

Concord, California

Indicators Report

by
The National Economic Education Delegation (NEED)

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Exploring the economics, demographics, and well-being of Concord 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 Concord (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 Concord. These indicators are compared to Contra Costa County (the County) as a whole, a broader region where one is well defined, California, and the United States.

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 snapshot of Concord 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 of employment and unemployment in Concord 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 Concord, 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 proportion 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 Concord, but do not necessarily live in Concord.
- **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 composition.

Why is it important?

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

A Demographic Snapshot

Statistic	2022	2019
POPULATION		
Population Estimate (#, 5yr)	125,007.0	129,183.0
Veterans (#, 5yr)	4,609.0	5,529.0
Foreign born persons (% , 5yr)	25.6	27.5
Population age 25+ (#, 5yr)	90,278.0	92,086.0
AGE AND SEX		
Persons under 5 years (% , 5yr)	6.7	6.4
Persons under 18 years (% , 5yr)	20.5	20.6
Persons 65 years and over (% , 5yr)	15.8	15.0
Female persons (% , 5yr)	50.1	50.3
INCOME AND POVERTY		
Median household income (\$, 5yr)	107,789.0	89,564.0
Per capita income in past 12 months (\$, 5yr)	48,628.0	39,877.0
Persons in poverty (% , 5yr)	9.2	9.8
Children age less than 18 in poverty (#, 5yr)	2,933.0	3,047.0
Children age less than 18 in poverty (% , 5yr)	11.6	11.6
RACE AND ETHNICITY		
White alone (% , 5yr)	51.4	62.5
African American alone (% , 5yr)	3.8	3.4
American Indian or Alaska Native alone (% , 5yr)	0.9	0.5
Asian alone (% , 5yr)	13.7	12.6
Native Hawaiian and Other Pacific Islander alone (% , 5yr)	0.2	0.6
Two or More Races (% , 5yr)	16.1	7.2
Hispanic or Latino (% , 5yr)	31.2	29.9
White alone, not Hispanic or Latino (% , 5yr)	44.1	48.6
HOUSING		
Housing units (#, 5yr)	46,745.0	48,096.0
Owner-occupied housing units (% , 5yr)	61.1	59.9
Median value of owner-occupied housing units (\$, 5yr)	706,700.0	551,300.0
Median selected monthly owner costs-with a mortgage (\$, 5yr)	2,853.0	2,435.0
Median selected monthly owner costs-without a mortgage (\$, 5yr)	717.0	586.0
Median gross rent (\$, 5yr)	2,137.0	1,716.0
FAMILIES AND LIVING ARRANGEMENTS		
Households (#, 5yr)	45,574.0	46,455.0
Persons per household (#, 5yr)	2.7	2.8
Living in same house 1 year ago, % of persons age 1+ (5yr)	86.7	84.8
EDUCATION		
High school graduate or higher, % of persons age 25+ (5yr)	88.6	88.8
Bachelor's degree or higher, % of persons age 25+ (5yr)	36.7	36.4
HEALTH		
With a disability, under age 65 years (#, 5yr)	9,276.0	8,620.0
Persons without health insurance, under age 65 years (% , 5yr)	5.6	6.2
LABOR FORCE		
In civilian labor force, persons age 16+ (% , 5yr)	67.1	67.3
In civilian labor force, women age 16+ (% , 5yr)	63.0	61.0
Employed, persons age 16+ (% , 5yr)	61.2	61.4
Self employed (% , 5yr)	10.8	10.0
TRANSPORTATION		
Mean travel time to work, workers age 16+ (Mins., 5yr)	29.2	34.3
Drive alone in private vehicle (% , 5yr)	63.4	68.6
Using public transportation (% , 5yr)	14.0	17.5
Worked from home (% , 5yr)	13.9	5.3

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)

Region	2023 Population	% Change		
		1 Year	3 Year	5 Year
City				
Concord	122,074	-0.84	-5.70	-5.73
County and Broader Regions				
Contra Costa County	1,147,653	-0.36	-0.19	-0.02
Bay Area	7,548,792	-0.45	-2.58	-2.62
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)

City	2022	2023	% Change		
			Local	Bay Area	California
Contra Costa County	1,151.8	1,147.7	-0.36	-0.45	-0.35
Concord	123.1	122.1	-0.84		
Antioch	114.4	115.4	0.94		
Richmond	114.5	113.5	-0.88		
San Ramon	83.6	82.9	-0.86		
Pittsburg	74.7	74.8	0.16		
Walnut Creek	69.6	69.2	-0.51		
Brentwood	64.2	64.5	0.46		
Oakley	44.3	45.0	1.67		
Danville	43.2	42.8	-0.79		
Martinez	36.8	36.5	-0.67		
Pleasant Hill	33.7	33.4	-0.89		
San Pablo	31.6	31.3	-1.02		
Hercules	25.9	26.3	1.36		
El Cerrito	25.7	25.5	-0.88		
Lafayette	25.1	25.0	-0.46		
Orinda	19.3	19.2	-0.52		
Pinole	18.4	18.2	-1.07		
Moraga	17.1	16.9	-0.95		
Clayton	10.8	10.7	-1.08		

Source: CA DOF; Calculations by National Economic Education Delegation

Figure 1: Population Growth (1)

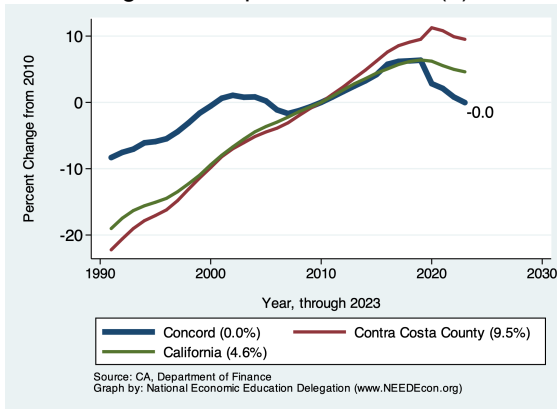


Figure 2: Population Growth (2)

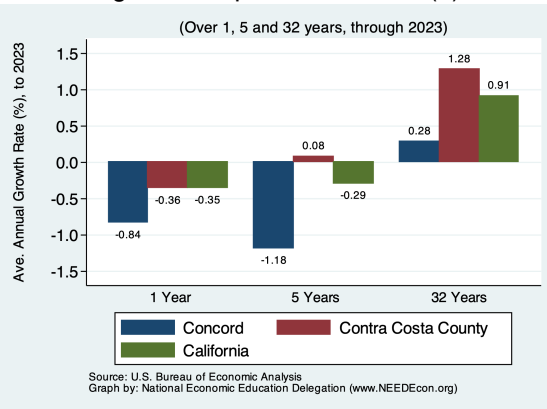


Figure 3: Population by Age - Detailed Age Categories

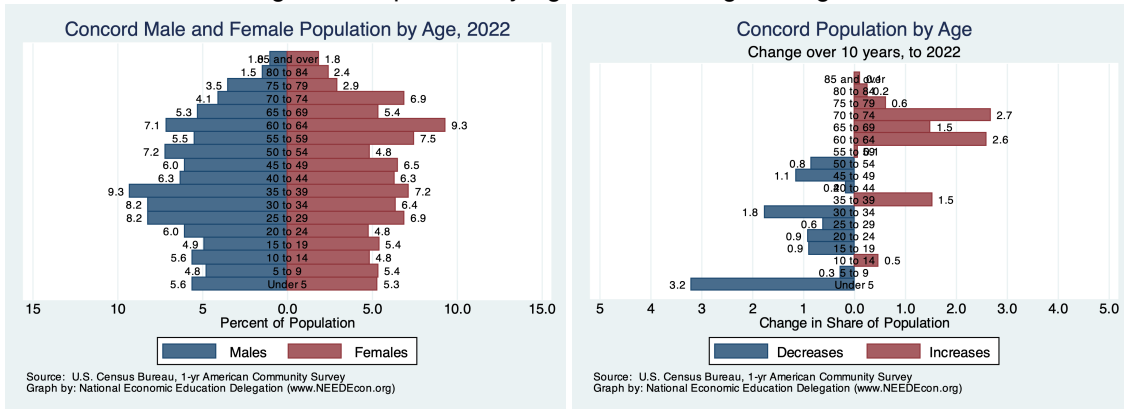


Figure 4: Population by Age - Broad Age Categories

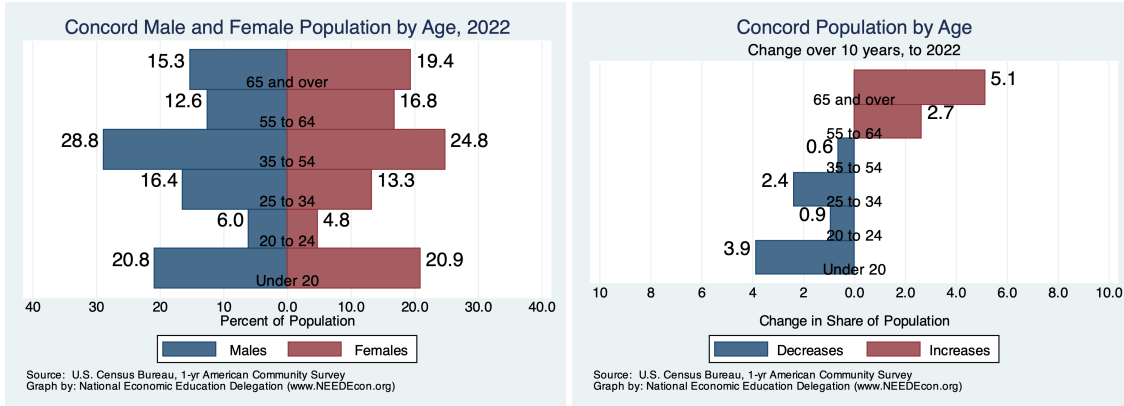


Figure 5: Population by Educational Attainment

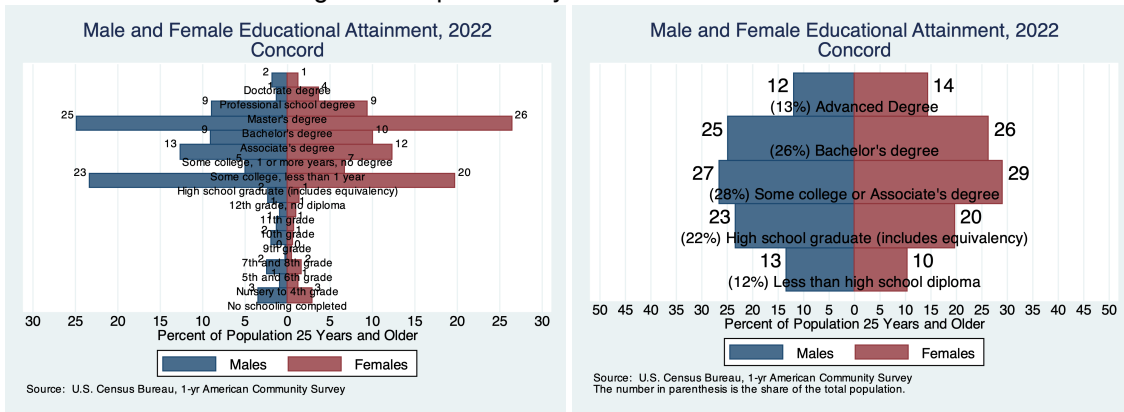


Figure 6: Population by Race/Ethnicity

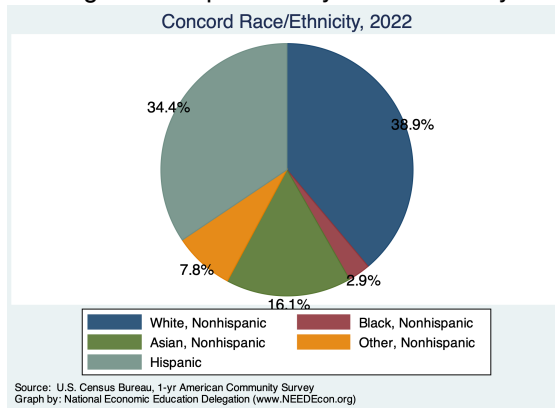
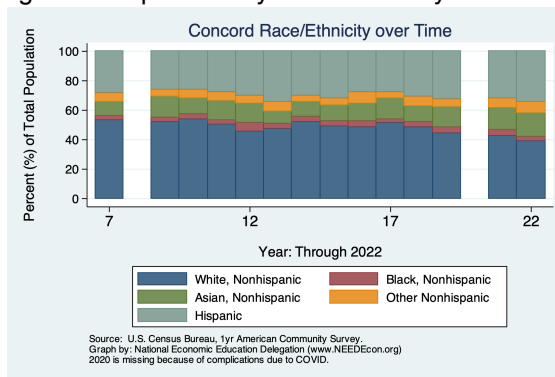


