



Technical Assistance
for Local Planning
HOUSING



Using Data Effectively in Housing Element Updates

ABAG's Housing Needs Data
Packets and Accessing the US
Census

Housing Element Webinar Series

March 23, 2021

Agenda

1. Welcome & Introductions
2. Using Data to Tell the Story of a Community's Housing Needs
3. *Presented by Sohab Mehmood, HCD*
4. ABAG's Housing Needs Data Packets for Local Jurisdictions
Presented by Eli Kaplan, ABAG/MTC
5. County Breakout Room Activity
6. Next Steps for the Housing Element
7. A Tutorial on Using the Census Bureau Website to Download Data
Presented by Aksel Olsen, ABAG/MTC

Regional Housing TA: Upcoming Resources

March 2021

- Housing Needs Data Packets
- HESS Tool 1.0

April 2021

- County Collaboratives Launch
- Initial Cohorts & Workgroups Launch
- Public Engagement Toolkit

May 2021

- Regional Planning Bench
- Local Grant Awards

Summer 2021

- AFFH Policy Overview
- HESS Tool 2.0 Modules

Using Data to Tell the Story of a Community's Housing Needs

Presented by Sohab Mehmood, HCD



Technical Assistance
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Association of Bay Area Governments



Using Data to Tell the Story of a Community's Housing Needs

Housing Needs Section

HCD



Public Outreach

**Housing
Needs**

**Available
Land and
Financial
Resources**



**Development
Barriers**

Evaluate Effectiveness of Past Programs

Develop Programs w/ Quantified Objectives (“Action Plan”)

- Upgrade housing stock
- Consider housing opportunities for special needs groups (seniors, disabled, homeless)
- Address displacement and loss of affordable housing
- Ensure fair housing
- Rezone land to accommodate RHNA
- Provide financial/regulatory incentives for housing development
- Zone for multifamily, farmworker, ADU, etc
- Reduce parking requirements
- Reduce impact fees
- Streamline application review process

Housing Needs Section

- Government Code Section 65583(a)
- Data (Package)  Analysis/Discussion  Programs
- Don't forget to look at the completeness checklist
 - [Housing Element Completeness Checklist \(ca.gov\)](#)
- Building Blocks – sample analysis
 - [HCD Building Blocks \(ca.gov\)](#)

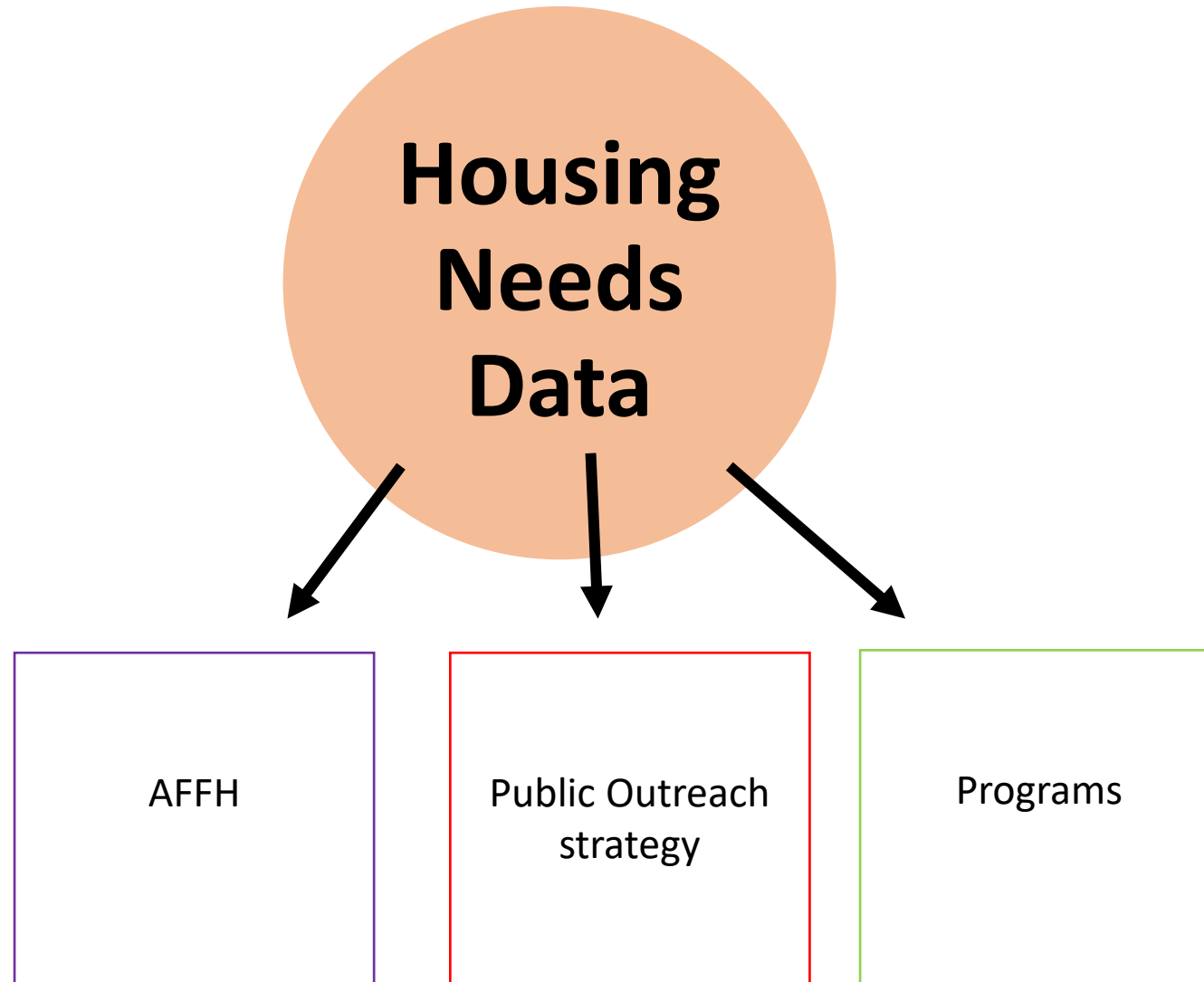
Categories of housing needs

- Population and Employment Trends
 - Growth, wages, industries
- Household Characteristics
 - Overpayment, ELI and LI households
- Housing Stock Characteristics
 - Overcrowding, housing conditions (rehab, replacement, substandard), vacancy rates, costs
- Special Housing Needs Analysis
 - People with disabilities including developmental, seniors, large households, farmworkers, female headed housing households, homelessness, other





What's next?



