Bradbury, California

Indicators Report

by
The National Economic Education Delegation (NEED)

April 20, 2024

Exploring the economics, demographics, and well-being of Bradbury and its residents through indicators.

This report was produced by the:

National Economic Education Delegation 271 Arias St. San Rafael, CA 94903 415-336-5705 www.NEEDEcon.org Contact: Jon@NEEDEcon.org

Executive Summary

Assessing the City with Indicators

About this Report

This report provides background or summary information for the city of Bradbury (the City) in the form of indicators.

Using this Report

Indicators are measures of various aspects of a regional economy. They help to provide an indication of the quality of life in a region and progress toward improving conditions in the local economy. This report focuses on indicators for changing demographics, incomes, housing markets, commute patterns, and employment in Bradbury. These indicators are compared to Los Angeles County (the County) as a whole, a broader region where one is well defined, California, and the United Sates.

This report is vital for understanding trends in the underlying economy. It does not provide forecasts, but Rob Eyler and Jon Haveman at Economic Forensics and Analytics are available to provide them if that is of interest.

Topics Covered:

- Demographics: A detailed snopshot of Bradbury demographics is presented. This provides
 evidence on the size, age and sex, income and poverty status, race and ethnicity, housing status,
 living arrangements, education, health, and transportation choices of the population. Beyond
 the current population level, data on trends in local population growth, in comparison with other
 broader regions is presented, in both tabular and graphical form.
- **Employment Report:** Here, we provide a brief snapshot or employment and unemployment in Bradbury and how the City's experience differs from broader regions.
- Income and Earnings: Vital to understanding the prosperity of a city relative to its surrounding
 area is information on income and earnings. We provide a ranking of the City's income relative to
 all cities in California as well as growth relative to local regions. Inequality and poverty status are
 also important indicators for the level of equity in the community. We provide evidence of trends
 in both, not only for all residents, but also for children separately.
- Housing: This section provides evidence on the cost and availability of housing. Both median home values and rental costs are included, along with detailed information on home ownership, by age and income, in particular. Further, evidence is provided on the housing burden in the City, again, in comparison with other broader regions. We also provide evidence on the rate at which new buildings and units are permitted along with a broader housing picture. Finally, we provide evidence on the age of the housing stock in Bradbury, along with information on how long the City's residents have been in place.
- Transportation: Increasingly important, in the wake of the pandemic, is an understanding of
 the transportation patterns and choices of local residents. We provide detailed evidence on the
 proprotion of residents who work from home and on the various transportation choices of those
 who head to the office. This information is also provided for those who work in Bradbury, but do
 not necessarily live in Bradbury.
- Migration: Population changes comes primarily through organic causes: births and deaths. Migration between regions also plays a significant role in population growth. A final section of the report provides evidence on migration into and out of the City.

Contents

Executive Summary Assessing the City with Indicators	1 1
A Demographic Snapshot	3 3 4
Citywide Employment and Unemployment	8 8 9
Per Capita Personal Income Growth	6 6 9
Housing Costs and Affordability	27
Mode of Transportation	34 36 37 38 40
Overall Migration Flows	12 12 14

Demographics

Definition:

Why is it important?

Data on the demographics of a city indicate the nature of the population, with a focus on age, gender, race and ethnicity, as well as household compositon.

The characteristics and growth of Bradbury's population are fundamental indicators of the city's growth potential.

A Demographic Snapshot

Statistic	2022	2019
POPULATION		
Population Estimate (#, 5yr)	767.0	833.0
Veterans (#, 5yr)	6.0	15.0
Foreign born persons (%, 5yr)	31.9	33.1
Population age 25+ (#, 5yr)	614.0	627.0
AGE AND SEX		
Persons under 5 years (%, 5yr)	3.7	6.0
Persons under 18 years (%, 5yr)	11.7	17.4
Persons 65 years and over (%, 5yr)	18.8	20.6
Female persons (%, 5yr)	51.8	52.2
INCOME AND POVERTY		
Median household income (\$, 5yr)	158,438.0	146,250.0
Per capita income in past 12 months (\$, 5yr)	92,386.0	71,948.0
Persons in poverty (%, 5yr)	5.6	5.5
Children age less than 18 in poverty (#, 5yr)	14.0	17.0
Children age less than 18 in poverty (%, 5yr)	15.6	11.7
RACE AND ETHNICITY	54.0	540
White alone (%, 5yr)	51.8	54.6
African American alone (%, 5yr) American Indian or Alaska Native alone (%, 5yr)	0.1 0.0	1.0
· / / /	0.0 37.8	0.0 37.9
Asian alone (%, 5yr) Native Hawaiian and Other Pacific Islander alone (%, 5yr)	0.0	0.0
Two or More Races (%, 5yr)	8.9	4.7
Hispanic or Latino (%, 5yr)	16.4	14.9
White alone, not Hispanic or Latino (%, 5yr)	45.2	45.1
HOUSING	43.2	43.1
Housing units (#, 5yr)	340.0	385.0
Owner-occupied housing units (%, 5yr)	92.4	81.1
Median value of owner-occupied housing units (\$, 5yr)	1,828,100.0	1,555,900.0
Median selected monthly owner costs-with a mortgage (\$, 5yr)	4,001.0	4,001.0
Median selected monthly owner costs-without a mortgage (\$, 5yr)	1,501.0	1,501.0
Median gross rent (\$, 5yr)	-666,666,666.0	,
FAMILIES AND LIVING ARRANGEMENTS		
Households (#, 5yr)	277.0	270.0
Persons per household (#, 5yr)	2.8	3.1
Living in same house 1 year ago, % of persons age 1+ (5yr)	93.6	91.2
EDUCATION		
High school graduate or higher, % of persons age 25+ (5yr)	91.4	91.5
Bachelor's degree or higher, % of persons age 25+ (5yr)	52.6	54.4
HEALTH		
With a disability, under age 65 years (#, 5yr)	21.0	19.0
Persons without health insurance, under age 65 years (%, 5yr)	2.3	3.8
LABOR FORCE		
In civilian labor force, persons age 16+ (%, 5yr)	59.9	60.9
In civilian labor force, women age 16+ (%, 5yr)	50.0	47.0
Employed, persons age 16+ (%, 5yr)	53.4	57.4
Self employed (%, 5yr)	17.1	19.7
TRANSPORTATION Mean travel time to work, workers ago 16 (Mins, 5vr)	23.9	21.0
Mean travel time to work, workers age 16+ (Mins., 5yr) Using public transportation (%, 5yr)	23.9	31.9 8.0
Drive alone in private vehicle (%, 5yr)	2.7 71.8	74.6
Source: American Community Survey, Summary Files	71.0	7 7.0

Source: American Community Survey, Summary Files

Note: Data are from the 1-year files unless indicated by the notation 5yr.

Current Population

The data in these two tables and the following two graphs are from the CA Department of Finance (DOF). The DOF produces population estimates for geographies around California twice a year: January and July. As estimates for cities are only available in January, these two tables are based on the January data. The remaining figures are from the American Community Survey (ACS), provided annually by the U.S. Bureau of the Census.

Table 1. Population Change by Region

(Thousands,	January	to January)
-------------	---------	-------------

	2023		% Cha	nge
Region	Population	1 Year	3 Year	5 Year
	С	ity		
Bradbury	889	0.34	-15.81	-17.99
	County and Br	oader Re	gions	
Los Angeles County	9,761,210	-0.75	-3.69	-4.81
Southern California	21,794,548	-0.41	-2.24	-2.84
California	38,940,231	-0.35	-1.79	-2.01

Source: CA DOF; Calculations by National Economic Education Delegation

Figure 1: Population Growth (1)

5 - 0 0 - -5 - -10 - -14.4 - -14.4 - -14.4 - -20 - -1990 2000 2010 2020 2030 Year, through 2023

Bradbury (-14.4%) Los Angeles County (-0.6%) California (4.6%)
Source: CA, Department of Finance Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 2: Population Growth (2)