Figure 7: Population by Race/Ethnicity Over Time



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. Concord Summary for March, 2024

Category	Current Value	Change From:		
		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

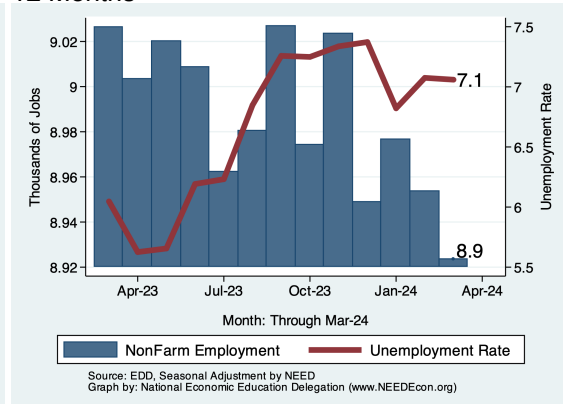
Source: EDD, National Economic Education Delegation

Figure 8: Historical Employment and Unemployment - Last 12 Months



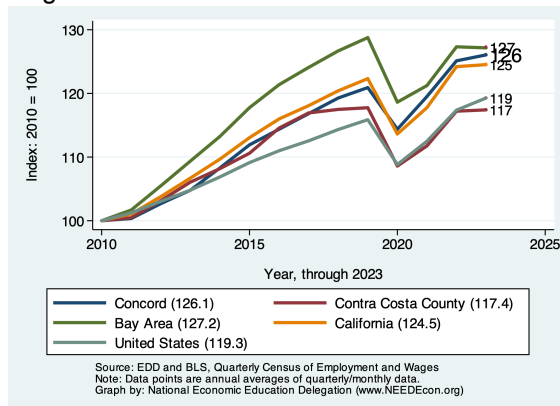
Source: EDD, Seasonal Adjustment by NEED
Graph by: National Economic Education Delegation (www.NEEDecon.org)

Figure 9: Employment and Unemployment - Last 12 Months



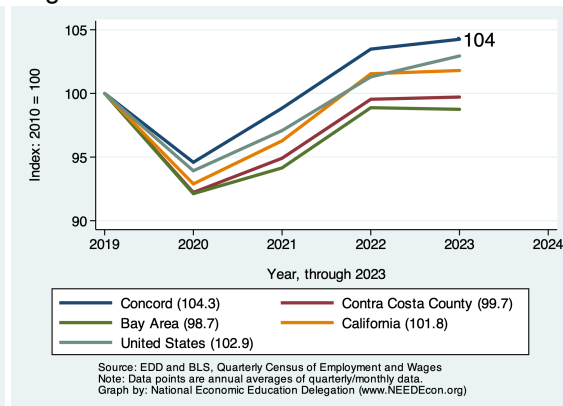
Source: EDD, Seasonal Adjustment by NEED
Graph by: National Economic Education Delegation (www.NEEDecon.org)

Figure 10: Relative Employment Growth Across Regions - since 2010



Source: EDD and BLS, Quarterly Census of Employment and Wages
Note: Data points are annual averages of quarterly/monthly data.
Graph by: National Economic Education Delegation (www.NEEDecon.org)

Figure 11: Relative Employment Growth Across Regions - since 2019



Source: EDD and BLS, Quarterly Census of Employment and Wages
Note: Data points are annual averages of quarterly/monthly data.
Graph by: National Economic Education Delegation (www.NEEDecon.org)

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 Contra Costa County. The following table provides the latest data for the County.

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

Industry	Employment	Share	Empl Growth	% Growth - Annualized Rate					
				Month	Qtr	6mo	1yr	3yr	5yr
Total Nonfarm	377,913	100.0	902.6	2.9	0.4	1.1	1.1	2.8	0.2
Goods Producing	39,893	10.6	198.5	6.2	-6.0	-3.2	-1.6	-0.0	-0.9
Mining, Logging and Construction	26,863	7.1	445.0	22.2	-8.4	-3.0	0.4	1.2	1.0
Manufacturing	13,478	3.6	-3.7	-0.3	-3.8	-2.7	-3.0	-1.1	-3.3
Durable Goods	6,291	1.7	-1.8	-0.3	-4.6	-3.2	-3.7	0.2	-0.6
Non-Durable Goods	7,225	1.9	-2.6	-0.4	-3.0	-1.6	-1.0	-1.8	-5.1
Service Providing	338,565	89.6	542.6	1.9	1.4	1.9	1.6	3.2	0.4
Trade, Trans & Utilities	63,677	16.8	-192.2	-3.6	-0.7	-1.6	-0.9	1.0	0.4
Wholesale Trade	7,775	2.1	-57.8	-8.5	-1.0	-3.3	-3.1	-1.6	-3.3
Retail Trade	41,830	11.1	-41.9	-1.2	0.9	0.7	0.4	0.9	0.1
Information	5,383	1.4	20.9	4.8	-4.5	-7.5	-6.9	-2.5	-5.3
Financial Activities	23,466	6.2	25.5	1.3	-4.7	-4.2	-2.5	-2.3	-2.6
Finance & Insurance	15,858	4.2	149.1	12.0	1.3	-1.2	-2.4	-4.6	-3.8
Real Estate & Rental & Leasing	7,522	2.0	-69.5	-10.5	-12.3	-6.0	-2.8	3.7	0.3
Professional & Business Svcs	56,006	14.8	69.1	1.5	1.0	0.9	0.2	0.0	-0.0
Prof, Sci, & Tech	26,070	6.9	70.2	3.3	2.9	3.3	1.8	1.4	1.6
Educational & Health Svcs	84,354	22.3	453.2	6.7	4.7	5.8	6.1	5.8	3.3
Education Svcs	7,747	2.1	63.0	10.3	-4.3	2.8	1.9	6.1	0.1
Health Care & Social Assistance	76,581	20.3	378.1	6.1	5.2	6.1	6.6	5.7	3.6
Leisure & Hospitality	43,027	11.4	-80.7	-2.2	1.5	2.8	1.9	12.7	0.1
Arts, Entertainment & Recreation	8,421	2.2	133.5	21.1	13.1	12.9	7.0	32.8	4.4
Accommodation & Food Svcs	34,960	9.3	-113.2	-3.8	1.8	2.0	0.8	9.3	-0.6
Other Svcs	13,060	3.5	184.7	18.6	-5.0	1.1	4.0	5.3	-1.0
Government	49,364	13.1	103.8	2.6	2.2	3.1	2.4	2.7	-0.5
Federal	4,772	1.3	0.0	0.0	-3.0	0.0	0.8	-0.9	0.3
State	1,616	0.4	-2.1	-1.5	-1.4	2.3	1.0	-1.6	0.2
Local	43,222	11.4	142.9	4.1	3.6	3.4	3.0	3.6	-0.5

Source: EDD, National Economic Education Delegation (NEED)

