La Habra, California

Indicators Report

by
The National Economic Education Delegation (NEED)

April 20, 2024

Exploring the economics, demographics, and well-being of La Habra 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 La Habra (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 La Habra. These indicators are compared to Orange 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 La Habra 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 La Habra 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 La Habra, 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 La Habra, but do
 not necessarily live in La Habra.
- **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.

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Demographics

Definition:

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.

Why is it important?

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

A Demographic Snapshot

Statistic	2022	2019
POPULATION		
Population Estimate (#, 5yr)	62,904.0	60,594.0
Veterans (#, 5yr)	2,018.0	1,858.0
Foreign born persons (%, 5yr)	24.6	28.8
Population age 25+ (#, 5yr)	43,169.0	40,453.0
AGE AND SEX		
Persons under 5 years (%, 5yr)	5.6	6.8
Persons under 18 years (%, 5yr)	21.9	23.6
Persons 65 years and over (%, 5yr)	14.1	12.7
Female persons (%, 5yr)	49.6	51.1
INCOME AND POVERTY		
Median household income (\$, 5yr)	93,801.0	79,325.0
Per capita income in past 12 months (\$, 5yr)	37,527.0	30,422.0
Persons in poverty (%, 5yr)	9.8	11.9
Children age less than 18 in poverty (#, 5yr)	1,648.0	2,592.0
Children age less than 18 in poverty (%, 5yr)	12.2	18.6
RACE AND ETHNICITY		
White alone (%, 5yr)	44.8	56.4
African American alone (%, 5yr)	2.0	1.4
American Indian or Alaska Native alone (%, 5yr)	1.0	0.7
Asian alone (%, 5yr)	12.1	12.2
Native Hawaiian and Other Pacific Islander alone (%, 5yr)	0.1	0.0
Two or More Races (%, 5yr)	17.0	4.3
Hispanic or Latino (%, 5yr)	59.7	59.7
White alone, not Hispanic or Latino (%, 5yr)	24.7	25.5
HOUSING		
Housing units (#, 5yr)	20,766.0	19,025.0
Owner-occupied housing units (%, 5yr)	57.0	57.9
Median value of owner-occupied housing units (\$, 5yr)	680,100.0	539,200.0
Median selected monthly owner costs-with a mortgage (\$, 5yr)	2,798.0	2,297.0
Median selected monthly owner costs-without a mortgage (\$, 5yr)	701.0	569.0
Median gross rent (\$, 5yr)	1,876.0	1,569.0
FAMILIES AND LIVING ARRANGEMENTS		
Households (#, 5yr)	20,188.0	18,416.0
Persons per household (#, 5yr)	3.1	3.3
Living in same house 1 year ago, % of persons age 1+ (5yr) EDUCATION	88.8	85.2
High school graduate or higher, % of persons age 25+ (5yr)	85.5	82.8
Bachelor's degree or higher, % of persons age 25+ (5yr)	28.7	28.5
HEALTH		
With a disability, under age 65 years (#, 5yr)	3,746.0	3,200.0
Persons without health insurance, under age 65 years (%, 5yr)	8.1	9.2
LABOR FORCE		
In civilian labor force, persons age 16+ (%, 5yr)	68.3	68.3
In civilian labor force, women age 16+ (%, 5yr)	62.4	62.4
Employed, persons age 16+ (%, 5yr)	61.0	60.8
Self employed (%, 5yr)	8.9	9.0
TRANSPORTATION		
Mean travel time to work, workers age 16+ (Mins., 5yr)	26.7	29.6
Drive alone in private vehicle (%, 5yr)	74.6	81.1
Using public transportation (%, 5yr)	2.9	2.6
Worked from home (%, 5yr)	9.9	3.3

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	ange
Region	Population	1 Year	3 Year	5 Year
	(City		
La Habra	61,835	-0.33	-2.58	-1.16
	County and B	roader Re	egions	
Orange County	3, 137, 164	-0.47	-1.36	-2.37
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

Table 2. County Population Change by City

(Thousands, January to January)

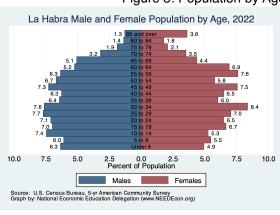
				% Change	
City	2022	2023	Local	Southern California	California
Orange County	3,151.9	3,137.2	-0.47	-0.41	-0.35
Anaheim	335.9	328.6	-2.19		
Irvine	305.7	303.1	-0.86		
Santa Ana	304.3	299.6	-1.52		
Huntington Beach	196.5	195.7	-0.38		
Garden Grove	171.2	171.2	-0.01		
Fullerton	143.0	142.9	-0.10		
Orange	138.2	139.1	0.66		
Costa Mesa	111.6	111.2	-0.42		
Mission Viejo	92.1	91.8	-0.30		
Westminster	90.7	90.5	-0.18		
Lake Forest	86.6	87.1	0.59		
Buena Park	83.4	83.5	0.19		
Newport Beach	83.7	83.4	-0.29		
Tustin	79.7	79.6	-0.17		
Yorba Linda	67.3	67.1	-0.32		
Laguna Niguel	65.0	64.7	-0.47		
San Clemente	63.4	63.2	-0.31		
La Habra	62.0	61.8	-0.33		
Fountain Valley	57.0	57.0	0.02		
Placentia	51.3	52.5	2.30		
Aliso Viejo	51.0	50.8	-0.49		
Cypress	49.9	49.8	-0.12		
Brea	46.9	48.2	2.63		
Rancho Santa Margarita	47.3	47.1	-0.49		
Stanton	39.0	39.1	0.25		
San Juan Capistrano	34.9	35.1	0.63		
Dana Point	33.0	33.2	0.44		
Laguna Hills	30.7	30.5	-0.46		
Seal Beach	24.9	24.6	-0.90		
Laguna Beach	22.5	22.4	-0.27		
Laguna Woods	17.5	17.4	-0.49		
La Palma	15.4	15.3	-0.45		
Los Alamitos	11.9	12.1	1.98		
Villa Park	5.8	5.8	-0.02		

Source: CA DOF; Calculations by National Economic Education Delegation

Figure 1: Population Growth (1) 5 Percent Change from 2010 0 -10 -20 1990 2000 2010 2020 2030 Year, through 2023 La Habra (2.7%) Orange County (4.3%) California (4.6%) Source: CA, Department of Finance Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 2: Population Growth (2) (Over 1, 5 and 32 years, through 2023) Annual Growth Rate (%), to 2023 1.5 1.0 0.5 0.0 -0.31 -0.29 -0.5 -0.35 32 Years 1 Year 5 Years La Habra Orange County California Source: U.S. Bureau of Economic Analysis Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 3: Population by Age - Detailed Age Categories



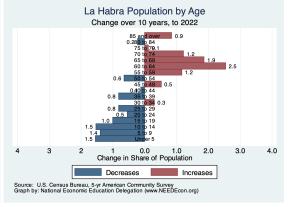
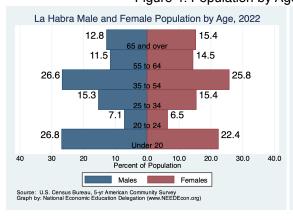


Figure 4: Population by Age - Broad Age Categories



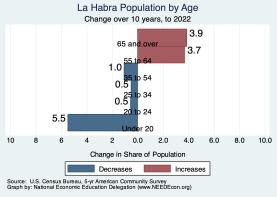
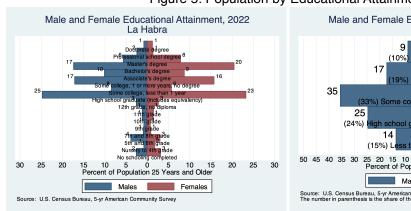


Figure 5: Population by Educational Attainment



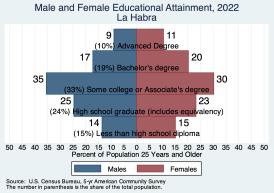


Figure 6: Population by Race/Ethnicity

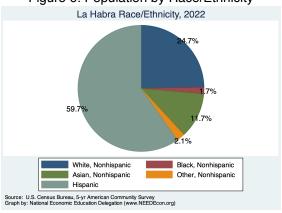
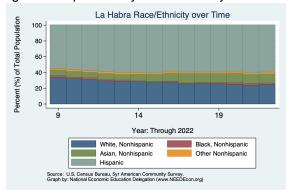


Figure 7: Population by Race/Ethnicity Over Time



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?