ABAG's Housing Needs Data Packets for Local Jurisdictions

Presented by Eli Kaplan, ABAG/MTC



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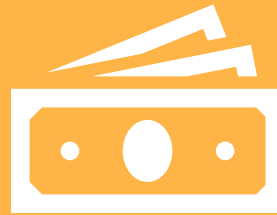
Association of Bay Area Governments

Value-Add of Regional Housing Technical Assistance Program

Establish Safe Harbors



Achieve Cost Savings



Standardize Data
Regionally



Create Common
Products Once



Peer-to-Peer
Collaboration



Key Product Features



Pre-reviewed by HCD for consistency with state requirements ★



Editable Word Document and Excel Workbook that can be tailored by each jurisdiction as they see fit



Streamlined data collection to allow jurisdictions to focus on developing meaningful policies & programs



There are four additional data points local jurisdictions will need to provide, which are covered on the next slide.

Four Data Points You Need to Add to the Housing Needs Section

*Note: More information
on these additional data
points can be found in
the Housing Needs Data
Packet*

1. Local data on homelessness
 - a. Housing Needs Data Packet has county-level data from HUD, but additional data for jurisdictions is needed.
2. Affordable properties at risk of conversion
 - a. Housing Needs Data Packet has total number of units, not specific properties. This data is available from California Housing Partnership.
3. Local data on substandard housing and rehab needs
 - a. Housing Needs Data Packet has some relevant census data, but local data from code enforcement or other sources is also needed.
4. Projected ELI Households
 - a. Housing Needs Data Packet contains guidance for calculating, but you will need your jurisdiction's final RHNA number to do the calculation.

HCD Data Categories

Projected Housing Needs

- Regional Housing Needs Allocation
- Extremely Low-Income Housing Needs

Population, Employment, & Household Characteristics

Housing Stock Characteristics

- Overpayment and Overcrowding
- Assisted Housing Developments at Risk of Conversion

Special Housing Needs

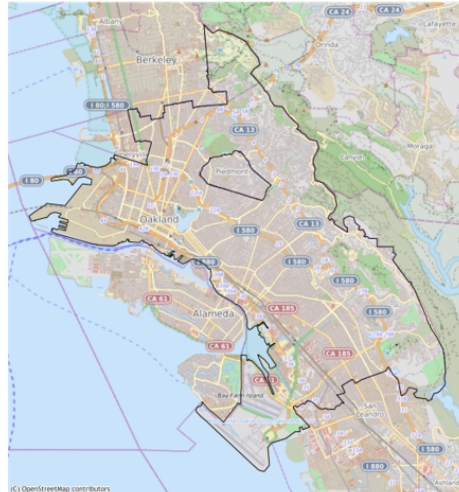
- People Experiencing Homelessness
- People with Disabilities, Including Developmental Disabilities
- Large Families and Female-Headed Households
- Seniors
- Farmworkers

Affirmatively Furthering Fair Housing*

HOUSING NEEDS DATA PACKAGE: OAKLAND

ABAG/MTC Staff and Baird + Driskell Community Planning

2021-02-17



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Figures with Automated Text Explanations

5 HOUSING STOCK CHARACTERISTICS

5.1 Housing Types, Year Built, Vacancy, and Permits

In recent years, most housing produced in the region and across the state consisted of single-family homes and larger multi-unit buildings. However, some households are increasingly interested in “missing middle housing” - including duplexes, triplexes, townhomes, cottage clusters and accessory dwelling units (ADUs). These housing types may open up more options across incomes and tenure, from young households seeking homeownership options to seniors looking to downsize and age-in-place.

The housing stock of Oakland in 2020 was made up of 42.4% single family detached homes, 4.0% single family attached homes, 18.7% multifamily homes with 2 to 4 units, 34.5% multifamily homes with 5 or more units, and 0.3% mobile homes (see Figure 19). In Oakland, the housing type that experienced the most growth between 2010 and 2020 was *Multifamily Housing: Five-plus Units*.

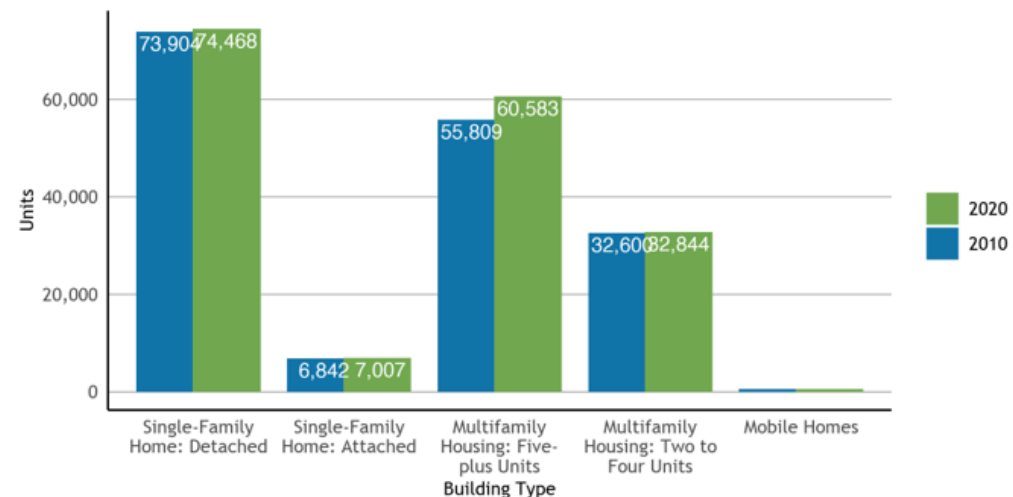


Figure 19: Housing Type Trends

Universe: Housing units

Source: California Department of Finance, E-5 series

Production has not kept up with housing demand for several decades in the Bay Area, as the total number of units built and available has not yet come close to meeting the population and job growth experienced throughout the region. In Oakland, the largest proportion of the housing stock is built 1939 or earlier, with 65,105 units built during this period (see Figure 20). Since 2010, 1.8% of the current housing stock was built, which is 3,113 units.

Contextual Narrative

5.1 Housing Types, Year Built, Vacancy, and Permits

In recent years, most housing produced in the region and across the state consisted of single-family homes and larger multi-unit buildings. However, some households are increasingly interested in “missing middle housing” - including duplexes, triplexes, townhomes, cottage clusters and accessory dwelling units (ADUs). These housing types may open up more options across incomes and tenure, from young households seeking homeownership options to seniors looking to downsize and age-in-place.

