Hawthorne, California

Indicators Report

by
The National Economic Education Delegation (NEED)

April 20, 2024

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

This report was produced by the:

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Executive Summary

Assessing the City with Indicators

About this Report

This report provides background or summary information for the city of Hawthorne (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 Hawthorne. 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 Hawthorne 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 Hawthorne 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 Hawthorne, 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 Hawthorne, but do not necessarily live in Hawthorne.
- **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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Contents

Executive Summary **1**
Assessing the City with Indicators 1

Demographics **3**
A Demographic Snapshot 3
Current Population 5

Employment Report **9**
Citywide Employment and Unemployment 9
County Employment by Industry 10
Some Employee Detail 11

Income and Earnings **17**
Per Capita Personal Income Growth 17
Poverty and Inequality 20

Housing **22**
Housing Costs and Affordability 22
Housing Picture 26
Vintage of Residential Housing 28
Occupation of Residential Housing 30
Residential Permitting 32

Commute Patterns **35**
Mode of Transportation 35
Commute Times for Employed Residents 37
Commute Times for Those Employed in the City 38
Place of Work 39
Commute Mode by Income 41
Commute Mode by Poverty Status 42

Migration **43**
Overall Migration Flows 43
Demographics of Migration Flows 45

References and Sources **47**

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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 Hawthorne's population are fundamental indicators of the city's growth potential.

A Demographic Snapshot

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Statistic	2022	2019
POPULATION		
Population Estimate (#)	84,564.0	86,062.0
Veterans (#)	1,814.0	2,000.0
Foreign born persons (%, 5yr)	32.7	35.6
Population age 25+ (#)	56,468.0	54,970.0
AGE AND SEX		
Persons under 5 years (%)	5.8	7.7
Persons under 18 years (%)	24.0	27.2
Persons 65 years and over (%)	8.9	8.6
Female persons (%)	49.5	51.4
INCOME AND POVERTY		
Median household income ($)	73,515.0	60,361.0
Per capita income in past 12 months ($)	35,480.0	28,507.0
Persons in poverty (%)	12.8	16.9
Children age less than 18 in poverty (#)	2,779.0	6,684.0
Children age less than 18 in poverty (%)	14.0	28.9
RACE AND ETHNICITY		
White alone (%)	12.1	59.5
African American alone (%)	22.2	21.5
American Indian or Alaska Native alone (%, 5yr)	2.0	0.6
Asian alone (%, 5yr)	6.6	7.7
Native Hawaiian and Other Pacific Islander alone (%, 5yr)	0.2	0.4
Two or More Races (%)	26.4	
Hispanic or Latino (%)	57.8	59.1
White alone, not Hispanic or Latino (%, 5yr)	9.6	10.3
HOUSING		
Housing units (#)	31,566.0	28,410.0
Owner-occupied housing units (%)	25.4	28.7
Median value of owner-occupied housing units ($)	764,700.0	639,800.0
Median selected monthly owner costs-with a mortgage ($)	2,799.0	2,357.0
Median selected monthly owner costs-without a mortgage ($)	537.0	558.0
Median gross rent ($)	1,639.0	1,404.0
FAMILIES AND LIVING ARRANGEMENTS		
Households (#)	30,066.0	27,489.0
Persons per household (#)	2.8	3.1
Living in same house 1 year ago, % of persons age 1+	90.0	87.8
EDUCATION		
High school graduate or higher, % of persons age 25+	81.4	76.1
Bachelor's degree or higher, % of persons age 25+	24.7	24.4
HEALTH		
With a disability, under age 65 years (#)	6,973.0	6,314.0
Persons without health insurance, under age 65 years (%)	14.3	11.1
LABOR FORCE		
In civilian labor force, persons age 16+ (%, 5yr)	69.3	70.1
In civilian labor force, women age 16+ (%, 5yr)	63.8	64.3
Employed, persons age 16+ (%, 5yr)	62.3	64.2
Self employed (%, 5yr)	8.7	8.9
TRANSPORTATION		
Mean travel time to work, workers age 16+ (Mins., 5yr)	26.6	29.5
Drive alone in private vehicle (%, 5yr)	70.9	74.3
Using public transportation (%, 5yr)	5.7	7.9
Worked from home (%, 5yr)	7.9	2.2

Source: American Community Survey, Summary Files
Note: Data are from the 1-year files unless indicated by the notation 5yr.

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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)

Region	2023 Population	% Change 1 Year	% Change 3 Year	% Change 5 Year
City				
Hawthorne	85,702	−0.96	−2.13	−2.61
County and Broader Regions				
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)

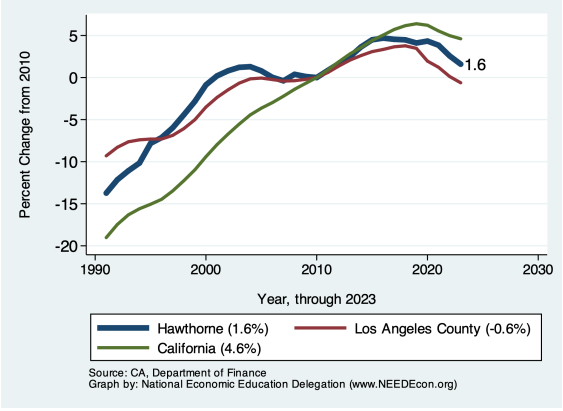

Figure 2: Population Growth (2)

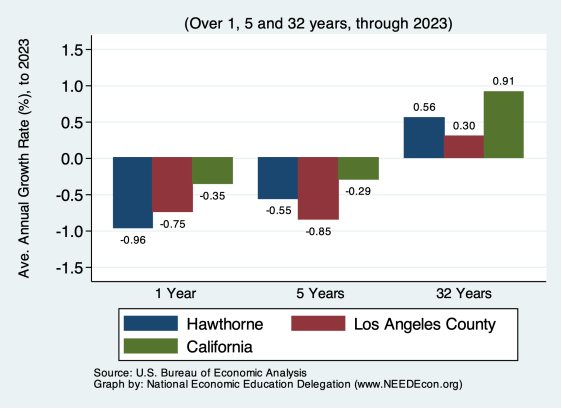

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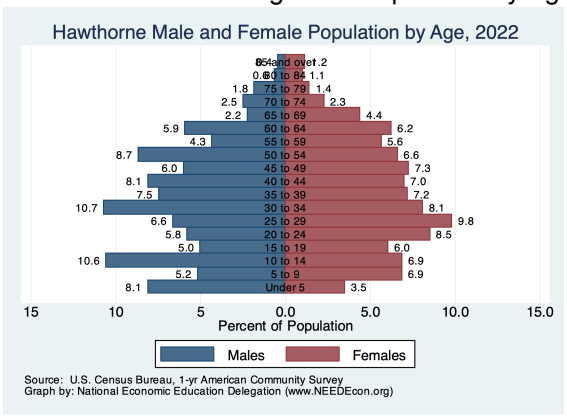
Figure 3: Population by Age - Detailed Age Categories



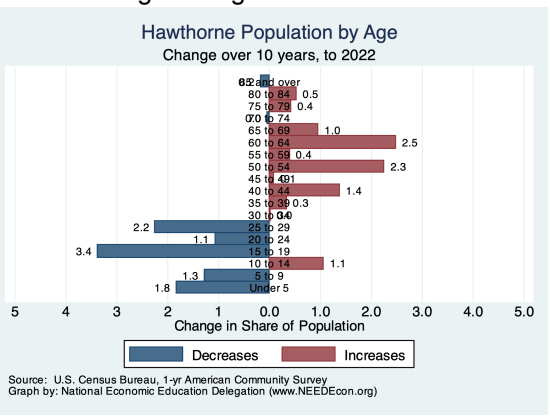
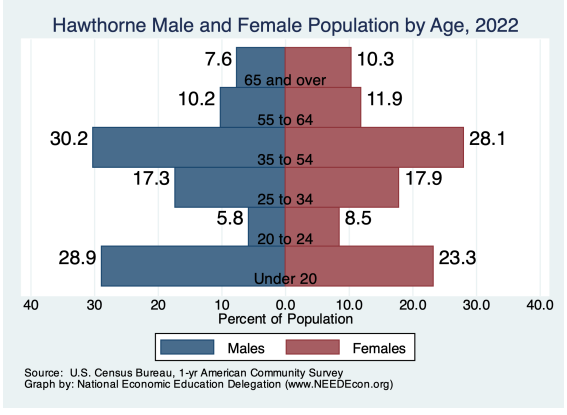


Figure 4: Population by Age - Broad Age Categories



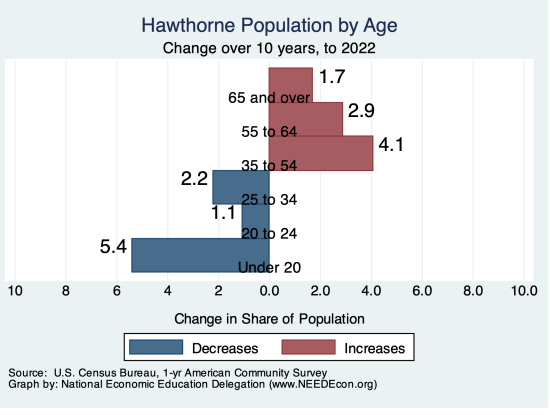
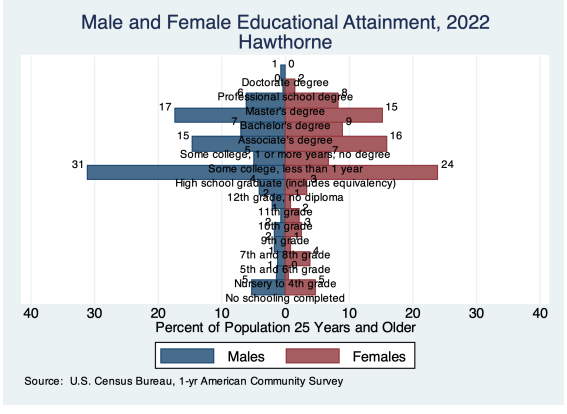


Figure 5: Population by Educational Attainment



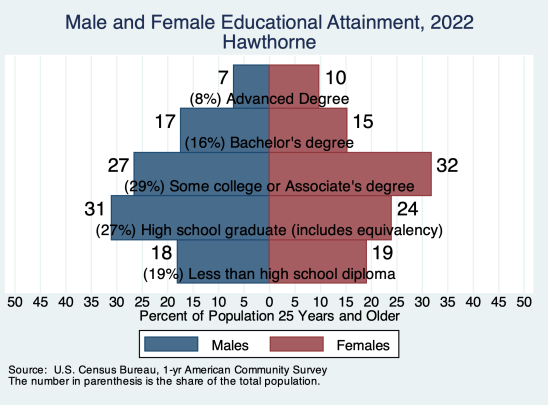


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Table 2. County Population Change by City
(Thousands, January to January)

City	2022	2023	% Change		
			Local	Southern California	California
Los Angeles County	9,834.5	9,761.2	−0.75	−0.41	−0.35
Los Angeles	3,802.7	3,766.1	−0.96		
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	149.9	149.7	−0.12		
Torrance	144.3	143.1	−0.88		
Pasadena	137.8	137.0	−0.60		
Downey	112.1	111.3	−0.73		
West Covina	107.6	107.9	0.23		
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	81.6	81.3	−0.37		
Lakewood	80.9	80.2	−0.92		
Bellflower	77.6	76.9	−0.92		
Baldwin Park	70.8	70.4	−0.63		
Redondo Beach	69.1	68.4	−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	50.1	50.0	−0.17		
Azusa	49.5	49.5	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	34.7	34.3	−1.24		
San Dimas	34.4	34.1	−0.95		
Bell	33.6	33.4	−0.72		
La Verne	32.3	32.1	−0.89		
Beverly Hills	31.9	31.7	−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	18.7	18.6	−0.88		
El Segundo	17.0	16.9	−0.67		
Artesia	16.2	16.1	−0.81		
Hawaiian Gardens	13.7	13.5	−0.94		
Palos Verdes Estates	13.1	13.0	−0.91		
San Marino	12.3	12.2	−0.62		
Commerce	12.2	12.0	−1.04		
Signal Hill	11.5	11.4	−0.84		
Sierra Madre	10.9	10.8	−0.81		
Malibu	10.5	10.5	−0.21		
Rolling Hills Estates	8.5	8.4	−0.40		
Westlake Village	8.0	7.9	−1.13		

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Figure 6: Population by Race/Ethnicity

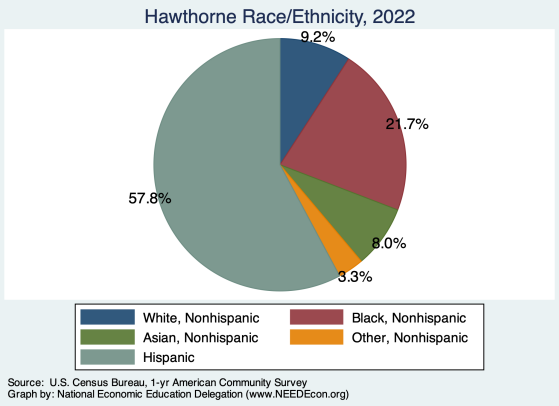
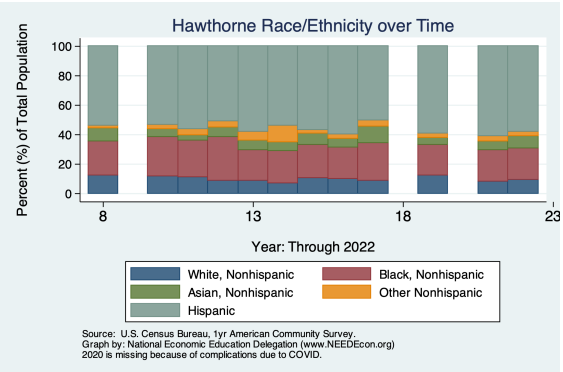


Figure 7: Population by Race/Ethnicity Over Time



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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 employment 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. Hawthorne Summary for March, 2024

Category	Current Value	Change From: Last Month	Change From: 2 Months Ago	Change From: 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 Unemployment

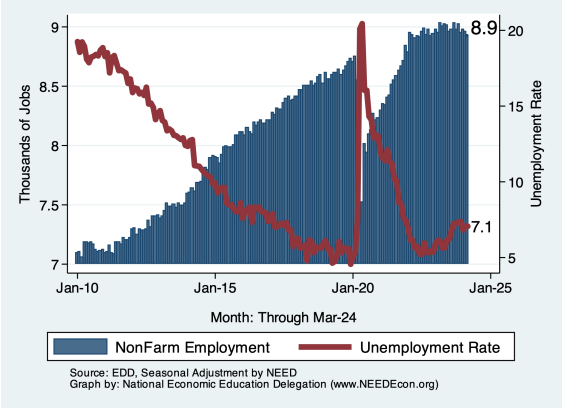


Figure 9: Employment and Unemployment - Last 12 Months

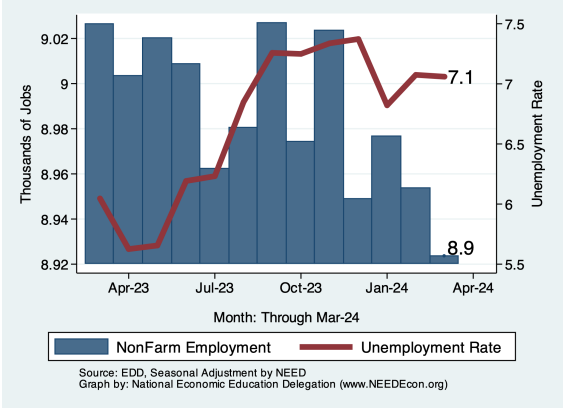


Figure 10: Relative Employment Growth Across Regions - since 2010

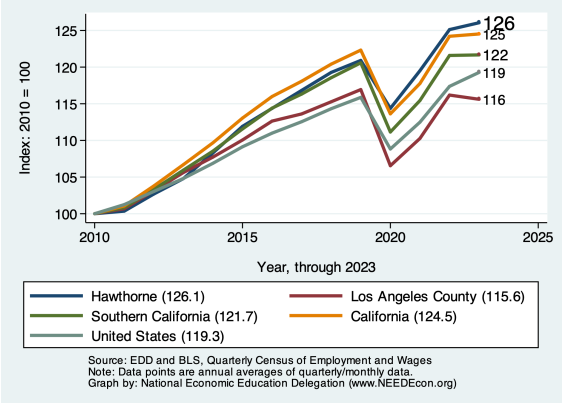
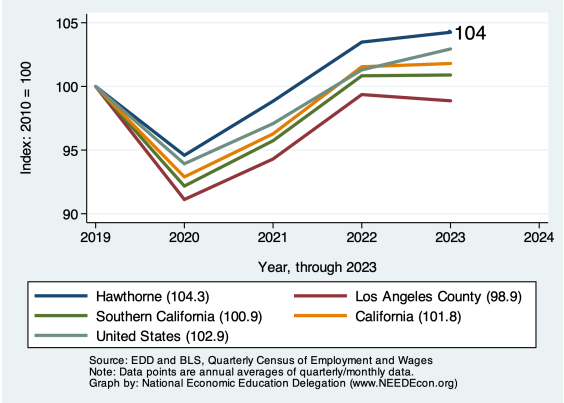


Figure 11: Relative Employment Growth Across Regions - since 2019



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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 indsutry-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