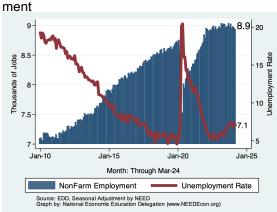
Employment growth is a fundamental indicator of the health of an economy.

Table 3. La Habra 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



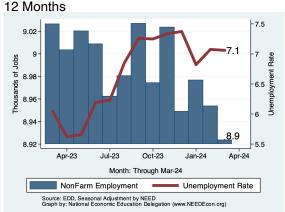
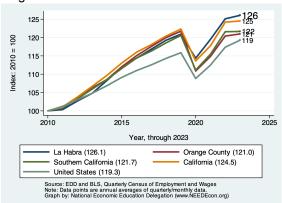
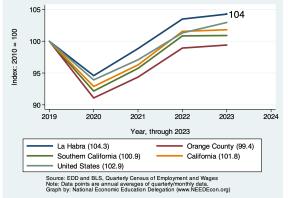


Figure 10: Relative Employment Growth Across Figure 11: Relative Employment Growth Across Regions - since 2010 Regions - since 2019





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 Orange County. The following table provides the latest data for the County.

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

			Empl	% Growth - Annualized Rate					
Industry	Employment	Share	Growth	Month	Qtr	6mo	1yr	3yr	5yr
Total Nonfarm	1,704,677	100.0	6,550.8	4.7	3.1	2.4	1.9	3.3	0.4
Total Private	1,541,986	90.5	6,278.0	5.0	3.2	2.5	1.8	3.4	0.5
Goods Producing	261,488	15.3	411.3	1.9	-1.9	-0.0	0.3	1.5	-0.4
Mining, Logging and Construction	106,369	6.2	1,018.8	12.2	-3.2	2.3	2.6	1.4	0.0
Mining and Logging	300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.0
Construction	105,995	6.2	919.4	11.0	-3.6	2.1	2.6	1.4	0.0
Manufacturing	155, 148	9.1	-444.4	-3.4	-1.1	-1.9	-1.2	1.5	-0.7
Durable Goods	116,767	6.8	-95.6	-1.0	1.2	-1.6	-0.9	1.8	-0.4
Non-Durable Goods	38,408	2.3	-327.6	-9.7	-5.8	-2.8	-1.8	0.6	-1.6
Service Providing	1,443,479	84.7	6,591.2	5.6	4.4	2.5	2.1	3.7	0.6
Trade, Trans & Utilities	262,337	15.4	562.6	2.6	0.5	0.2	0.0	1.5	0.1
Wholesale Trade	80,836	4.7	167.7	2.5	-0.7	-1.0	-0.1	1.5	-0.1
Retail Trade	146,647	8.6	369.0	3.1	0.1	1.1	0.5	0.8	-0.6
Trans & Warehousing	31,588	1.9	171.6	6.8	5.2	-1.8	-1.9	4.8	3.9
Information	21,685	1.3	55.2	3.1	-2.3	-4.7	-5.7	-2.6	-3.5
Financial Activities	103,389	6.1	-89.2	-1.0	0.9	-0.7	-0.8	-4.0	-2.2
Finance & Insurance	61,918	3.6	42.0	0.8	-0.0	-2.3	-2.9	-7.2	-3.9
Real Estate & Rental & Leasing	41,527	2.4	-109.4	-3.1	2.1	2.7	2.5	2.6	0.9
Professional & Business Srvcs	324,490	19.0	1,362.8	5.2	5.4	2.5	1.0	0.1	-0.1
Prof, Sci, & Tech	141,484	8.3	78.9	0.7	2.5	2.6	1.5	2.4	1.5
Admin & Support Srvcs	139,656	8.2	1,147.2	10.4	10.0	2.6	0.1	-2.3	-1.5
Employment Srvcs	63,712	3.7	840.6	17.3	14.1	2.2	-1.8	-7.3	-3.4
Educational & Health Srvcs	274,719	16.1	1,424.2	6.4	5.3	5.3	6.0	5.9	3.8
Education Srvcs	39,649	2.3	-189.7	-5.6	-1.1	1.9	3.9	11.9	5.4
Health Care & Social Assistance	234, 185	13.7	1,519.1	8.1	5.0	4.8	6.4	4.9	3.5
Leisure & Hospitality	234,608	13.8	2,031.9	11.0	4.3	3.1	3.1	18.2	0.7
Arts, Entertainment & Recreation	59,924	3.5	1,760.9	43.0	21.0	14.5	10.3	65.4	2.2
Accommodation & Food Srvcs	174,745	10.3	281.9	2.0	-0.7	0.5	0.9	11.1	0.2
Other Srvcs	56,860	3.3	193.3	4.2	4.1	3.8	4.0	8.7	2.1
Government	163,068	9.6	280.7	2.1	2.3	1.6	2.7	2.3	0.0
Federal	10,850	0.6	53.4	6.1	7.3	2.8	1.9	-0.9	-0.4
State	33,620	2.0	33.4	1.2	2.3	0.6	2.0	0.1	0.7
Local	118,731	7.0	304.5	3.1	2.6	1.4	3.0	3.3	-0.1
County	18,417	1.1	66.4	4.4	-6.8	-3.0	-1.7	0.7	-0.8
City	16,631	1.0	-49.0	-3.5	6.9	4.5	5.7	6.1	0.6
Local Government Education	75,924	4.5	261.8	4.2	3.5	1.5	3.4	3.5	-0.2

Source: EDD, National Economic Education Delegation (NEED)

Some Employee Detail

Employed in La Habra

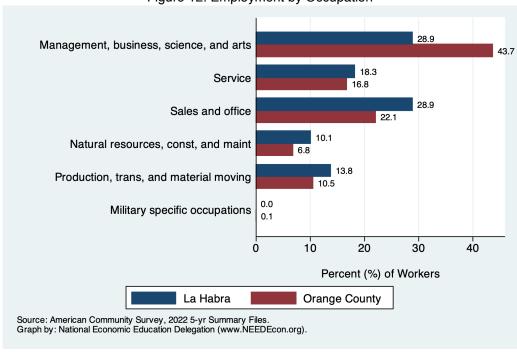
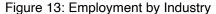


Figure 12: Employment by Occupation



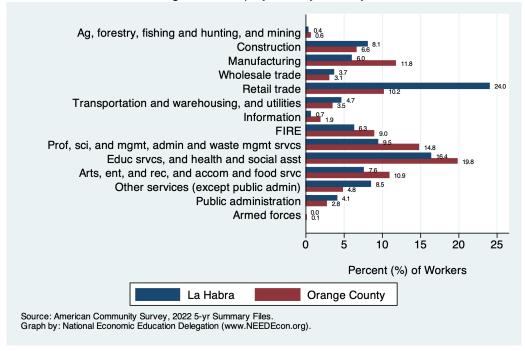
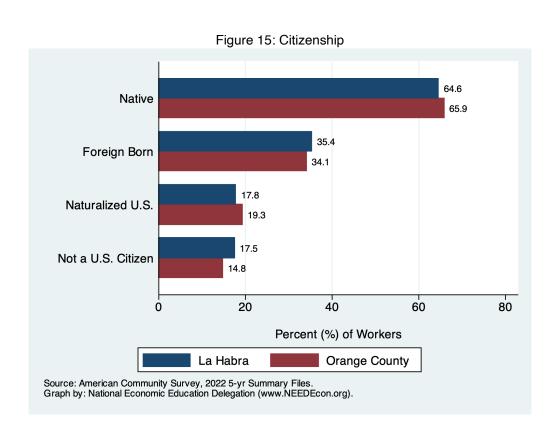


Figure 14: Language Spoken at Home 46.6 Speak only English 40.7 Speak Spanish (SS) SS - English very well SS - English less than very well 10.5 Speak other languages (SOL) 18.8 SOL - English very well SOL - English less than very well 6.9 10 20 30 40 50 Percent (%) of Workers La Habra **Orange County** Source: American Community Survey, 2022 5-yr Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org).