Some Employee Detail

Employed in Concord

Figure 12: Employment by Occupation

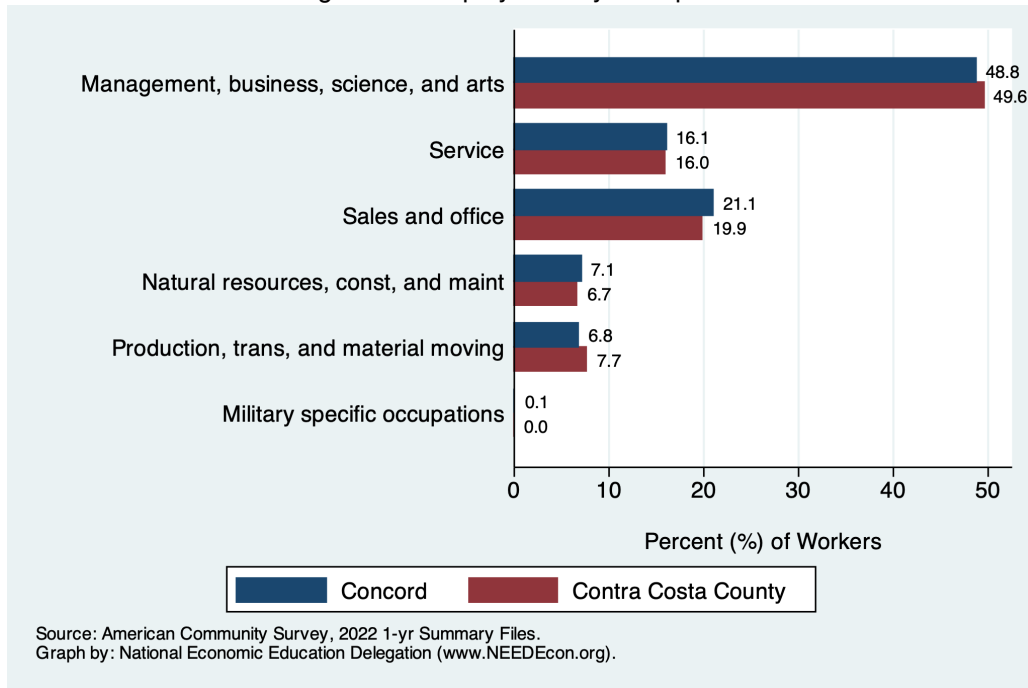


Figure 13: Employment by Industry

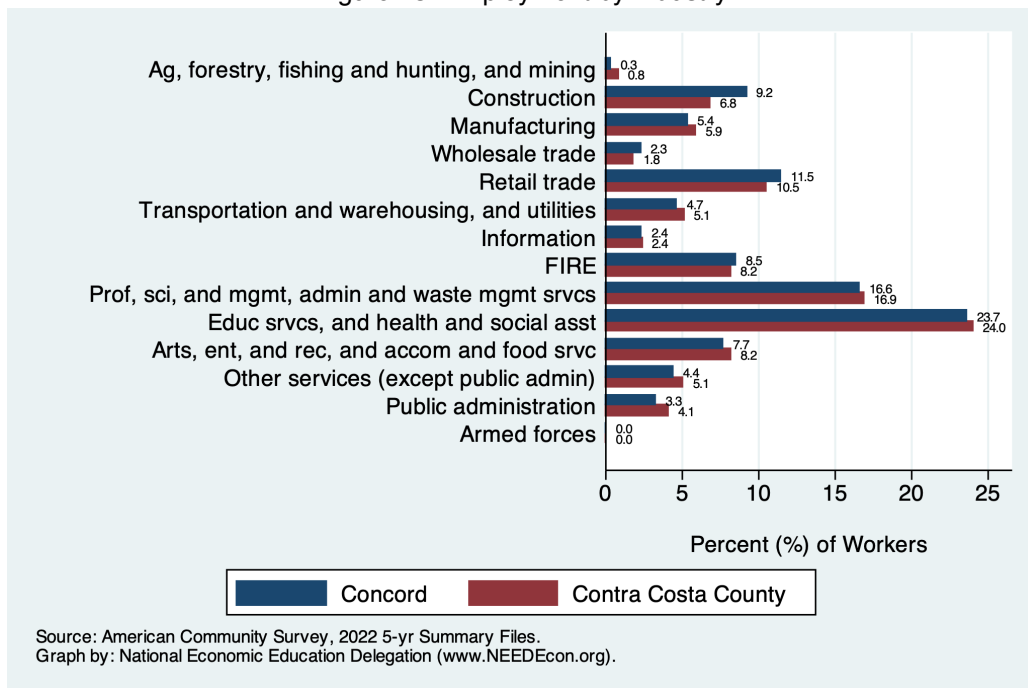


Figure 14: Language Spoken at Home

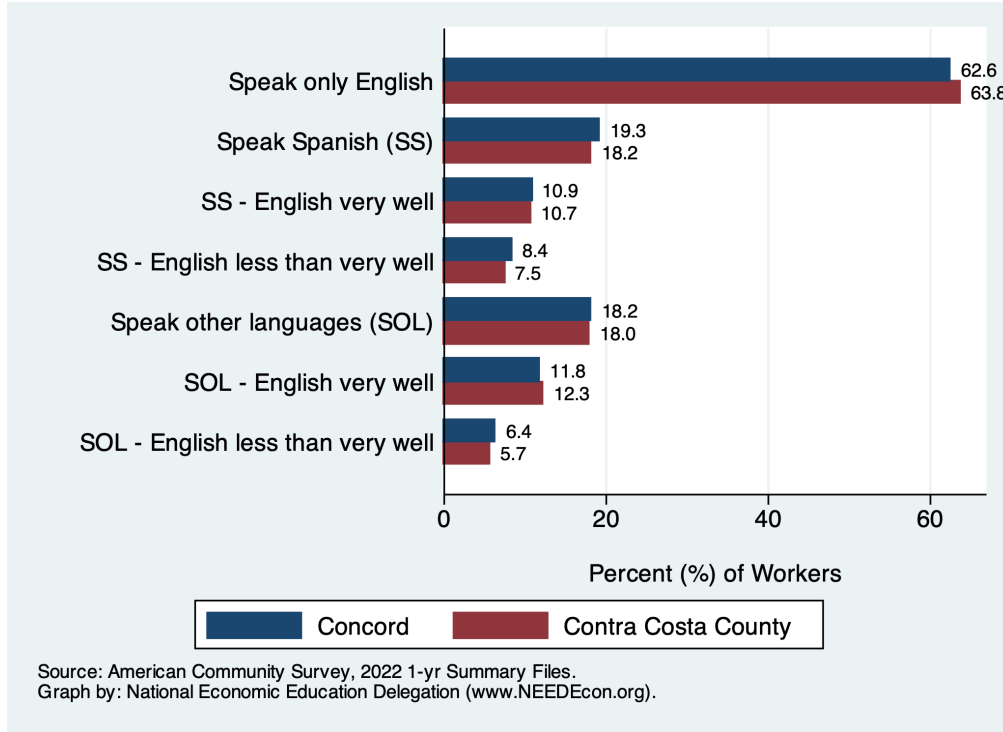
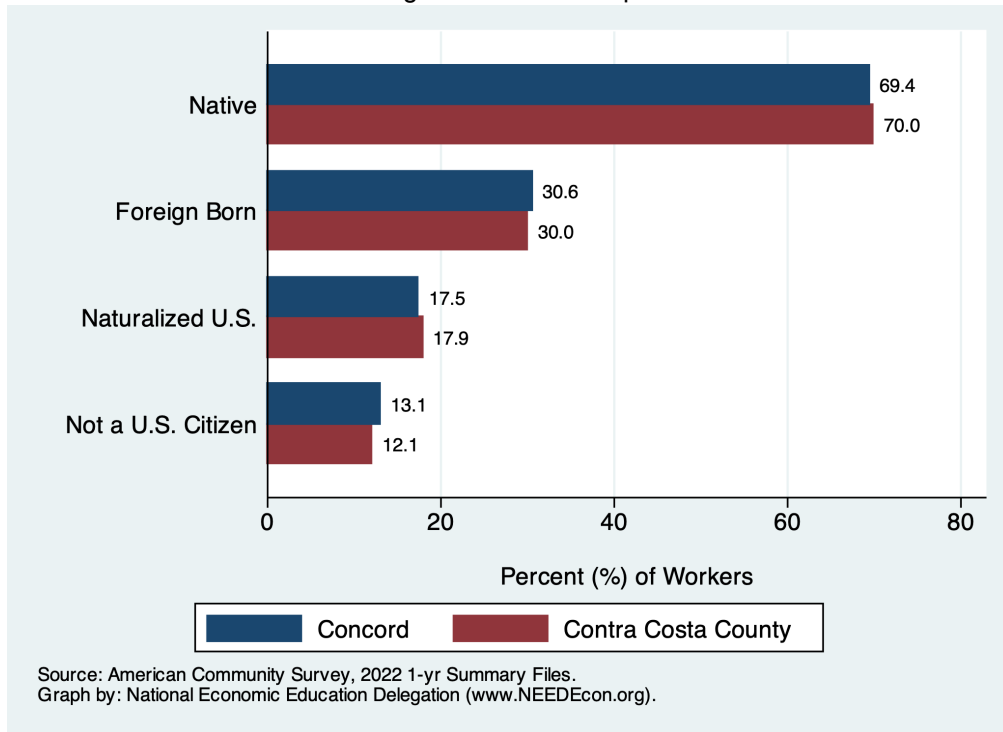


Figure 15: Citizenship



Employed Residents of Concord

Figure 16: Employment by Occupation

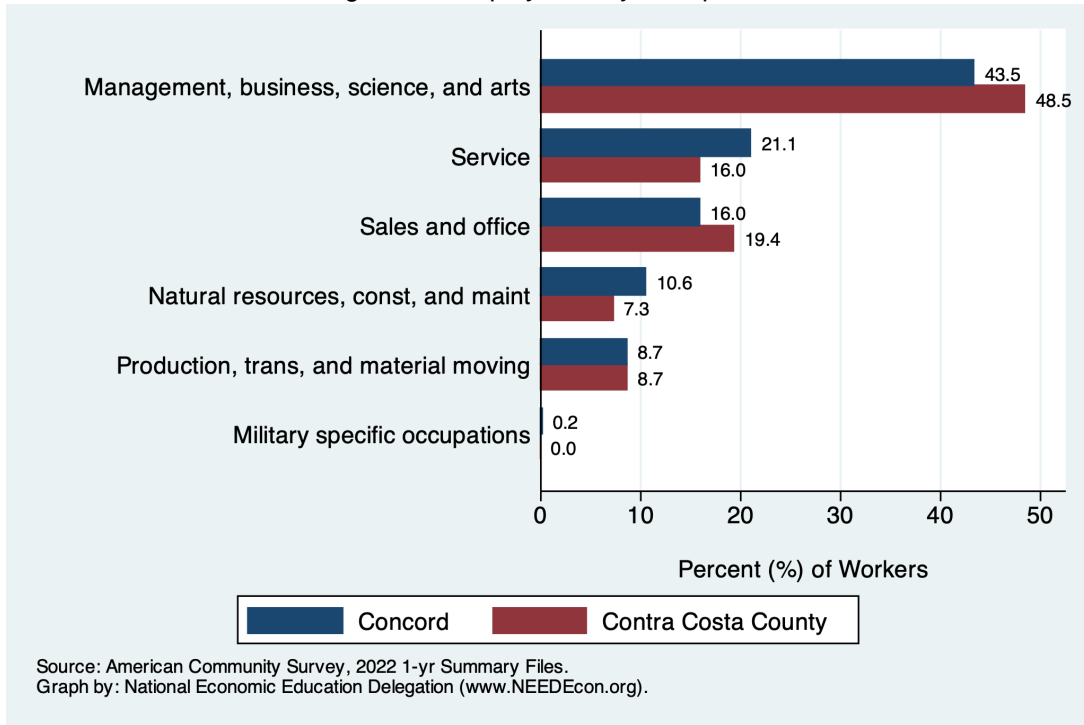


Figure 17: Employment by Industry

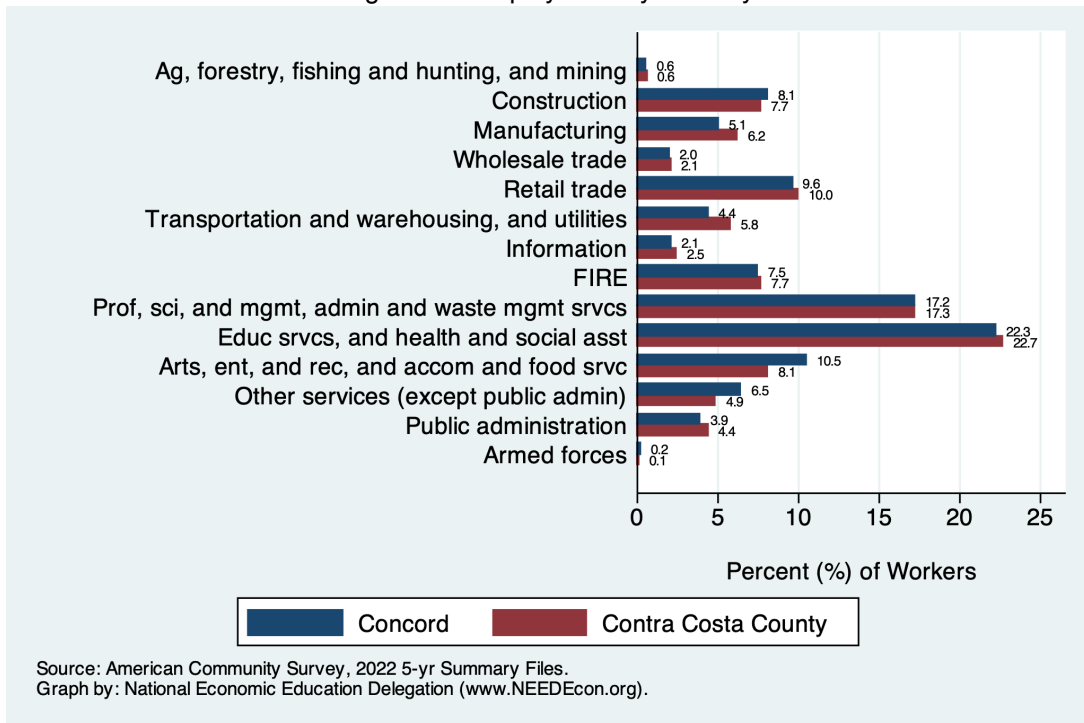


Figure 18: Language Spoken at Home

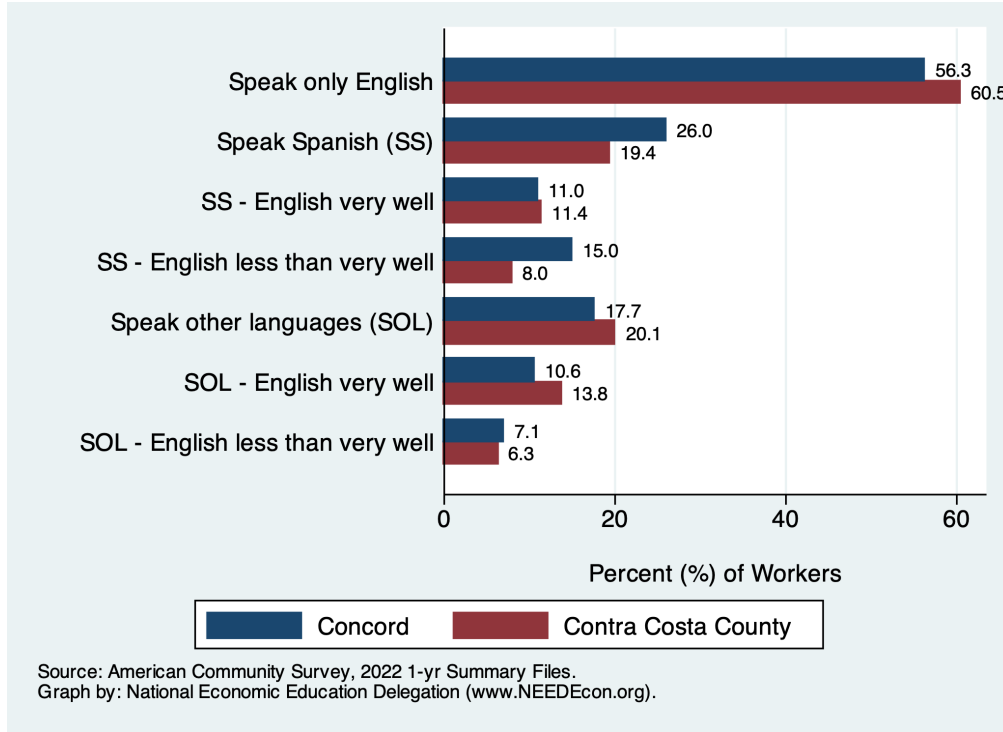
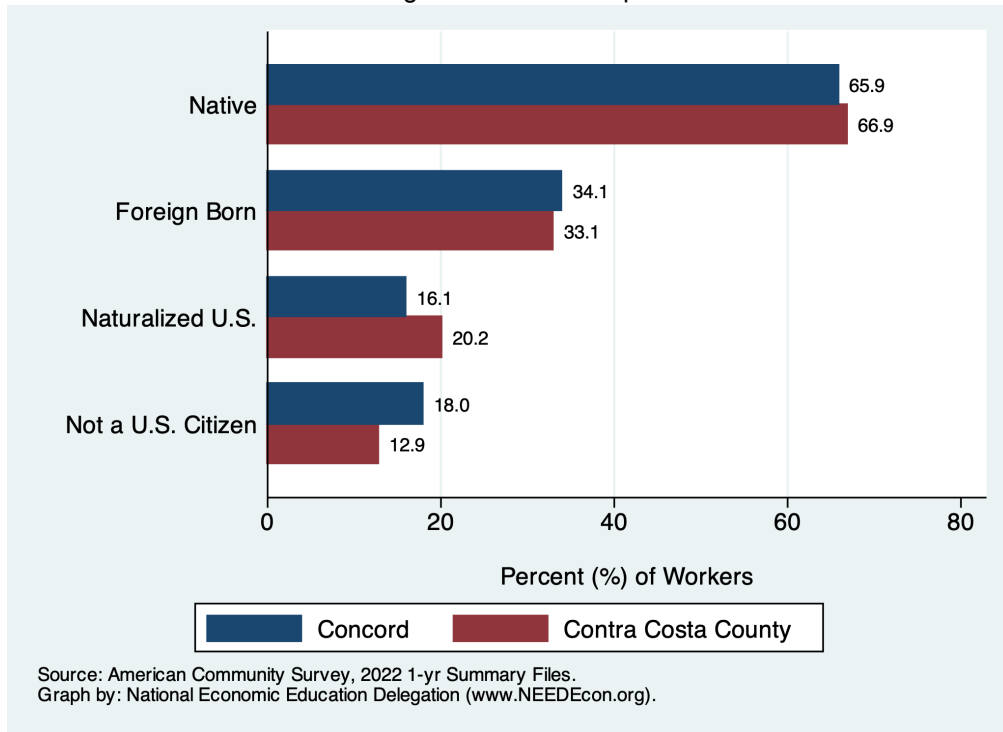