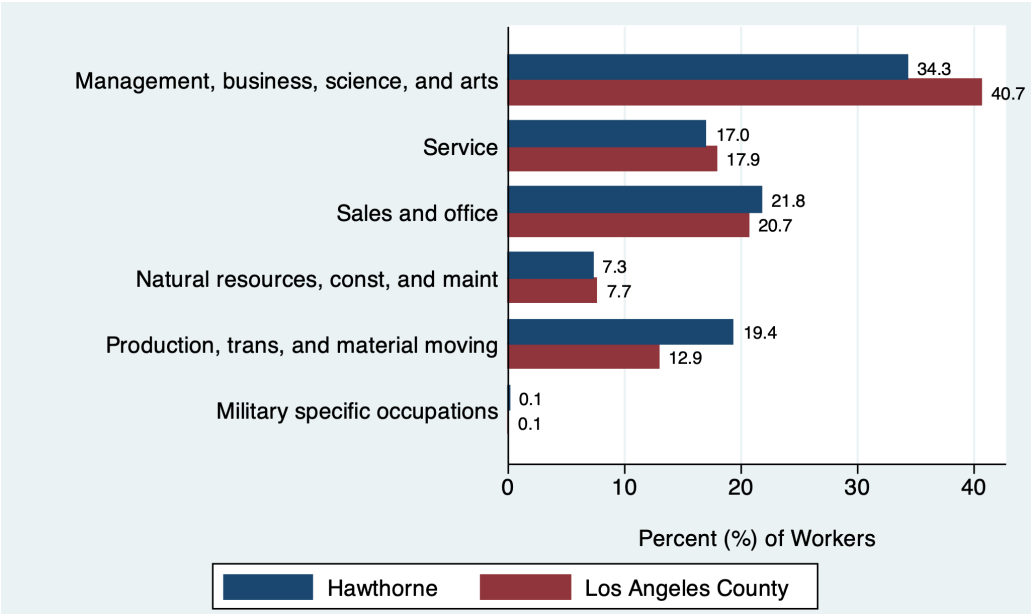
Industry	Employment	Share	Empl Growth	% Growth - Annualized Rate					
				Month	Qtr	6mo	1yr	3yr	5yr
Total Nonfarm	4,571,176	100.0	10,019.7	2.7	1.9	1.8	0.4	3.0	0.0
Total Private	3,980,116	87.1	10,298.0	3.2	1.8	1.7	0.2	3.1	0.1
Goods Producing	467,870	10.2	18.0	0.0	−2.8	−1.2	−0.8	0.4	−1.0
Mining, Logging 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

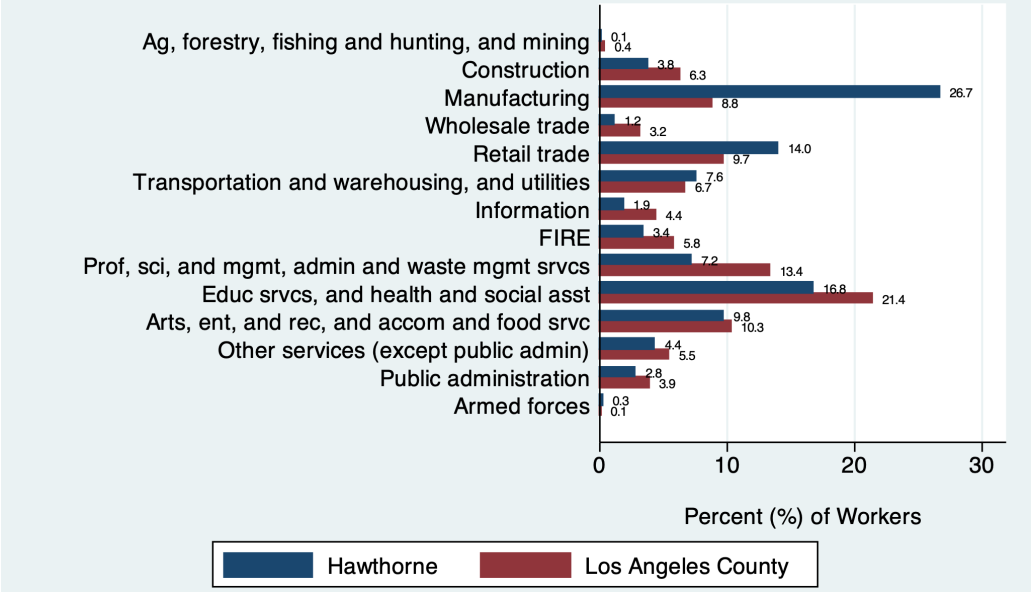
Employed in Hawthorne

Figure 12: Employment by Occupation



Source: American Community Survey, 2022 5-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 13: Employment by Industry



Source: American Community Survey, 2022 5-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

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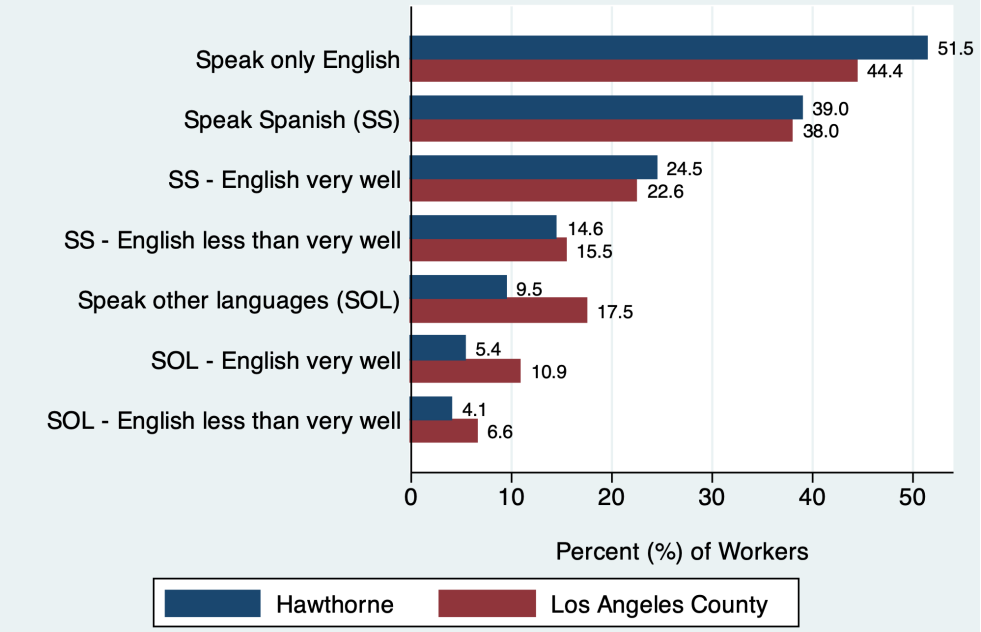
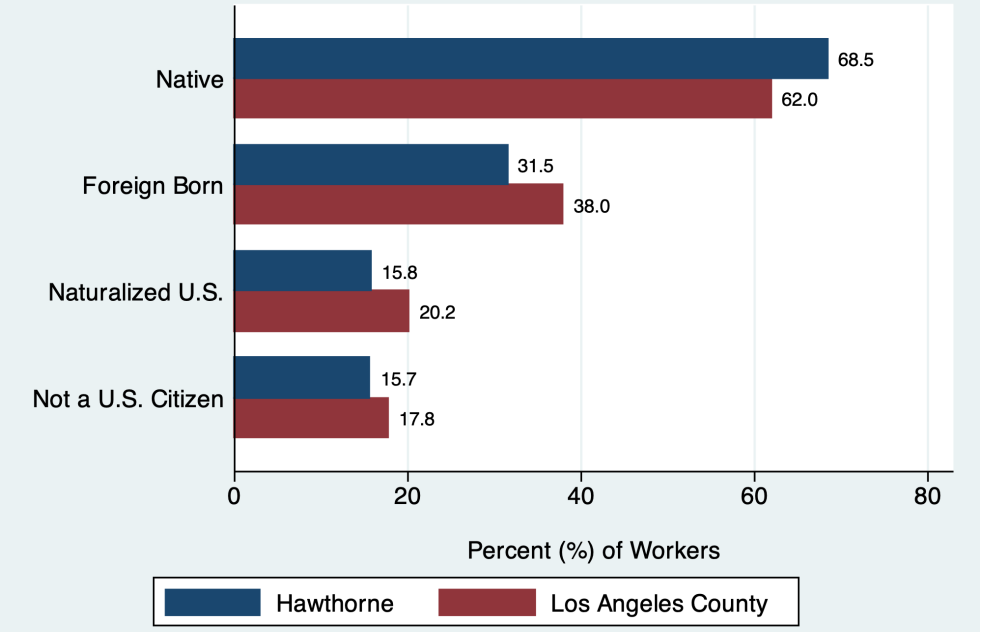
Figure 14: Language Spoken at Home



Source: American Community Survey, 2022 1-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

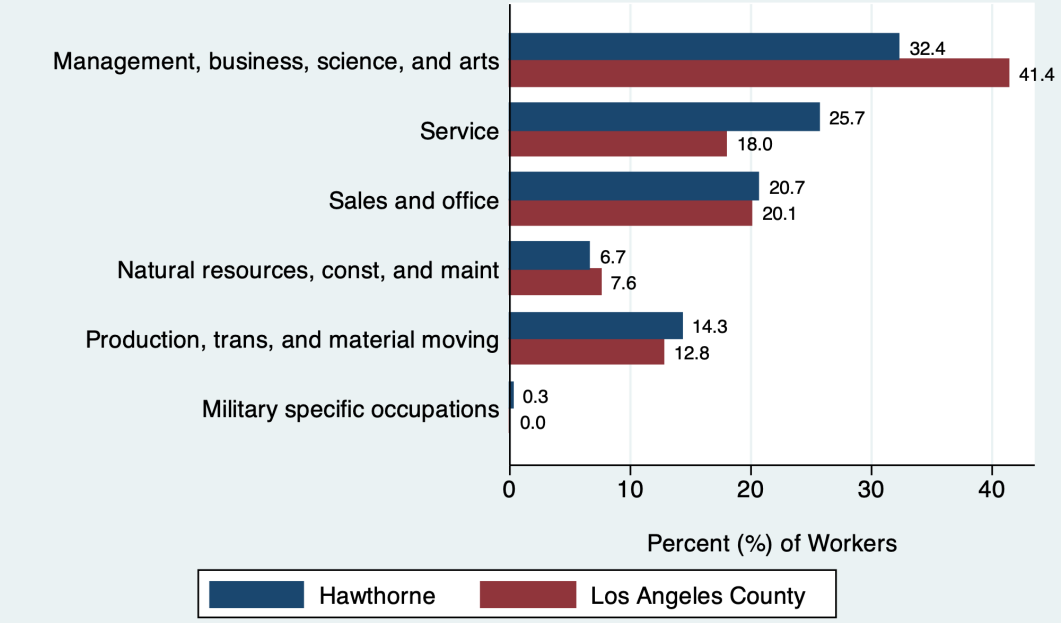
Figure 15: Citizenship



Source: American Community Survey, 2022 1-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

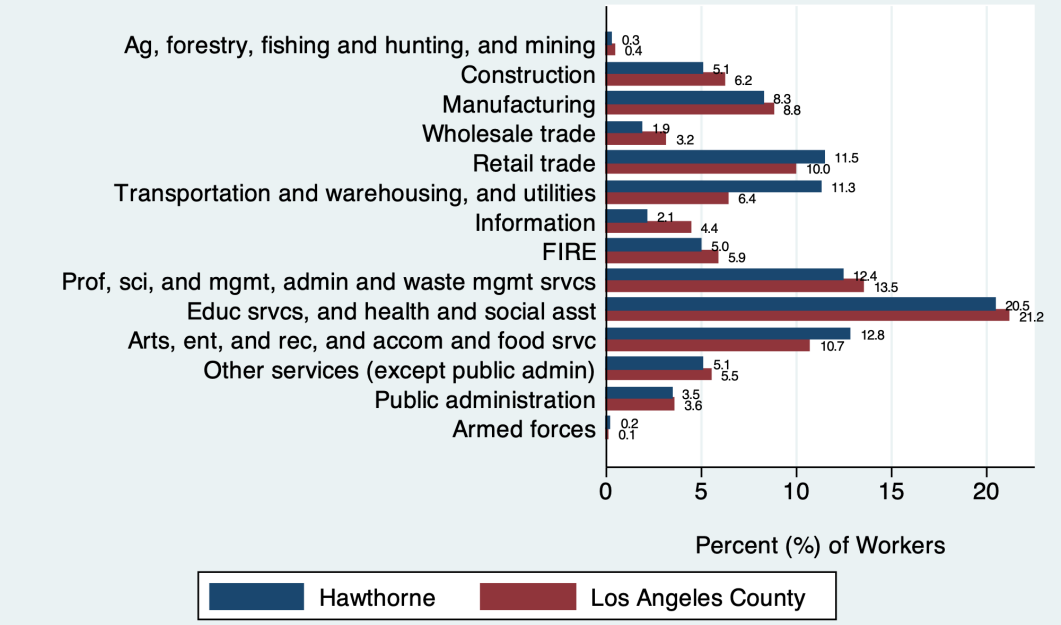
Employed Residents of Hawthorne

Figure 16: Employment by Occupation



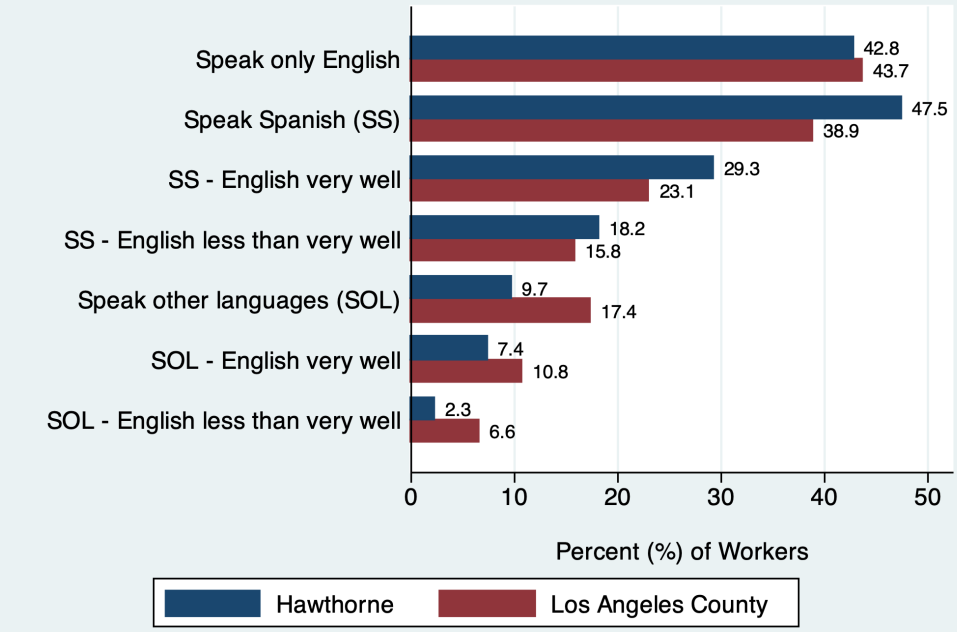
Source: American Community Survey, 2022 1-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 17: Employment by Industry



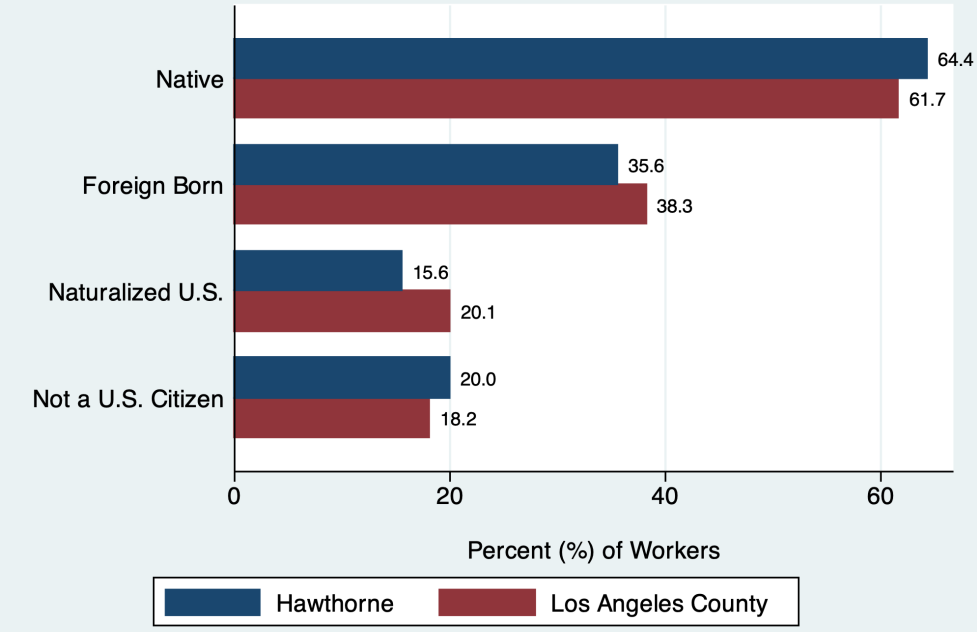
Source: American Community Survey, 2022 5-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 18: Language Spoken at Home



Source: American Community Survey, 2022 1-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 19: Citizenship