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

Employed Residents of La Habra

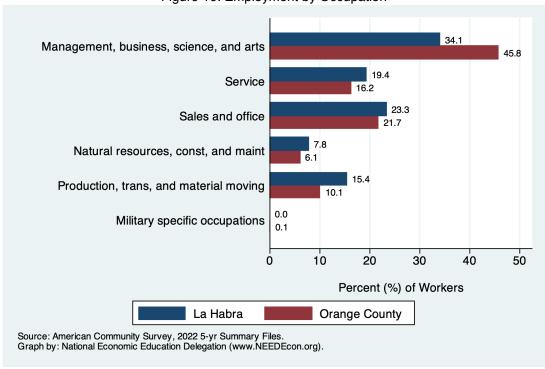
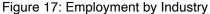
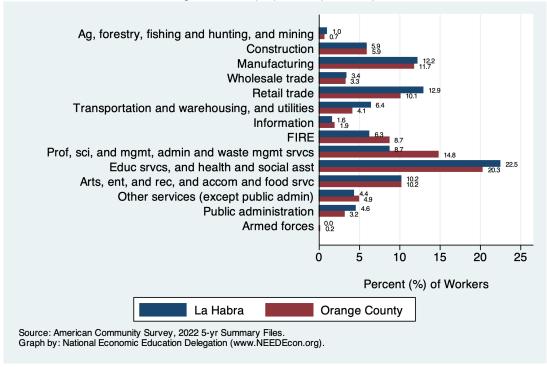


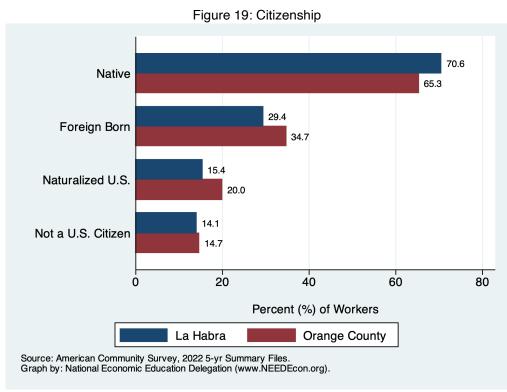
Figure 16: Employment by Occupation





51.8 Speak only English 38.0 Speak Spanish (SS) 24.0 SS - English very well SS - English less than very well Speak other languages (SOL) 20.6 SOL - English very well 13.0 SOL - English less than very well 7.6 20 40 60 Percent (%) of Workers La Habra **Orange 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



Employed Residents vs Workers in La Habra

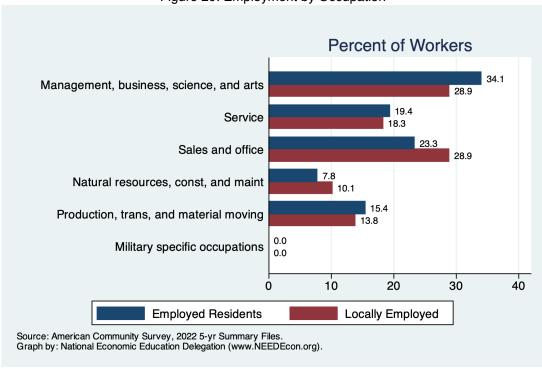
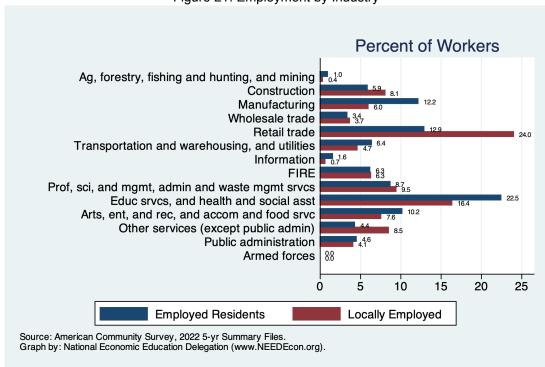


Figure 20: Employment by Occupation

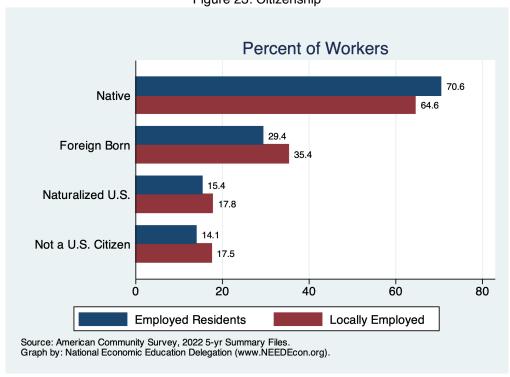




Percent of Workers 51.8 Speak only English 38.0 40.7 Speak Spanish (SS) SS - English very well 14.0 SS - English less than very well Speak other languages (SOL) 12.7 SOL - English very well 8.4 4.4 SOL - English less than very well 10 20 30 40 50 **Employed Residents** Locally Employed Source: American Community Survey, 2022 5-yr Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 22: Language Spoken at Home





Income and Earnings

Per Capita Income Growth

Definition:

Per capita income is the average income per person in La Habra. 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.

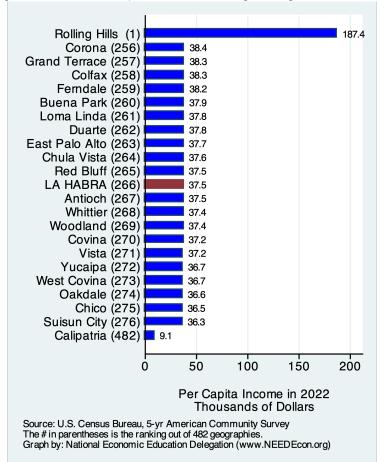
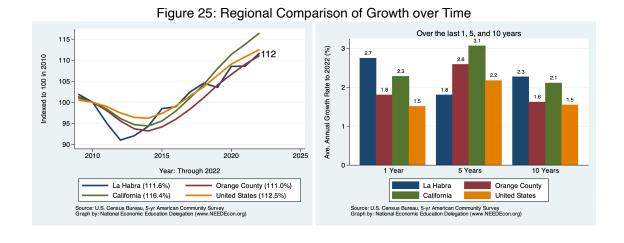
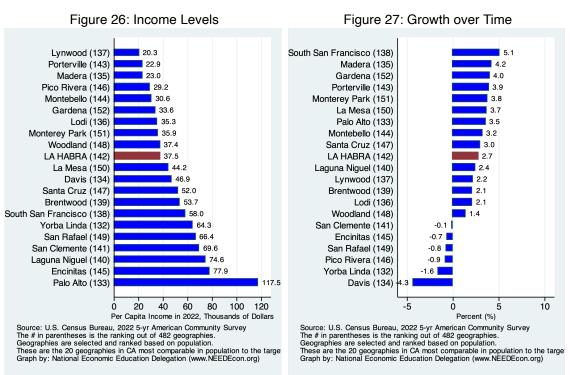