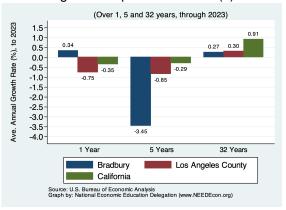


Figure 3: Population by Age - Detailed Age Categories

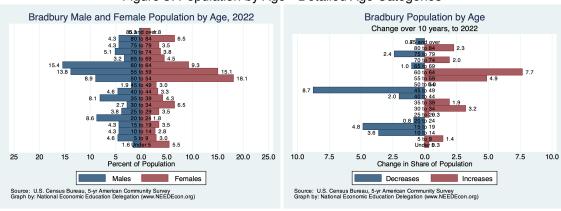


Figure 4: Population by Age - Broad Age Categories

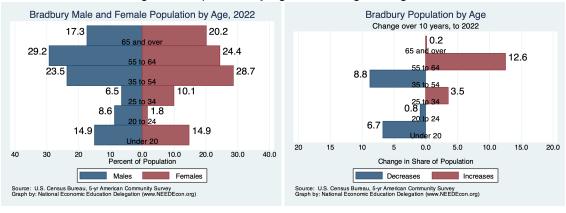


Figure 5: Population by Educational Attainment

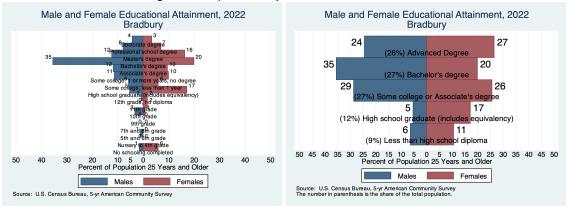
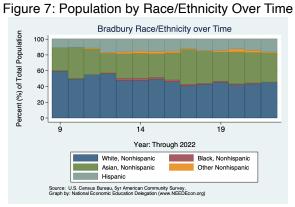


Table 2. County Population Change by City (Thousands, January to January)

City	2022	2023	Local	% Change Southern California	Californi
os Angeles County	9,834.5	9,761.2	-0.75	-0.41	-0.35
Los Angeles	3,802.7	3,766.1	-0.96	V.11	0.00
Long Beach	460.2	458.2	-0.44		
Santa Clarita	229.0	230.7	0.71		
Glendale	192.9	191.3	-0.82		
Lancaster	174.6	173.4	-0.70		
Palmdale	167.0	165.9	-0.66		
Pomona Torrance	149.9 144.3	149.7 143.1	-0.12 -0.88		
Pasadena	137.8	137.0	-0.60		
Downey	112.1	111.3	-0.00 -0.73		
West Covina	107.6	107.9	0.13		
El Monte	107.3	106.4	-0.84		
Inglewood	106.9	106.2	-0.64		
Burbank	105.0	104.5	-0.42		
Norwalk	101.8	101.2	-0.65		
Compton	94.3	93.7	-0.61		
South Gate	93.4	92.6	-0.78		
Carson	92.7	92.2	-0.60		
Santa Monica	91.7	91.7	-0.02		
Whittier	87.7	87.3	-0.47		
Hawthorne	86.5	85.7	-0.96		
Alhambra Lakewood	81.6 80.9	81.3 80.2	-0.37		
Bellflower	80.9 77.6	76.9	-0.92 -0.92		
Baldwin Park	70.8	70.9 70.4	-0.92 -0.63		
Redondo Beach	69.1	68.4	-0.03 -0.97		
Lynwood	66.6	66.2	-0.55		
Montebello	61.8	61.6	-0.26		
Pico Rivera	61.4	61.0	-0.77		
Gardena	60.1	59.8	-0.47		
Monterey Park	59.8	59.3	-0.90		
Arcadia	55.9	55.5	-0.74		
Diamond Bar	53.9	53.4	-1.03		
Huntington Park	53.8	53.3	-0.93		
Paramount	52.6	52.2	-0.72		
Glendora	51.6	51.2	-0.80		
Covina	50.7	50.4	-0.67		
Rosemead Azusa	50.1 49.5	50.0 49.5	-0.17 0.06		
La Mirada	48.4	47.9	-1.00		
Cerritos	48.4	47.9	-1.06		
Rancho Palos Verdes	41.5	41.0	-1.02		
Culver City	40.0	39.7	-0.73		
San Gabriel	38.7	38.5	-0.58		
Bell Gardens	38.8	38.4	-0.84		
Monrovia	37.8	37.5	-0.62		
La Puente	37.6	37.4	-0.63		
Claremont	37.0	36.8	-0.74		
Temple City	36.0	35.8	-0.55		
West Hollywood	34.9	34.8	-0.39		
Manhattan Beach San Dimas	34.7	34.3	-1.24		
San Dimas Bell	34.4 33.6	34.1 33.4	-0.95 -0.72		
La Verne	33.0 32.3	33.4	-0.72 -0.89		
Beverly Hills	31.9	31.7	-0.89 -0.90		
Lawndale	31.2	30.9	-0.93		
Walnut	27.7	27.6	-0.61		
South Pasadena	26.4	26.3	-0.59		
Maywood	24.8	24.5	-0.94		
San Fernando	23.5	23.5	-0.20		
Calabasas	23.0	22.8	-0.99		
Duarte	21.4	22.8	6.60		
Cudahy	22.4	22.3	-0.52		
Lomita	20.3	20.1	-1.02		
La Canada Flintridge	20.1	19.9	-0.65		
Agoura Hills	19.8	19.8	-0.03		
South El Monte	19.6	19.5	-0.85		
Hermosa Beach	19.2	19.0	-0.98		
Santa Fe Springs El Segundo	18.7 17.0	18.6 16.9	-0.88 -0.67		
Artesia	16.2	16.9	-0.67 -0.81		
Hawaiian Gardens	13.7	13.5	-0.81 -0.94		
				Education Dele	antion

Signal Hill Sierra Madre -0.84 -0.8111.5 11.410.910.8 Malibu 10.5 10.5-0.21Rolling Hills Estates 8.5 8.4 -0.40

Figure 6: Population by Race/Ethnicity Bradbury Race/Ethnicity, 2022 16.4% 36.8 0.1% White, Nonhispanic Black, Nonhispanic Asian, Nonhispanic Other, Nonhispanic Hispanic Source: U.S. Census Bureau, 5-yr American Community Survey Graph by: National Economic Education Delegation (www.NEEDEcon.org)



Employment Report

Citywide Employment and Unemployment

Definition:

Each month, California's Employment Development Division (EDD) publishes an update on employment in California and in MSAs, counties, and cities all across the state. The report focuses primarily on non-farm employment, providing estimates of changes in em-

ployment by industry as well as unemployment in each region. Data for cities is limited to aggregate employment, labor force, and unemployment data. Those are reported below.

Why is it important?

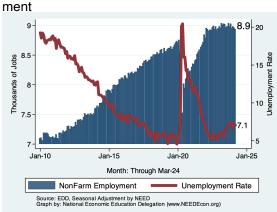
Employment growth is a fundamental indicator of the health of an economy.

Table 3. Bradbury Summary for March, 2024

	Change From:						
Category	Current Value	Last Month	2 Months Ago	Last Year			
Employment	8,924	-30	-53	-103			
Labor Force	9,644	9	15	96			
Number Unemployed	678	-4	21	97			
Unemployment Rate	7.0	-0.0	0.2	0.9			

Source: EDD, National Economic Education Delegation

Figure 8: Historical Employment and Unemploy- Figure 9: Employment and Unemployment - Last



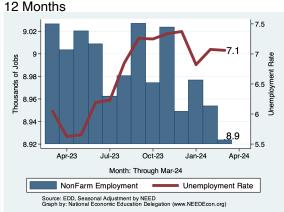
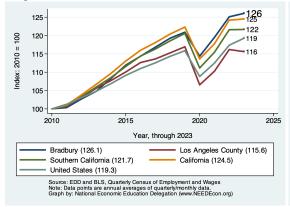
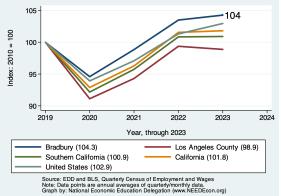


Figure 10: Relative Employment Growth Across Figure 11: Relative Employment Growth Across Regions - since 2010 Regions - since 2019





County Employment by Industry

California's Employment Development Division (EDD) does not regularly produce data on employment by industry for cities. However, we are able to report industry-level employment data for Los Angeles County. The following table provides the latest data for the County.