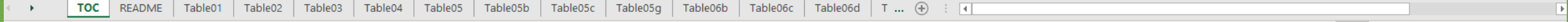
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Association of Bay Area Governments Housing Element Data Package



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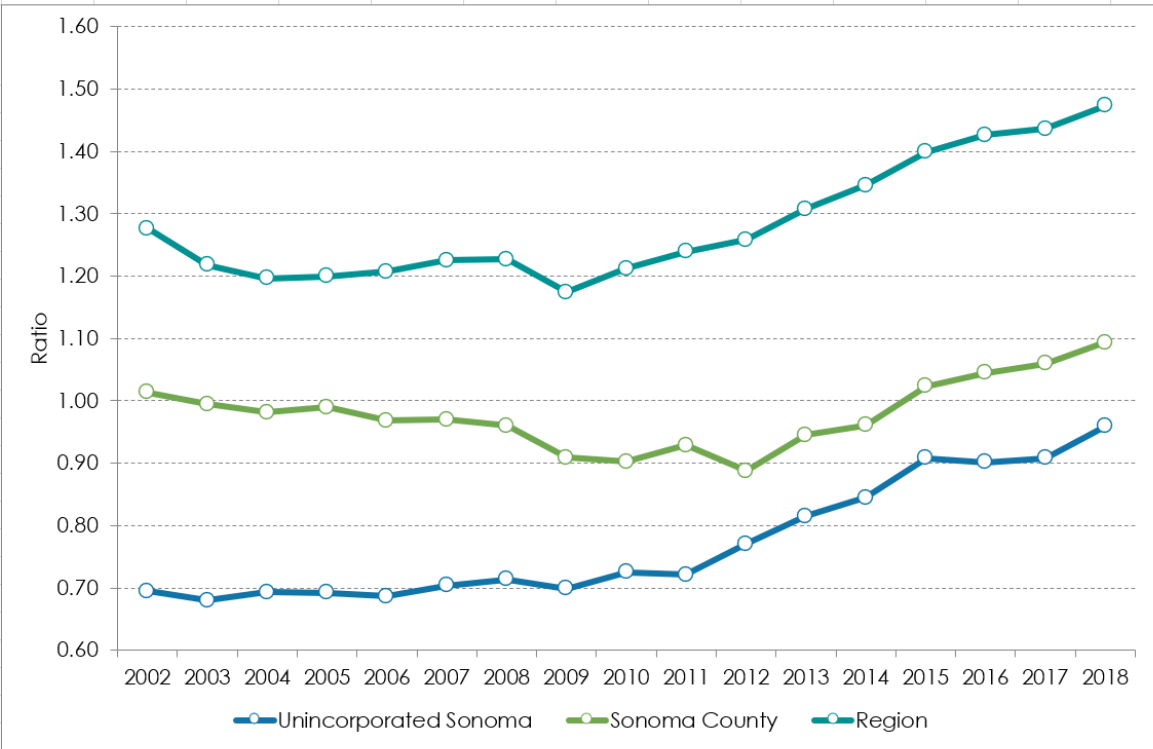
| Table Number | Table Name | Table Source | HCD Building Blocks | HCD Compliance |
|--------------|--|---|---|-------------------------|
| Table 01 | Population Growth Trends, 1990-2020 | California Department of Finance, E-5 series | Population, Employment, and Household Characteristics | Required by HCD |
| Table 02 | Population by Race, 2000-2018 | U.S. Census Bureau, Census 2000, Table P004; U.S. Census Bureau, American Community Survey 5-Year Data (2015-2019), Table B03002 | Population, Employment, and Household Characteristics | Required by HCD |
| Table 03 | Population by Age | U.S. Census Bureau, Census 2000 SF1, Table P12; U.S. Census Bureau, Census 2010 SF1, Table P12; U.S. Census Bureau, American Community Survey 5-Year Data (2015-2019), Table B01001 | Population, Employment, and Household Characteristics | Required by HCD |
| Table 04 | Resident Employment by Industry | U.S. Census Bureau, American Community Survey 5-Year Data (2015-2019), Table C24030 | Population, Employment, and Household Characteristics | Required by HCD |
| Table 05 | Resident Employment by Occupation | U.S. Census Bureau, American Community Survey 5-Year Data (2015-2019), Table C24010 | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 05b | Workers, by Class of Worker | U.S. Census Bureau, American Community Survey 5-Year Data (2015-2019), Table B08128 | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 05c | Workers, by Class of Worker, by Place of Work | U.S. Census Bureau, American Community Survey 5-Year Data (2015-2019), Table B08528 | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 05g | Workers by Earnings, by Jurisdiction as Place of Work and Place of Residence | U.S. Census Bureau, American Community Survey 5-Year Data 2015-2019, B08119, B08519 | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 06b | Jobs in a Jurisdiction by Industry | U.S. Census Bureau, Longitudinal Employer-Household Dynamics, Workplace Area Characteristics (WAC) files, 2002-2018 | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 06c | Job Holders in a Jurisdiction by Industry | U.S. Census Bureau, Longitudinal Employer-Household Dynamics, Residence Area Characteristics (RAC) files, 2002-2018 | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 06d | Jobs-Household Ratio | U.S. Census Bureau, Longitudinal Employer-Household Dynamics, Workplace Area Characteristics (WAC) files (Jobs), 2002-2018; California Department of Finance, E-5 (Households) | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 06g | Jobs-Worker Ratios, By Wage Group | U.S. Census Bureau, Longitudinal Employer-Household Dynamics, Workplace Area Characteristics (WAC) files (Jobs); Residence Area Characteristics (RAC) files (Employed Residents), 2010-2018 | Population, Employment, and Household Characteristics | Recommended by ABAG/MTC |
| Table 07 | Unemployment Rate | California Employment Development Department, Local Area Unemployment Statistics (LAUS), Sub-county areas monthly updates, 2010-2020. | Population, Employment, and Household Characteristics | Recommended by HCD |
| Table 08 | Migrant Worker Student Population (Academic Years 2016-2017; 2017-2018; 2018-2019) | California Department of Education, California Longitudinal Pupil Achievement Data System (CALPADS), Cumulative Enrollment Data (Academic Years 2016-2017, 2017-2018, 2018-2019) | Farmworkers | Required by HCD |
| Table 09 | Farm Operations and Farm Labor by County | U.S. Department of Agriculture, Census of Farmworkers (2002, 2007, 2012, 2017), Table 7: Hired Farm Labor | Farmworkers | Required by HCD |