Figure 24: Real Per Capita Income Ranking Among California Cities



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



Real Per Capita Income Ranking Among Cities in Orange County



Figure 29: Growth over Time

4.3 3.5 3.3 3.0 2.8 2.7 2.7 2.7 2.6 2.5 2.4

Ò 5 10

Percent (%)

15

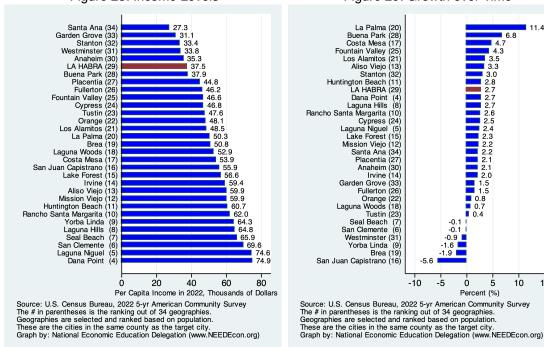
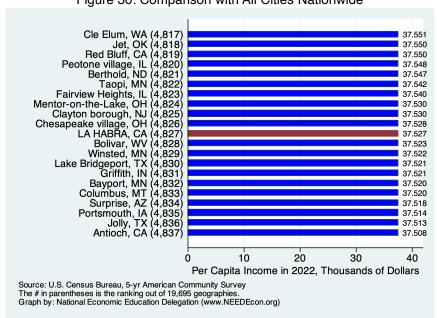


Figure 30: Comparison with All Cities Nationwide



Poverty and Inequality

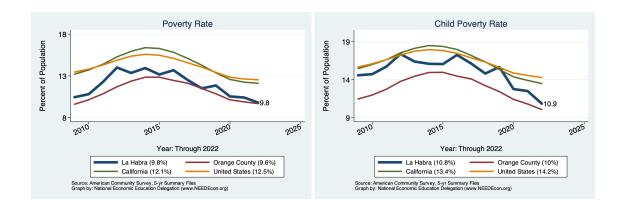
Definition:

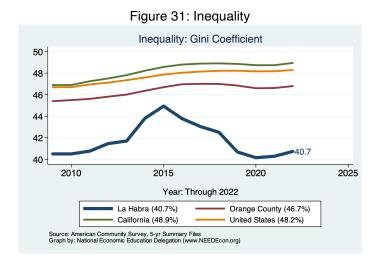
The local poverty rate provides an indication of the well-being of those at the bottom of the income distribution. The federal poverty rate measures the proportion of households in the region that are classified as living in poverty. Also included are measures of the extent to which the City's children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

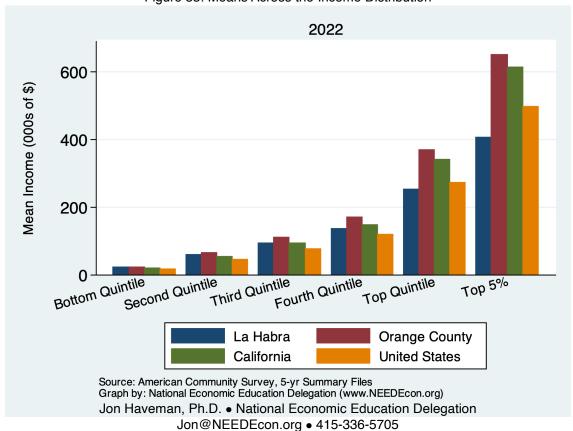




2022 50 Percent of All Income 40 30 20 10 0 Second Quintile Third Quintile Bottom Quintile Fourth Quintile Top Quintile Top 5% **Orange County** La Habra California **United States** Source: American Community Survey, 5-yr Summary Files Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 32: Shares Across the Income Distribution





Housing

Housing Costs and Affordability

Definition:

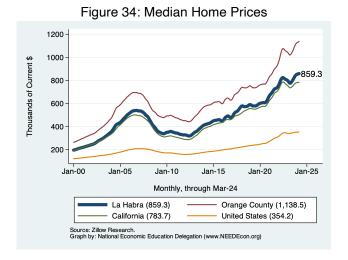
Housing costs are measured in several different ways. First, we provide evidence on the evolution of median home prices, median rental price, and finally through evidence on the housing burden in the city and comparison regions. Housing burden is defined as a household needing to commit more than 30%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

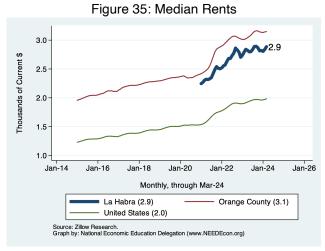
percent of units are above the median and 50 percent are below.

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 La Habra and Broader Regions





Housing Ownership in La Habra and Broader Regions

Figure 36: Home Ownership Rates

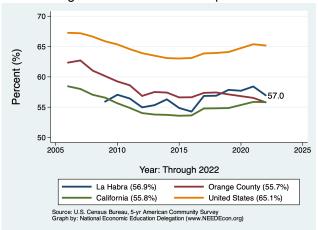


Figure 37: Home Ownership by Age

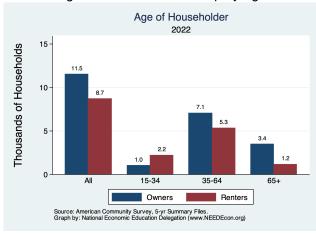


Figure 38: Income by Tenure

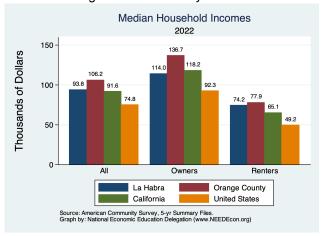


Figure 39: Income Distribution by Tenure

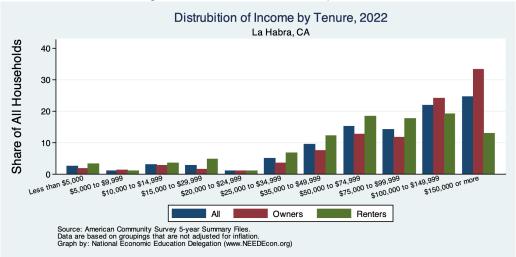


Figure 40: Income Distribution of Home Owners

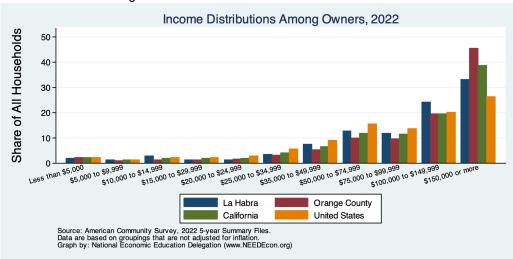
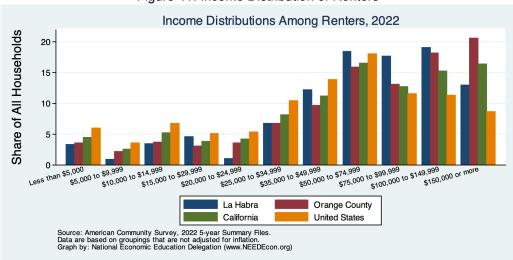