Table 4. Employment Growth by Industry in Los Angeles County for March, 2024

			Empl		% Gr	owth - A	nnualized	Rate	
Industry	Employment	Share	Growth	Month	Qtr	6mo	1yr	3yr	5yr
Total Nonfarm	4, 571, 176	100.0	10,019.7	2.7	1.9	1.8	0.4	3.0	0.0
Total Private	3,980,116	87.1	10,298.0	3.2	1.8	1.7	0.2	3.1	0.1
Goods Producing	467,870	10.2	18.0	0.0	-2.8	-1.2	-0.8	0.4	-1.0
Mining, Logging and Construction	151,916	3.3	532.2	4.3	-5.0	-0.7	0.2	-0.0	0.2
Mining and Logging	1,600	0.0	0.0	0.0	0.0	0.0	-5.9	0.0	-3.2
Construction	149,974	3.3	383.7	3.1	-5.7	-1.3	0.3	0.0	0.3
Manufacturing	316,063	6.9	-223.5	-0.8	-2.1	-1.5	-1.4	0.5	-1.5
Durable Goods	190,266	4.2	126.6	0.8	-1.4	-0.8	-0.7	0.7	-1.1
Non-Durable Goods	125,955	2.8	-296.8	-2.8	-3.0	-2.5	-2.4	0.3	-2.2
Service Providing	4,101,400	89.7	9,377.4	2.8	2.1	2.0	0.6	3.4	0.2
Trade, Trans & Utilities	824,556	18.0	-680.6	-1.0	-1.1	-0.2	-0.3	0.7	-0.6
Wholesale Trade	198, 134	4.3	-19.8	-0.1	-2.1	-1.6	-1.5	-0.4	-2.2
Retail Trade	406,837	8.9	88.1	0.3	-0.7	0.0	-0.2	1.3	-0.4
Trans & Warehousing	207,446	4.5	-739.7	-4.2	-0.3	0.8	0.6	0.5	0.9
Utilities	12,541	0.3	-4.9	-0.5	0.8	2.7	3.3	2.6	1.0
Information	178,723	3.9	2,431.1	17.9	3.5	0.4	-14.8	-2.7	-3.6
Financial Activities	210,643	4.6	-319.1	-1.8	4.2	0.5	-1.0	-0.2	-1.2
Finance & Insurance	122,234	2.7	82.9	0.8	1.2	-0.6	-1.2	-1.9	-2.0
Real Estate & Rental & Leasing	88,325	1.9	-180.4	-2.4	3.9	1.9	-0.8	2.5	-0.1
Professional & Business Srvcs	646,393	14.1	1,136.2	2.1	2.2	-0.4	-1.9	1.5	-0.1
Prof, Sci, & Tech	312,951	6.8	-1,162.7	-4.4	-0.3	-1.1	-1.1	2.1	0.9
Admin & Support Srvcs	258, 283	5.7	2,442.0	12.1	8.3	0.7	-3.2	1.2	-1.0
Employment Srvcs	96,576	2.1	1,117.0	15.0	12.8	-0.7	-8.1	-0.7	-2.2
Educational & Health Srvcs	948,482	20.7	6,221.2	8.2	5.9	5.5	5.3	4.6	2.8
Education Srvcs	147,023	3.2	1,208.1	10.4	9.5	8.0	7.8	7.3	2.1
Health Care & Social Assistance	801,869	17.5	5,246.7	8.2	5.6	5.2	4.9	4.1	2.9
Leisure & Hospitality	539,744	11.8	-335.7	-0.7	1.3	1.4	1.3	13.8	-0.1
Arts, Entertainment & Recreation	93,094	2.0	-469.8	-5.9	-6.6	-7.9	-3.9	19.4	-0.5
Accommodation & Food Srvcs	444,463	9.7	-845.1	-2.3	-0.3	2.1	2.4	13.0	-0.1
Other Srvcs	160,653	3.5	-27.8	-0.2	0.8	3.0	2.9	9.1	0.4
Government	590,364	12.9	72.7	0.1	3.1	2.0	1.9	2.4	-0.1
Federal	48,700	1.1	0.0	0.0	0.8	2.9	2.3	0.7	0.8
State	97,915	2.1	-158.6	-1.9	0.1	0.1	-0.1	3.5	1.1
Local	443,641	9.7	146.6	0.4	3.1	2.8	2.3	2.3	-0.4
County	103,766	2.3	109.3	1.3	1.0	-0.5	0.0	-1.0	-0.7
City	92,291	2.0	55.4	0.7	0.6	1.5	2.4	1.9	-0.4
Local Government Education	225,880	4.9	-153.1	-0.8	4.4	4.2	3.6	4.2	-0.4

Source: EDD, National Economic Education Delegation (NEED)

Some Employee Detail

Employed in Bradbury

Figure 12: Employment by Occupation



Figure 13: Employment by Industry



Figure 14: Language Spoken at Home



Figure 15: Citizenship



Employed Residents of Bradbury

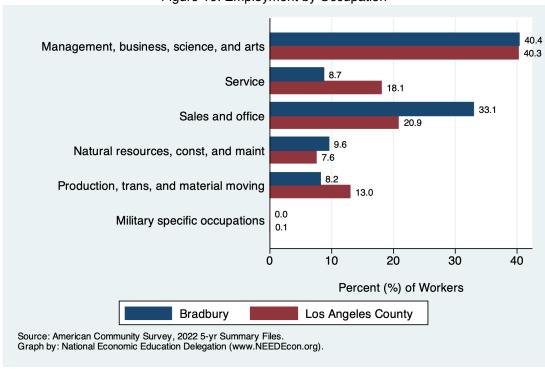
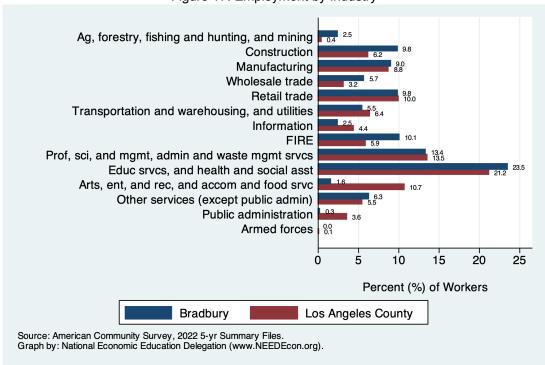


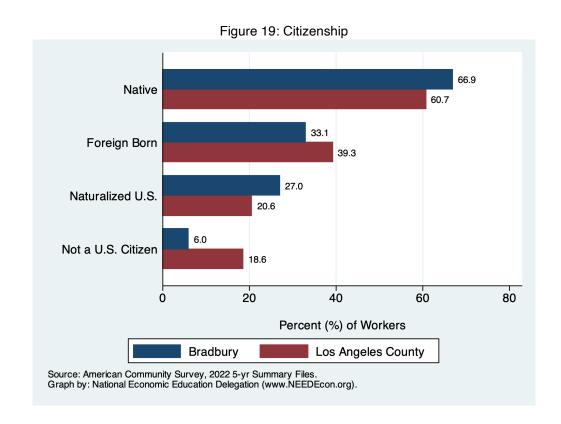
Figure 16: Employment by Occupation





61.2 Speak only English 43.4 Speak Spanish (SS) 39.2 3.0 SS - English very well 23.5 SS - English less than very well 15.7 34.2 Speak other languages (SOL) 17.5 SOL - English very well 8.7 SOL - English less than very well 20 40 60 Percent (%) of Workers Bradbury Los Angeles County Source: American Community Survey, 2022 5-yr Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 18: Language Spoken at Home



Jon Haveman, Ph.D. ● National Economic Education Delegation Jon@NEEDEcon.org • 415-336-5705

Employed Residents vs Workers in Bradbury

Figure 20: Employment by Occupation



Figure 21: Employment by Industry



Figure 22: Language Spoken at Home



Figure 23: Citizenship



Income and Earnings

Per Capita Income Growth

Definition:

Per capita income is the average income per person in Bradbury. Personal income is the income received by, or on behalf of, all persons from all sources: from participation as laborers in production, from owning a home or unincorporated business, from the ownership of financial assets, and from government and business in the form of transfer receipts. Noncash government benefits are not included.

Why is it important?

Income is the money that is available to persons for consumption expenditures, taxes, interest payments, transfer payments to governments and the rest of the world, or for saving. As such, it is an important indicator of economic well-being in a community.