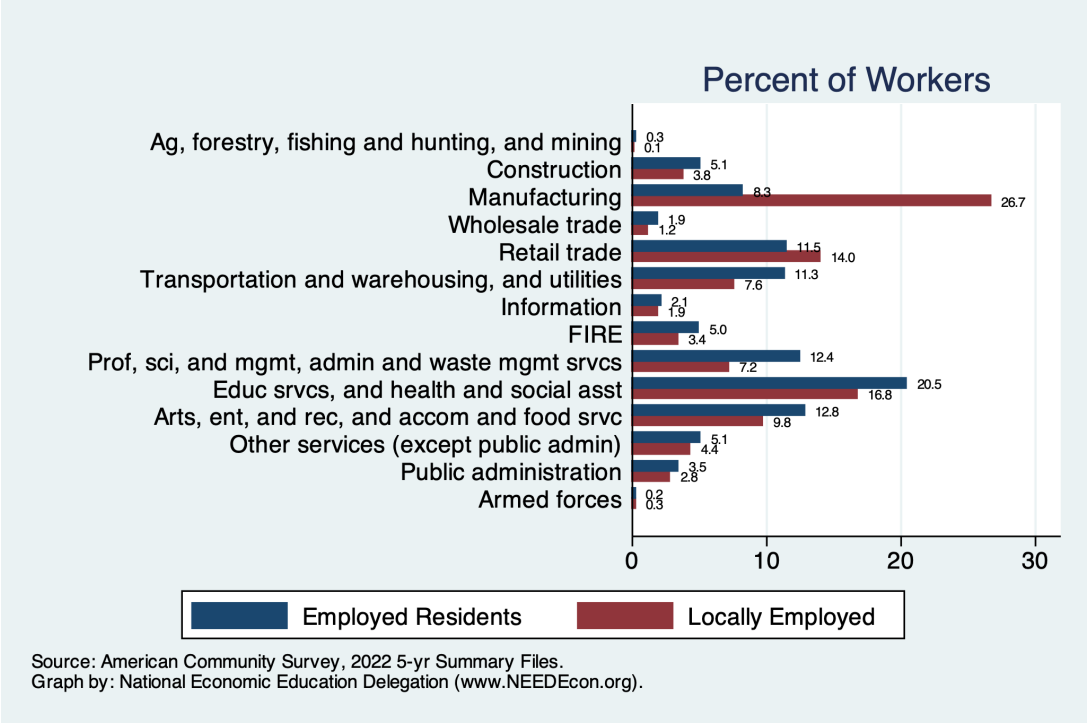
Source: American Community Survey, 2022 1-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Employed Residents vs Workers in Hawthorne

Figure 20: Employment by Occupation

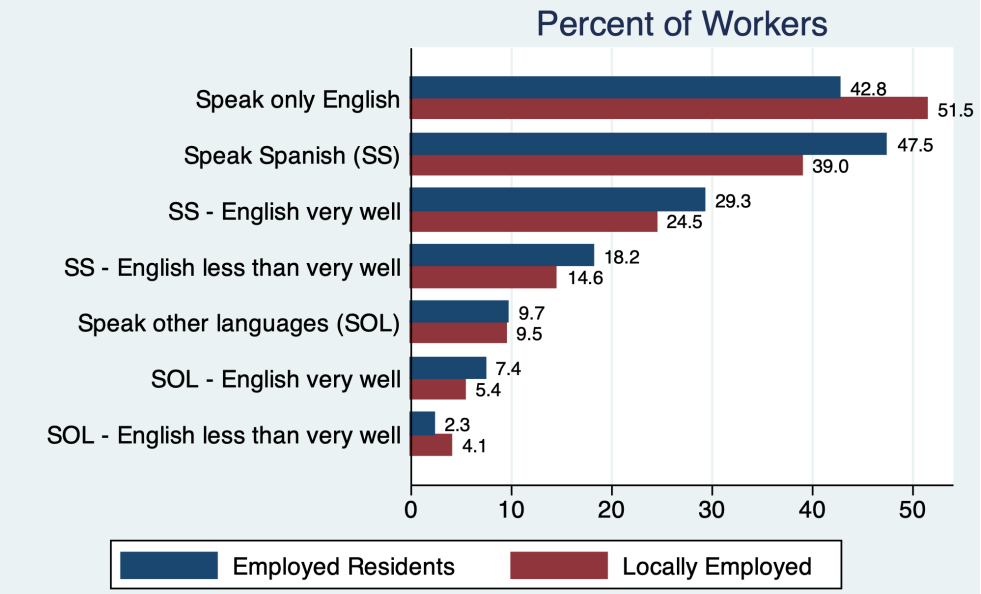
N/A

Figure 21: Employment by Industry



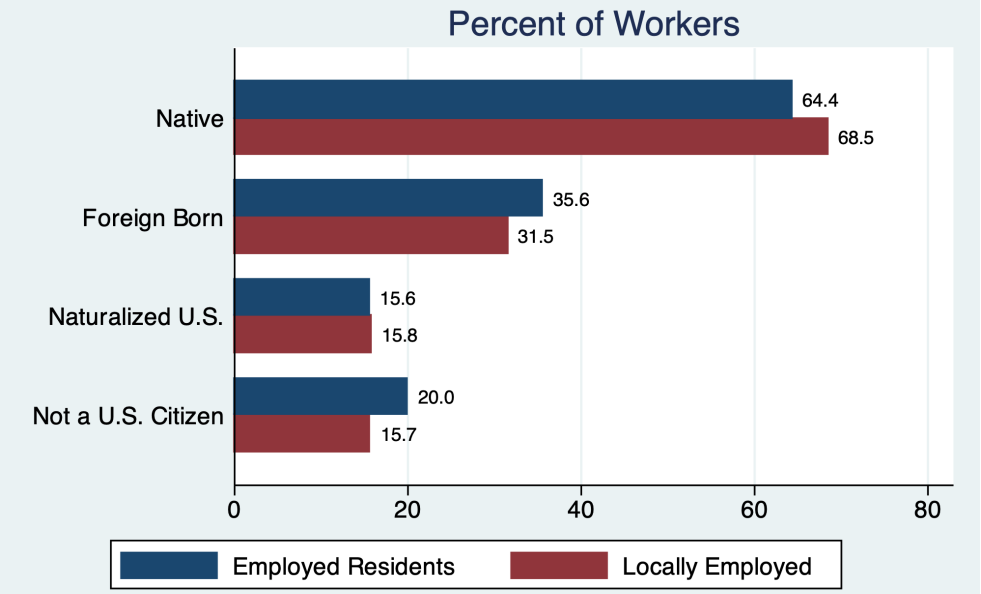
Source: American Community Survey, 2022 5-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 22: Language Spoken at Home



Source: American Community Survey, 2022 1-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 23: Citizenship



Source: American Community Survey, 2022 1-yr Summary Files.
Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Income and Earnings

Per Capita Income Growth

Definition:

Per capita income is the average income per person in Hawthorne. 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

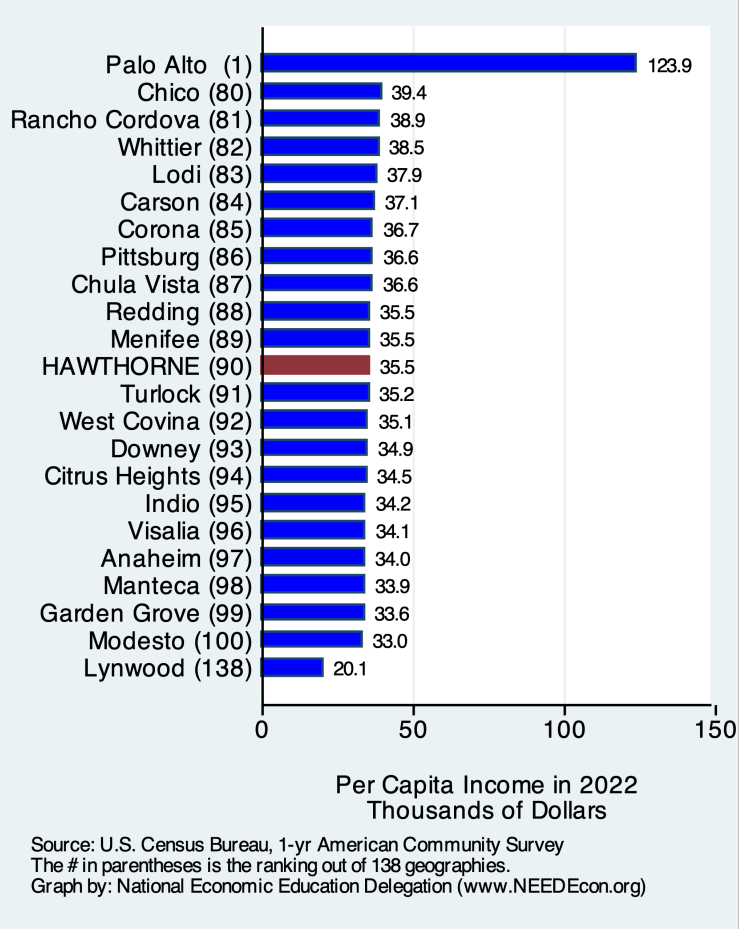
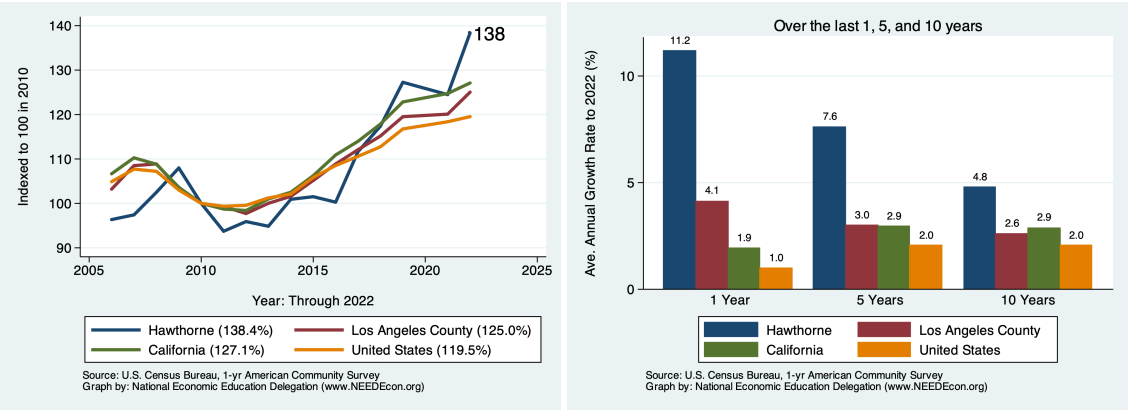


Figure 25: Regional Comparison of Growth over Time



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

Figure 26: Income Levels

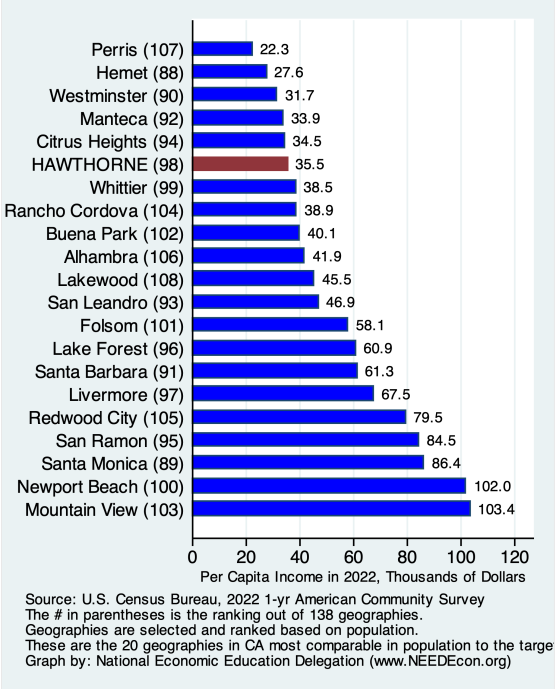
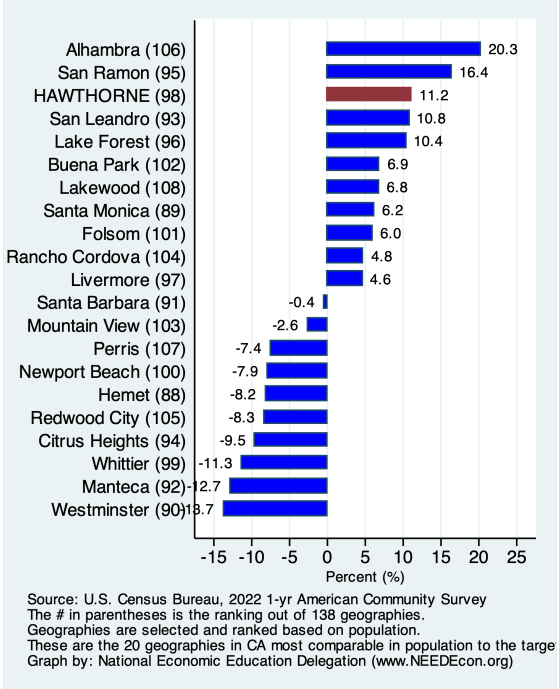


Figure 27: Growth over Time



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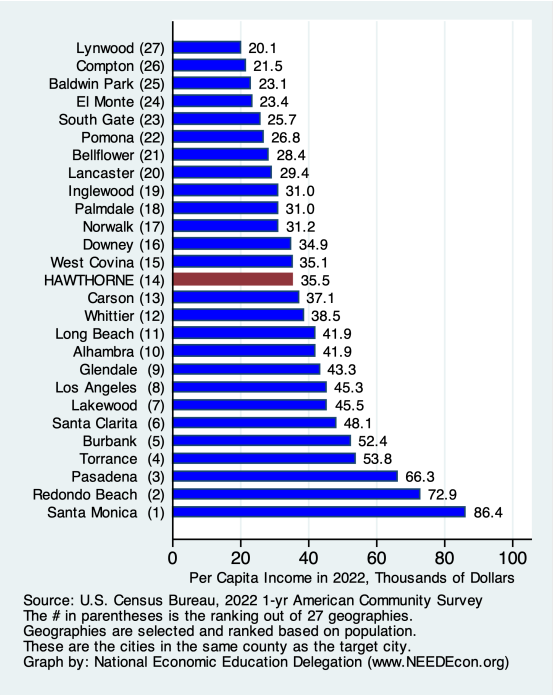
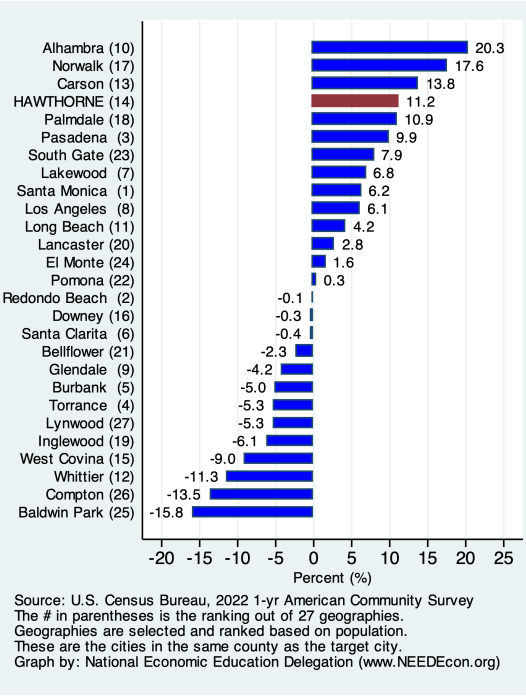
Real Per Capita Income Ranking Among Cities in Los Angeles County

Figure 28: Income Levels



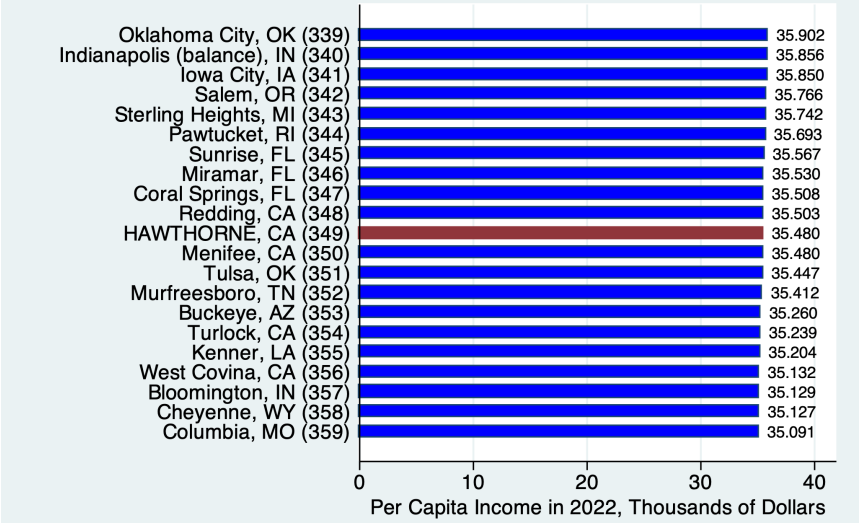
Source: U.S. Census Bureau, 2022 1-yr American Community Survey
The # in parentheses is the ranking out of 27 geographies.
Geographies are selected and ranked based on population.
These are the cities in the same county as the target city.
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 29: Growth over Time



Source: U.S. Census Bureau, 2022 1-yr American Community Survey
The # in parentheses is the ranking out of 27 geographies.
Geographies are selected and ranked based on population.
These are the cities in the same county as the target city.
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 30: Comparison with All Cities Nationwide



Source: U.S. Census Bureau, 1-yr American Community Survey
The # in parentheses is the ranking out of 598 geographies.
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

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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.