Figure 41: Income Distribution of Renters



Housing Burden in La Habra and Broader Regions

Figure 42: Home Owners w/ A Mortgage

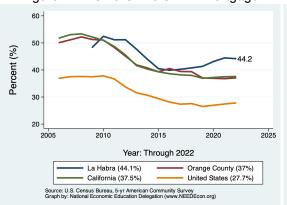


Figure 43: Home Owners w/o A Mortgage

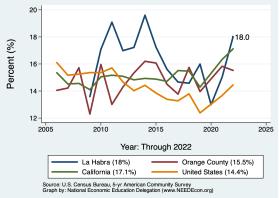


Figure 44: Renters

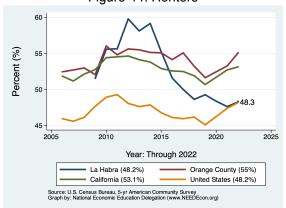
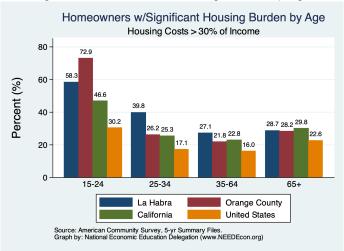


Figure 45: Homeowner Housing Burden by Age



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	61,835.0	63,319.0	60,223.0	-2.3	2.7		
Total # of Homes	20,849.0	20,710.0	19,918.0	0.7	4.7		
# Occupied Units	20,286.0	19,871.0	18,971.0	2.1	6.9		
Persons per Household	3.0	3.2	3.2	-4.4	-4.0		
Vacancy Rate (%)	2.7	4.1	4.8	-33.3	-43.2		

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

Figure 46: Housing Growth

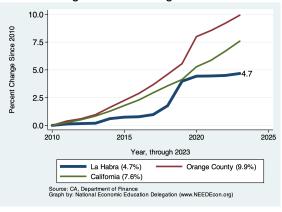


Figure 47: Persons per Household

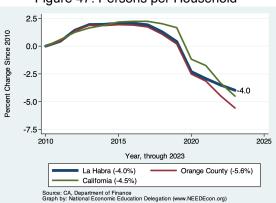


Figure 48: Vacancy Rates

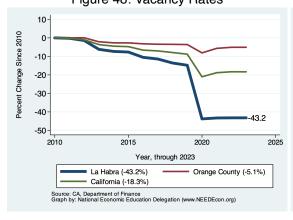
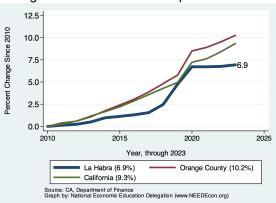


Figure 49: Number of Occupanied Units



Trends in the Growth of Housing by Housing Type

Year, through 2023

Orange County (7.0%)

La Habra (6.2%)

California (5.8%)

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

Figure 51: Single Attached Homes

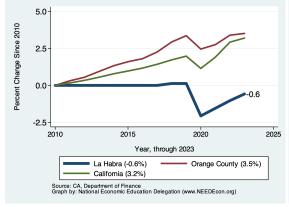
15.0
12.5
10.0
7.5
5.0
2010
2015
2020
2025

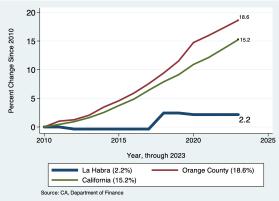
Year, through 2023

La Habra (13.5%)
California (9.3%)
California (9.3%)

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





Vintage of Residential Housing

Why is it important?

This section provides evidence on the year in which residential housing in La Habra was built. We break it down into owned versus rented residences and provide a comparison across Orange 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 housing. 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.

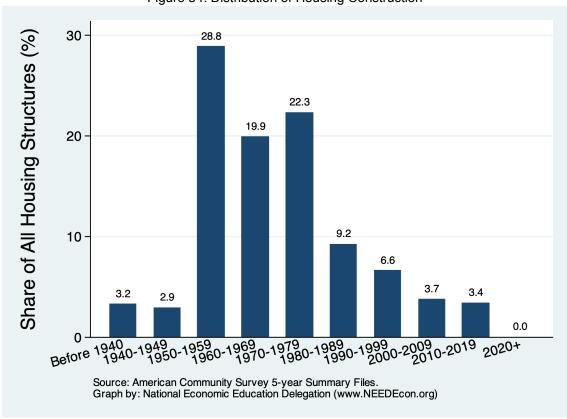


Figure 54: Distribution of Housing Construction

Figure 55: Housing Vintage across Regions

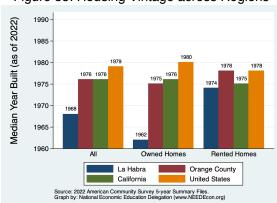


Figure 56: Housing Vintage by Tenure

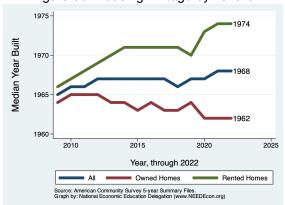


Figure 57: Vintage of Owned Residences

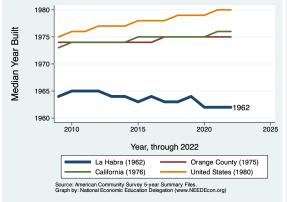


Figure 58: Vintage of Rented Residences

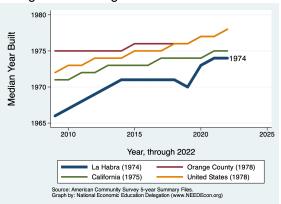
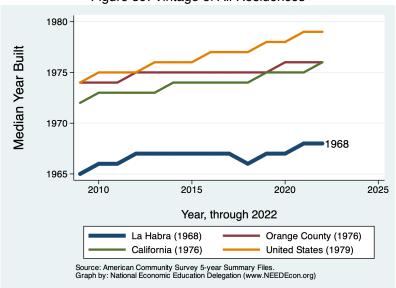


Figure 59: Vintage of All Residences



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.

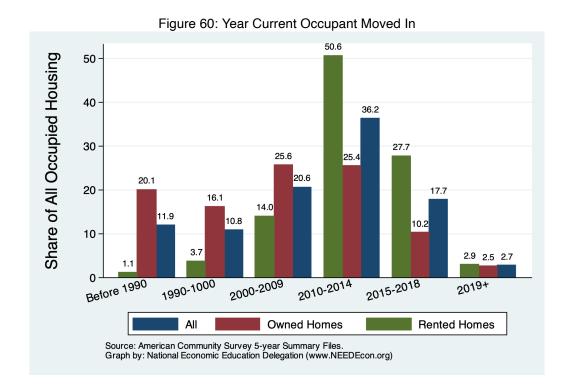


Figure 61: Year Occupied by Current Residents Figure 62: Year Occupied by Current Residents across Regions by Tenure

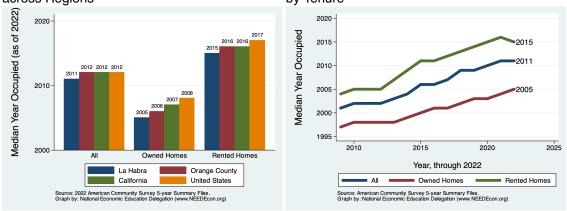


Figure 63: Year Occupied by Current Residents Figure 64: Year Occupied by Current Residents for Owned Housing for Rented Housing

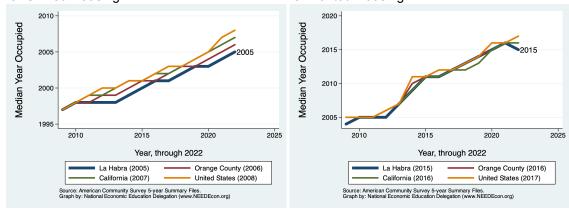


Figure 65: Year Occupied by Current Residents for All Housing 2015 Median Year Occupied 2010 2005 2000 2015 2020 2010 2025 Year, through 2022 Orange County (2012) La Habra (2011) United States (2012) California (2012) Source: American Community Survey 5-year Summary Files. Graph by: National Economic 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 La Habra is compared with data from Orange 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.