Excel Workbook with Raw Data

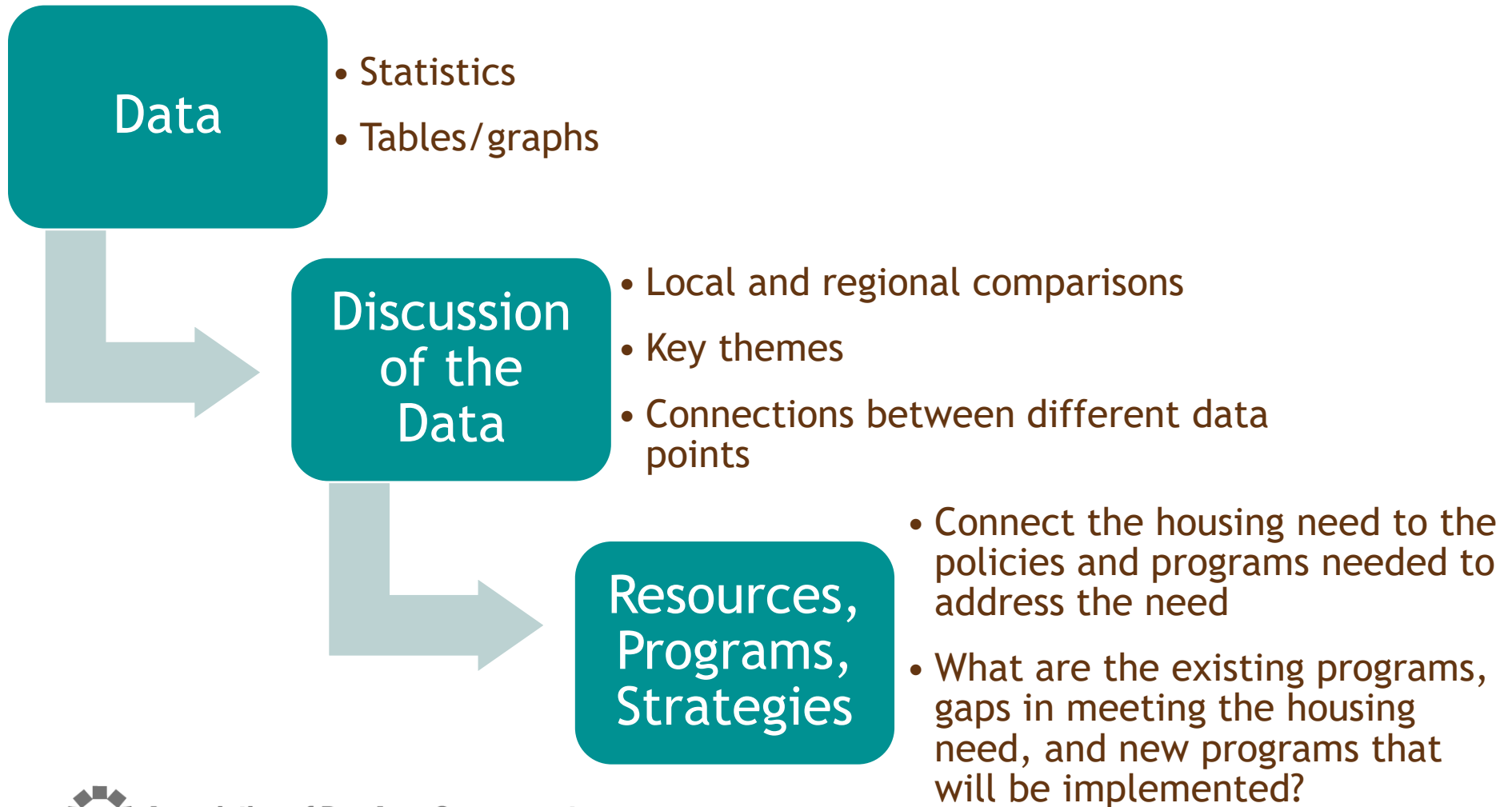


| Year | Unincorporated Sonoma | Sonoma County | Region |
|------|-----------------------|---------------|--------|
| 2002 | 0.69 | 1.01 | 1.28 |
| 2003 | 0.68 | 0.99 | 1.22 |
| 2004 | 0.69 | 0.98 | 1.20 |
| 2005 | 0.69 | 0.99 | 1.20 |
| 2006 | 0.69 | 0.97 | 1.21 |
| 2007 | 0.70 | 0.97 | 1.22 |
| 2008 | 0.71 | 0.96 | 1.23 |
| 2009 | 0.70 | 0.91 | 1.17 |
| 2010 | 0.73 | 0.90 | 1.21 |
| 2011 | 0.72 | 0.93 | 1.24 |
| 2012 | 0.77 | 0.89 | 1.26 |
| 2013 | 0.81 | 0.95 | 1.31 |
| 2014 | 0.84 | 0.96 | 1.35 |
| 2015 | 0.91 | 1.02 | 1.40 |
| 2016 | 0.90 | 1.04 | 1.43 |
| 2017 | 0.91 | 1.06 | 1.44 |
| 2018 | 0.96 | 1.09 | 1.47 |



Notes:
 -The ratio compares place of work wage and salary jobs with households, or occupied housing units.
 -A similar measure is the ratio of jobs to housing units. However, this jobs-household ratio serves to compare the number of jobs in a jurisdiction to the number of housing units that are actually occupied. The difference between a jurisdiction's jobs-housing ratio and jobs-household ratio will be most pronounced in jurisdictions with high vacancy rates, a high rate of units used for seasonal use, or or a high rate of units used as short-term rentals.
 Source:
 U.S. Census Bureau, Longitudinal Employer-Household Dynamics, Workplace Area Characteristics (WAC) files (Jobs), 2010-2018;
 California Department of Finance, E-5 (Households)