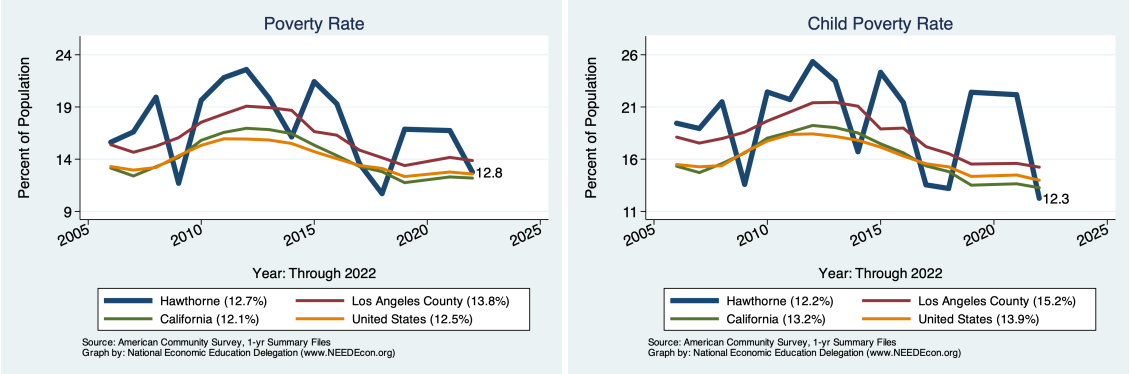


Figure 31: Inequality

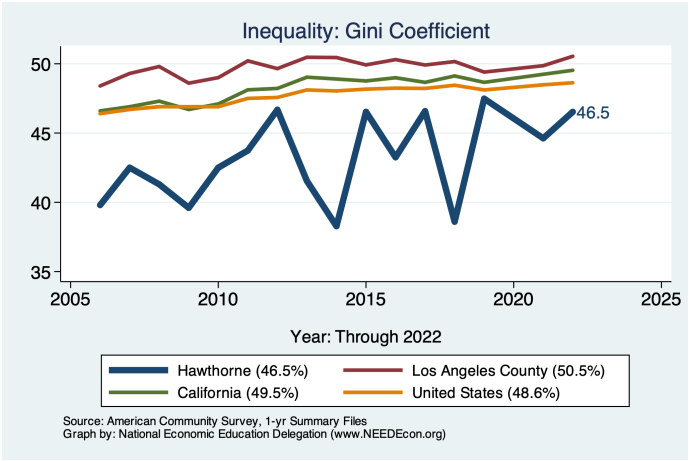
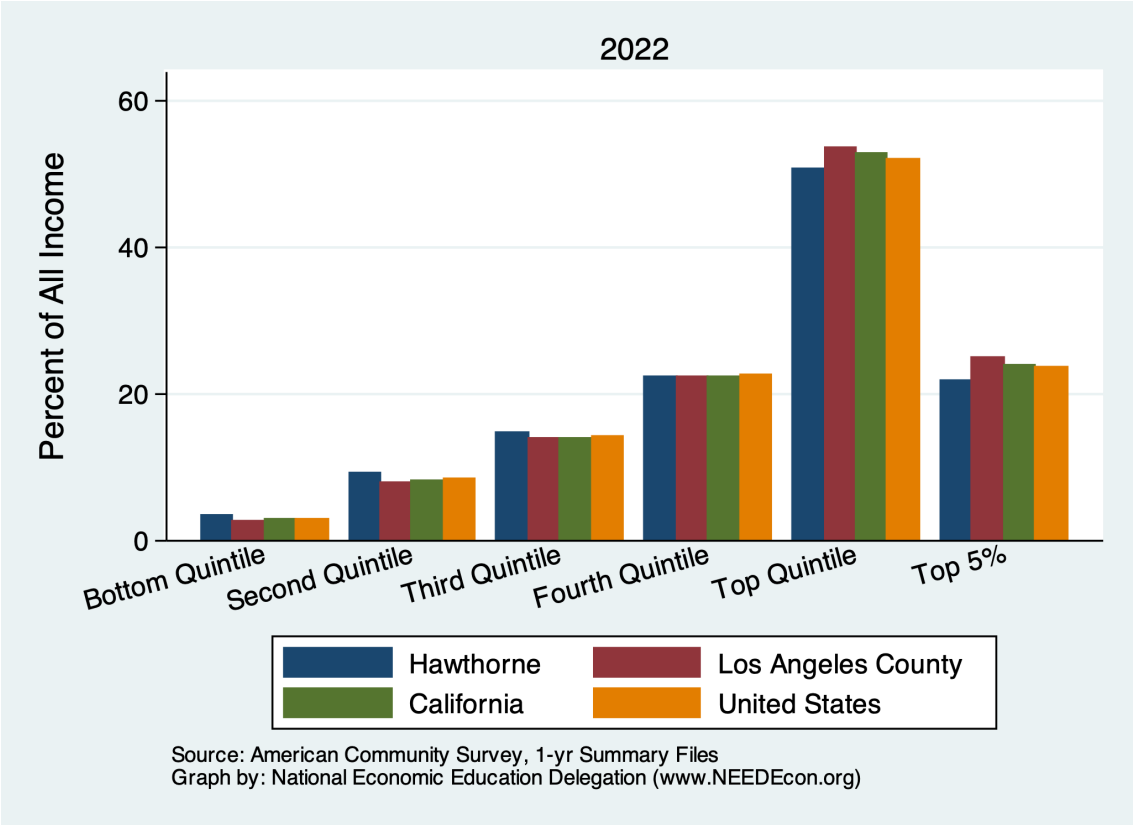
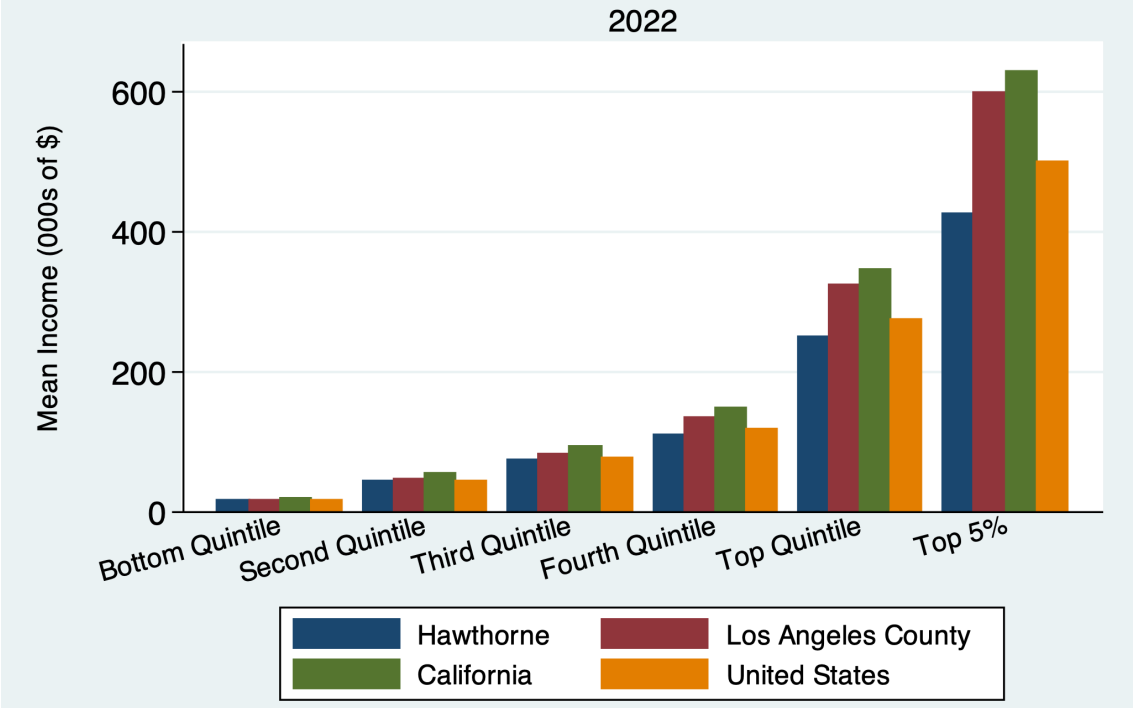


Figure 32: Shares Across the Income Distribution



Source: American Community Survey, 1-yr Summary Files
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 33: Means Across the Income Distribution



Source: American Community Survey, 1-yr Summary Files
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

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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 Hawthorne and Broader Regions

Figure 34: Median Home Prices

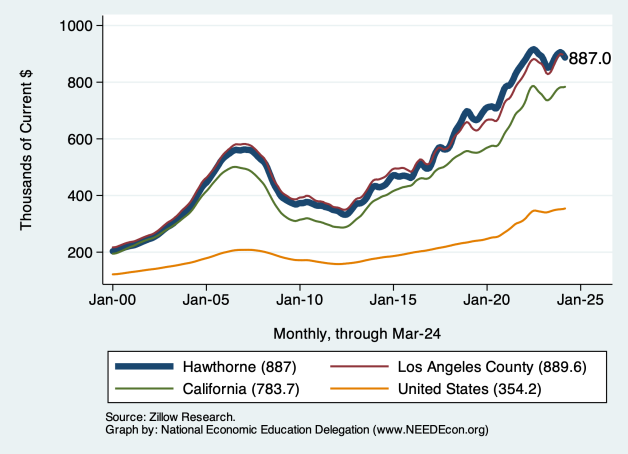
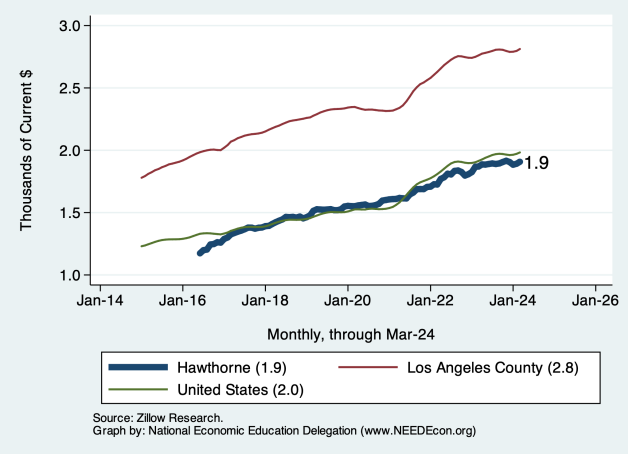


Figure 35: Median Rents



Housing Ownership in Hawthorne and Broader Regions

Figure 36: Home Ownership Rates

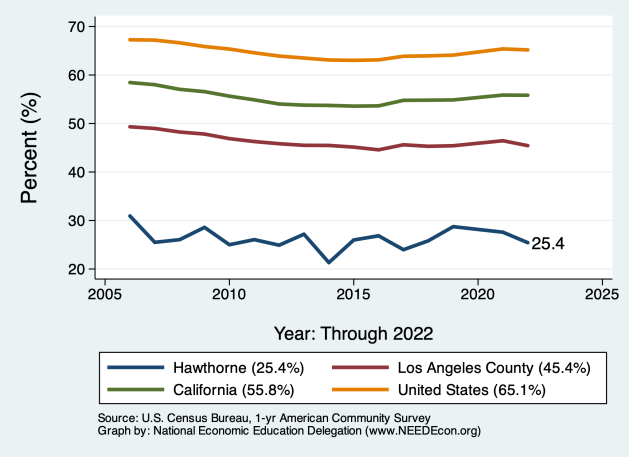


Figure 37: Home Ownership by Age

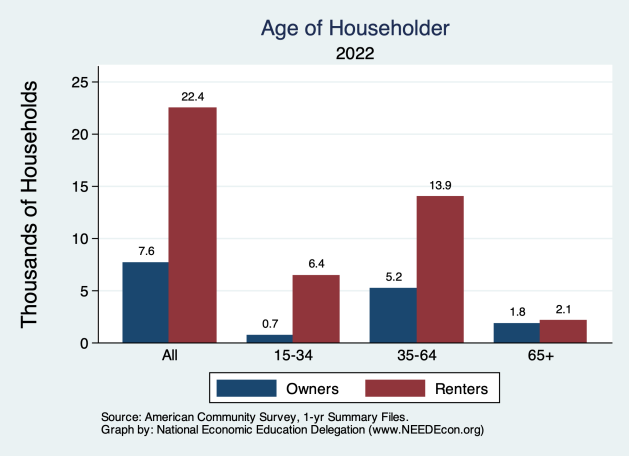


Figure 38: Income by Tenure

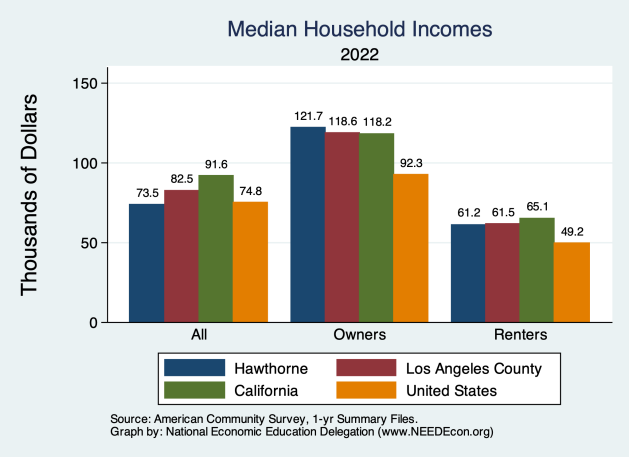


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Figure 39: Income Distribution by Tenure

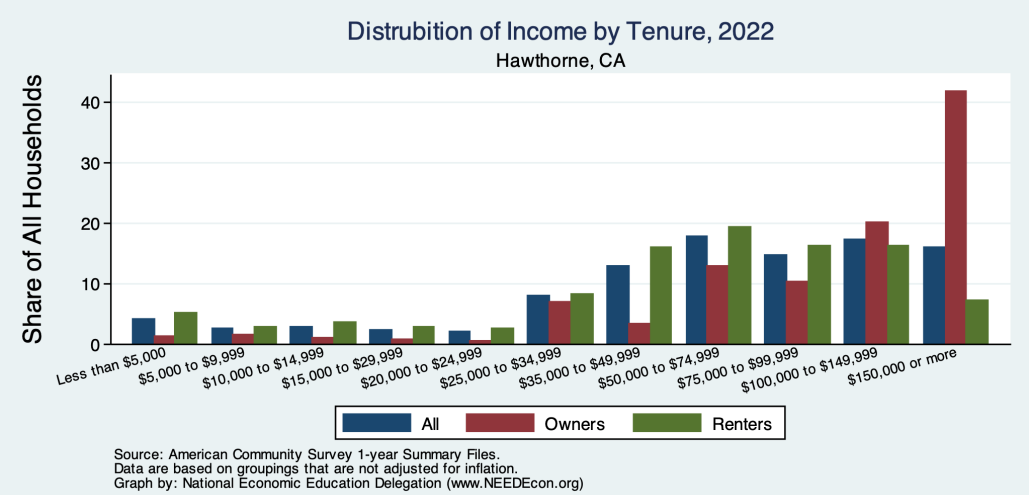


Figure 40: Income Distribution of Home Owners

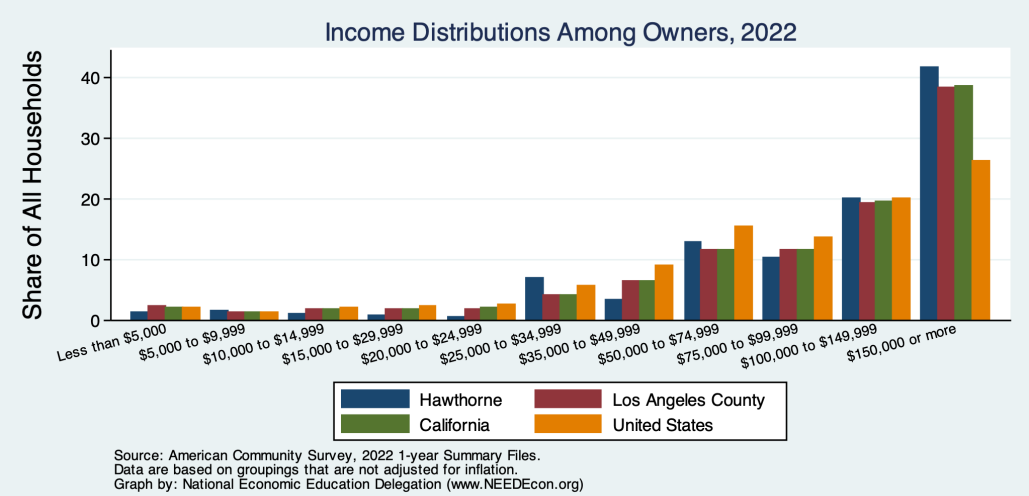
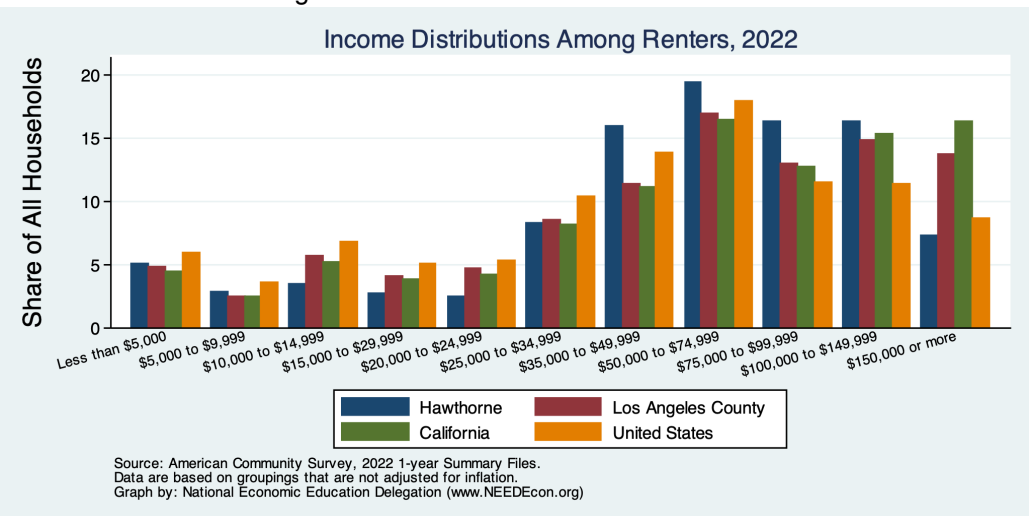