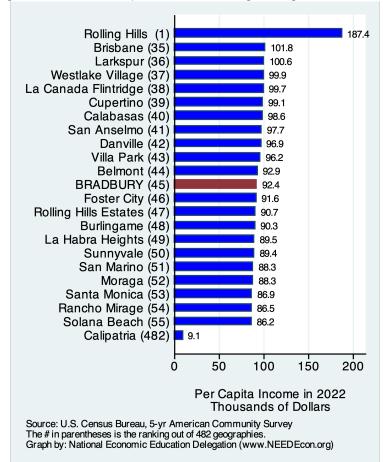
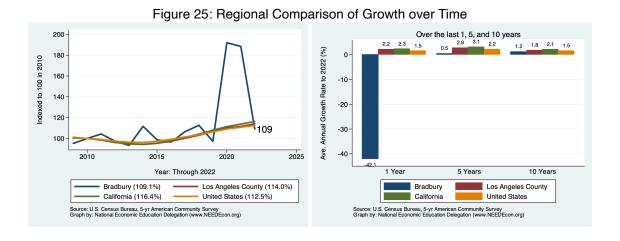
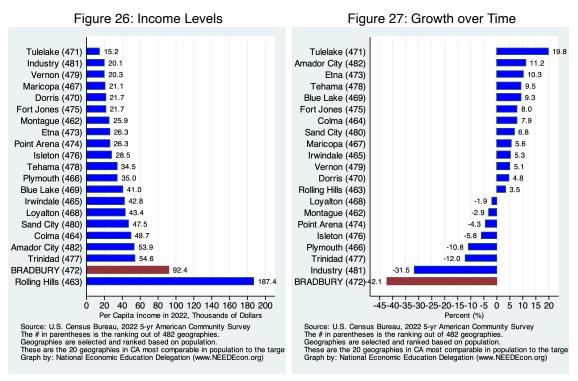


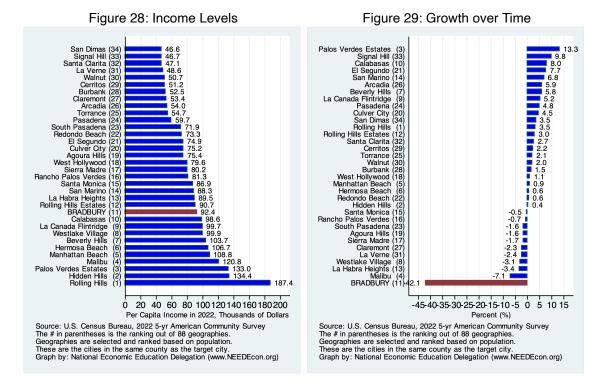
Figure 24: Real Per Capita Income Ranking Among California Cities

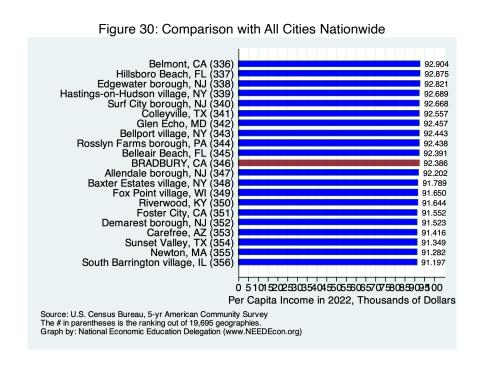


Real Per Capita Income Ranking Among California Cities - w/Comparable Populations



Real Per Capita Income Ranking Among Cities in Los Angeles County





Poverty and Inequality

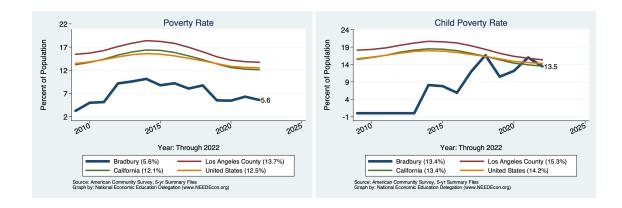
Definition:

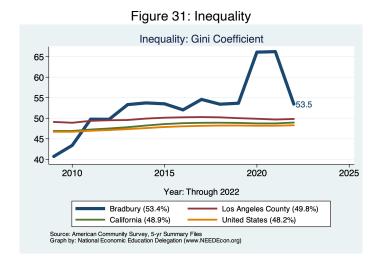
The local poverty rate provides an indication of the well-being of those at the bottom of the income distribution. The federal poverty rate measures the proportion of households in the region that are classified as living in poverty. Also included are measures of the extent to which the City's children are impoverished. Measures of the income distribution provide

further evidence on disparities in income in the region and how those disparities have changed over time.

Why is it important?

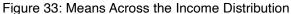
It is important to track measures of poverty and inequality to assess the extent of income disparities in the region, with an eye toward understanding how well the local economy is performing for all of its citizens.

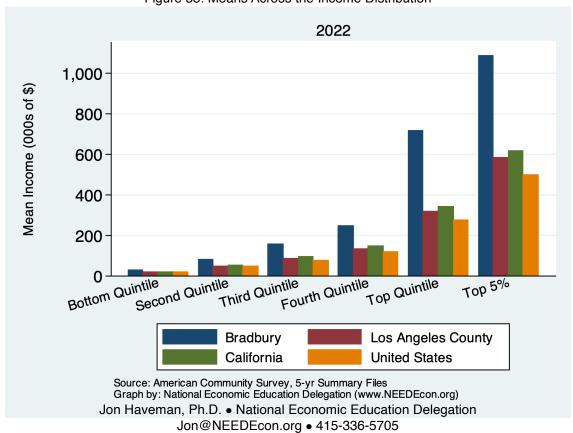




2022 60 Percent of All Income 40 20 Bottom Quintile Second Quintile Third Quintile Fourth Quintile Top Quintile Top 5% Bradbury Los Angeles County California **United States** Source: American Community Survey, 5-yr Summary Files Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 32: Shares Across the Income Distribution





Housing

Housing Costs and Affordability

Definition:

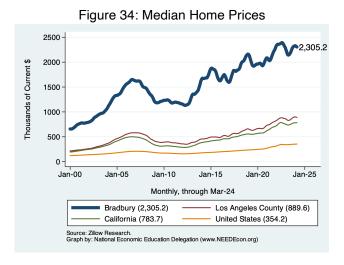
Housing costs are measured in several different ways. First, we provide evidence on the evolution of median home prices, median rental price, and finally through evidence on the housing burden in the city and comparison regions. Housing burden is defined as a household needing to commit more than 30% of their household income toward housing costs. The median value is the amount in the middle. Fifty

percent of units are above the median and 50 percent are below.

Why is it important?

Housing is one of three fundamental necessities, along with food and clothing. A measure of the cost of housing is an integral part of the measurement of the cost of living in a specific community. This is particularly true in cities and regions throughout the Bay Area, where housing costs are high relative to income.

Cost of Housing in Bradbury and Broader Regions



Rents in Primary Bradbury Zip Codes

3
2.9
2.5
Monthly, through Mar-24

91010 (\$2.9)
United States (\$2)

Source: Zillow Research.
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 35: Median Rents

Housing Ownership in Bradbury and Broader Regions

Figure 36: Home Ownership Rates

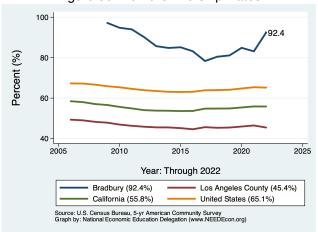


Figure 37: Home Ownership by Age

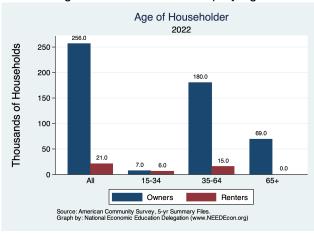


Figure 38: Income by Tenure

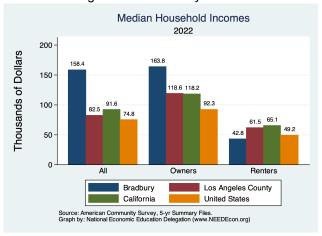


Figure 39: Income Distribution by Tenure

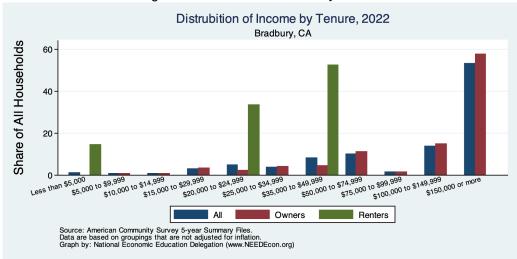


Figure 40: Income Distribution of Home Owners

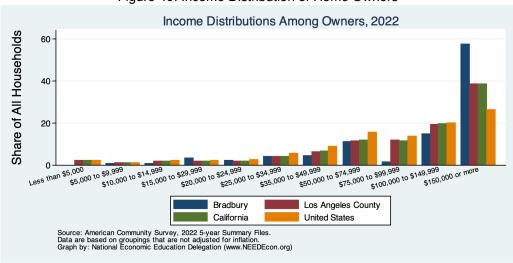
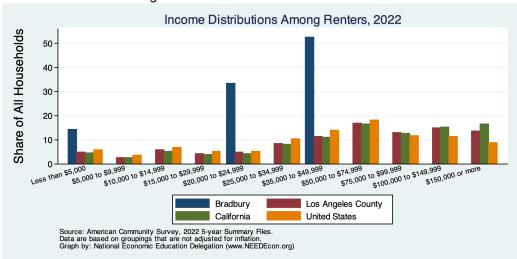


