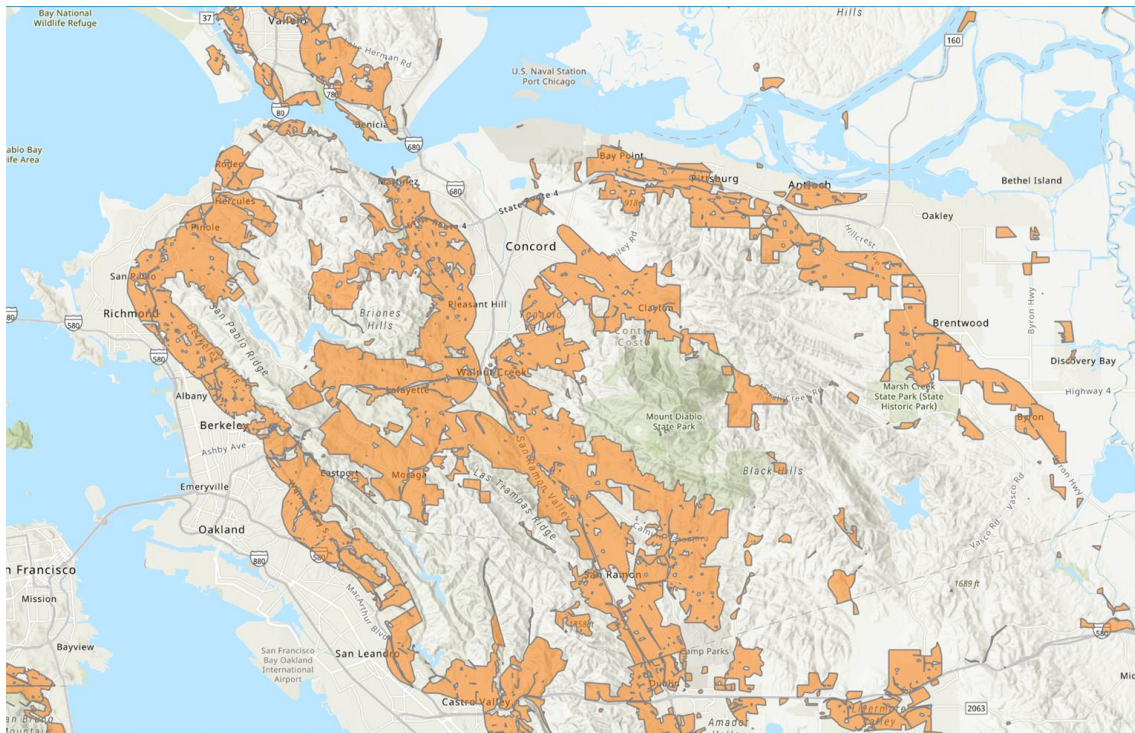
Data for 2020 is unavailable due to surveying issues from the Covid-19 pandemic.

Source: Bay Area Equity Atlas analysis of American Community Survey 1-year estimates microdata from IPUMS USA, and population estimates from the California Department of Finance. • Created with Datawrapper

Vulnerability & Interconnection: Undocumented Residents

- Roughly one-quarter of county residents are immigrants, and an estimated **1 in 20 residents is undocumented**.
- **1 in 7 children** in the county has at least 1 undocumented parent
- Undocumented workers in the county:
 - Make up an estimated 7% of the local workforce, including **28% of agricultural workers & 19% of construction workers**
 - Paid an estimated **\$349 million** in federal, state, and local taxes in 2021
- *Mass deportation can harm entire communities and industries*

Vulnerability & Interconnection: Fire Risk



Much of the county's housing and economic development lies within the **Wildland-Urban Interface (WUI)**, in orange).

Multiple fault lines also run through these areas.

Growth in WUI areas can also make communities more vulnerable to climate change or natural disasters.

Source: ArcGIS map (2019) produced with data from Spatial Analysis For Conservation and Sustainability (SILVIS) Lab at the University of Wisconsin-Madison

Data Practices & Inclusive Governance

- Understanding communities requires data from multiple angles: entire populations, specific communities and neighborhoods
- Integrating population- and market-level data with:
 - **Program-level data for county agencies**
 - Results-based planning & performance measures
 - Track impact & lift up effective practices
 - **Community engagement & qualitative data**
 - Pursue alignment between resident needs & county priorities
 - Less about scientific samples than commitment to engaging residents

Attributions

The Bay Area Equity Atlas uses IPUMS USA to source and analyze microdata from the American Community Survey:

Steven Ruggles, Sarah Flood, Matthew Sobek, Daniel Backman, Annie Chen, Grace Cooper, Stephanie Richards, Renae Rodgers, and Megan Schouweiler. IPUMS USA: Version 15.0 [dataset]. Minneapolis, MN: IPUMS, 2024. <https://doi.org/10.18128/D010.V15.0>

Bay Area Equity Atlas

<http://bayareaequityatlas.org>

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