Figure 19: Citizenship



Employed Residents vs Workers in Concord

Figure 20: Employment by Occupation

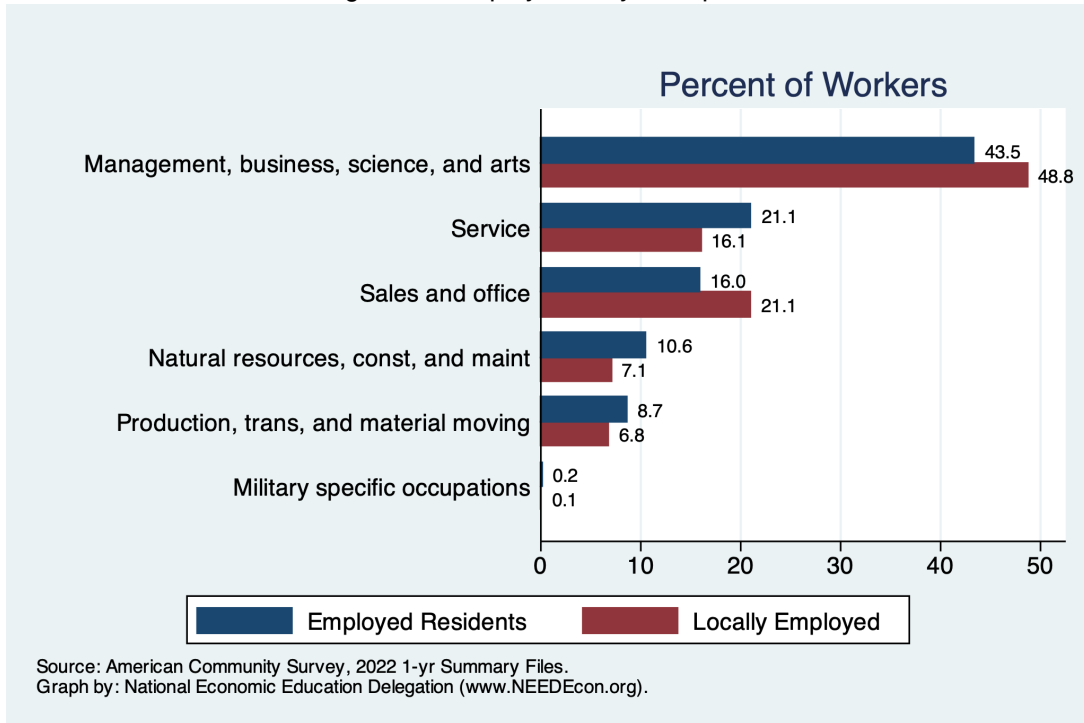


Figure 21: Employment by Industry

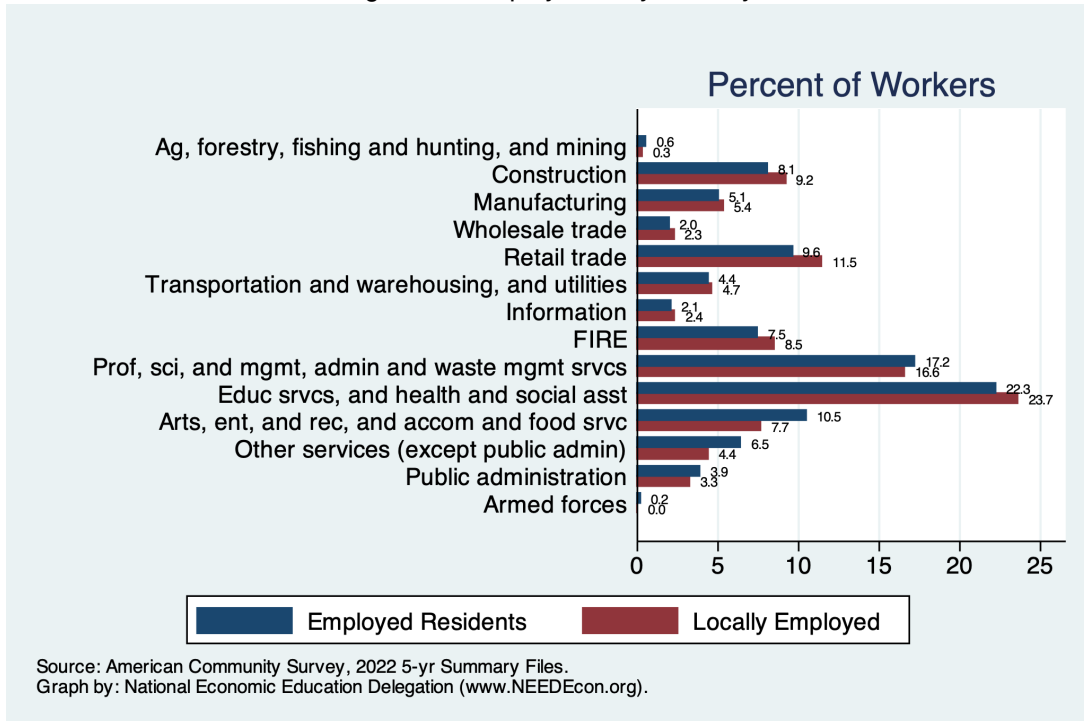


Figure 22: Language Spoken at Home

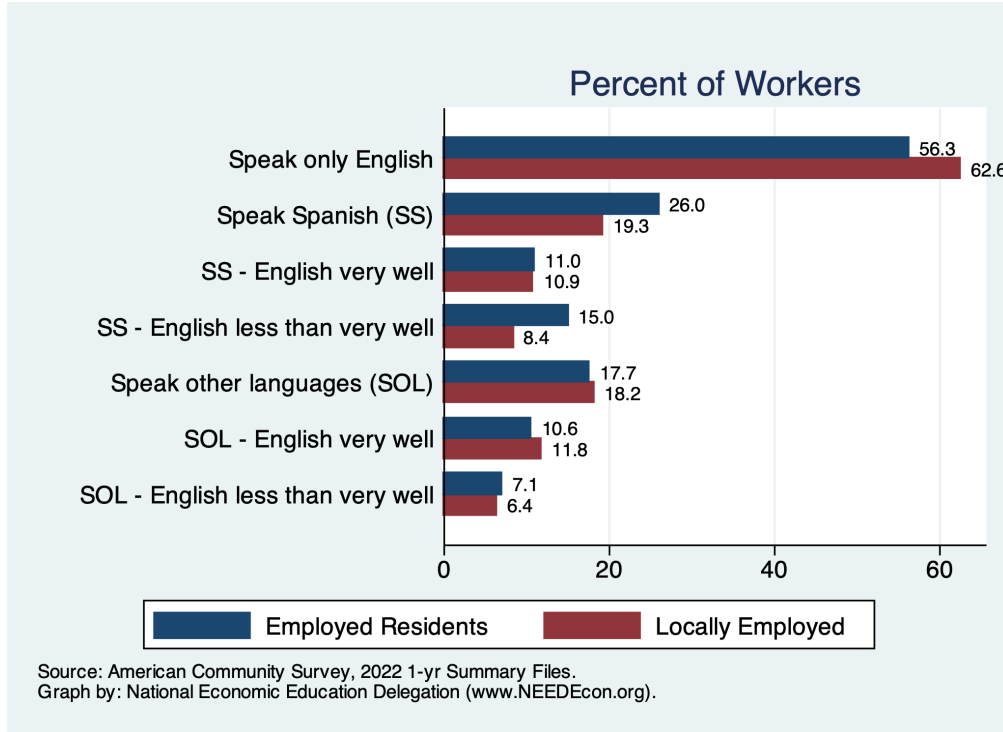
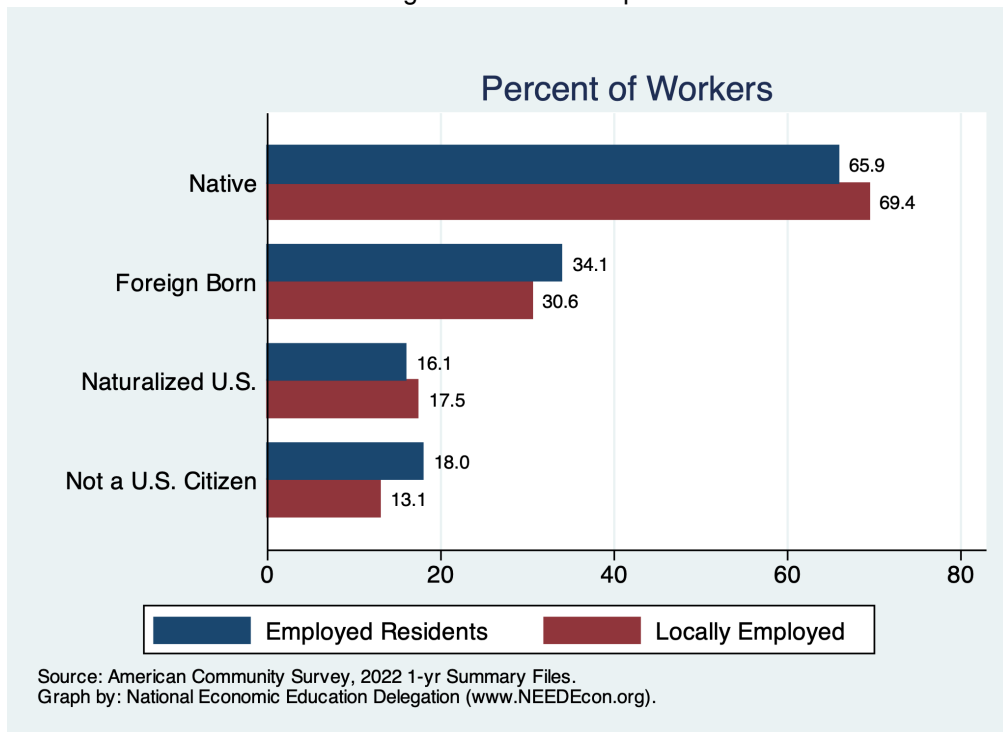


Figure 23: Citizenship



Income and Earnings

Per Capita Income Growth

Definition:

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

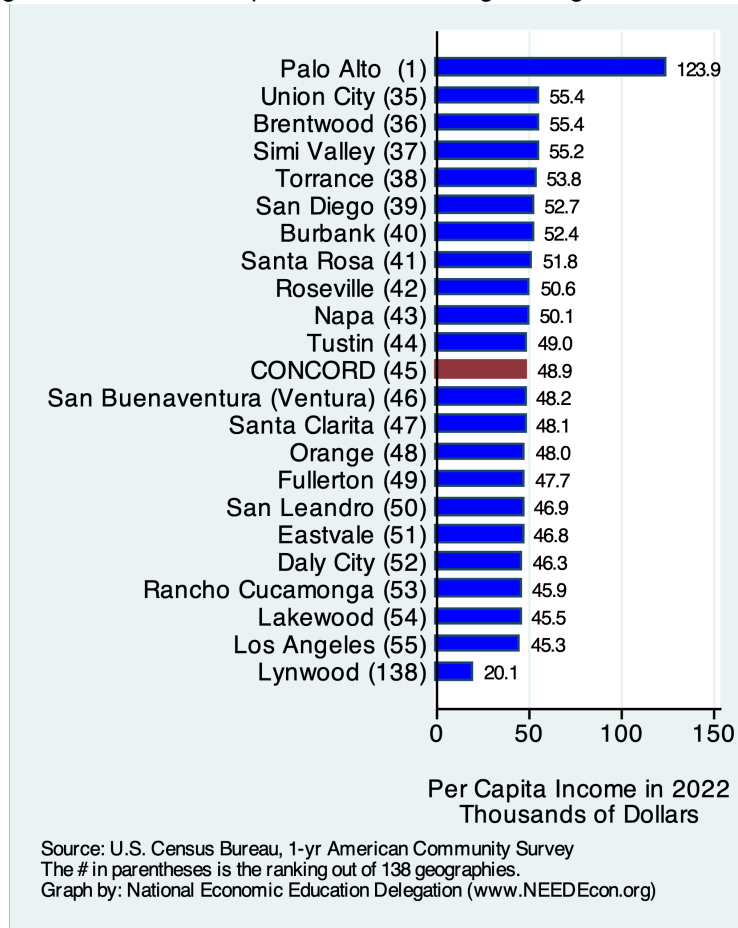
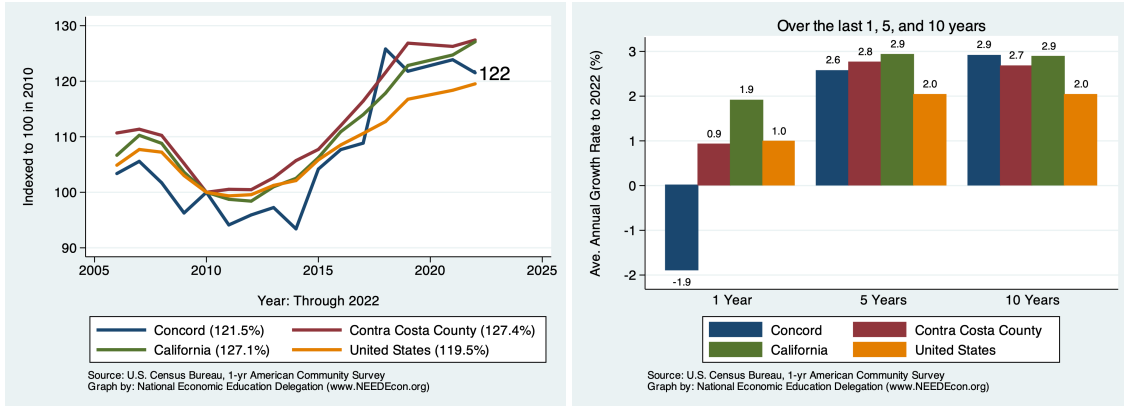