Figure 41: Income Distribution of Renters



Housing Burden in Bradbury and Broader Regions

Figure 42: Home Owners w/ A Mortgage

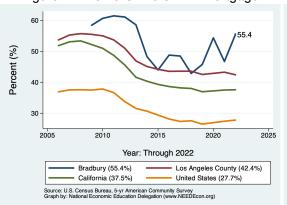


Figure 43: Home Owners w/o A Mortgage

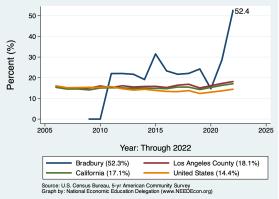


Figure 44: Renters

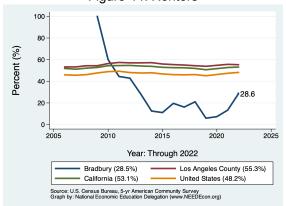
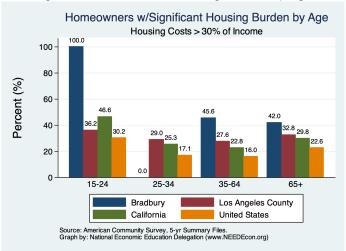


Figure 45: Homeowner Housing Burden by Age



Housing Picture

Definition:

Housing costs are measured in several different ways. First, we provide evidence on the evolution of median home prices, median rental price, and finally through evidence on the housing burden in the city and comparison regions. The median value is the amount in the middle. Fifty percent of units are above the median and 50 percent are below.

Why is it important?

In areas where the rate of population growth exceeds the rate of housing growth, this is likely to reflect a tightening housing market. A tightening housing market will also likely be reflected in lower vacancy rates and higher occupancy rates. It may also be reflected in higher numbers of people per household.

Table 5. Housing Market Indicators

				%	Change from
Indicator	2023	2019	2010	2019	2010
Total Population	889.0	1,056.0	1,048.0	-15.8	-15.2
Total # of Homes	361.0	408.0	400.0	-11.5	-9.8
# Occupied Units	309.0	355.0	354.0	-13.0	-12.7
Persons per Household	2.9	3.0	3.0	-3.3	-2.8
Vacancy Rate (%)	14.4	13.0	11.5	10.9	25.3

Source: CA DOF; Calculations by the National Economic Education Delegation

Figure 46: Housing Growth

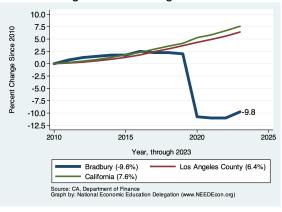


Figure 47: Persons per Household

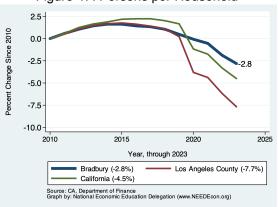
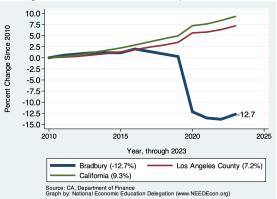


Figure 48: Vacancy Rates



Figure 49: Number of Occupanied Units



Trends in the Growth of Housing by Housing Type

Figure 50: Single Detached Homes Figure 51: Single Attached Homes 7.5 10.0-7.5 5.0 Percent Change Since 2010 Percent Change Since 2010 5.0 2.5 2.5 0.0 0.0 -2.5 -2.5 -5.0 -5.0 -7.5 -7.5 -10.0 -10.0 -12.5 -12.5 -15.0 2010 2015 2020 2025 2010 2015 2020 Year, through 2023 Year, through 2023

Los Angeles County (2.4%)

Bradbury (-9.9%)

California (5.8%)

-Source: CA, Department of Finance Graph by: National Economic Education Delegation (www.NEEDEcon.org)

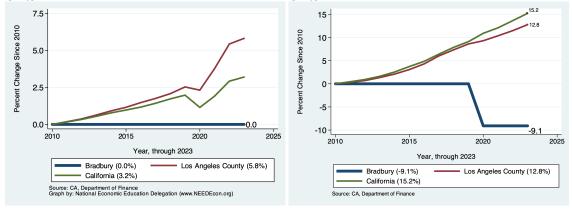
Figure 52: Housing in Buildings with Two to Four Figure 53: Housing in Buildings with Five or More Units

Bradbury (0.0%)

California (9.3%)

Source: CA, Department of Finance Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Los Angeles County (7.9%)



Vintage of Residential Housing

Why is it important?

This section provides evidence on the year in which residential housing in Bradbury was built. We break it down into owned versus rented residences and provide a comparison across Los Angeles County and broader regions. A sense of the age of housing in a region provides an indication of the urgency with which a region might pursue additional hous-

ing. As the housing stock ages, an urgency with which renovations and rebuilds are permitted might result. All things equal, more recently constructed housing will be more likely to meet current codes and standards. Remodeling of existing units will be more desirable when existing units are, on average, older.

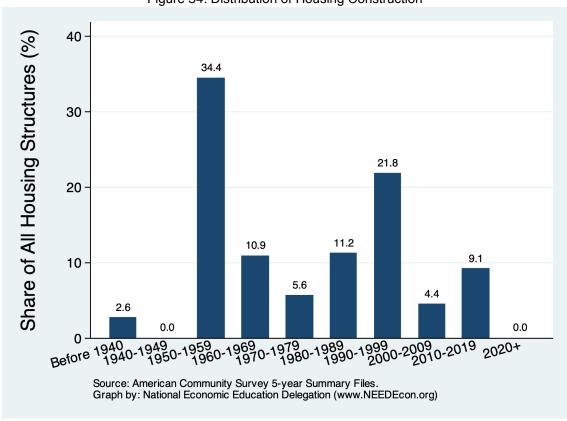


Figure 54: Distribution of Housing Construction

Figure 55: Housing Vintage across Regions

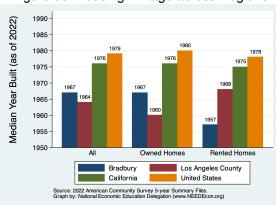


Figure 56: Housing Vintage by Tenure

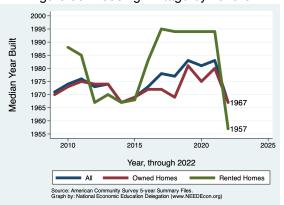


Figure 57: Vintage of Owned Residences

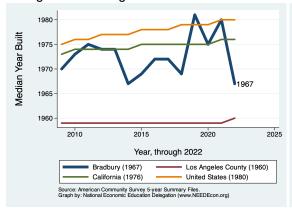


Figure 58: Vintage of Rented Residences

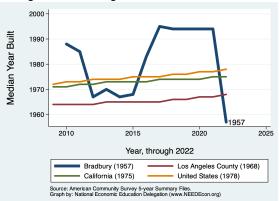
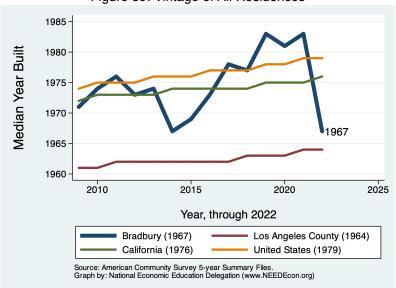


Figure 59: Vintage of All Residences



Occupation of Residential Housing

Why is it important?

The duration of residence in a city is important for developing future policies regarding growing the local population. If a region is highly mobile, evidenced by most residences having been recently occupied, a city might propose policies to reduce that mobility, or ask why the mobility happens. Policies could be put in place to either reduce or increase migration.