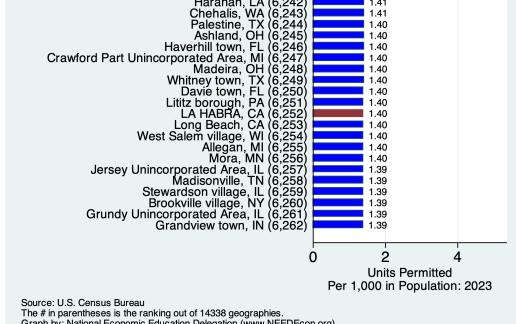
Why is it important?

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.

La Habra - Ranking Among Comparables



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

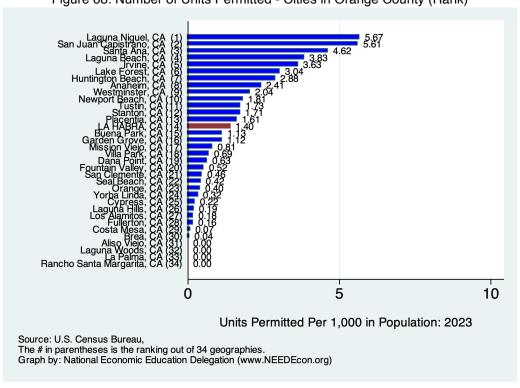


Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Paradise town, CA 86.39 Tracy, CA 1.46 Napa, 1.45 Tulare Unincorporated Area, CA 1.44 Pico Rivera, CA Walnut, CA 1.43 South San Francisco, San Ramon, Downey, Newark, LA HABRA, 1.40 Long Beach, Hermosa Beach, CA Porterville, 1.37 San Buenaventura, 1.36 Irwindale, CA 1.36 Tuolumne Unincorporated Area, ated Area, CA Lawndale, CA 1.35 1.35 Healdsburg, CA (281 Watsonville, CA (282 1.34 1.34 Rio Dell, 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 67: Number of Units Permitted - California Comparables (Rank)





La Habra - Permitting Activity

Annual Units Permitted - Per Capita in La Habra

Figure 69: Units Permitted Each Year

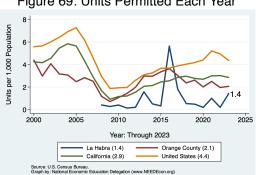
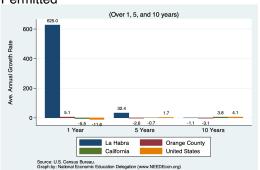


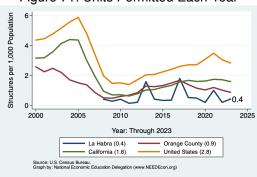
Figure 70: Average Annual Growth in Units Permitted

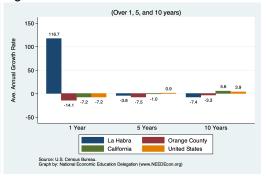


Annual Number of Buildings Permitted - Per Capita in La Habra

Figure 72: Average Annual Growth in Buildings Permitted

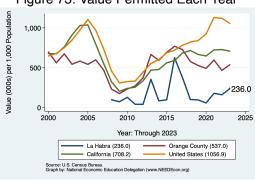
Figure 71: Units Permitted Each Year





Annual Value of Property Permitted - Per Capita in La Habra

Figure 73: Value Permitted Each Year



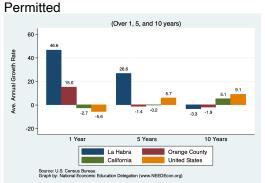


Figure 74: Average Annual Growth in Value

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

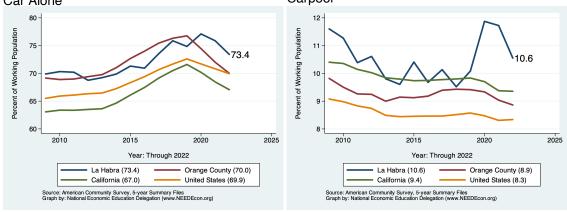
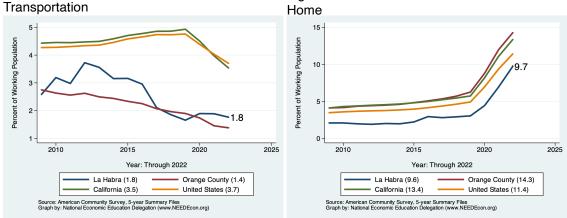


Figure 77: Percent of Workers using Public Figure 78: Percent of Workers Who Work From



The first table on this page presents data for those who LIVE in La Habra. The second provides data on those who work, but do not necessarily live in La Habra. 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

	Male		Fem	ale	All Wo	All of CA	
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	14, 156	84.3	12,302	83.3	26, 458	84.0	78.0
Drove Alone	12,407	73.9	10,726	72.6	23, 133	73.4	68.4
Carpooled:	1,749	10.4	1,576	10.7	3,325	10.6	9.5
In 2-person carpool	1,332	7.9	1,205	8.2	2,537	8.1	6.9
In 3-person carpool	214	1.3	160	1.1	374	1.2	1.5
In 4-or-more-person carpool	203	1.2	211	1.4	414	1.3	1.1
Public Transportation (excl Taxi):	332	2.0	224	1.5	556	1.8	3.6
Bus or Trolley Bus	307	1.8	169	1.1	476	1.5	2.3
Streetcar or Trolley Car	22	0.1	16	0.1	38	0.1	0.8
Subway or Elevated	0	0.0	19	0.1	19	0.1	0.3
Railroad	3	0.0	0	0.0	3	0.0	0.2
Ferryboat	0	0.0	20	0.1	20	0.1	0.1
Bicycle	104	0.6	20	0.1	124	0.4	0.7
Walked	306	1.8	233	1.6	539	1.7	2.4
Taxicab, Motorcycle, or other	224	1.3	237	1.6	461	1.5	1.7
Worked at Home	1,663	9.9	1,403	9.5	3,066	9.7	13.6
Total:	16,785	100.0	14, 419	97.6	31, 204	99.0	

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

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

					A II 147		AU (O
		ale	Ferr			orkers	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	8,473	79.8	5,782	74.8	14,255	78.2	78.0
Drove Alone	7,115	67.0	4,803	62.1	11,918	65.4	68.5
Carpooled:	1,358	12.8	979	12.7	2,337	12.8	9.5
In 2-person carpool	931	8.8	745	9.6	1,676	9.2	6.9
In 3-person carpool	283	2.7	136	1.8	419	2.3	1.5
In 4-or-more-person carpool	144	1.4	98	1.3	242	1.3	1.1
Public Transportation (excl Taxi):	89	0.8	134	1.7	223	1.2	3.6
Bus or Trolley Bus	62	0.6	114	1.5	176	1.0	2.3
Streetcar or Trolley Car	27	0.3	0	0.0	27	0.1	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	20	0.3	20	0.1	0.1
Bicycle	39	0.4	20	0.3	59	0.3	0.7
Walked	216	2.0	122	1.6	338	1.9	2.4
Taxicab, Motorcycle, or other	143	1.3	137	1.8	280	1.5	1.7
Worked at Home	1,663	15.7	1,403	18.2	3,066	16.8	13.6
Total:	10,623	100.0	7,598	98.3	18, 221	100.0	