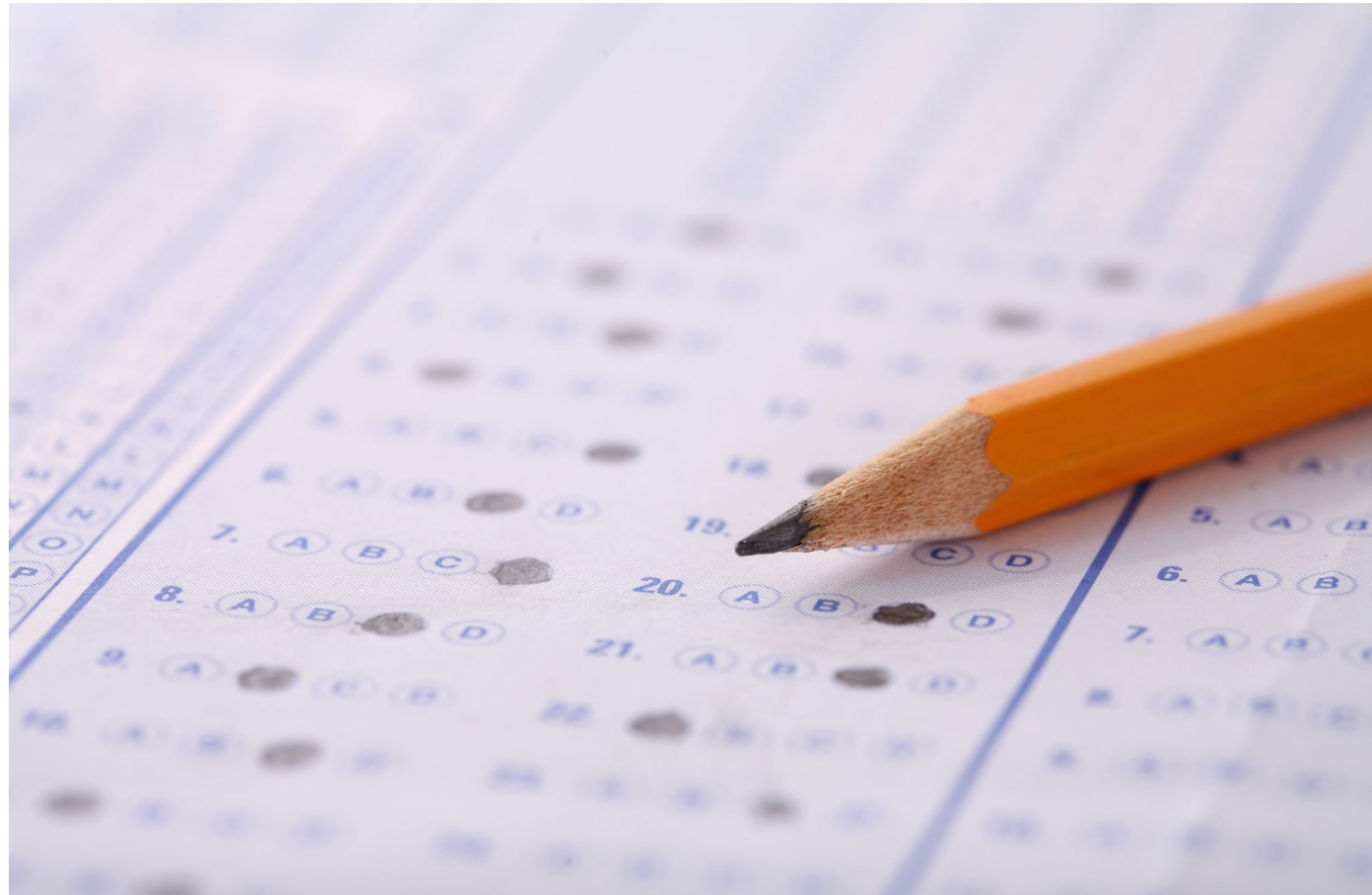
Key Components of a Housing Needs Analysis



Next Steps for Completing the Housing Needs Section

- Download the final HCD-reviewed Housing Needs Data Packet for your jurisdiction
- Review data for accuracy
- Read Word document report for clarity
- Adjust formatting of graphics
- Make meaning and find insights!
 - Add the analysis that contextualizes this data for your jurisdiction and connects housing needs to policies and programs.

Pop quiz!



Suggestions for how to use your Housing Needs Data Packet

1) Edit the Housing Needs Data Packet document directly to use as the Housing Needs section of the Housing Element

or

2) Use the Housing Needs Data Packet as source material that you pull into the Housing Element

or

3) Keep key themes in the body of Housing Element and have other data in appendices

Questions



County Breakout Room Activity



The screenshot shows the website for the California Department of Housing and Community Development. The page title is "Extremely Low-Income Housing Needs". The breadcrumb trail is: Home > Planning & Community Development > Regional Housing Needs Allocation and Housing Elements > Building Blocks > Extremely Low-Income Housing Needs. The page content includes a definition: "The category 'extremely low-income households' is a subset of 'very low-income households,' and is defined as 30 percent (or less) of the area median income. The housing element must quantify existing and projected extremely low-income households, analyze their housing needs, and assess the kind of housing available and suitable for extremely low-income households."

CA .GOV

California Department of Housing and Community Development

CONTACT ABOUT JOBS NEWSROOM

Grants & Funding

Manufactured & Mobilehomes

Building Standards

Planning & Community Development

Policy & Research

Select Language

Powered by Google Translate

Home > Planning & Community Development > Regional Housing Needs Allocation and Housing Elements > Building Blocks > Extremely Low-Income Housing Needs

Extremely Low-Income Housing Needs

The category "extremely low-income households" is a subset of "very low-income households," and is defined as 30 percent (or less) of the area median income. The housing element must quantify existing and projected extremely low-income households, analyze their housing needs, and assess the kind of housing available and suitable for extremely low-income households.

Activity Debrief

The screenshot shows the website header for the California Department of Housing and Community Development. The header includes the CA.GOV logo, the department's name, and a navigation menu with links for CONTACT, ABOUT, JOBS, and NEWSROOM. Below the header is a main navigation bar with icons and dropdown menus for Grants & Funding, Manufactured & Mobilehomes, Building Standards, Planning & Community Development, and Policy & Research. A language selection dropdown is also present, powered by Google Translate. The breadcrumb trail reads: Home > Planning & Community Development > Regional Housing Needs Allocation and Housing Elements > Building Blocks > Extremely Low-Income Housing Needs. The main content area features the title 'Extremely Low-Income Housing Needs' and a paragraph defining the category: 'The category "extremely low-income households" is a subset of "very low-income households," and is defined as 30 percent (or less) of the area median income. The housing element must quantify existing and projected extremely low-income households, analyze their housing needs, and assess the kind of housing available and suitable for extremely low-income households.'

Next Steps

- Download the final HCD-reviewed Housing Needs Data Packet for your jurisdiction
- Sign up for HESS Tool BETA and look out for ABAG office hours in early April
- Attend the County Planning Collaboratives Kick-Off on April 13
- Register for the spring Housing Element Webinars:
 - April 27: How to Talk About Housing - Data-Driven Lessons on Housing Messages that Work and Those that Backfire
 - May 11: Safety and Environmental Justice Elements - Nuts and Bolts with OPR
 - May 25: Engage How To! Introduction to Remote Meeting Tools

A Tutorial on Using the Census Bureau Website to Download Data

Presented by Aksel Olsen, ABAG/MTC

Questions



Walkthrough of census.data.gov

- Quick tour
- Basic Search
 - "google" for census data - quick results
- Advanced Search
 - Granular control of defaults - get what you need
- Useful Resources

Factfinder to census.data.gov

- New interface to many census datasets since 2020
- Simpler interface to get started with: a search box



Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

Find Tables, Maps, and more ... [SEARCH](#)

[Advanced Search](#) [Help](#) [Feedback](#)



Building blocks of a(n ACS) census table

- Topic / Table
 - General Search ('Income')
 - Specific Search ('B19001'; 'DP05')
- Geography
 - One or more geographies
- Year
 - 2010-ish to 2019