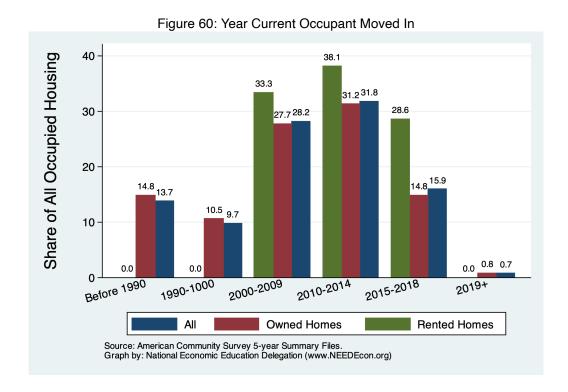


Figure 61: Year Occupied by Current Residents Figure 62: Year Occupied by Current Residents across Regions by Tenure

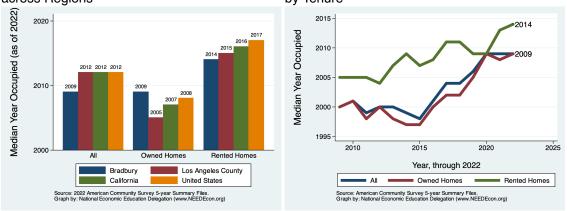


Figure 63: Year Occupied by Current Residents Figure 64: Year Occupied by Current Residents for Owned Housing for Rented Housing

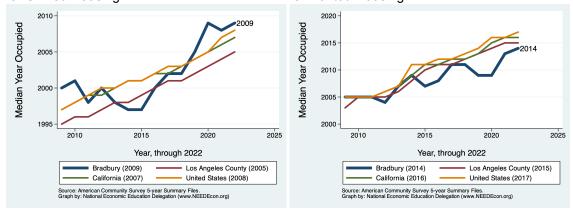


Figure 65: Year Occupied by Current Residents for All Housing 2015 Median Year Occupied 2010 2009 2005 2000 1995 2020 2010 2015 2025 Year, through 2022 Los Angeles County (2012) Bradbury (2009) United States (2012) California (2012) Source: American Community Survey 5-year Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Residential Permitting

Definition:

This indicator provides evidence on the number of residential buildings that are permitted for construction each year. Permit data for Bradbury is compared with data from Los Angeles County as a whole and broader regions. The statistic provided scales the number of permits by population. This is done to facilitate comparisons across regions.

Why is it important?

Building permits are the best indicator available of new units coming on the market. In order for a region's population to grow and flourish, new residential properties must be added to the existing stock. Building, both in the City and in the County more generally, is an indication of the extent to which new residences accommodate new residents or are affecting prices through increased supply.

Bradbury - Ranking Among Comparables

Figure 66: Number of Units Permitted - Nationwide Comparables (Rank)

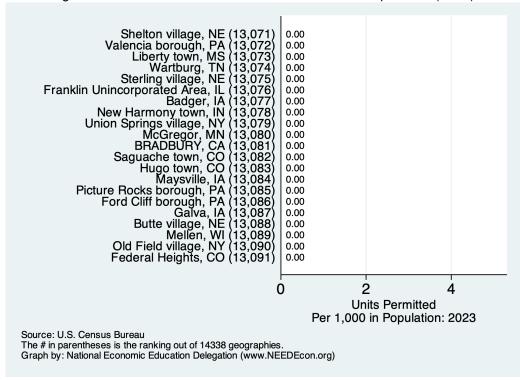
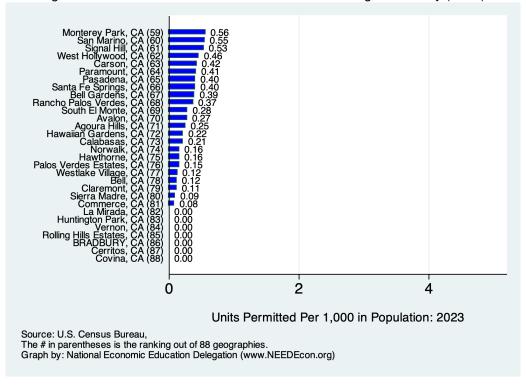


Figure 67: Number of Units Permitted - California Comparables (Rank) Paradise town, CA (1) Laguna Woods, CA (493) Rio Dell, CA (494) 86.39 0.00 0.00 La Palma, CA 0.00 Vernon, CA 0.00 Belvedere, CA 0.00 Livingston, CA 0.00 Yountville, CA 0.00 La Mirada, CA 0.00 Portola, CA BRADBURY, CA 0.00 0.00 Dunsmuir, CA 0.00 Coalinga, CA 0.00 Ukiah, CA Covina, CA 0.00 0.00 Crescent City, CA
Del Rey Oaks, CA
Mendocino Unincorporated Area, CA 0.00 0.00 0.00 Inyo Unincorporated Area, CA San Juan Bautista, CA 0.00 0.00 Willits, CA (515) 0.00 10 20 30 40 50 60 70 80 90 **Units Permitted** Per 1,000 in Population: 2023 Source: U.S. Census Bureau. The # in parentheses is the ranking out of 515 geographies. Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 68: Number of Units Permitted - Cities in Los Angeles County (Rank)



Bradbury - Permitting Activity

Annual Units Permitted - Per Capita in Bradbury

Figure 69: Units Permitted Each Year

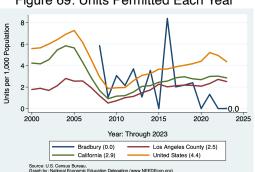
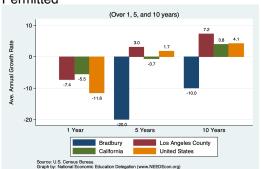


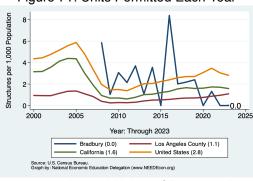
Figure 70: Average Annual Growth in Units Permitted

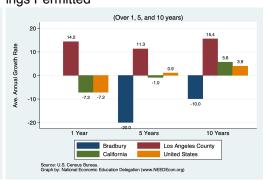


Annual Number of Buildings Permitted - Per Capita in Bradbury

Figure 72: Average Annual Growth in Buildings Permitted

Figure 71: Units Permitted Each Year





Annual Value of Property Permitted - Per Capita in Bradbury

Figure 73: Value Permitted Each Year



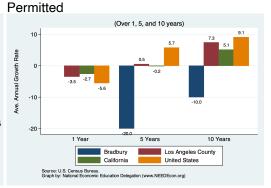


Figure 74: Average Annual Growth in Value

Commute Patterns

During the recovery from the Great Recession, the period from 2010 to 2019, the Bay Area economy, and Silicon Valley in particular, has been growing at a pace roughly double that of the state as a whole and triple that of the nation. This growth has precipitated a tight hous-

ing market and also brought about some significant changes in commute patterns, many of which have been reversed by the pandemic. Recent years have seen significant changes in both the mode of transportation and commute times.

Mode of Transportation

Figure 75: Percent of Workers Commuting by Figure 76: Percent of Workers Commuting by Car Alone Carpool

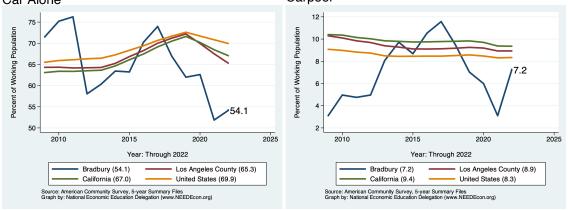
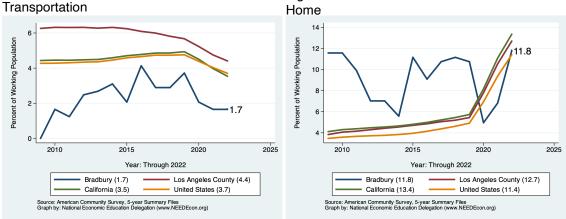


Figure 77: Percent of Workers using Public Figure 78: Percent of Workers Who Work From



The first table on this page presents data for those who LIVE in Bradbury. The second provides data on those who work, but do not necessarily live in Bradbury. The final two columns provide for a comparison of commute mode choices of people locally with those in California more broadly.

Table 6. SEX OF WORKERS BY MODE OF TRANSPORTATION TO WORK

	M	lale	Fe	male	All W	orkers	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	187	69.3	110	44.7	297	61.4	78.0
Drove Alone	163	60.4	99	40.2	262	54.1	68.4
Carpooled:	24	8.9	11	4.5	35	7.2	9.5
In 2-person carpool	22	8.1	11	4.5	33	6.8	6.9
In 3-person carpool	2	0.7	0	0.0	2	0.4	1.5
In 4-or-more-person carpool	0	0.0	0	0.0	0	0.0	1.1
Public Transportation (excl Taxi):	2	0.7	6	2.4	8	1.7	3.6
Bus or Trolley Bus	2	0.7	6	2.4	8	1.7	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	0	0.0	0	0.0	0	0.0	0.3
Railroad	0	0.0	0	0.0	0	0.0	0.2
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	2	0.7	0	0.0	2	0.4	0.7
Walked	0	0.0	0	0.0	0	0.0	2.4
Taxicab, Motorcycle, or other	1	0.4	1	0.4	2	0.4	1.7
Worked at Home	27	10.0	30	12.2	57	11.8	13.6
Total:	219	81.1	147	59.8	366	75.6	

Source: 2022 5-year American Community Survey, Summary File

Table 7. SEX OF WORKERS BY MODE OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY

	N	lale	Fe	male	All V	Vorkers	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)

NA

The results in this table are for those who work in the region, regardless of the location of their residence.