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

	Mal	е	Fem	ale	All Wo	rkers	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Less than 5 minutes	317	2.0	362	2.6	679	2.3	2.0
5 to 9 minutes	1,119	7.1	1,058	7.6	2,177	7.4	7.5
10 to 14 minutes	1,823	11.6	1,577	11.3	3,400	11.5	12.2
15 to 19 minutes	1,870	11.9	1,911	13.6	3,781	12.8	15.0
20 to 24 minutes	1,999	12.7	1,611	11.5	3,610	12.2	14.3
25 to 29 minutes	691	4.4	525	3.7	1,216	4.1	6.3
30 to 34 minutes	2,057	13.1	2,032	14.5	4,089	13.8	15.0
35 to 39 minutes	566	3.6	520	3.7	1,086	3.7	2.9
40 to 44 minutes	1,011	6.4	587	4.2	1,598	5.4	4.3
45 to 59 minutes	1,543	9.8	1,539	11.0	3,082	10.4	8.6
60 to 89 minutes	1,693	10.8	963	6.9	2,656	9.0	7.9
90 or more minutes	433	2.8	331	2.4	764	2.6	4.0
Total:	15,122	96.2	13,016	93.0	28, 138	95.0	•

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

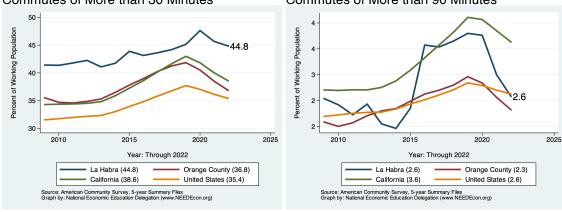
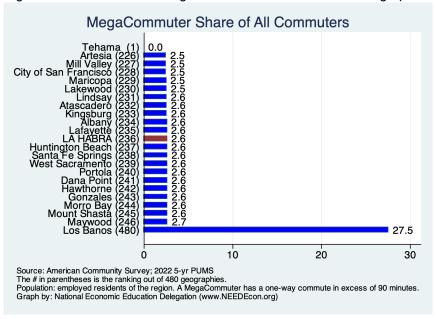


Figure 81: Rank: Share of MegaCommuters Across Similar Geographies



Commute Times for Those Employed in the City

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

WORK EASE GEOGRAFITI									
	M	Male		Female		All Workers			
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)		
Less than 5 minutes	199	2.2	222	3.0	421	2.7	2.0		
5 to 9 minutes	781	8.7	790	10.6	1,571	10.0	7.5		
10 to 14 minutes	1,417	15.8	1,046	14.1	2,463	15.7	12.2		
15 to 19 minutes	1,108	12.4	985	13.3	2,093	13.4	15.0		
20 to 24 minutes	1,093	12.2	791	10.6	1,884	12.0	14.3		
25 to 29 minutes	446	5.0	364	4.9	810	5.2	6.3		
30 to 34 minutes	1,445	16.1	739	9.9	2,184	13.9	15.0		
35 to 39 minutes	185	2.1	170	2.3	355	2.3	2.9		
40 to 44 minutes	389	4.3	280	3.8	669	4.3	4.3		
45 to 59 minutes	529	5.9	423	5.7	952	6.1	8.6		
60 to 89 minutes	759	8.5	243	3.3	1,002	6.4	7.9		
90 or more minutes	609	6.8	142	1.9	751	4.8	4.0		
Total:	8,960	100.0	6,195	83.4	15, 155	96.7			

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

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

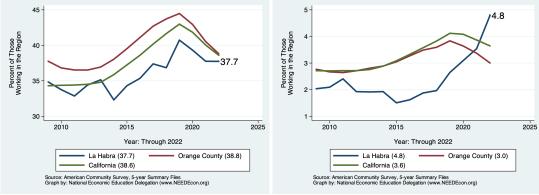
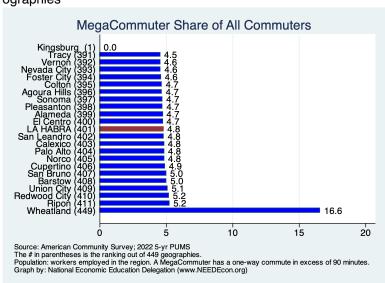


Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



Place of Work

This section provides evidence on where workers living in La Habra work. As evidenced in the first table, some of La Habra'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 La Habra city boundary.

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

	M	ale	Fem	ale	All Wo	All of CA	
Place of Work	#	(%)	#	(%)	#	(%)	(%)
Worked in state of residence:	16,742	99.7	14, 402	97.5	31, 144	98.8	99.6
Worked in county of residence	10,842	64.6	9,508	64.4	20,350	64.6	84.1
worked outside of county of residence	5,900	35.2	4,894	33.1	10,794	34.3	15.4
Worked outside state of residence	43	0.3	17	0.1	60	0.2	0.4
Total:	16,785	100.0	14, 419	97.6	31, 204	99.0	

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

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

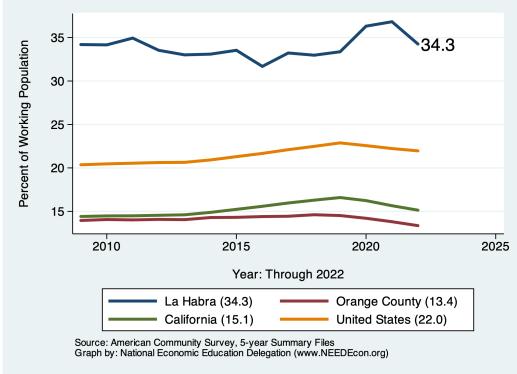
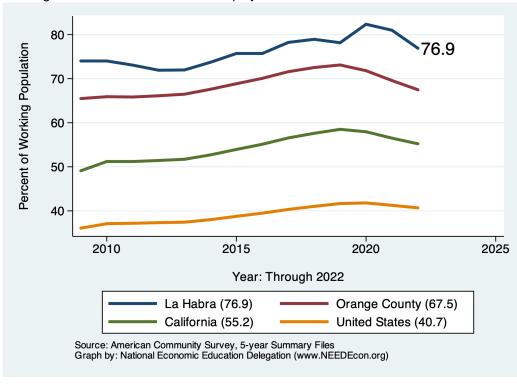


Table 11. SEX OF WORKERS BY PLACE OF WORK-PLACE LEVEL

	M	ale	Fem	ale	All Wo	rkers	All of CA
Place of Work	#	(%)	#	(%)	#	(%)	(%)
Living in a place:	16,785	100.0	14, 419	97.6	31, 204	99.0	95.9
Worked in place of residence	3,860	23.0	3,112	21.1	6,972	22.1	39.5
Worked outside place of residence	12,925	77.0	11,307	76.5	24,232	76.9	56.4
Not living in a place	0	0.0	0	0.0	0	0.0	4.1
Total:	16,785	100.0	14, 419	97.6	31, 204	99.0	

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	46, 511	48, 566	104.0	46, 171	103.4
Car, truck, or van - carpooled	37,181	36,463	110.7	34,487	110.7
Public transportation (excluding taxicab)	30,714	40,179	83.0	45,100	69.9
Walked	23,863	29,366	88.2	27,142	90.3
Taxicab, motorcycle, bicycle, or other means	25,799	40,433	69.3	36,140	73.3
Worked from home	59,063	75, 153	85.3	67,180	90.3
Total:	44,893	48,747	92.1	46,099	97.4

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

	< \$25	5,000	\$25,000-	\$74,999	\$75,0	000+	Al		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	5,374	45.9	8,637	78.0	5,982	74.5	23, 133	73.4	68.4
Car, Truck, or Van: Carpooled	1,234	10.5	1,002	9.1	739	9.2	3,325	10.6	9.5
Public Transportation (excl Taxi)	261	2.2	186	1.7	51	0.6	556	1.8	3.6
Walked	315	2.7	100	0.9	0	0.0	539	1.7	2.4
Taxicab, Motorcycle, or other	281	2.4	112	1.0	71	0.9	585	1.9	2.4
Worked at Home	582	5.0	1,033	9.3	1,183	14.7	3,066	9.7	13.6
Total:	8,047	68.8	11,070		8,026		31, 204	99.0	100.0