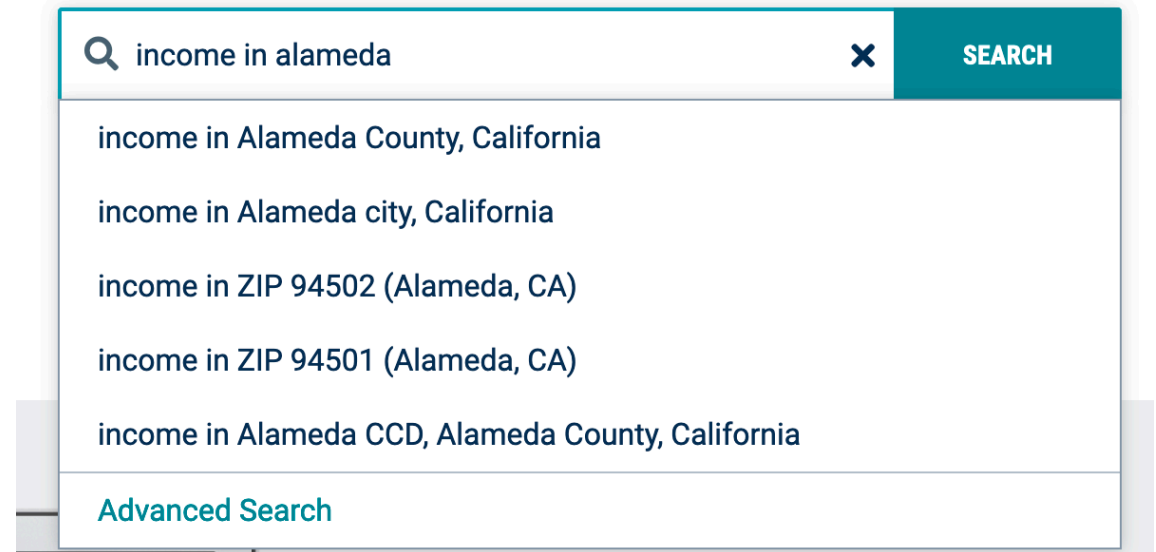


Using Basic Search - App mostly infers building blocks

- “Google” of census: One box to rule them all?
- Start typing, **slowly** - see suggestions in **real time**
- The app will fill in (mostly) sensible defaults based on search

Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.



The screenshot shows a search interface for the Explore Census Data app. At the top, there is a search bar with a magnifying glass icon on the left, a close button (X) on the right, and a teal button labeled 'SEARCH'. Below the search bar, a dropdown menu displays several suggestions for the search term 'income in alameda':

- income in Alameda County, California
- income in Alameda city, California
- income in ZIP 94502 (Alameda, CA)
- income in ZIP 94501 (Alameda, CA)
- income in Alameda CCD, Alameda County, California

At the bottom of the dropdown menu, there is a link labeled 'Advanced Search'.

Advanced Search - Selecting Building Blocks

- The top search box is a good place to start
- Good for **topic discovery** - but Table IDs are useful to have handy
- But point of Advanced Search is more control of **building blocks**

<https://data.census.gov/cedsci>

Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

[Advanced Search](#) [? Help](#) [Feedback](#)

Advanced Search

Table ID (e.g., DP05)

Narrow search with filters

FIND A FILTER

BROWSE FILTERS

Topics
Geography
Years
Surveys
Codes

Please select a filter to narrow your search.

Feedback
feedback@census.gov

CLEAR

Detailed Search - funnel wide -> narrow

- Here: *all* cities ("places") in a state

// Search / Advanced Search

Advanced Search

Table ID (e.g., DP05)

Narrow search with filters

FIND A FILTER

Q e.g. 336111 - Automobile Manufacturing

| BROWSE FILTERS | GEOGRAPHY | WITHIN (STATE) | CALIFORNIA | COUNTY | ALAMEDA COUNTY, CALIFORNIA |
|------------------|---|--|---|-----------------------------------|--|
| Topics | <input type="checkbox"/> Show Summary Levels | Within Other Geographies | <input type="checkbox"/> Show Geographic Components | Within Other Geographies | Within Other Geographies |
| Geography | Public Use Microdata Area | <input type="checkbox"/> All Places in United States | County | Alameda County, California | <input type="checkbox"/> Alameda city, Alameda County, California |
| Years | Place | Alabama | Urban Area | Alpine County, California | <input type="checkbox"/> Albany city, Alameda County, California |
| Surveys | Voting District | Alaska | Congressional District | Amador County, California | <input type="checkbox"/> Ashland CDP, Alameda County, California |
| Codes | Traffic Analysis Zone | American Samoa | Consolidated City | Butte County, California | <input type="checkbox"/> Berkeley city, Alameda County, California |
| | County Subdivision | Arizona | <input type="checkbox"/> All places in California | Calaveras County, California | <input type="checkbox"/> Castro Valley CDP, Alameda County, California |
| | Sub-Minor Civil Division | Arkansas | <input type="checkbox"/> Acalanes Ridge CDP, California | Contra Costa County, California | <input type="checkbox"/> Cherryland CDP, Alameda County, California |
| | Alaska Native Regional Corporation | California | <input type="checkbox"/> Acampo CDP, California | Del Norte County, California | <input type="checkbox"/> Dublin city, Alameda County, California |
| | American Indian Area/Alaska Native Area/Hawaiian Home Land | Colorado | <input type="checkbox"/> Acton CDP, California | El Dorado County, California | <input type="checkbox"/> Emeryville city, Alameda County, California |
| | Metropolitan Statistical Area/Micropolitan Statistical Area | Commonwealth of the Northern Mariana Islands | <input type="checkbox"/> Adelanto city, California | Fresno County, California | |
| | Combined Statistical Area | Connecticut | <input type="checkbox"/> Adin CDP, California | Glenn County, California | |
| | New England City and Town Area | Delaware | | Humboldt County, California | |



Downloading data

On Main Table View:

Under Customize Table:

United States Census Bureau

Q b19001

ALL TABLES MAPS PAGES

1 Results FILTER DOWNLOAD

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)
 Survey/Program: American Community Survey
 TableID: B19001

Product: 2019: ACS 5-Year Estimates Detailed Tables
 Universe: Households

CUSTOMIZE TABLE

| | Census Tract 1527.01, Sonoma County, California | | Census Tract 1527.02, Sonoma County, California | | Census Tract 1537.05, Sonoma County, California | | Census |
|----------------------|---|-----------------|---|-----------------|---|-----------------|--------|
| Label | Estimate | Margin of Error | Estimate | Margin of Error | Estimate | Margin of Error | |
| ▼ Total: | 1,989 | ±189 | 1,838 | ±156 | 1,829 | ±105 | |
| Less than \$10,000 | 78 | | | | | ±57 | |
| \$10,000 to \$14,999 | 140 | | | | | ±97 | |
| \$15,000 to \$19,999 | 125 | | | | | ±36 | |