Figure 41: Income Distribution of Renters



Housing Burden in Hawthorne and Broader Regions

Figure 42: Home Owners w/ A Mortgage

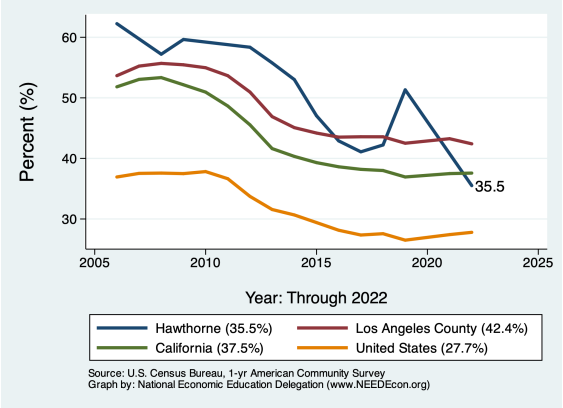


Figure 43: Home Owners w/o A Mortgage

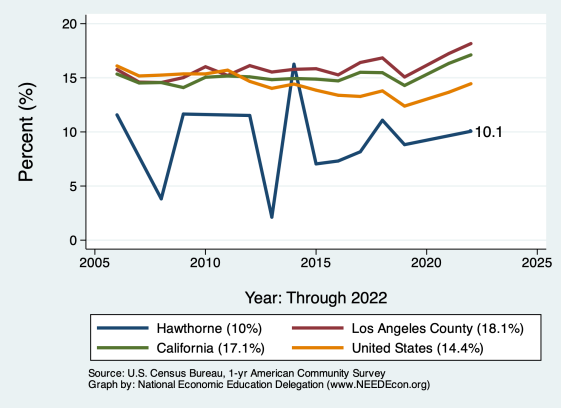


Figure 44: Renters

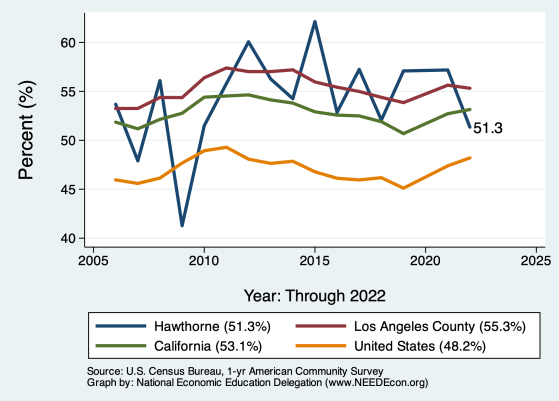
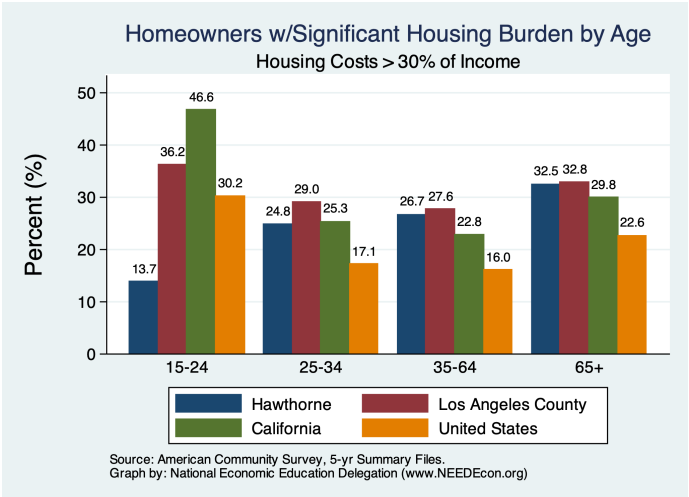


Figure 45: Homeowner Housing Burden by Age



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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

Indicator	2023	2019	2010	% Change from 2019	% Change from 2010
Total Population	85,702.0	87,071.0	84,293.0	-1.6	1.7
Total # of Homes	31,666.0	30,593.0	29,869.0	3.5	6.0
# Occupied Units	30,591.0	29,220.0	28,486.0	4.7	7.4
Persons per Household	2.8	3.0	2.9	-6.1	-5.4
Vacancy Rate (%)	3.4	4.5	4.6	-24.4	-26.7

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

Figure 46: Housing Growth

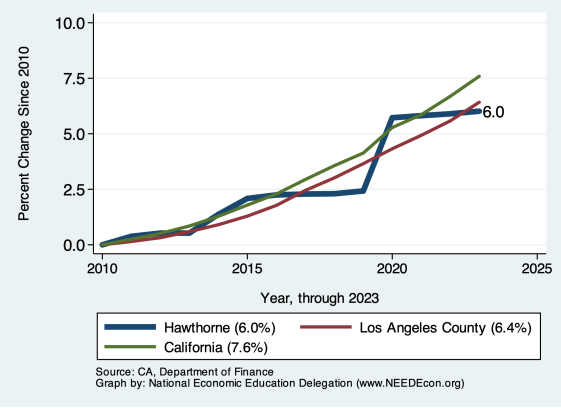


Figure 47: Persons per Household

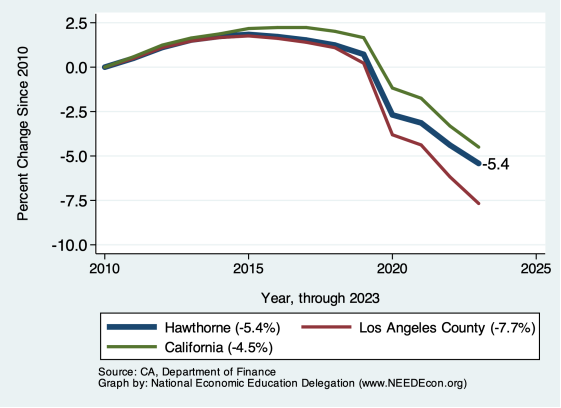


Figure 48: Vacancy Rates

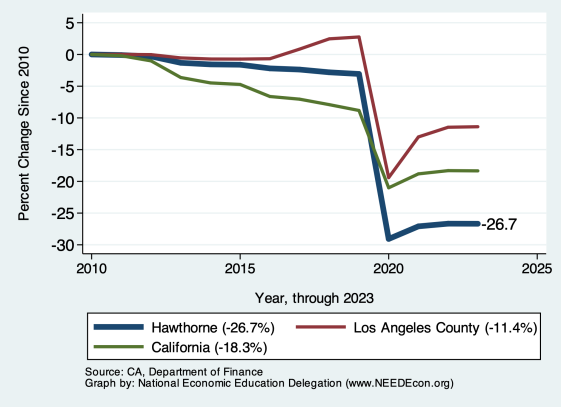
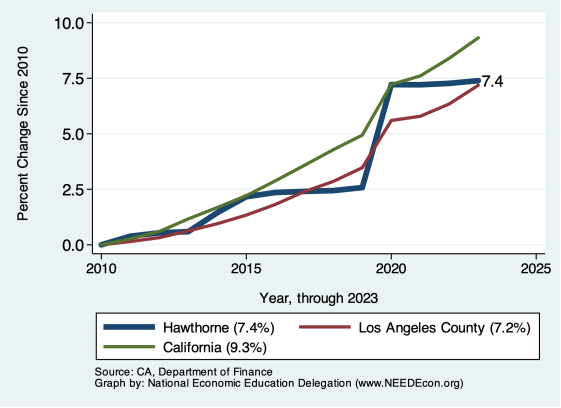


Figure 49: Number of Occupanied Units



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Trends in the Growth of Housing by Housing Type

Figure 50: Single Detached Homes

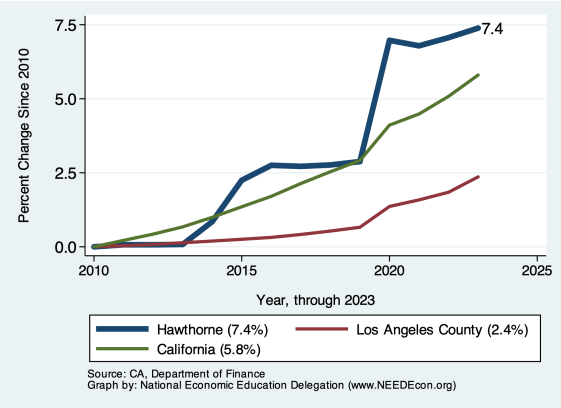


Figure 51: Single Attached Homes

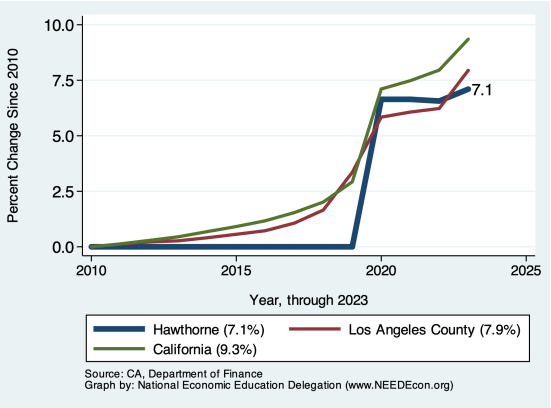


Figure 52: Housing in Buildings with Two to Four Units

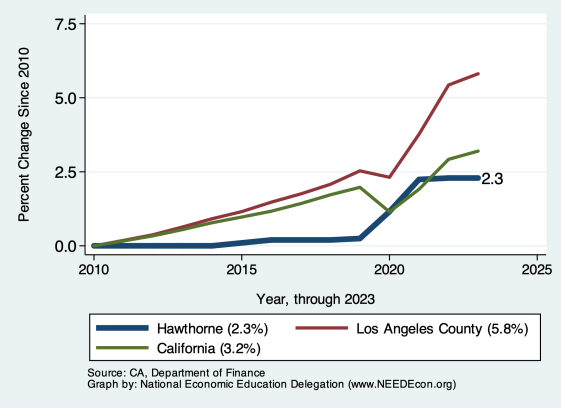
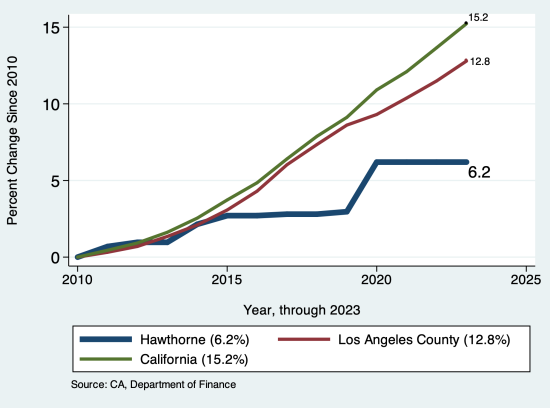


Figure 53: Housing in Buildings with Five or More Units



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Vintage of Residential Housing

Why is it important?

This section provides evidence on the year in which residential housing in Hawthorne 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 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

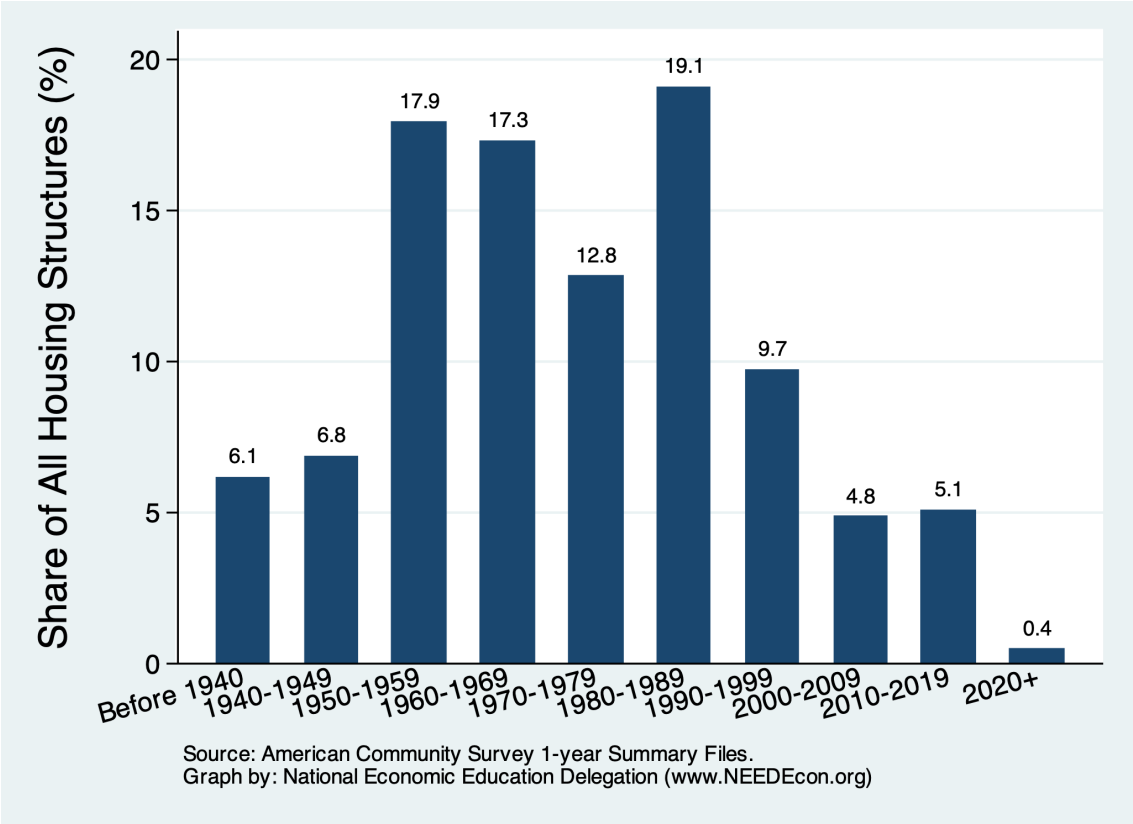


Figure 55: Housing Vintage across Regions

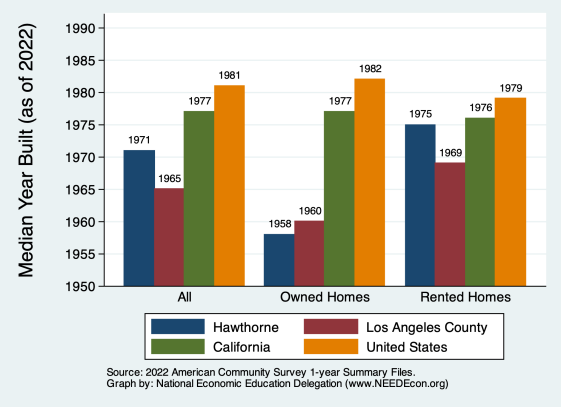


Figure 56: Housing Vintage by Tenure

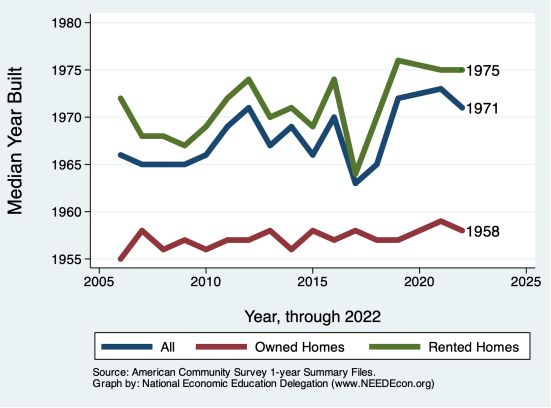


Figure 57: Vintage of Owned Residences

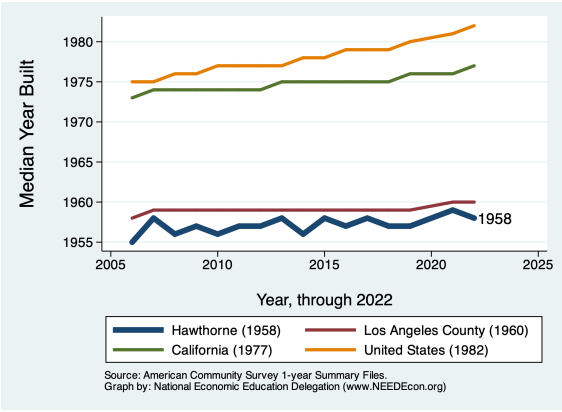


Figure 58: Vintage of Rented Residences

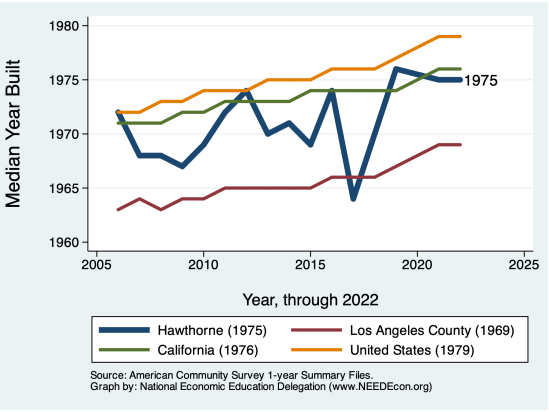
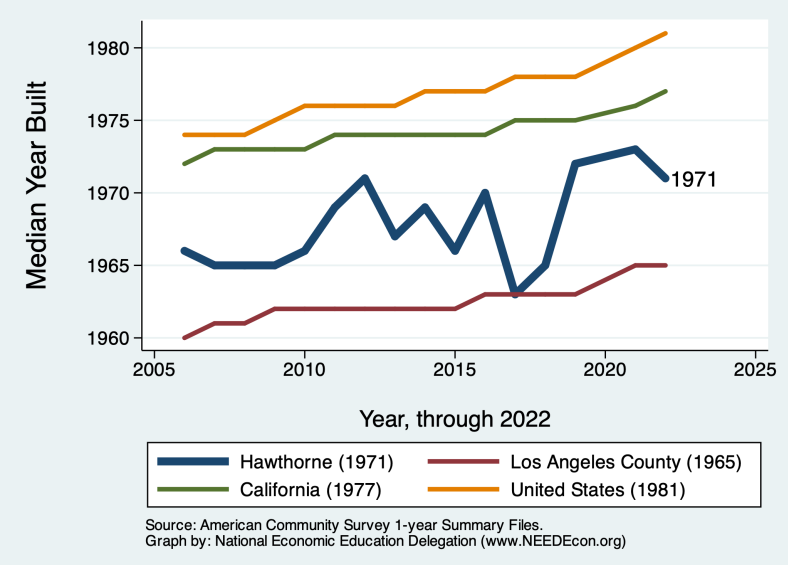