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

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

	< \$25,000		\$25,000-\$74,999		\$75,000+		Al		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	3,412	41.5	3,563	65.0	2,811	64.3	11,918	65.4	68.5
Car, Truck, or Van: Carpooled	1,051	12.8	587	10.7	342	7.8	2,337	12.8	9.5
Public Transportation (excl Taxi)	133	1.6	74	1.4	0	0.0	223	1.2	3.6
Walked	146	1.8	100	1.8	0	0.0	338	1.9	2.4
Taxicab, Motorcycle, or other	159	1.9	124	2.3	38	0.9	339	1.9	2.4
Worked at Home	582	7.1	1,033	18.8	1,183	27.0	3,066	16.8	13.6
Total:	5,483	66.6	5,481		4,374		18, 221		

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

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 Po	verty	100-149	% of Pov	>150%	of Pov	Al		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	838	44.2	1,118	38.9	21, 177	74.0	23, 133	73.4	68.7
Car, Truck, or Van: Carpooled	119	6.3	135	4.7	3,071	10.7	3,325	10.6	9.5
Public Transportation (excl Taxi)	70	3.7	0	0.0	486	1.7	556	1.8	3.6
Walked	94	5.0	24	0.8	421	1.5	539	1.7	2.1
Taxicab, Motorcycle, or other	68	3.6	21	0.7	496	1.7	585	1.9	2.4
Worked at Home	198	10.4	63	2.2	2,800	9.8	3,061	9.7	13.6
Total:	1,387	73.2	1,361	47.3	28,451	99.5	31, 199	99.0	

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

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

	In Po	verty	100-149	% of Pov	>150%	of Pov	Al		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	700	49.1	863	52.3	10,355	65.1	11,918	65.7	68.7
Car, Truck, or Van: Carpooled	114	8.0	127	7.7	2,014	12.7	2,255	12.4	9.5
Public Transportation (excl Taxi)	55	3.9	0	0.0	168	1.1	223	1.2	3.6
Walked	23	1.6	21	1.3	294	1.8	338	1.9	2.1
Taxicab, Motorcycle, or other	53	3.7	13	0.8	273	1.7	339	1.9	2.4
Worked at Home	198	13.9	63	3.8	2,800	17.6	3,061	16.9	13.6
Total:	1, 143	80.2	1,087	65.9	15,904		18, 134		

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

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 La Habra 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.

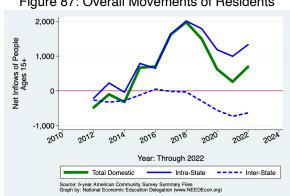


Figure 87: Overall Movements of Residents

Table 17: Migration by Income

			Sam	e State		-
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
No income	7,772	186	-64	147	-47	150
With income	43,957	792	-3	1,248	-587	134
\$1 to \$9,999 or loss	5,377	260	43	226	-85	76
\$10,000 to \$14,999	3,534	-105	-88	80	-97	0
\$15,000 to \$24,999	5,716	60	-35	139	-48	4
\$25,000 to \$34,999	5,193	315	86	224	-20	25
\$35,000 to \$49,999	6,828	305	4	375	-74	0
\$50,000 to \$64,999	5,331	-213	-34	-75	-112	8
\$65,000 to \$74,999	2,151	70	31	70	-31	0
\$75,000 or more	9,827	100	-10	209	-120	21
All:	51,729	978	-67	1,395	-634	284

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

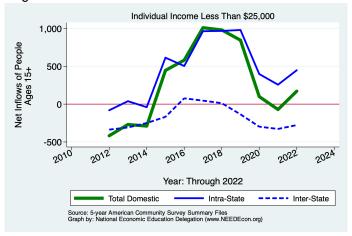


Figure 89: Overall Movements of Middle Income Residents

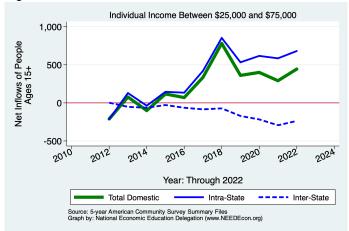
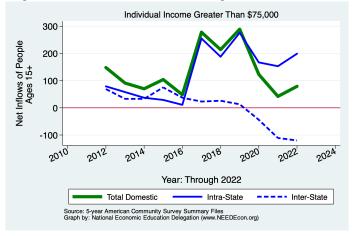


Figure 90: Overall Movements of High Income Residents



Demographics of Migration Flows

Table 18: Migration by Marital Status

		N	et Inflows			
			Sam	e State		-
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
Never married	18,216	72	-185	527	-362	92
Now married, except separated	24,804	737	164	563	-172	182
Divorced	5,233	55	-37	169	-77	0
Separated	770	7	-22	29	0	0
Widowed	2,706	107	13	107	-23	10
Total:	51,729	978	-67	1,395	-634	284

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

Table 19: Migration by Tenure

		N				
		Same State			_	
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
Householder lived in owner-occupied housing units	34,374	587	262	529	-276	72
Householder lived in renter-occupied housing units	27, 197	1,031	-160	1,278	-395	308
Total:	61,571	1,618	102	1,807	-671	380

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

Figure 91: Domestic Movements of Residents by Tenure 2,000

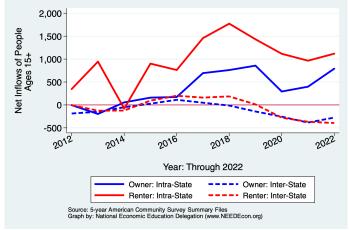


Table 20: Migration by Age

				e State		=
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
1 to 4 years	2,974	71	-41	63	0	49
5 to 17 years	10,256	493	149	376	-114	82
18 and 19 years	1,667	111	0	96	-39	54
20 to 24 years	4,269	-37	-99	180	-133	15
25 to 29 years	4,633	245	22	222	1	0
30 to 34 years	5,014	264	6	248	6	4
35 to 39 years	3,910	-36	60	-2	-115	21
40 to 44 years	4,006	47	-39	92	-29	23
45 to 49 years	4,655	20	20	108	-108	0
50 to 54 years	3,918	257	66	206	-15	0
55 to 59 years	4,373	10	12	53	-55	0
60 to 64 years	3,819	-66	24	-43	-47	0
65 to 69 years	2,963	151	-19	67	-23	126
70 to 74 years	2,109	35	-41	83	-7	0
75 years and over	3,769	-78	-127	90	-51	10
Total Population:	62,335	1,487	-7	1,839	-729	384

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

Table 21: Migration by Educational Attainment

		N	et Inflows			
			Samo	e State		-
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
Less than high school graduate	6,261	117	-11	162	-38	4
High school graduate (includes equiv)	10,351	350	55	375	-96	16
Some college or assoc. degree	14,184	108	108	181	-191	10
Bachelor's degree	8,158	-3	-148	106	-48	87
Graduate or professional degree	4,215	277	-20	300	-70	67
Total:	43, 169	849	-16	1,124	-443	184

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

Table 22: Median Income of Migration Flows

Table 22. Median moonie of migration	1 10113	
Flow	In-Migration	Out-Migration
Same House 1 Year Ago	39,884	39,884
Moved Within Same County	34,662	34,760
Moved to Different County, Same State	34,406	48,173
Moved Between States	14,023	30,417
Total Population:	39, 195	39,649

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	39.5	39.5
Moved Within Same County	30.4	30.8
Moved to Different County, Same State	28.5	29.2
Moved Between States	32.5	36.7
Moved from Abroad	24.5	
Total Population:	38.0	38.6
Course 0000 Funda American Community Course Community File		

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/