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: B19001

United States Census Bureau

Search


// Search / Tables / B19001

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)
 Survey/Program: American Community Survey Universe: Households TableID: B19001 Product: 2019: ACS 5-Year Estimates Detailed Tables

Notes Selections 18 Geos Years Topics Surveys Codes 123 Hide Transpose Margin of Error Restore Excel Download More Data Map

| | Census Tract 4090, Alameda County, California | | Census Tract 4271, Alameda County, California | |
|----------------------|---|-----------------|---|------|
| Label | Estimate | Margin of Error | Estimate | Marg |
| ▼ Total: | 1,135 | ±34 | 1,420 | |
| Less than \$10,000 | 16 | ±18 | 33 | |
| \$10,000 to \$14,999 | 71 | ±50 | 38 | |
| \$15,000 to \$19,999 | 37 | ±36 | 13 | |
| \$20,000 to \$24,999 | 46 | ±46 | 30 | |
| \$25,000 to \$29,999 | 55 | ±43 | 16 | |

Download Screen: Flexible Selection


Search

ALL TABLES MAPS PAGES
HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)
CUSTOMIZE TABLE

10 Results
CLOSE DOWNLOAD

DOWNLOAD SELECTED (2)

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: B19001

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS) (WHITE ALONE HOUSEHOLDER)
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: B19001A

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS) (BLACK OR AFRICAN AMERICAN ALONE HOUSEHOLDER)
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: B19001B

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS) (AMERICAN INDIAN AND ALASKA NATIVE ALONE HOUSEHOLDER)
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: B19001C

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS) (ASIAN ALONE HOUSEHOLDER)
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: B19001D

| Label | Census Tract 4001, Alameda County, California | | Census Tract 4002, Alameda County, California | | Census Tract 4003, Alameda County, California | | Census |
|----------------------|---|-----------------|---|-----------------|---|-----------------|--------|
| | Estimate | Margin of Error | Estimate | Margin of Error | Estimate | Margin of Error | |
| ▼ Total: | 1,293 | ±56 | 847 | ±51 | 2,441 | ±134 | |
| Less than \$10,000 | 10 | ±17 | 5 | ±7 | 101 | ±98 | |
| \$10,000 to \$14,999 | 7 | ±11 | 5 | ±8 | 87 | ±91 | |
| \$15,000 to \$19,999 | 43 | ±41 | 0 | ±12 | 30 | ±35 | |
| \$20,000 to \$24,999 | 22 | ±21 | 0 | ±12 | 77 | ±59 | |
| \$25,000 to \$29,999 | 14 | ±17 | 0 | ±12 | 39 | ±36 | |
| \$30,000 to \$34,999 | 50 | ±44 | 13 | ±13 | 157 | ±110 | |
| \$35,000 to \$39,999 | 0 | ±12 | 21 | ±32 | 0 | ±17 | |
| \$40,000 to \$44,999 | 0 | ±12 | 6 | ±9 | 75 | ±55 | |
| \$45,000 to \$49,999 | 26 | ±23 | 14 | ±14 | 94 | ±94 | |
| \$50,000 to \$59,999 | 55 | ±35 | 32 | ±18 | 13 | ±20 | |
| \$60,000 to \$74,999 | 25 | ±24 | 51 | ±24 | 155 | ±74 | |
| \$75,000 to \$99,999 | 103 | ±42 | 61 | ±38 | 297 | ±110 | |

Download / Print / Share

DOWNLOAD EMBED SHARE API PRINT MORE DATA

Select Table Vintages

| | All | 2019 | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 |
|----------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| B19001 5-Year | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| B19001A 5-Year | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

File Type

CSV

PDF

What You're Getting

- 2 .csv files (metadata)
- 2 .csv files (data)
- 2 .txt files (table title)

Uncompressed Estimated Size: 263.8 kB

[DOWNLOAD](#)



Send Feedback

Example 1: Getting More *Years* of Data

ACS -> About a decade in platform

Most tables are available for several years

Currently, only possible to select one year at a time

To start:

Select *Year* filter, follow screen

Narrow search with filters

FIND A FILTER

🔍 e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

Topics

Geography

Years

Surveys

Codes

YEARS

2022

2021

2019

2018

2017

2016

2015

2014

2013

2012

2011

Example 2: Getting More Areas of Data

Start with Geography filter, follow screens as geographies narrow

Funnel principle



Narrow search with filters

FIND A FILTER

Q e.g. 336111 - Automobile Manufacturing

| BROWSE FILTERS | Levels | WITHIN (STATE) Q | WITHIN (COUNTY) Q | PLACE Q | ALAMEDA CITY, CALIFORNIA Q | ALAMEDA COUNTY (PART), AL... Q |
|------------------|-------------------|--|--|---------------------------------|--|--|
| Topics | | Alabama | Within Other Geographies ^ | Alamo CDP, California | Alameda County (part), Alameda city, California | <input type="checkbox"/> Census Tract 4283.01, Alameda County (part), Alameda city, California |
| Geography | | Alaska | State Legislative District (Lower Chamber) | Acton CDP, California | | <input type="checkbox"/> Census Tract 4283.02, Alameda County (part), Alameda city, California |
| Years | | American Samoa | State Legislative District (Upper Chamber) | Adelanto city, California | | <input type="checkbox"/> Census Tract 4284, Alameda County (part), Alameda city, California |
| Surveys | | Arizona | Congressional District | Adin CDP, California | | <input type="checkbox"/> Census Tract 4285, Alameda County (part), Alameda city, California |
| Codes | | Arkansas | | Agoura Hills city, California | | <input type="checkbox"/> Census Tract 4286, Alameda County (part), Alameda city, California |
| | | California | Place | Alameda city, California | | <input type="checkbox"/> Census Tract 4287, Alameda County (part), Alameda city, California |
| | | Colorado | <input type="checkbox"/> All Census Tracts within California | Alamo CDP, California | | <input type="checkbox"/> Census Tract 9900 (part), Alameda County (part), Alameda city, California |
| | | Commonwealth of the Northern Mariana Islands | Alameda County, California | Albany city, California | | |
| | Area (Five-Digit) | Connecticut | Alpine County, California | Albion CDP, California | | |
| | istrict | Delaware | Amador County, California | Alhambra CDP, California | | |
| | istrict | District of Columbia | Butte County, California | Airport CDP, California | | |
| | ct | Florida | Calaveras County, California | | | |
| | | Georgia | Colusa County, California | | | |

Question (Table S1701)

Union City Percent below Poverty [ONE AREA / YEAR]

- What is the:
 - Overall poverty rate
 - Poverty rate for Latinx

Question (Table DP05)

Oakland and
Alameda
Senior

[GEO COMPARE]

What is the

- Count of 65+ year olds in Oakland?
- Share of 65+ year olds in Oakland relative to Alameda County?