Figure 25: Regional Comparison of Growth Over Time



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

Figure 26: Income Levels

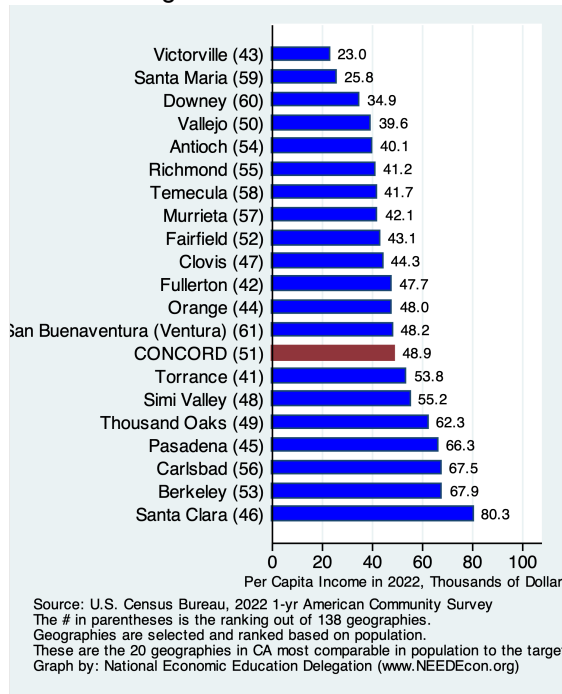
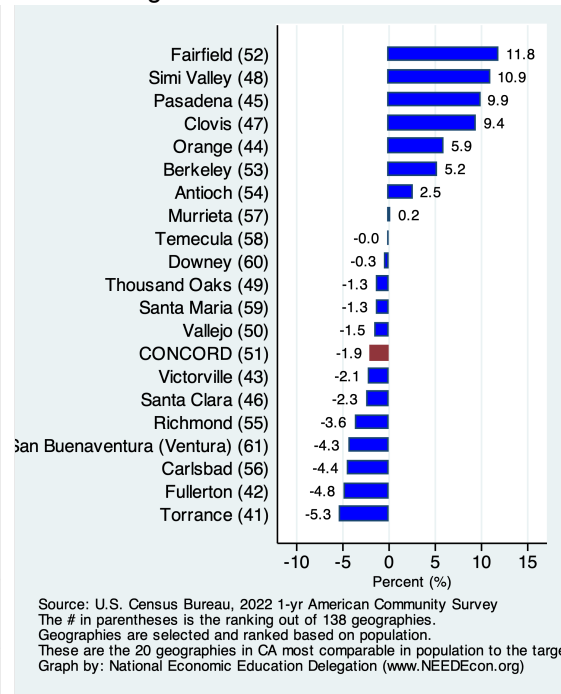


Figure 27: Growth over Time



Real Per Capita Income Ranking Among Cities in Contra Costa County

Figure 28: Income Levels

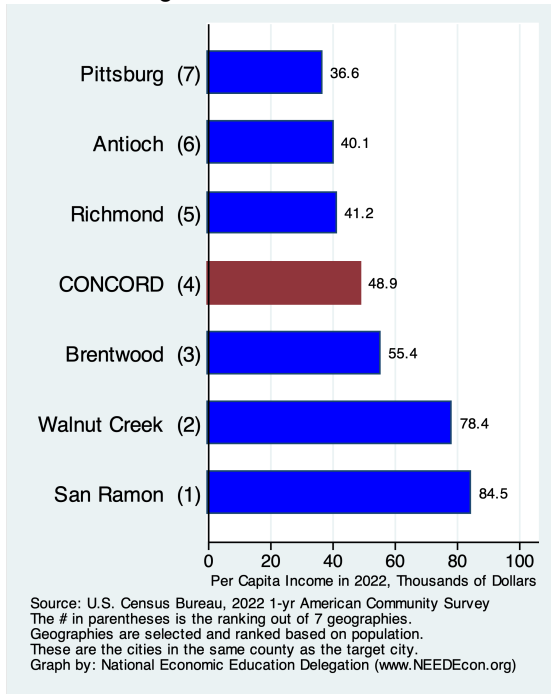


Figure 29: Growth over Time

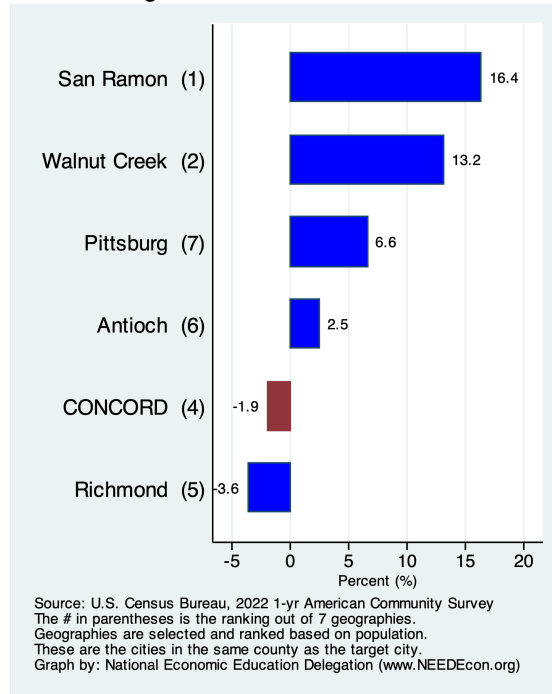
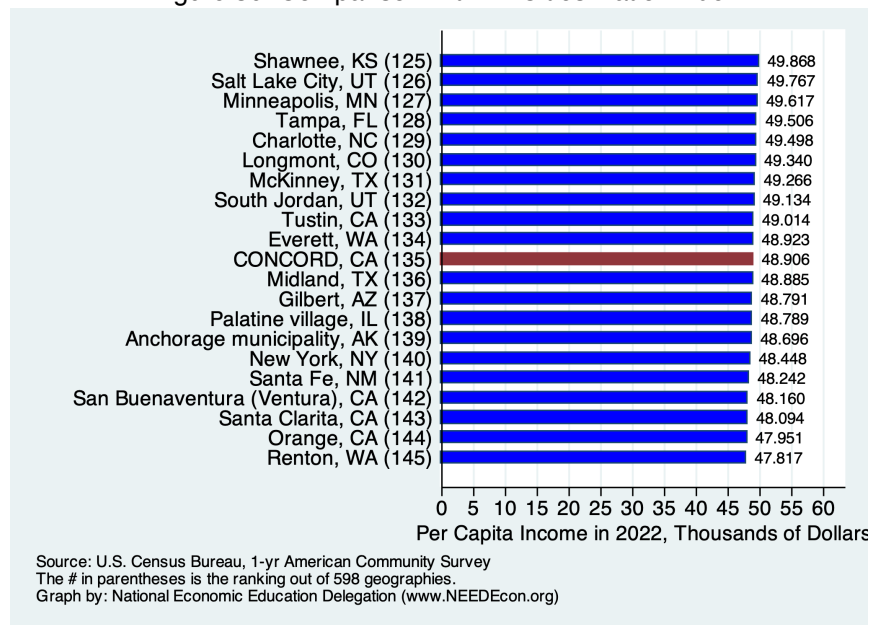


Figure 30: Comparison with All Cities Nationwide



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.

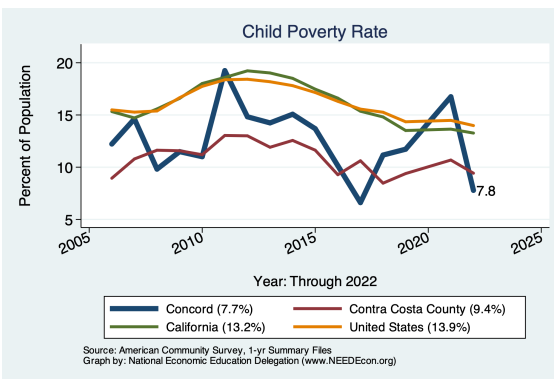
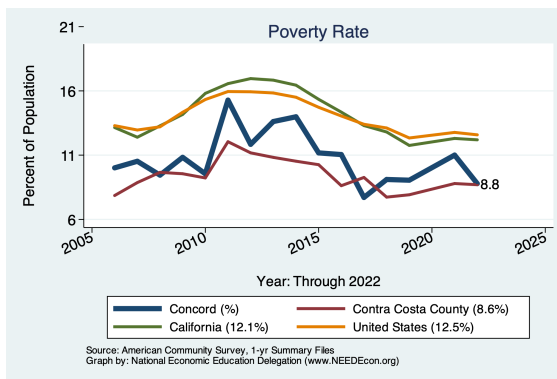