Figure 59: Vintage of All Residences



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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 60: Year Current Occupant Moved In

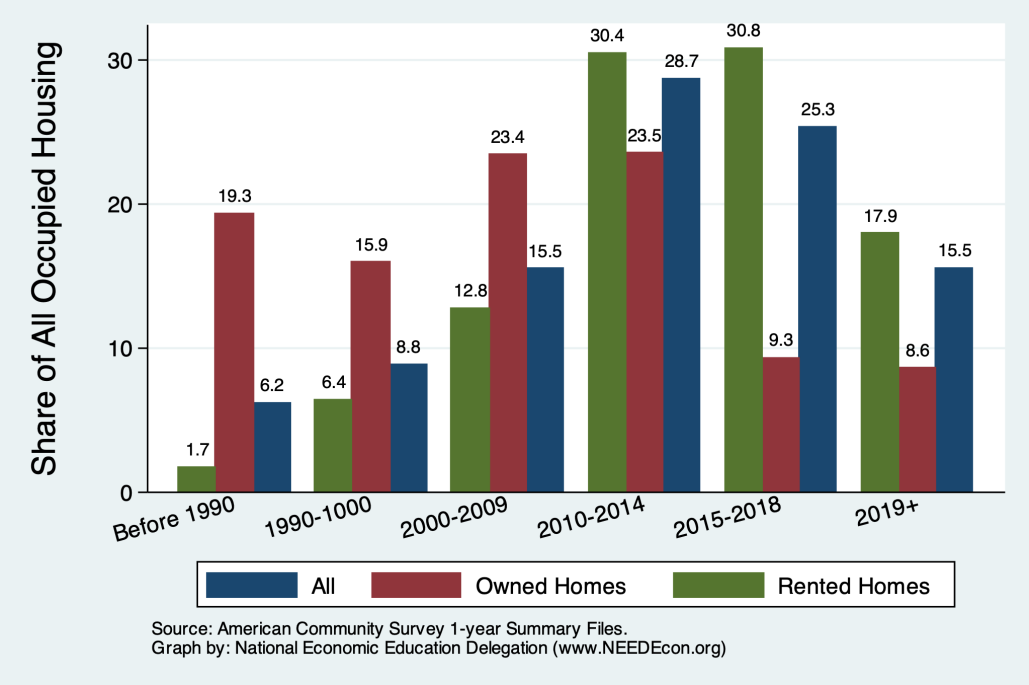

Figure 61: Year Occupied by Current Residents across Regions

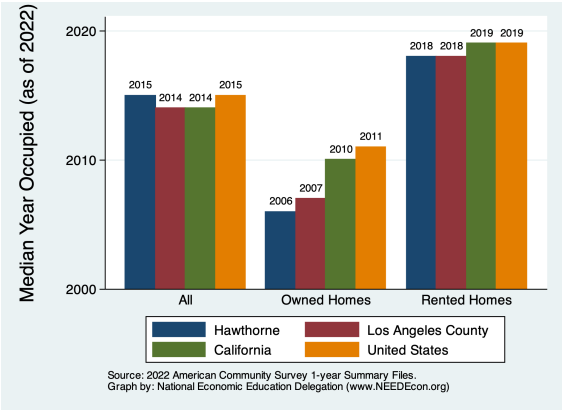

Figure 62: Year Occupied by Current Residents by Tenure

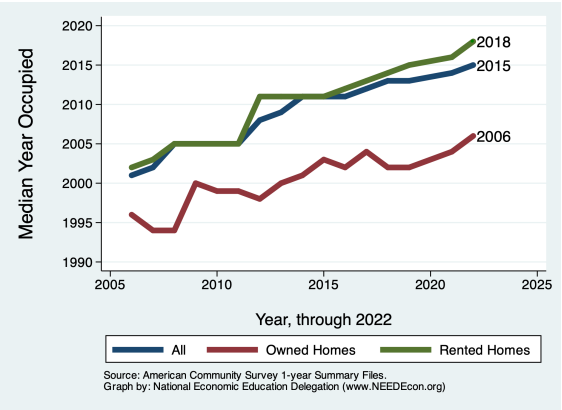

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Figure 63: Year Occupied by Current Residents for Owned Housing

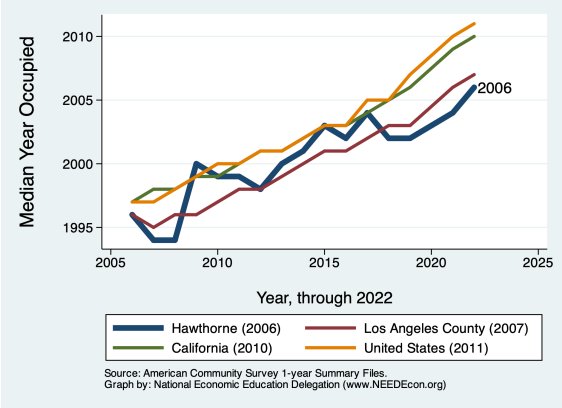


Figure 64: Year Occupied by Current Residents for Rented Housing

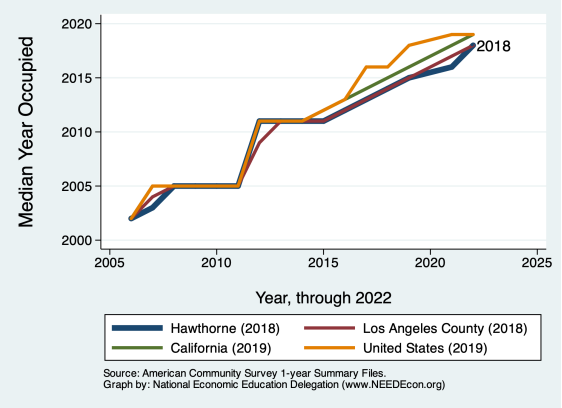
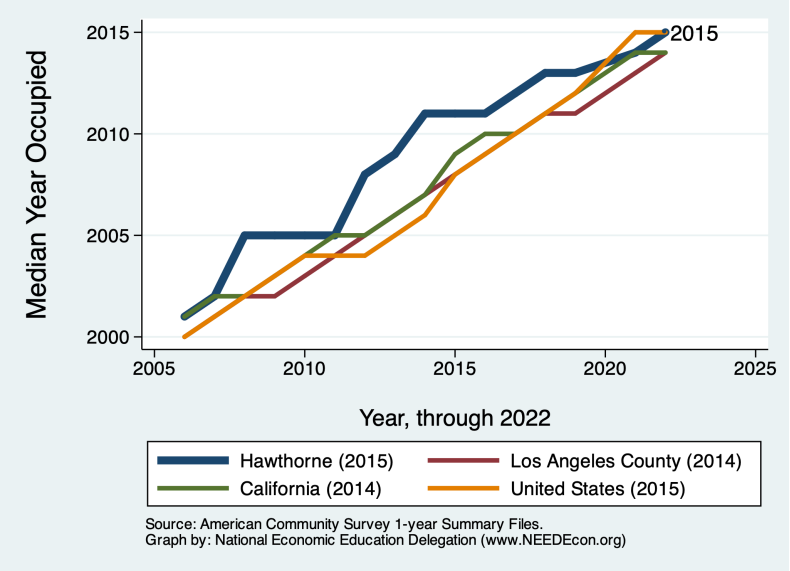


Figure 65: Year Occupied by Current Residents for All Housing



Residential Permitting

Definition:

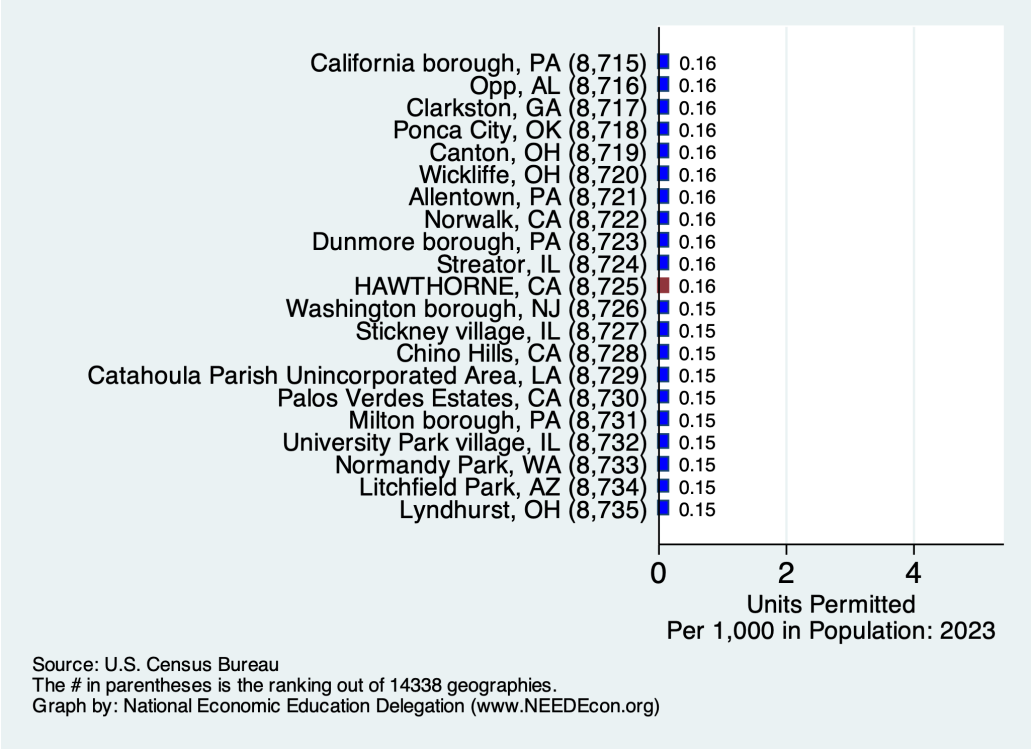
This indicator provides evidence on the number of residential buildings that are permitted for construction each year. Permit data for Hawthorne is compared with data from Los Angeles County as a whole and broader regions. The statistic provided scales the number of permits by population. This is done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

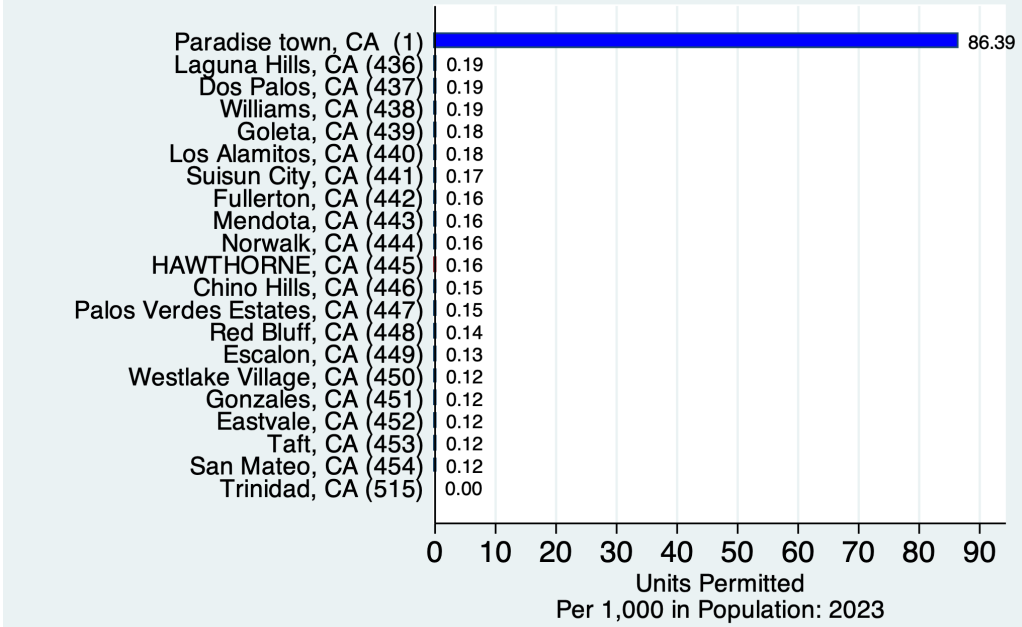
Hawthorne - Ranking Among Comparables

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



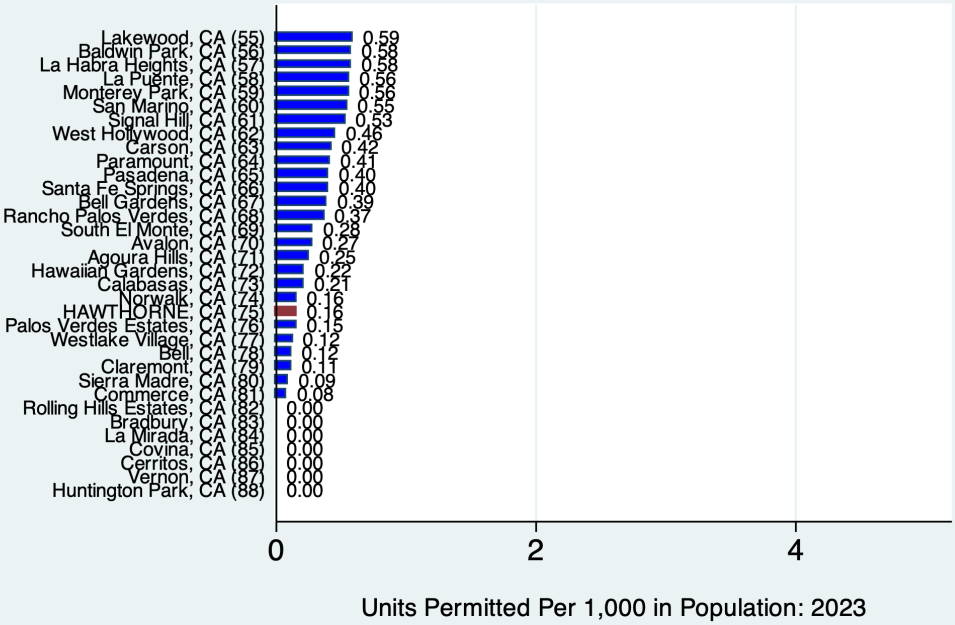
Source: U.S. Census Bureau
The # in parentheses is the ranking out of 14338 geographies.
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 67: Number of Units Permitted - California Comparables (Rank)



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)



Source: U.S. Census Bureau,
The # in parentheses is the ranking out of 88 geographies.
Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Hawthorne - Permitting Activity

Annual Units Permitted - Per Capita in Hawthorne

Figure 69: Units Permitted Each Year

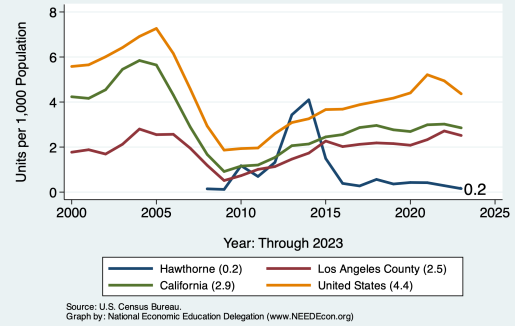
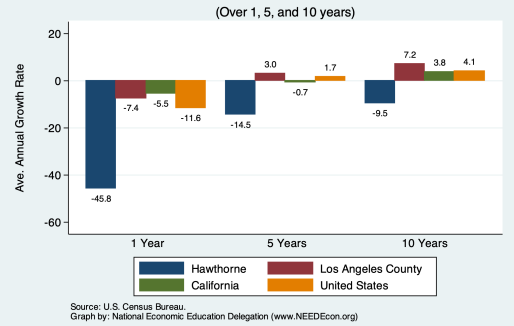


Figure 70: Average Annual Growth in Units Permitted



Annual Number of Buildings Permitted - Per Capita in Hawthorne

Figure 71: Units Permitted Each Year

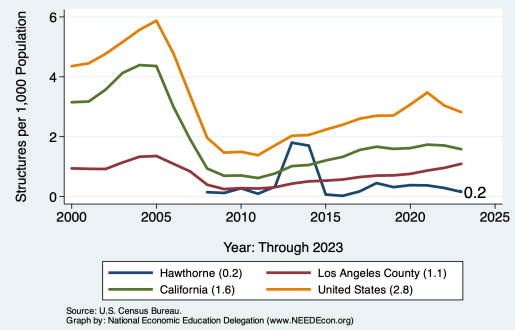
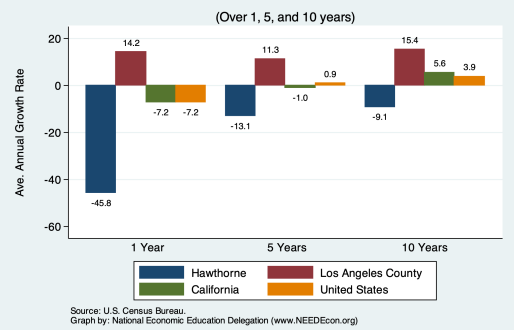