Commute Times for Employed Residents

Table 8. SEX OF WORKERS BY TRAVEL TIME TO WORK

	М	ale	Fer	nale	All W	orkers	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Less than 5 minutes	4	1.6	0	0.0	4	0.9	2.0
5 to 9 minutes	9	3.6	0	0.0	9	2.1	7.5
10 to 14 minutes	17	6.9	18	8.3	35	8.1	12.2
15 to 19 minutes	33	13.4	46	21.1	79	18.3	15.0
20 to 24 minutes	35	14.2	7	3.2	42	9.7	14.3
25 to 29 minutes	10	4.0	1	0.5	11	2.5	6.3
30 to 34 minutes	34	13.8	3	1.4	37	8.6	15.0
35 to 39 minutes	4	1.6	2	0.9	6	1.4	2.9
40 to 44 minutes	7	2.8	9	4.1	16	3.7	4.3
45 to 59 minutes	28	11.3	6	2.8	34	7.9	8.6
60 to 89 minutes	8	3.2	19	8.7	27	6.2	7.9
90 or more minutes	3	1.2	6	2.8	9	2.1	4.0
Total:	192	77.7	117	53.7	309	71.5	

Source: 2022 5-year American Community Survey, Summary File

Figure 79: Percent of Employed Population With Figure 80: Percent of Employed Population With Commutes of More than 30 Minutes

Commutes of More than 90 Minutes

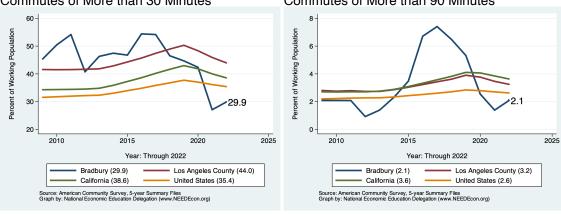
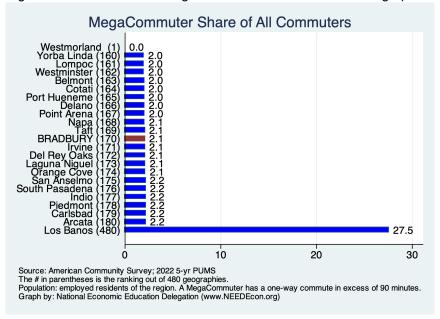


Figure 81: Rank: Share of MegaCommuters Across Similar Geographies



Commute Times for Those Employed in the City

Table 9. SEX OF WORKERS BY TRAVEL TIME TO WORK FOR WORKPLACE GEOGRAPHY

	M	lale	Fe	Female All Workers		Vorkers	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)

 \ldots . The results in this table are for those who work in the region, regardless of the location of their residence.

Figure 82: Percent of Local Employees With Figure 83: Percent of Local Employees With Commutes of More than 30 Minutes Commutes of More than 90 Minutes



Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



Place of Work

This section provides evidence on where workers living in Bradbury work. As evidenced in the first table, some of Bradbury's employed workers work in the City, but many do not. The first table and graph pair provide evidence at the county level while the second provide evidence with regard to working outside of the Bradbury city boundary.

Table 10. SEX OF WORKERS BY PLACE OF WORK-STATE AND COUNTY LEVEL

	Male		Female		All Workers		All of CA
Place of Work	#	(%)	#	(%)	#	(%)	(%)
Worked in state of residence:	219	81.1	147	59.8	366	75.6	99.6
Worked in county of residence	201	74.4	134	54.5	335	69.2	84.1
worked outside of county of residence	18	6.7	13	5.3	31	6.4	15.4
Worked outside state of residence	0	0.0	0	0.0	0	0.0	0.4
Total:	219	81.1	147	59.8	366	75.6	

Source: 2022 5-year American Community Survey, Summary File

Figure 85: Percent of Workers Employed Outside of Their County of Residence

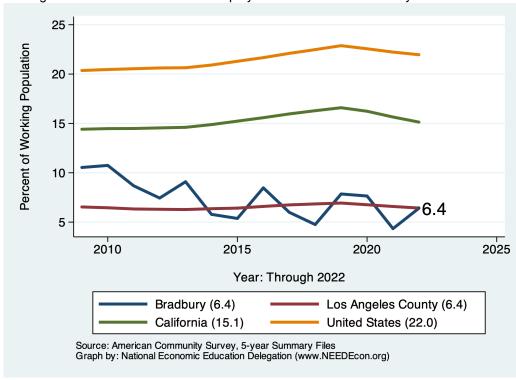
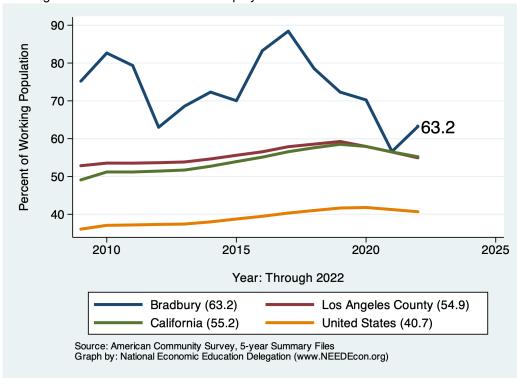


Table 11. SEX OF WORKERS BY PLACE OF WORK-PLACE LEVEL

	Male		Fei	male	All W	orkers	All of CA	
Place of Work	#	(%)	#	(%)	#	(%)	(%)	
Living in a place:	219	81.1	147	59.8	366	75.6	95.9	
Worked in place of residence	28	10.4	32	13.0	60	12.4	39.5	
Worked outside place of residence	191	70.7	115	46.7	306	63.2	56.4	
Not living in a place	0	0.0	0	0.0	0	0.0	4.1	
Total:	219	81.1	147	59.8	366	75.6		

Source: 2022 5-year American Community Survey, Summary File

Figure 86: Percent of Workers Employed Outside of Their Place of Residence



Commute Mode by Income

Table 12. MEDIAN EARNINGS IN THE PAST 12 MONTHS BY MEANS OF TRANSPORTATION TO WORK

	City	California		United Sta	tes
	Median	Median	Ratio	Median	Ratio
Car, truck, or van - drove alone	78, 750	48, 566	114.3	46, 171	113.7
Car, truck, or van - carpooled	25,781	36,463	49.8	34,487	49.8
Public transportation (excluding taxicab)		40,179		45,100	
Walked		29,366		27,142	
Taxicab, motorcycle, bicycle, or other means		40,433		36,140	
Worked from home	125,938	75, 153	118.1	67,180	124.9
Total:	69, 167	48,747	141.9	46,099	150.0

Source: 2022 5-year American Community Survey, Summary File

Notes: 1) Ratio = the ratio of the regional median to either the CA or US median, relative to the Total ratio. Values above 100 imply a high local median. Values below 100 imply a low local median. For example, a value of 200 means that the local mean is 2x higher than would be expected. For "Total:", ratio is simply the ratio of the medians.

Table 13. MODE OF TRANSPORTATION TO WORK BY WORKERS' EARNINGS

	< \$2	25,000	\$25,0	00-\$74,999	\$75	,000+		All	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	62	50.8	38	31.7	134	60.9	262	54.1	68.4
Car, Truck, or Van: Carpooled	15	12.3	2	1.7	10	4.5	35	7.2	9.5
Public Transportation (excl Taxi)	0	0.0	2	1.7	0	0.0	8	1.7	3.6
Walked	0	0.0	0	0.0	0	0.0	0	0.0	2.4
Taxicab, Motorcycle, or other	0	0.0	1	0.8	1	0.5	4	0.8	2.4
Worked at Home	18	14.8	3	2.5	36	16.4	57	11.8	13.6
Total:	95	77.9	46	38.3	181	82.3	366	75.6	100.0

Source: 2022 5-year American Community Survey, Summary File

Table 14. MODE OF TRANSPORTATION TO WORK BY WORKERS' EARNINGS FOR WORKPLACE GEOGRAPHY

	< \$2	5,000	\$25,0	00-\$74,999	\$75	+000,	,	ΑII	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)

NA

The results in this table are for those who work in the region, regardless of the location of their residence.

²⁾ For regions with more than one geography, the medians are averages weighted by working population.