Figure 31: Inequality

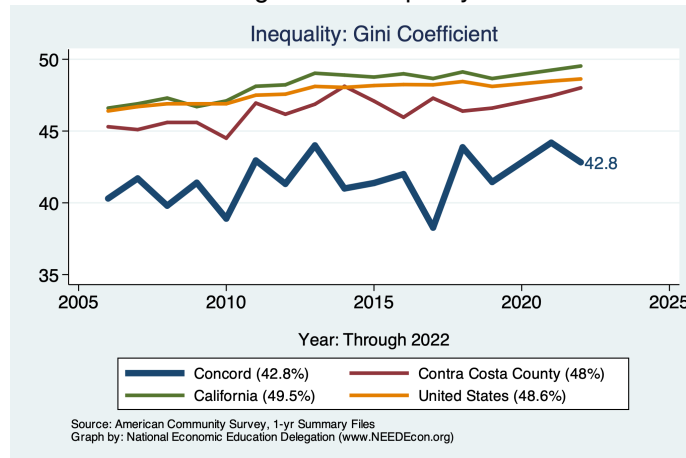


Figure 32: Shares Across the Income Distribution

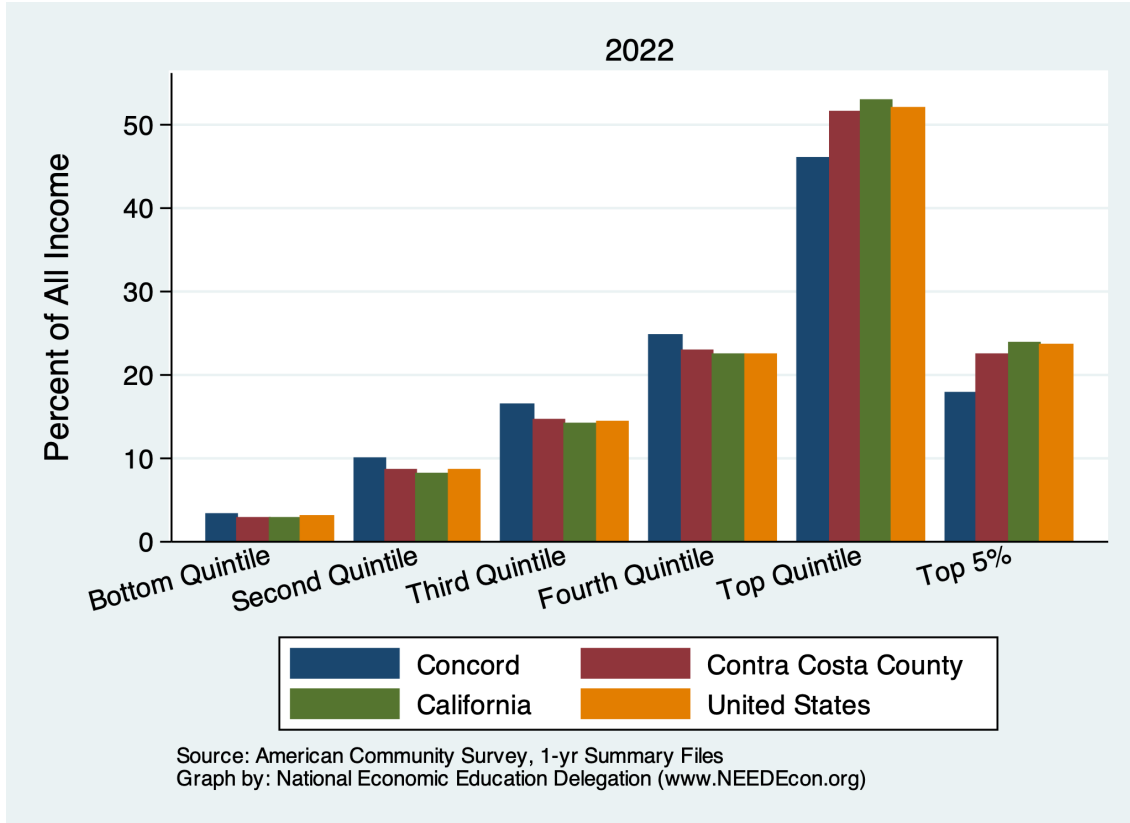
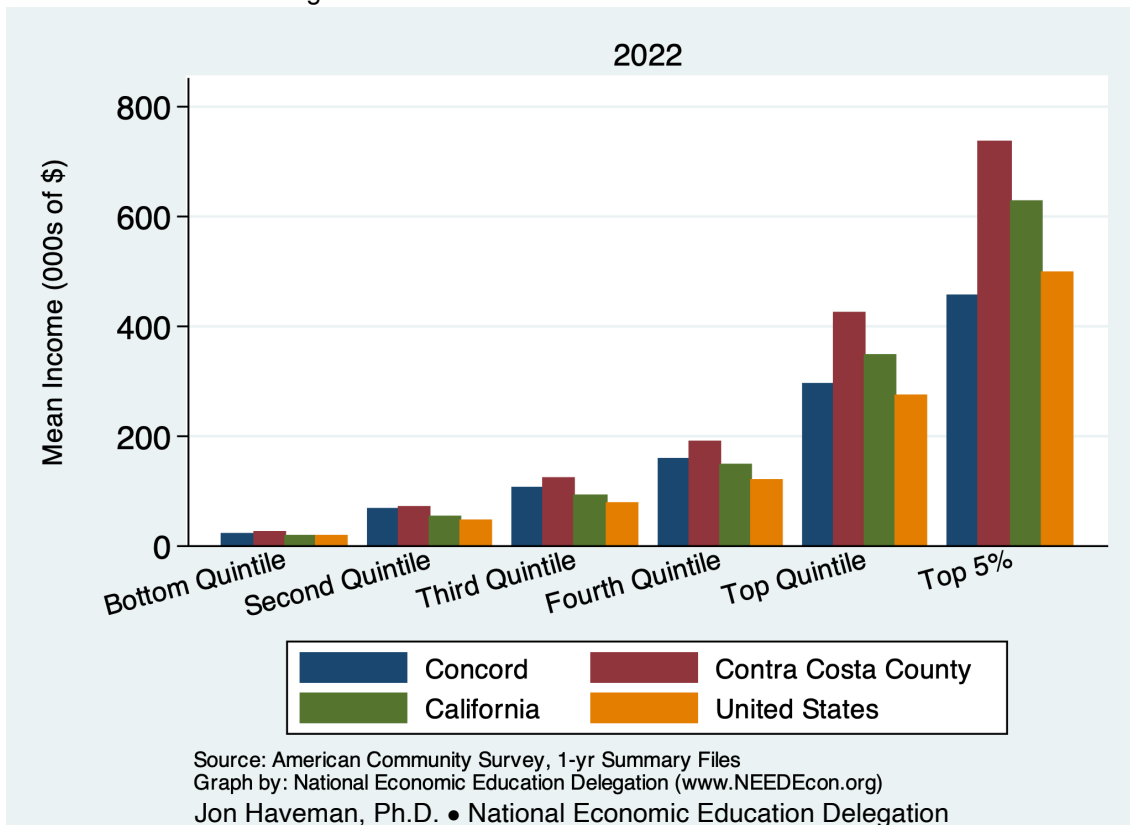


Figure 33: Means Across the Income Distribution



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 Concord and Broader Regions

Figure 34: Median Home Prices

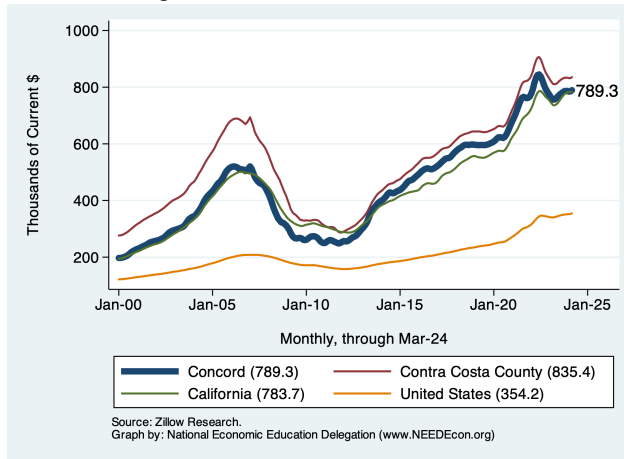
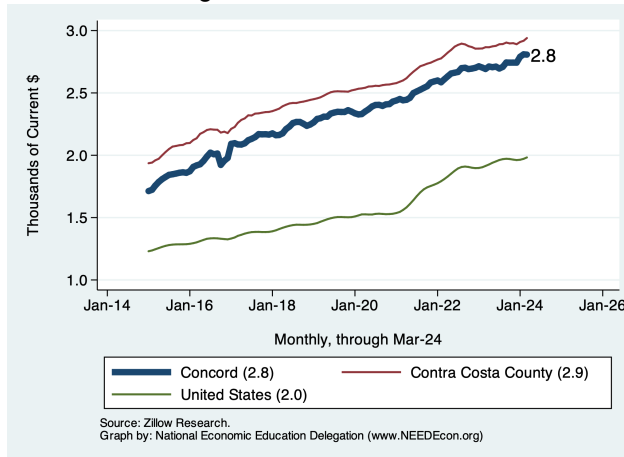