Figure 72: Average Annual Growth in Buildings Permitted



Annual Value of Property Permitted - Per Capita in Hawthorne

Figure 73: Value Permitted Each Year

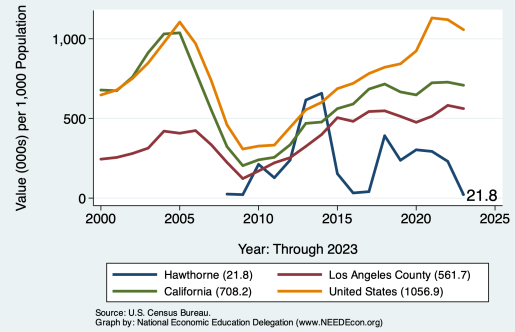
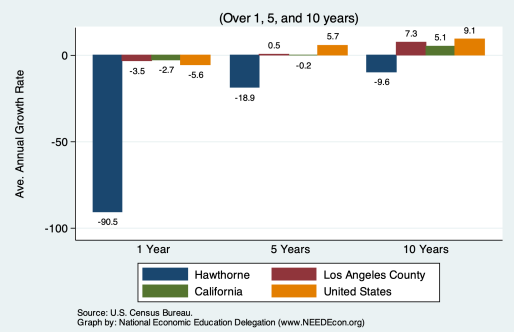


Figure 74: Average Annual Growth in Value Permitted



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 housing 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 Car Alone

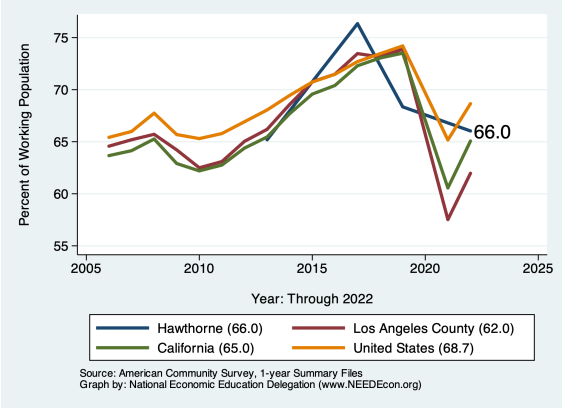


Figure 76: Percent of Workers Commuting by Carpool

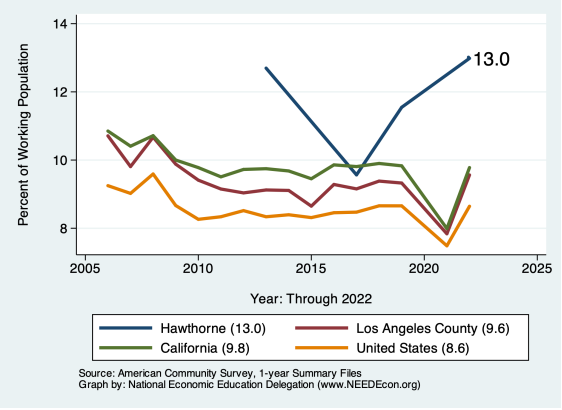


Figure 77: Percent of Workers using Public Transportation

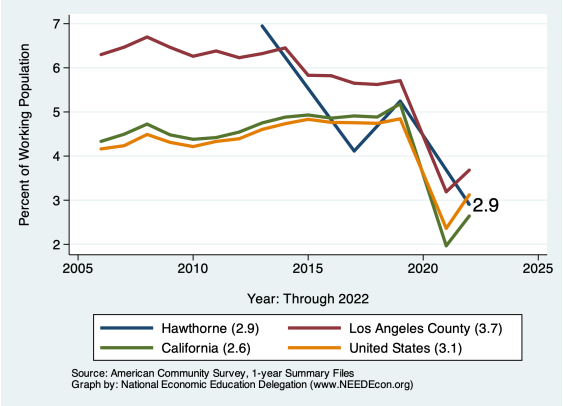
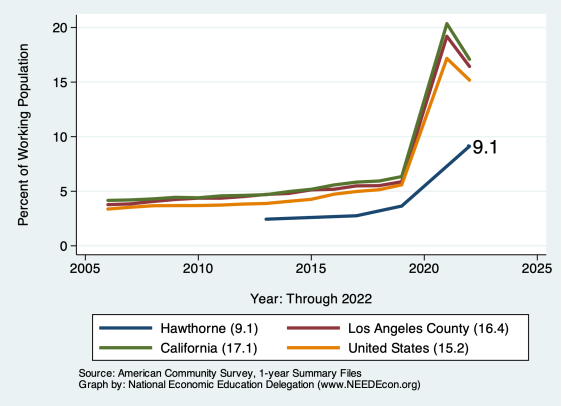


Figure 78: Percent of Workers Who Work From Home



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The first table on this page presents data for those who LIVE in Hawthorne. The second provides data on those who work, but do not necessarily live in Hawthorne. 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		Female		All Workers		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	17,908	76.8	16,696	81.5	34,604	79.0	75.3
Drove Alone	15,404	66.1	13,514	66.0	28,918	66.0	65.5
Carpooled:	2,504	10.7	3,182	15.5	5,686	13.0	9.8
In 2-person carpool	1,685	7.2	1,998	9.8	3,683	8.4	7.0
In 3-person carpool	594	2.5	1,112	5.4	1,706	3.9	1.7
In 4-or-more-person carpool	225	1.0	72	0.4	297	0.7	1.2
Public Transportation (excl Taxi):	631	2.7	642	3.1	1,273	2.9	2.7
Bus or Trolley Bus	409	1.8	642	3.1	1,051	2.4	1.8
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.5
Subway or Elevated	222	1.0	0	0.0	222	0.5	0.2
Railroad	0	0.0	0	0.0	0	0.0	0.1
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	781	3.3	215	1.1	996	2.3	0.7
Walked	702	3.0	363	1.8	1,065	2.4	2.4
Taxicab, Motorcycle, or other	1,166	5.0	693	3.4	1,859	4.2	1.7
Worked at Home	2,129	9.1	1,867	9.1	3,996	9.1	17.2
Total:	23,317	100.0	20,476	100.0	43,793	100.0	

Source: 2022 1-year American Community Survey, Summary File

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

	Male		Female		All Workers		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	11,417	60.5	9,642	74.4	21,059	66.5	75.3
Drove Alone	9,772	51.8	7,624	58.8	17,396	54.9	65.5
Carpooled:	1,645	8.7	2,018	15.6	3,663	11.6	9.8
In 2-person carpool	918	4.9	1,185	9.1	2,103	6.6	7.0
In 3-person carpool	528	2.8	449	3.5	977	3.1	1.7
In 4-or-more-person carpool	199	1.1	384	3.0	583	1.8	1.2
Public Transportation (excl Taxi):	260	1.4	355	2.7	615	1.9	2.6
Bus or Trolley Bus	185	1.0	324	2.5	509	1.6	1.8
Streetcar or Trolley Car	75	0.4	0	0.0	75	0.2	0.5
Subway or Elevated	0	0.0	31	0.2	31	0.1	0.2
Railroad	0	0.0	0	0.0	0	0.0	0.1
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	276	1.5	159	1.2	435	1.4	0.7
Walked	646	3.4	363	2.8	1,009	3.2	2.4
Taxicab, Motorcycle, or other	1,012	5.4	324	2.5	1,336	4.2	1.7
Worked at Home	2,129	11.3	1,867	14.4	3,996	12.6	17.2
Total:	15,740	83.4	12,710	98.0	28,450	89.8	

Source: 2022 1-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

	Male		Female		All Workers		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Less than 5 minutes	1,000	4.5	301	1.3	1,301	3.0	2.1
5 to 9 minutes	1,252	5.6	810	3.5	2,062	4.7	7.8
10 to 14 minutes	2,180	9.8	2,174	9.5	4,354	9.9	12.4
15 to 19 minutes	2,407	10.8	3,551	15.4	5,958	13.5	15.4
20 to 24 minutes	3,180	14.3	2,887	12.6	6,067	13.8	14.8
25 to 29 minutes	1,796	8.1	1,493	6.5	3,289	7.5	6.4
30 to 34 minutes	3,833	17.2	2,131	9.3	5,964	13.5	15.2
35 to 39 minutes	569	2.6	455	2.0	1,024	2.3	2.9
40 to 44 minutes	1,153	5.2	500	2.2	1,653	3.8	4.1
45 to 59 minutes	1,706	7.7	2,089	9.1	3,795	8.6	8.2
60 to 89 minutes	1,778	8.0	1,900	8.3	3,678	8.4	7.2
90 or more minutes	334	1.5	318	1.4	652	1.5	3.6
Total:	21,188	95.1	18,609	80.9	39,797	90.4	

Source: 2022 1-year American Community Survey, Summary File

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

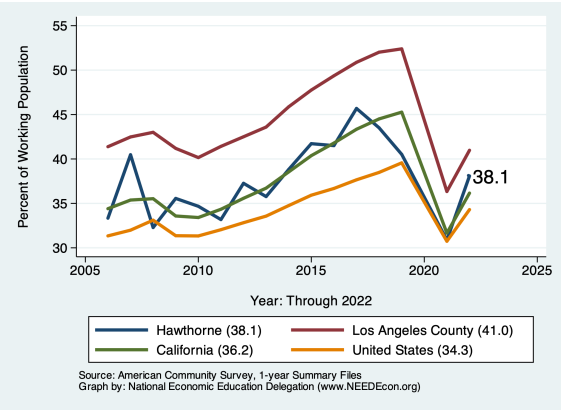


Figure 80: Percent of Employed Population With Commutes of More than 90 Minutes

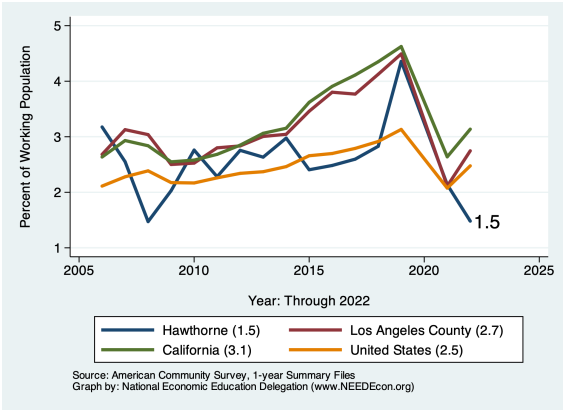
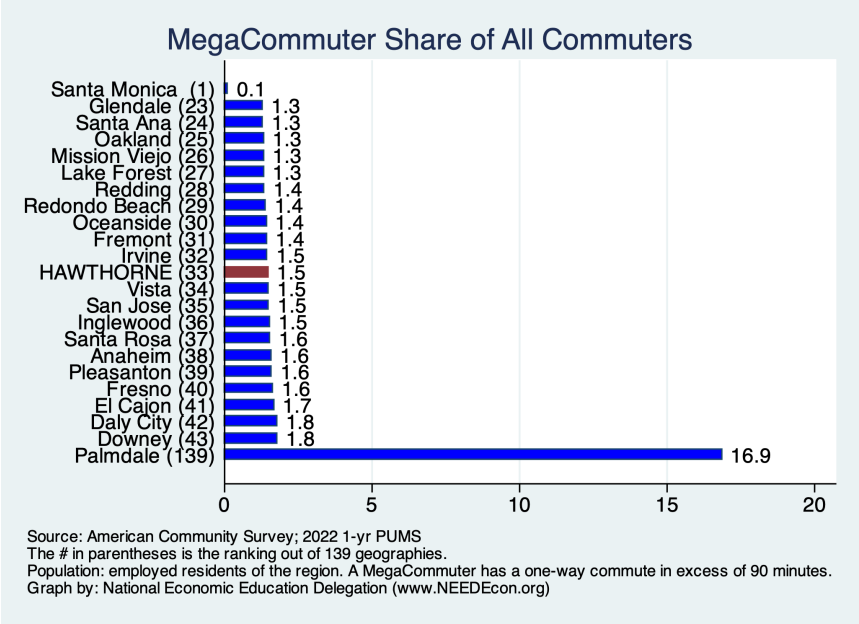


Figure 81: Rank: Share of MegaCommuters Across Similar Geographies



Commute Times for Those Employed in the City

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

	Male		Female		All Workers		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Less than 5 minutes	538	2.9	301	2.3	839	2.7	2.1
5 to 9 minutes	642	3.5	784	6.0	1,426	4.6	7.8
10 to 14 minutes	1,850	10.0	1,994	15.1	3,844	12.3	12.4
15 to 19 minutes	2,031	10.9	2,265	17.2	4,296	13.8	15.3
20 to 24 minutes	2,140	11.5	987	7.5	3,127	10.0	14.8
25 to 29 minutes	731	3.9	555	4.2	1,286	4.1	6.4
30 to 34 minutes	1,821	9.8	1,721	13.1	3,542	11.4	15.2
35 to 39 minutes	510	2.7	514	3.9	1,024	3.3	2.9
40 to 44 minutes	237	1.3	252	1.9	489	1.6	4.1
45 to 59 minutes	1,666	9.0	700	5.3	2,366	7.6	8.2
60 to 89 minutes	1,292	7.0	616	4.7	1,908	6.1	7.2
90 or more minutes	153	0.8	154	1.2	307	1.0	3.6
Total:	13,611	73.3	10,843	82.3	24,454	78.5	

Source: 2022 1-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 Commutes of More than 30 Minutes

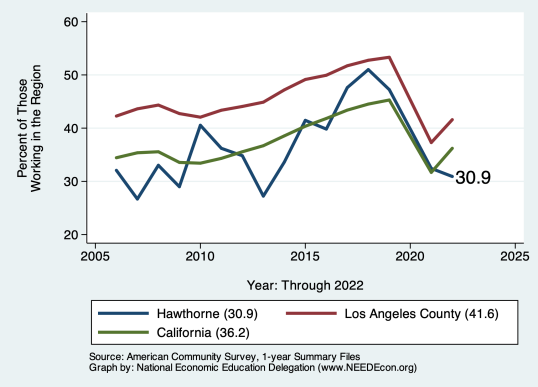


Figure 83: Percent of Local Employees With Commutes of More than 90 Minutes

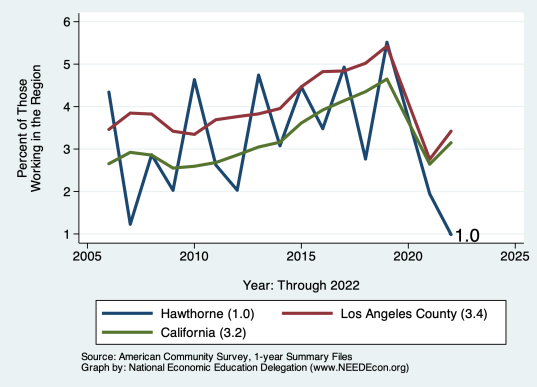
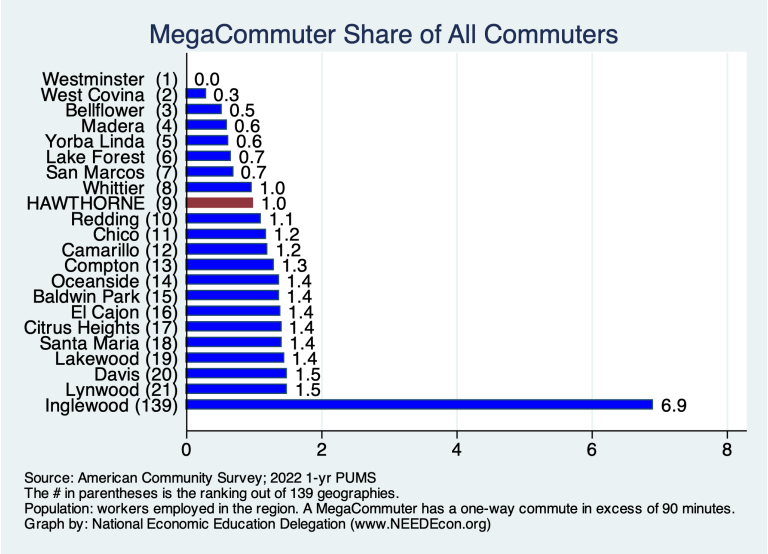


Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



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Place of Work

This section provides evidence on where workers living in Hawthorne work. As evidenced in the first table, some of Hawthorne'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 Hawthorne 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:	23,186	99.4	20,476	87.0	43,662	97.1	99.6
Worked in county of residence	22,330	95.8	19,998	85.0	42,328	94.2	85.3
worked outside of county of residence	856	3.7	478	2.0	1,334	3.0	14.3
Worked outside state of residence	131	0.6	0	0.0	131	0.3	0.4
Total:	23,317	100.0	20,476	87.0	43,793	97.4	