Question (Table B25070)

Fremont Cost Burden [TIME COMPARE]

- How many rental households pay more than 50% of income in rent?
- Has cost burden gotten better or worse since 2010?

Data Tip

URLs Track it all; Use Bookmarks!

- URLs encode all the key information about the search:
 - Survey; Year; Geography; Table
- Tables prepared with advanced search have nice URLs:
 - <https://data.census.gov/cedsci/table?q=1600000US0668084&tid=ACSST1Y2019.S0101&hidePreview=false>
- Tracts - one or several counties - table:
 - <https://data.census.gov/cedsci/table?q=b19001&g=0500000US06001.140000,06013.140000&d=ACS%205-Year%20Estimates%20Detailed%20Tables&tid=ACSST5Y2019.B19001&hidePreview=false>
- Tracts - one or several counties - map (!):
 - https://data.census.gov/cedsci/map?q=b19001&g=0500000US06001.140000,06013.140000&d=ACS%205-Year%20Estimates%20Detailed%20Tables&tid=ACSST5Y2019.B19001&hidePreview=false&vintage=2019&layer=VT_2019_140_00_PY_D1&cid=B19001_001E&palette=Teal&break=5&classification=Natural%20Breaks&mode=thematic

Nicely formatted city profiles

- Profile with interactive charts
 - <https://data.census.gov/cedsci/profile?g=1600000US0600562>
 - Can be found by general search - for example, “profile for Alameda city, CA”
- Narrative profiles
 - <https://www.census.gov/acs/www/data/data-tables-and-tools/narrative-profiles/2019/>
 - <https://www.census.gov/acs/www/data/data-tables-and-tools/narrative-profiles/2019/report.php?geotype=place&state=06&place=00674>
- Handy data profiles
 - [DP02 Selected Social Characteristics In The United States](#)
 - [DP03 Selected Economic Characteristics](#)
 - [DP04 Selected Housing Characteristics](#)
 - [DP05 ACS Demographic And Housing Estimates](#)
 - [Dashboard](#)
- File with profile links for each Bay Area City / Place
 - <https://mtcdrive.box.com/s/aigs1wos3iipit8krub3dc64fxkena7l>

Inventory of tables available?

- List in data.census.gov:
 - <https://data.census.gov/cedsci/all?d=ACS%205-Year%20Estimates%20Detailed%20Tables>
 - FTP (spreadsheet): https://www2.census.gov/programs-surveys/acs/summary_file/2019/documentation/tech_docs/ACS_2019_SF_5YR_Appendices.xlsx
- Subject table navigation help
 - <https://www.census.gov/acs/www/data/data-tables-and-tools/>
- Social Explorer (non-census provided)
 - https://www.socialexplorer.com/data/ACS2019_5yr/metadata/?ds=ACS19_5yr

Mapping data

United States Census Bureau

SEARCH b19001

ALL TABLES **MAPS** PAGES

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey Product: 2019: ACS 5-Year Estimates Detailed Tables
TableID: B19001 Universe: Households

1 Results FILTER | DOWNLOAD

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: B19001

| | Census Tract 1527.01, Sonoma County, California | | Census Tract 1527.02, Sonoma County, California | | Census Tract 1537.05, Sonoma County, California | | Census |
|----------------------|---|-----------------|---|-----------------|---|-----------------|--------|
| Label | Estimate | Margin of Error | Estimate | Margin of Error | Estimate | Margin of Error | |
| ▼ Total: | 1,989 | ±189 | 1,838 | ±156 | 1,829 | ±105 | |
| Less than \$10,000 | 78 | ±66 | 84 | ±65 | 97 | ±57 | |
| \$10,000 to \$14,999 | 140 | ±87 | 32 | ±32 | 200 | ±97 | |
| \$15,000 to \$19,999 | 125 | ±81 | 70 | ±72 | 53 | ±36 | |

Tracts - arbitrary (one or several counties)

- **One county:** https://data.census.gov/cedsci/map?text=b19013&g=0500000US06001.140000&d=ACS%205-Year%20Estimates%20Detailed%20Tables&tid=ACSDT5Y2019.B19013&hidePreview=false&vintage=2019&layer=VT_2019_140_00_PY_D1&cid=B19013_001E&palette=PuRd&break=7&mode=customize
- **Multiple Counties:** https://data.census.gov/cedsci/map?q=b19013&g=0500000US06001.140000,06013.140000&d=ACS%205-Year%20Estimates%20Detailed%20Tables&tid=ACSDT5Y2019.B19013&hidePreview=false&vintage=2019&layer=VT_2019_140_00_PY_D1&cid=B19013_001E&palette=Greens&break=7&mode=customize

Further Resources

- On the Census Platform: Many task-specific tutorials on the new data.census.gov portal
 - <https://www.census.gov/data/what-is-data-census-gov/guidance-for-data-users/how-to-materials-for-using-data-census-gov.html>
- On Geographic relationships
 - MTC / ABAG map, file with tracts and jurisdictions:
 - <https://mtc.maps.arcgis.com/apps/View/index.html?appid=ae377937e41343fd960b21f67d3e1f48>
 - Spreadsheet: <https://mtcdrive.box.com/s/jpy3c1ki9gho17d2leev9a2twamj4zq1>

Tool Tip: Census Business Builder

Compiles useful array of demographic + spending information

- Regional Analyst version
 - <https://cbb.census.gov/rae/#>
 - Specific example where 9 counties are selected as “custom region”:
 - https://cbb.census.gov/rae/#view=regionreport&industry0=00&dynHeader=Bay+Area&reportType=summary&dynGeo_county=06001-06013-06041-06055-06075-06081-06085-06095-06097
 - SF report:
 - https://cbb.census.gov/rae/#view=regionreport&industry0=00&dynHeader=Alameda&reportType=summary&dynGeo_county=06001
- Small business version
 - <https://cbb.census.gov/sbe/#>

Thank You.

housingTA@bayareametro.gov



Resources

HCD

- [Building Blocks](#)
- [Housing Element Completeness Checklist](#)

ABAG/MTC

- [Sign up for Housing Technical Assistance Mailing List](#)
- [ABAG's Housing Technical Assistance website](#)
- Email: HousingTA@bayareametro.gov

Census Bureau

- [Online resource for mapping census tracts to neighborhoods](#)
- [Jurisdiction data profiles from the Census](#)
- [Spreadsheet that maps census tracts to jurisdictions](#)