Figure 35: Median Rents



Housing Ownership in Concord and Broader Regions

Figure 36: Home Ownership Rates

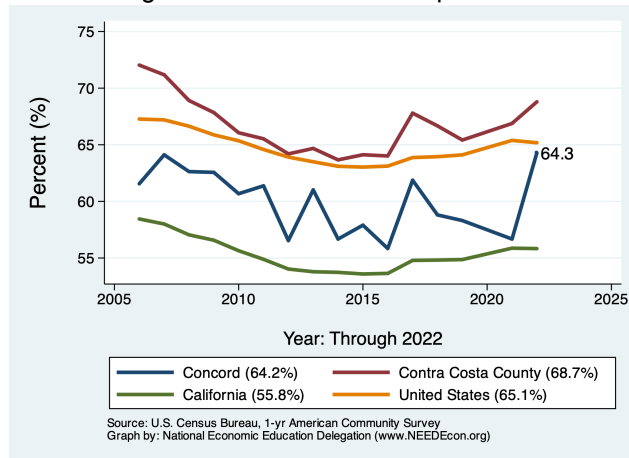


Figure 37: Home Ownership by Age

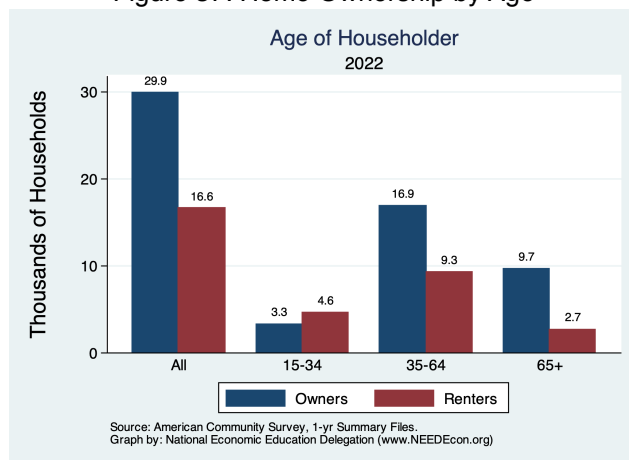


Figure 38: Income by Tenure

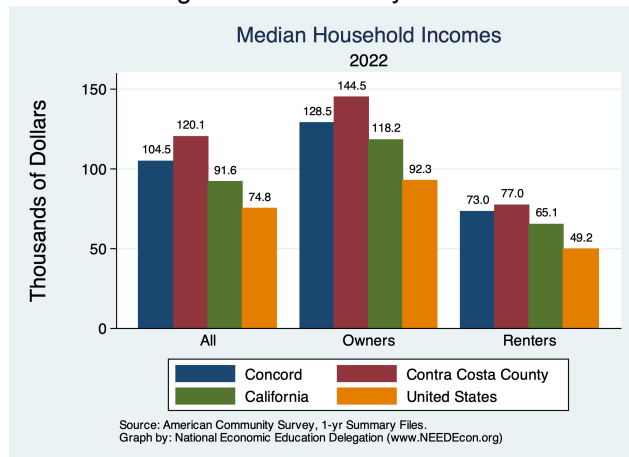


Figure 39: Income Distribution by Tenure

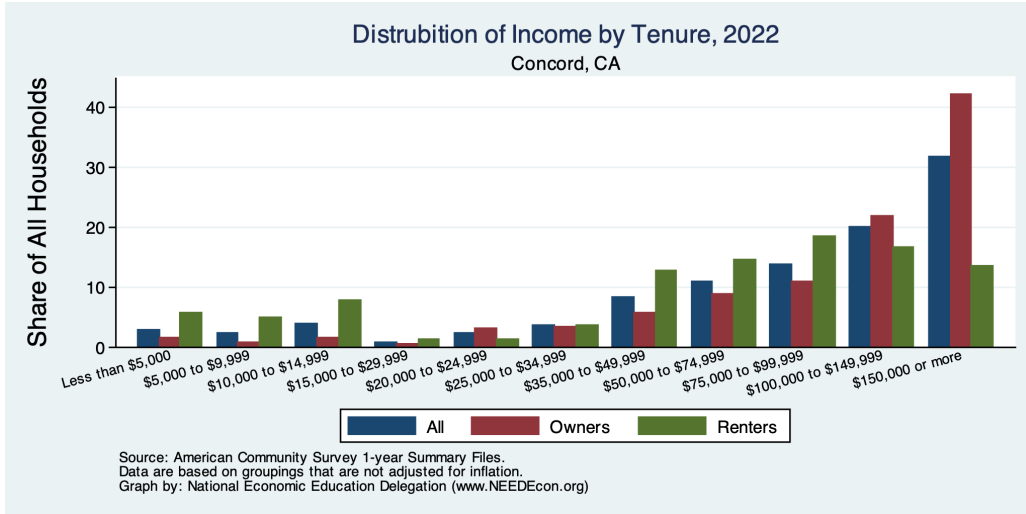


Figure 40: Income Distribution of Home Owners

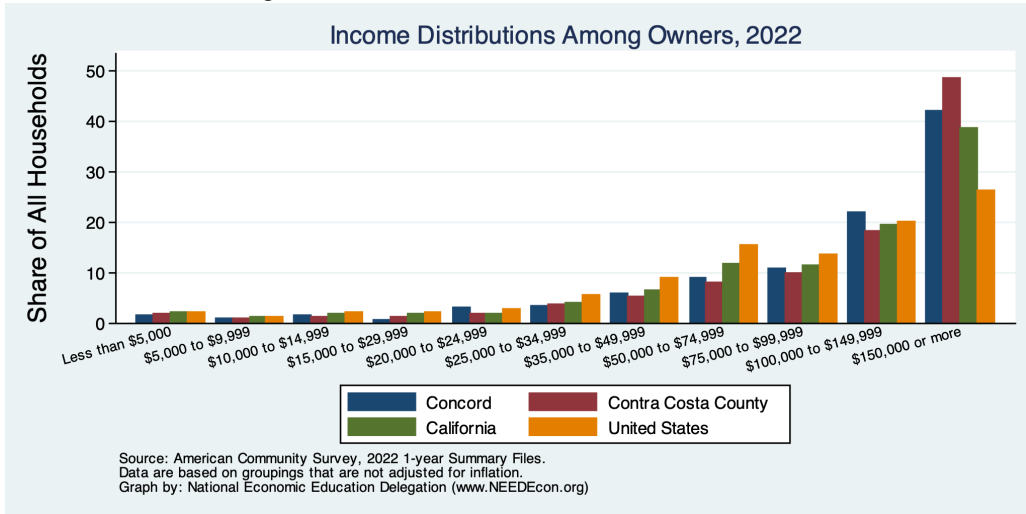
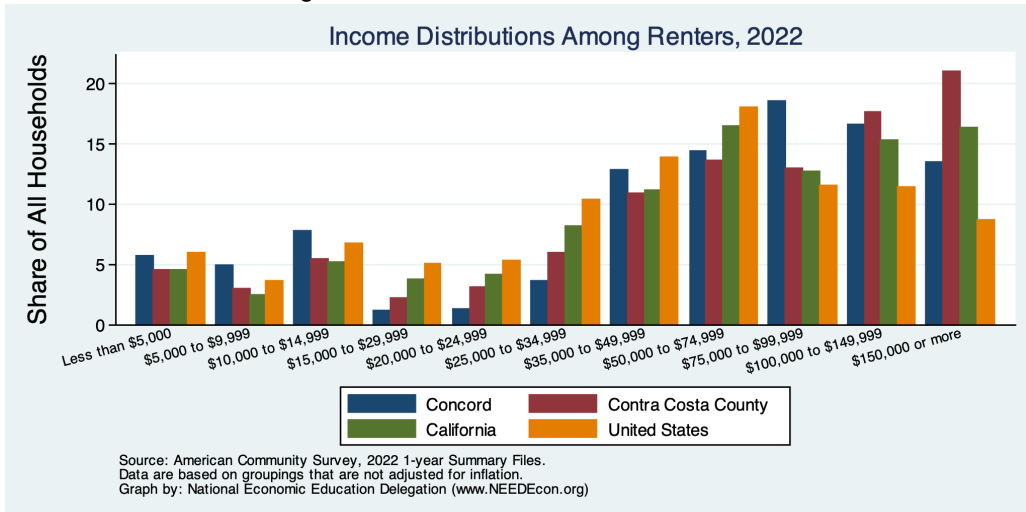


Figure 41: Income Distribution of Renters



Housing Burden in Concord and Broader Regions

Figure 42: Home Owners w/ A Mortgage

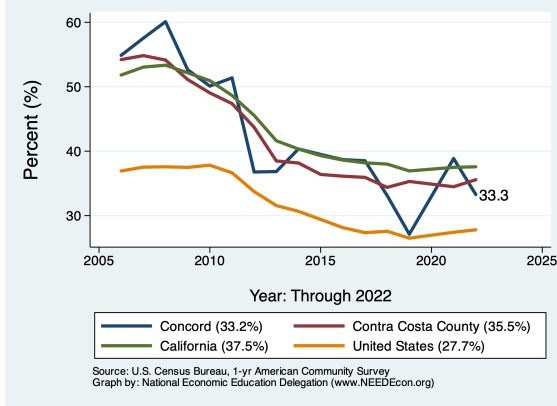


Figure 43: Home Owners w/o A Mortgage

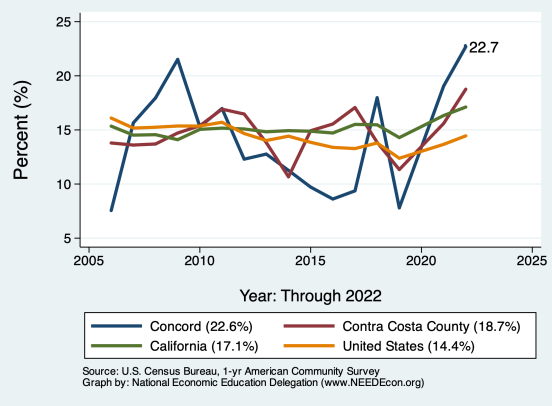


Figure 44: Renters

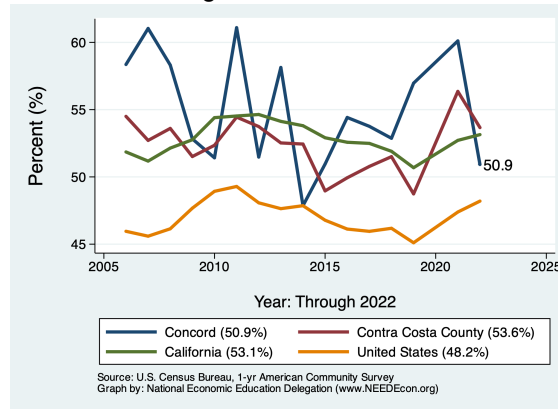
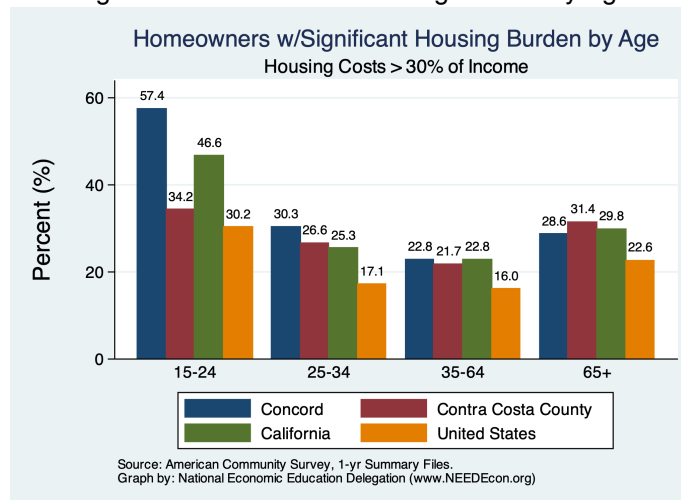


Figure 45: Homeowner Housing Burden by Age



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

Indicator	2023	2019	2010	% Change from 2019 2010	
Total Population	122,074.0	130,435.0	122,067.0	-6.4	0.0
Total # of Homes	47,816.0	47,345.0	47,125.0	1.0	1.5
# Occupied Units	46,096.0	45,270.0	44,278.0	1.8	4.1
Persons per Household	2.6	2.9	2.7	-8.3	-4.3
Vacancy Rate (%)	3.6	4.4	6.0	-17.9	-40.5

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

Figure 46: Housing Growth

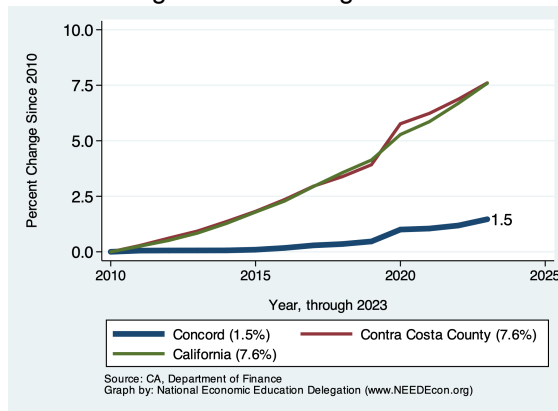


Figure 47: Persons per Household

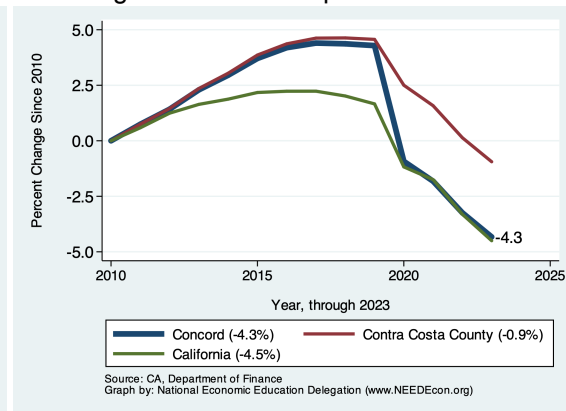


Figure 48: Vacancy Rates

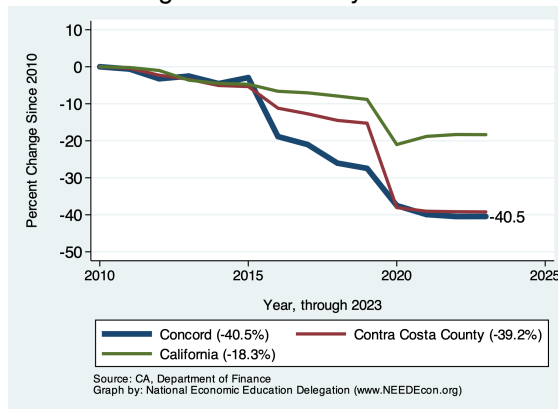
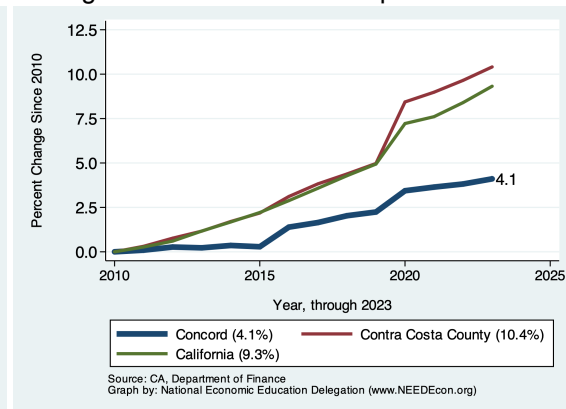


Figure 49: Number of Occupied Units



Trends in the Growth of Housing by Housing Type

Figure 50: Single Detached Homes

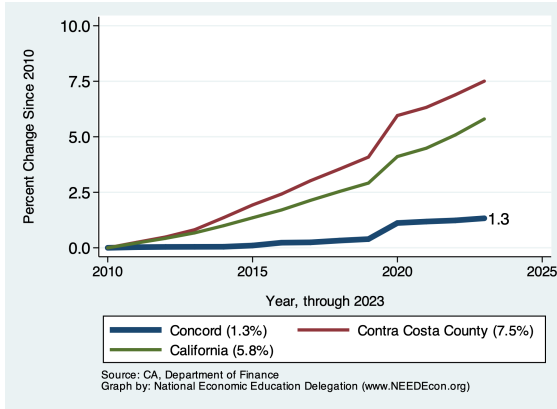


Figure 51: Single Attached Homes

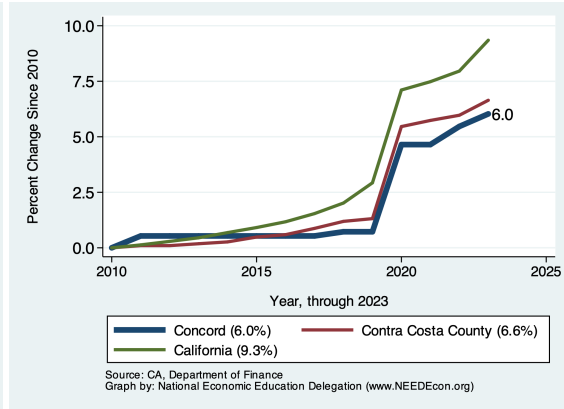


Figure 52: Housing in Buildings with Two to Four Units

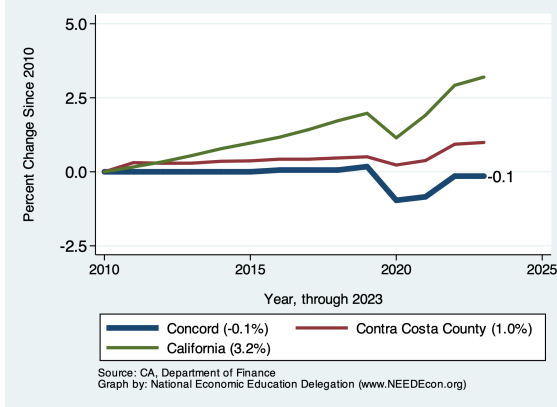
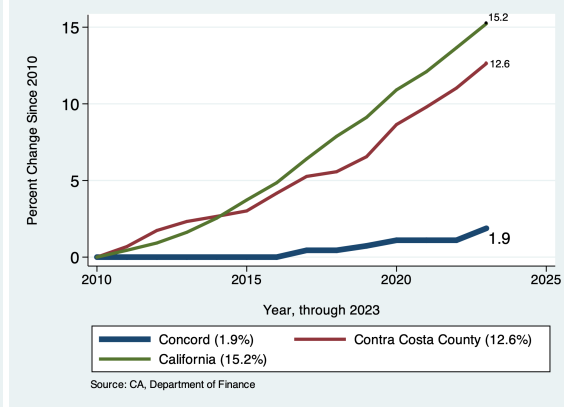


Figure 53: Housing in Buildings with Five or More Units



Vintage of Residential Housing

Why is it important?