Commute Mode by Poverty Status

Table 15. MODE OF TRANSPORTATION TO WORK BY POVERTY STATUS

	In P	overty	100-	149% of Pov	>150%	6 of Pov		All	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	4	19.0	0	0.0	258	55.7	262	54.1	68.7
Car, Truck, or Van: Carpooled	0	0.0	0	0.0	35	7.6	35	7.2	9.5
Public Transportation (excl Taxi)	0	0.0	0	0.0	8	1.7	8	1.7	3.6
Walked	0	0.0	0	0.0	0	0.0	0	0.0	2.1
Taxicab, Motorcycle, or other	0	0.0	0	0.0	4	0.9	4	0.8	2.4
Worked at Home	8	38.1	0	0.0	49	10.6	57	11.8	13.6
Total:	12	57.1	0	0.0	354	76.5	366	75.6	

Source: 2022 5-year American Community Survey, Summary File

Table 16. MODE OF TRANSPORTATION TO WORK BY POVERTY STATUS FOR WORKPLACE GEOGRAPHY

	In P	overty	100-1	49% of Pov	>150	% of Pov		All	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)

NΑ

The results in this table are for those who work in the region, regardless of the location of their residence.

Migration

Overall Migration Flows

Definition:

The United States is a country with an increasingly mobile population. People move, migrate, from one place to another with increasing frequency.

Why is it important?

Having a handle on whether or not Bradbury is a net recipient (migration inflows) or donor (migration outflows) of population is very important for understanding trends in the City's development. This section outlines migration patterns by age, education, income, marital status, and housing tenure. Understanding recent trends is very important for making policy, investment, and other decisions about the future. Also, understanding the extent to which the population is stable, or experiences significant turnover each year is helpful for planning purposes.

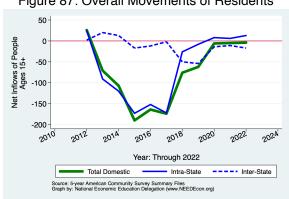


Figure 87: Overall Movements of Residents

Table 17: Migration by Income

		Ne	et Inflows			
			Sam			
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
No income	122	15	13	0	0	2
With income	561	-15	-3	3	-17	2
\$1 to \$9,999 or loss	40	-2	8	0	-10	0
\$10,000 to \$14,999	14	-16	-19	3	0	0
\$15,000 to \$24,999	106	0	-2	0	2	0
\$25,000 to \$34,999	68	2	2	0	0	0
\$35,000 to \$49,999	45	0	0	0	0	0
\$50,000 to \$64,999	35	0	0	0	0	0
\$65,000 to \$74,999	8	0	0	0	0	0
\$75,000 or more	245	1	8	0	-9	2
All:	683	0	10	3	-17	4

Source: 2022 5-year American Community Survey, Summary File

Note: The data in this and other tables in this section are limited in that there is no information on the City's population that has moved abroad.

The "From Abroad" column is gross movements into the City from abroad.

Figure 88: Overall Movements of Low Income Residents

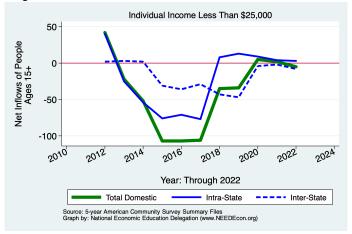


Figure 89: Overall Movements of Middle Income Residents

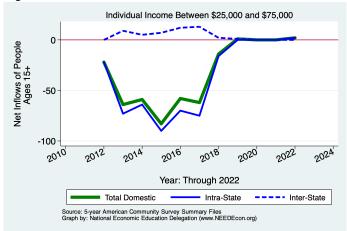
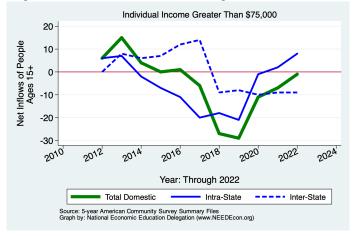


Figure 90: Overall Movements of High Income Residents



Demographics of Migration Flows

Table 18: Migration by Marital Status

		Ne	Net Inflows								
			Same State								
			W/in	Between	Across	From					
Category	Population	All Migration	County	Counties	States	Abroad					
Never married	139	14	19	3	-8	0					
Now married, except separated	453	-10	-14	0	0	4					
Divorced	50	3	3	0	0	0					
Separated	5	2	2	0	0	0					
Widowed	36	-9	0	0	-9	0					
Total:	683	0	10	3	-17	4					

Source: 2022 5-year American Community Survey, Summary File

Table 19: Migration by Tenure

Net Inflows							
	Same State					-	
			W/in	Between	Across	From	
Category	Population	All Migration	County	Counties	States	Abroad	
Householder lived in owner-occupied housing units	725	21	37	3	-23	4	
Householder lived in renter-occupied housing units	42	0	0	0	0	0	
Total:	767	21	37	3	-23	4	

Source: 2022 5-year American Community Survey, Summary File

Figure 91: Domestic Movements of Residents by Tenure

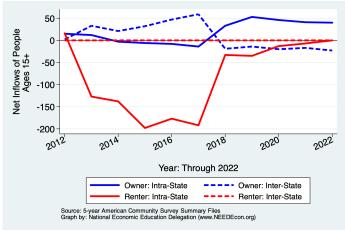


Table 20: Migration by Age

		Ne	Net Inflows								
			Sam	e State		•					
			W/in	Between	Across	From					
Category	Population	All Migration	County	Counties	States	Abroad					
1 to 4 years	28	0	0	0	0	0					
5 to 17 years	62	0	6	0	-6	0					
18 and 19 years	24	7	7	0	0	0					
20 to 24 years	39	-5	2	3	-10	0					
25 to 29 years	28	4	2	0	2	0					
30 to 34 years	36	0	0	0	0	0					
35 to 39 years	47	0	0	0	0	0					
40 to 44 years	30	2	2	0	0	0					
45 to 49 years	19	8	6	0	0	2					
50 to 54 years	105	5	3	0	0	2					
55 to 59 years	111	5	5	0	0	0					
60 to 64 years	94	-7	2	0	-9	0					
65 to 69 years	30	0	0	0	0	0					
70 to 74 years	34	2	2	0	0	0					
75 years and over	80	-21	-21	0	0	0					
Total Population:	767	0	16	3	-23	4					

Source: 2022 5-year American Community Survey, Summary File

Table 21: Migration by Educational Attainment

		Ne	Net Inflows							
			•							
			W/in	Between	Across	From				
Category	Population	All Migration	County	Counties	States	Abroad				
Less than high school graduate	53	0	0	0	0	0				
High school graduate (includes equiv)	72	0	0	0	0	0				
Some college or assoc. degree	166	12	12	0	0	0				
Bachelor's degree	166	8	2	0	2	4				
Graduate or professional degree	157	-22	-13	0	-9	0				
Total:	614	-2	1	0	-7	4				

Source: 2022 5-year American Community Survey, Summary File

Table 22: Median Income of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago	51,667	51,667
Total Population:	51, 250	46, 250

Source: 2022 5-year American Community Survey, Summary File

Table 23: Median Age of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago Moved Within Same County	53.5 43.8	53.5 95.4
Total Population:	53.0	53.7

Source: 2022 5-year American Community Survey, Summary File

References and Sources

The majority of the data presented in this report are from the American Community Survey (ACS). For larger geographies, the 1-year Summary Files provide the data. For smaller communities, roughly those with less than 65,000 in population in 2021, the 5-year Summary Files provide the data.

The ACS data are supplemented by building permit data from the U.S. Census Bureau, population and housing data from the California Department of Finance, and home price and rental rates from Zillow.

U.S. Census Bureau. American Community Survey 1-year and 5-year Summary Files. https://www.census.gov/programs-surveys/acs/data/data-via-ftp.html. The 1-year data are released in September each year and the 5-year data are relased in January.

Zillow Research Data https://www.zillow.com/research/data/

U.S. Census Bureau. Building Permits Data, updated annually in February. https://www.census.gov/construction/bps/current.html

State of California, Department of Finance, E-5 Population and Housing Estimates for Cities, Counties and the State — January 1. Sacramento, California, May. https://dof.ca.gov/forecasting/demographics/estimates/

State of California, Department of Finance, E-2. California County Population Estimates and Components of Change by Year, July 1, 2010-2021. Sacramento, California, December. https://dof.ca.gov/forecasting/demographics/

State of California, Department of Finance, E-1 Population Estimates for Cities, Counties and the State with Annual Percent Change — January 1. Sacramento, California, May. https://dof.ca.gov/forecasting/demographics/