Source: 2022 1-year American Community Survey, Summary File

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

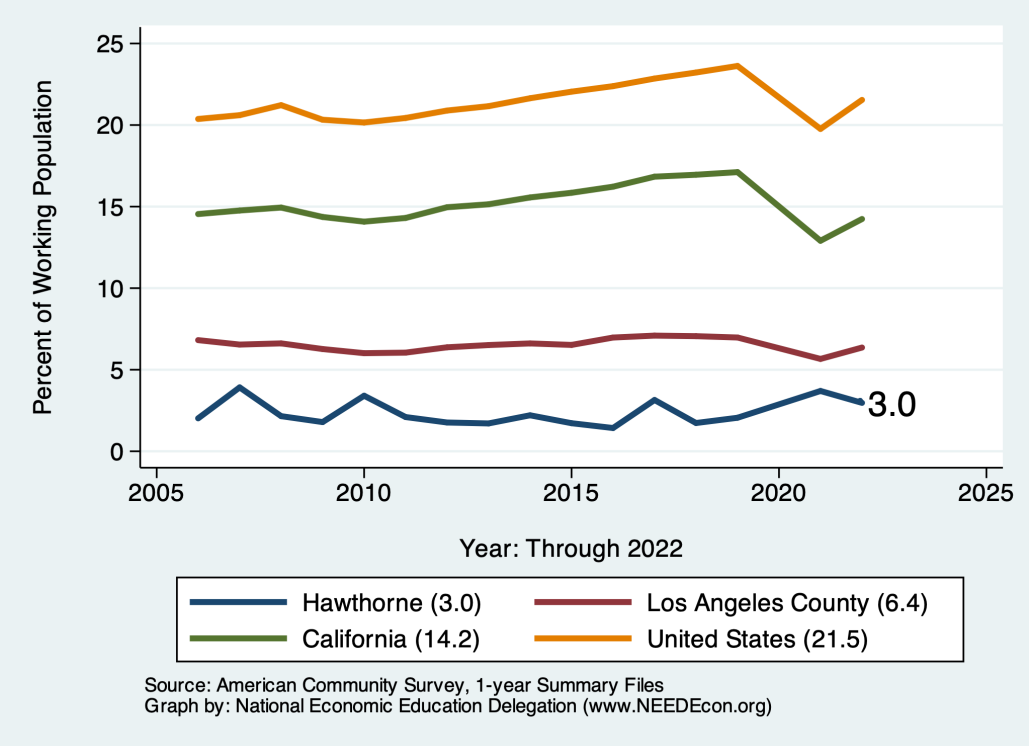
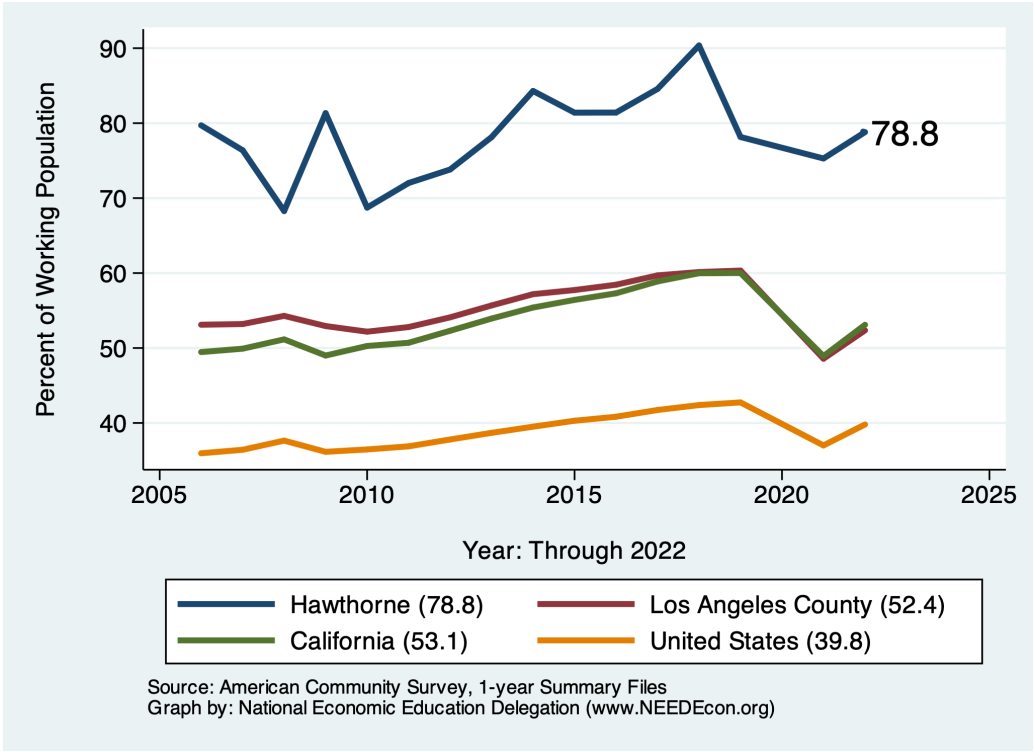


Table 11. SEX OF WORKERS BY PLACE OF WORK–PLACE LEVEL

	Male		Female		All Workers		All of CA
Place of Work	#	(%)	#	(%)	#	(%)	(%)
Living in a place:	23,317	100.0	20,476	87.0	43,793	97.4	95.8
Worked in place of residence	3,980	17.1	4,388	18.7	8,368	18.6	42.3
Worked outside place of residence	19,337	82.9	16,088	68.4	35,425	78.8	53.4
Not living in a place	0	0.0	0	0.0	0	0.0	4.2
Total:	23,317	100.0	20,476	87.0	43,793	97.4	

Source: 2022 1-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 States	
	Median	*Median*	*Ratio*	*Median*	*Ratio*
Car, truck, or van - drove alone	43,692	48,335	111.3	45,677	109.6
Car, truck, or van - carpooled	27,192	35,926	93.2	34,518	90.2
Public transportation (excluding taxicab)	34,377	34,625	122.2	41,443	95.0
Walked	31,106	30,552	125.3	27,247	130.8
Taxicab, motorcycle, bicycle, or other means	27,688	40,631	83.9	36,218	87.6
Worked from home	61,102	79,738	94.3	69,180	101.2
Total:	40,478	49,818	81.3	46,365	87.3

Source: 2022 1-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.
2) For regions with more than one geography, the medians are averages weighted by working population.

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

	< $25,000		$25,000-$74,999		$75,000+		All		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	7,260	37.5	11,703	77.4	6,048	61.1	29,947	68.4	68.4
Car, Truck, or Van: Carpooled	1,604	8.3	1,233	8.2	502	5.1	4,235	9.7	9.5
Public Transportation (excl Taxi)	729	3.8	474	3.1	73	0.7	1,669	3.8	3.6
Walked	243	1.3	189	1.3	38	0.4	554	1.3	2.4
Taxicab, Motorcycle, or other	1,010	5.2	476	3.1	193	1.9	2,021	4.6	2.4
Worked at Home	737	3.8	1,041	6.9	1,143	11.5	3,346	7.6	13.6
Total:	11,583	59.8	15,116		7,997	80.8	41,772	95.4	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+		All		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	4,736	47.9	7,362	74.9	7,016	77.5	22,332	70.5	68.5
Car, Truck, or Van: Carpooled	919	9.3	857	8.7	620	6.8	2,959	9.3	9.5
Public Transportation (excl Taxi)	389	3.9	201	2.0	26	0.3	813	2.6	3.6
Walked	319	3.2	215	2.2	44	0.5	630	2.0	2.4
Taxicab, Motorcycle, or other	581	5.9	150	1.5	204	2.3	1,113	3.5	2.4
Worked at Home	737	7.5	1,041	10.6	1,143	12.6	3,346	10.6	13.6
Total:	7,681	77.7	9,826		9,053		31,193	98.5	

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 Mode by Poverty Status

Table 15. MODE OF TRANSPORTATION TO WORK BY POVERTY STATUS

	In Poverty		100-149% of Pov		>150% of Pov		All		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	995	23.5	1,798	34.0	26,125	64.9	28,918	64.3	65.8
Car, Truck, or Van: Carpooled	374	8.8	281	5.3	5,031	12.5	5,686	12.6	9.8
Public Transportation (excl Taxi)	242	5.7	0	0.0	1,031	2.6	1,273	2.8	2.6
Walked	69	1.6	210	4.0	786	2.0	1,065	2.4	2.1
Taxicab, Motorcycle, or other	784	18.5	111	2.1	1,960	4.9	2,855	6.4	2.4
Worked at Home	38	0.9	209	4.0	3,749	9.3	3,996	8.9	17.2
Total:	2,502	59.0	2,609	49.3	38,682	96.1	43,793	97.4	

Source: 2022 1-year American Community Survey, Summary File

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

	In Poverty		100-149% of Pov		>150% of Pov		All		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	1,079	44.5	828	26.1	20,425	69.9	22,332	68.4	68.7
Car, Truck, or Van: Carpooled	138	5.7	175	5.5	2,630	9.0	2,943	9.0	9.5
Public Transportation (excl Taxi)	42	1.7	65	2.1	706	2.4	813	2.5	3.6
Walked	77	3.2	77	2.4	476	1.6	630	1.9	2.1
Taxicab, Motorcycle, or other	233	9.6	121	3.8	759	2.6	1,113	3.4	2.4
Worked at Home	77	3.2	178	5.6	3,091	10.6	3,346	10.2	13.6
Total:	1,646	68.0	1,444	45.6	28,087	96.1	31,177	95.5	

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 Hawthorne 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

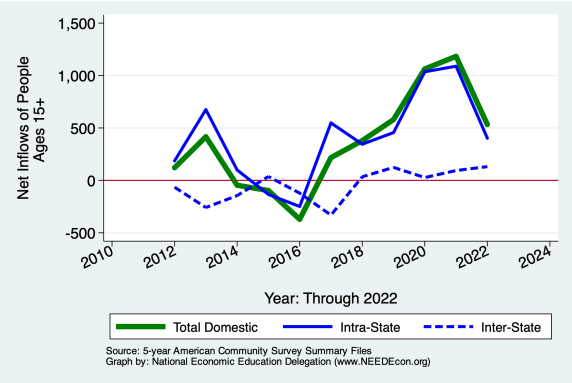


Table 17: Migration by Income

		Net Inflows				
			Same State			
Category	Population	All Migration	W/in County	Between Counties	Across States	From Abroad
No income	11,601	137	6	−132	70	193
With income	57,351	959	907	−379	61	370
$1 to $9,999 or loss	7,645	155	278	−126	−105	108
$10,000 to $14,999	5,173	171	112	−26	20	65
$15,000 to $24,999	7,906	228	124	77	1	26
$25,000 to $34,999	8,805	213	138	−64	50	89
$35,000 to $49,999	9,065	201	191	−102	39	73
$50,000 to $64,999	5,639	181	82	−8	107	0
$65,000 to $74,999	3,410	2	−13	9	6	0
$75,000 or more	9,708	−192	−5	−139	−57	9
All:	68,952	1,096	913	−511	131	563

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

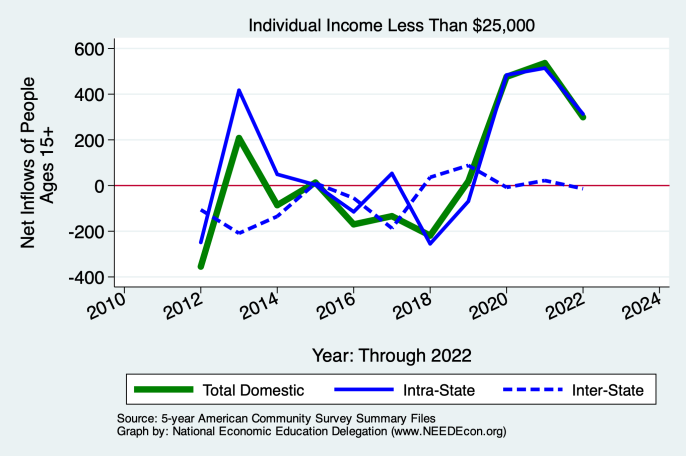


Figure 89: Overall Movements of Middle Income Residents

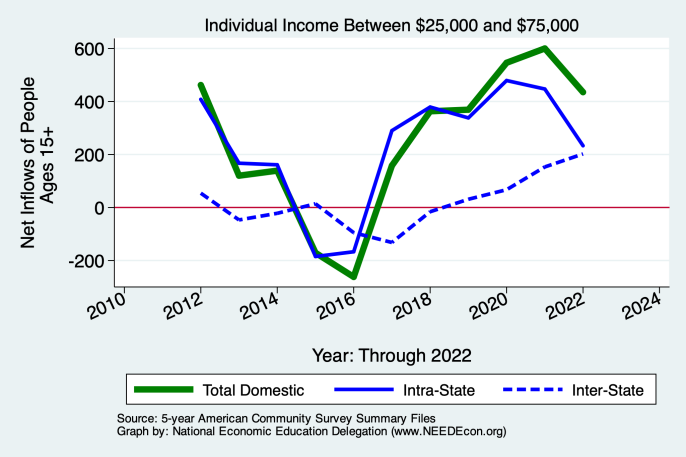
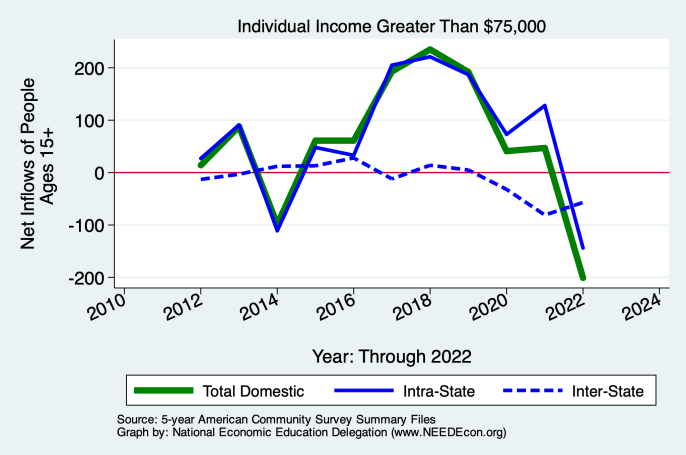


Figure 90: Overall Movements of High Income Residents



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Demographics of Migration Flows

Table 18: Migration by Marital Status

		Net Inflows				
			Same State			
Category	Population	All Migration	W/in County	Between Counties	Across States	From Abroad
Never married	31,501	161	140	−245	2	264
Now married, except separated	26,301	357	320	−292	108	221
Divorced	6,193	255	201	−27	24	57
Separated	2,183	159	62	35	53	9
Widowed	2,774	164	190	18	−56	12
Total:	68,952	1,096	913	−511	131	563

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

Table 19: Migration by Tenure

		Net Inflows				
			Same State			
Category	Population	All Migration	W/in County	Between Counties	Across States	From Abroad
Householder lived in owner-occupied housing units	26,031	−1,013	−1,264	−263	213	301
Householder lived in renter-occupied housing units	56,875	1,253	789	−200	−134	798
Total:	82,906	240	−475	−463	79	1,099

Source: 2022 1-year American Community Survey, Summary File

Figure 91: Domestic Movements of Residents by Tenure

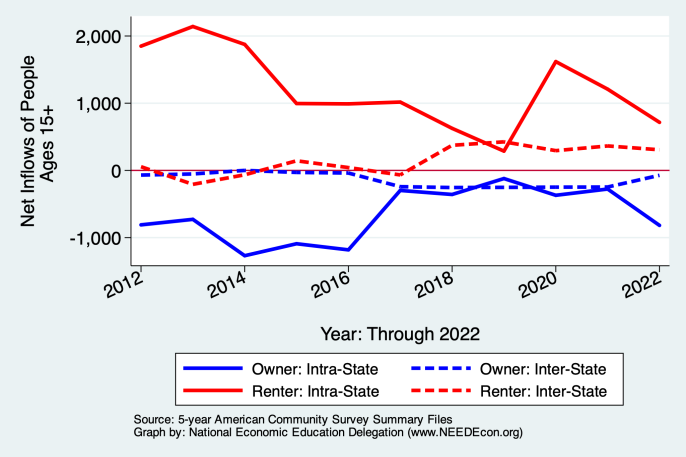

Table 20: Migration by Age

Category	Population	Net Inflows				
			Same State			
		All Migration	W/in County	Between Counties	Across States	From Abroad
1 to 4 years	4,557	28	−136	24	33	107
5 to 17 years	15,735	−277	−332	−277	68	264
18 and 19 years	2,276	−26	32	−70	12	0
20 to 24 years	6,210	138	169	−122	−40	131
25 to 29 years	8,029	324	31	91	33	169
30 to 34 years	8,032	33	57	−88	−23	87
35 to 39 years	5,916	179	244	−150	69	16
40 to 44 years	6,193	−104	−98	−42	36	0
45 to 49 years	5,539	113	54	−39	43	55
50 to 54 years	6,146	135	114	−3	9	15
55 to 59 years	4,636	355	272	17	37	29
60 to 64 years	4,559	39	−3	0	24	18
65 to 69 years	2,443	−22	95	−69	−48	0
70 to 74 years	2,219	−25	−4	4	−25	0
75 years and over	3,187	−5	7	8	−36	16
Total Population:	85,677	885	502	−716	192	907

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

Table 21: Migration by Educational Attainment

Category	Population	Net Inflows				
			Same State			
		All Migration	W/in County	Between Counties	Across States	From Abroad
Less than high school graduate	12,221	298	137	−66	68	159
High school graduate (includes equiv)	13,869	593	468	17	−57	165
Some college or assoc. degree	16,941	244	36	3	162	43
Bachelor's degree	9,538	−264	−12	−175	−97	20
Graduate or professional degree	4,330	151	140	−50	43	18
Total:	56,899	1,022	769	−271	119	405

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	34,938	34,938
Moved Within Same County	45,000	51,743
Moved to Different County, Same State	40,658	43,750
Moved Between States	60,945	16,277
Moved from Abroad	13,870	
Total Population:	35,794	35,523

Source: 2022 1-year American Community Survey, Summary File

Table 23: Median Age of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago	36.0	36.0
Moved Within Same County	32.3	32.2
Moved to Different County, Same State	29.5	30.1
Moved Between States	27.0	37.5
Moved from Abroad	22.8	
Total Population:	34.9	35.1

Source: 2022 1-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/

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