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

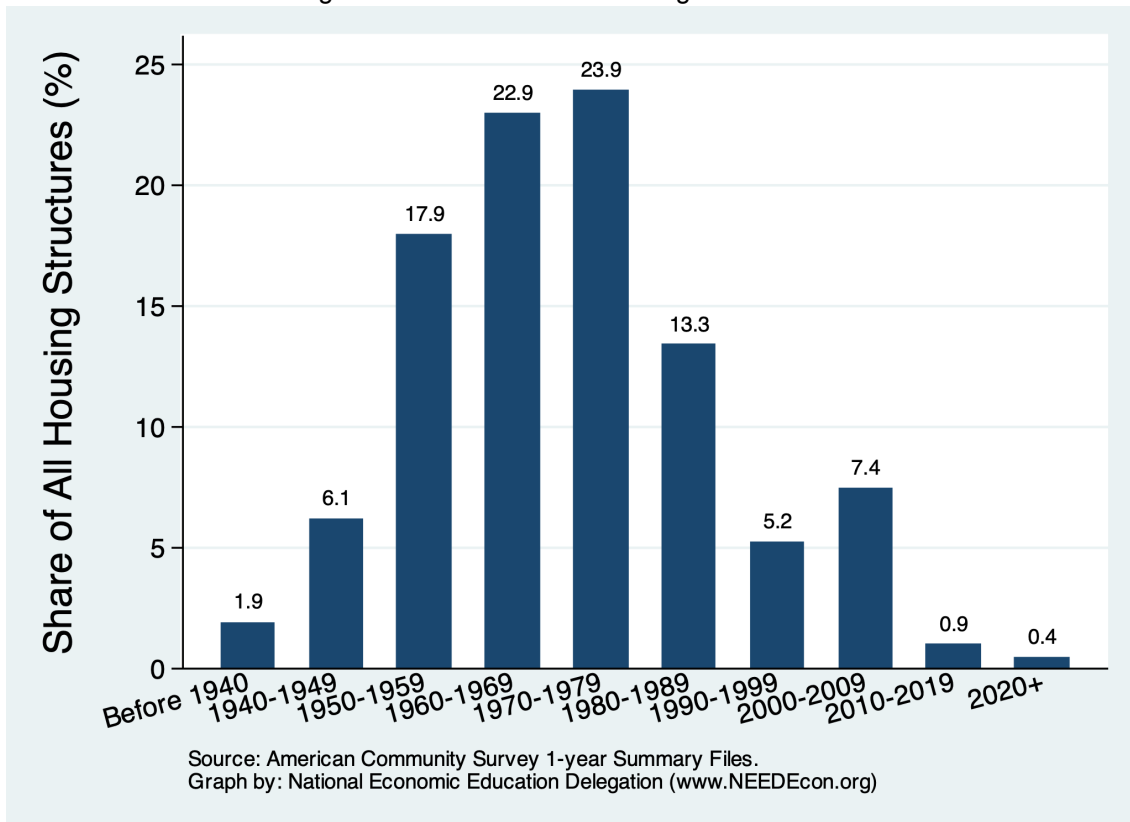


Figure 55: Housing Vintage across Regions

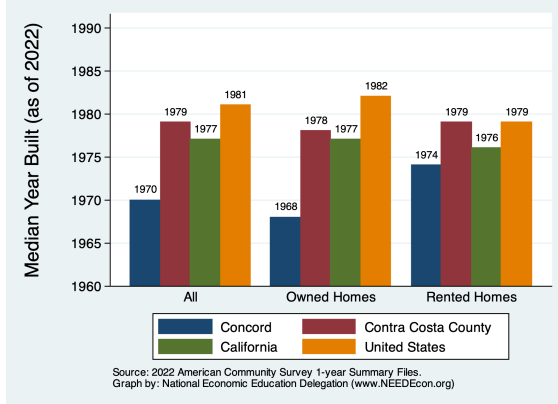


Figure 56: Housing Vintage by Tenure

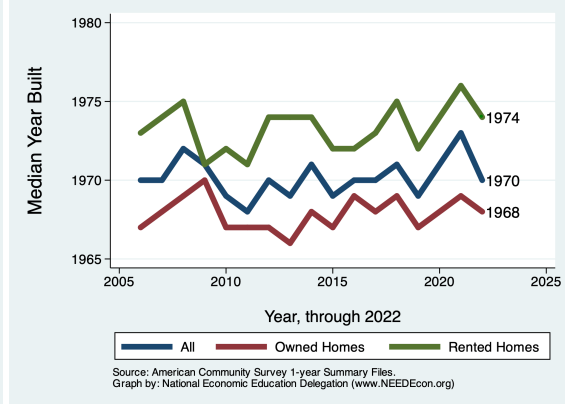


Figure 57: Vintage of Owned Residences

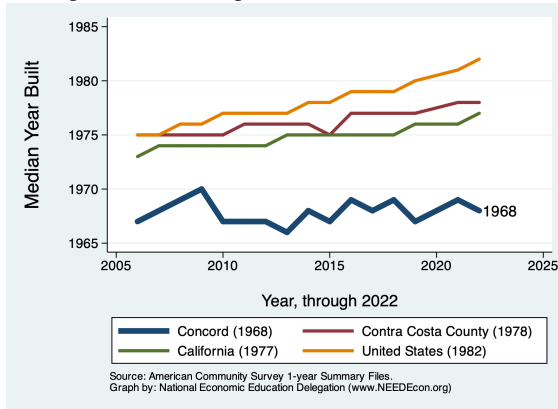


Figure 58: Vintage of Rented Residences

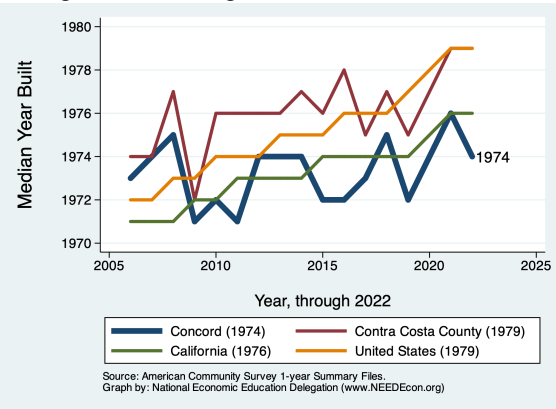
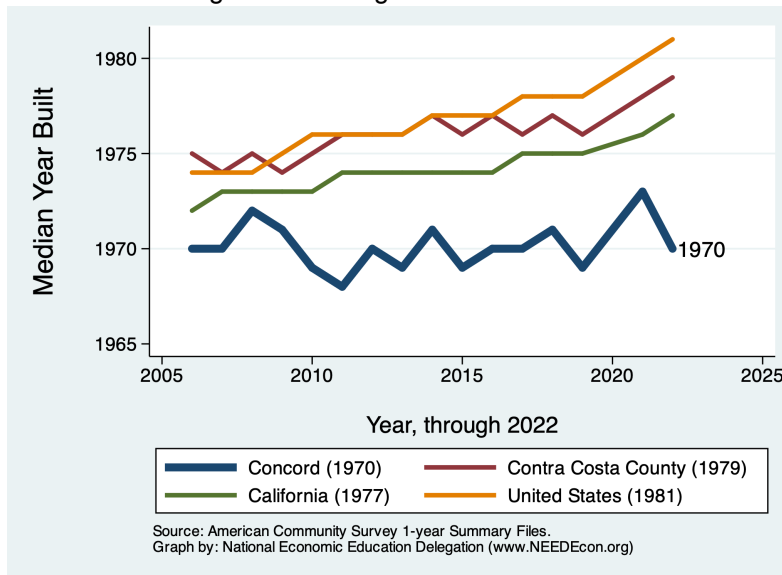


Figure 59: Vintage of All Residences



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 60: Year Current Occupant Moved In

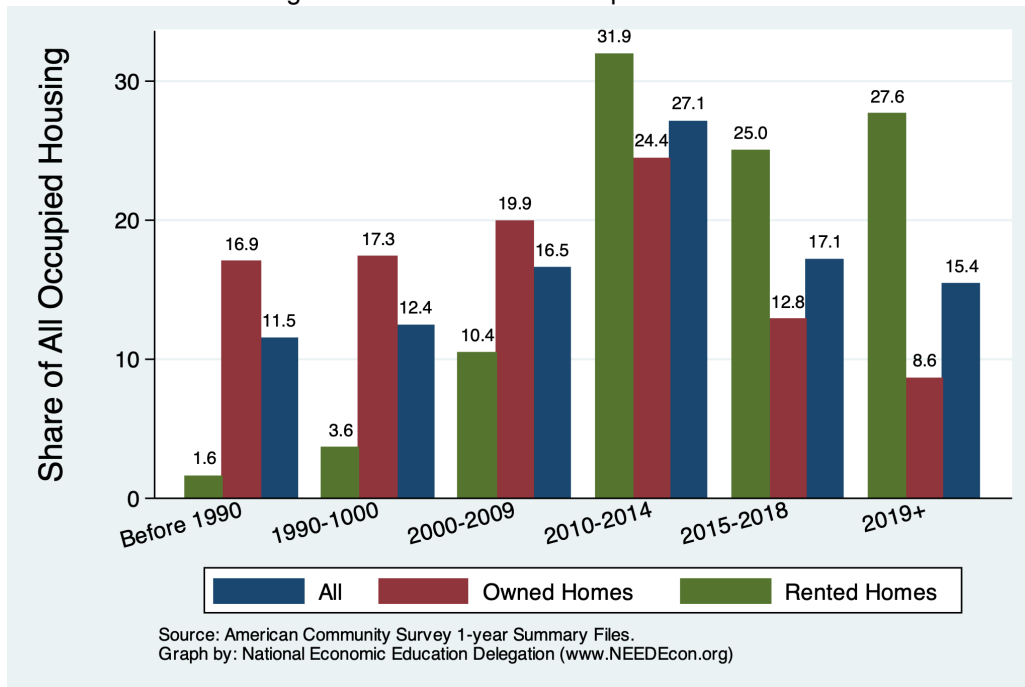


Figure 61: Year Occupied by Current Residents across Regions

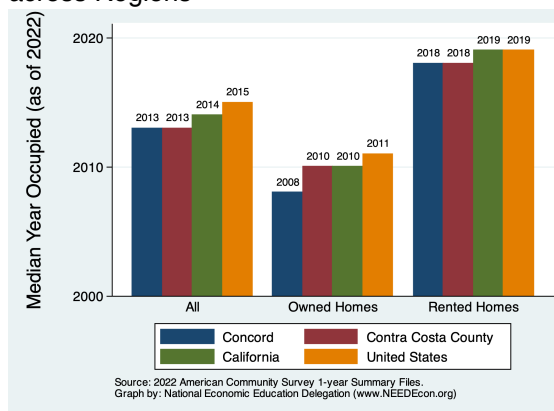


Figure 62: Year Occupied by Current Residents by Tenure

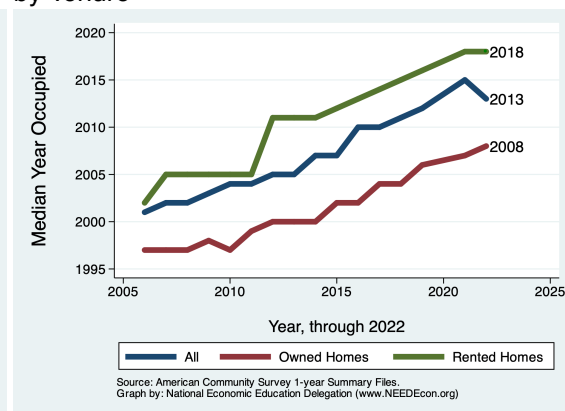


Figure 63: Year Occupied by Current Residents for Owned Housing

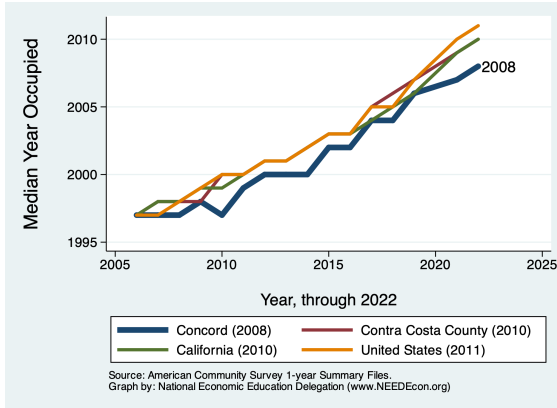


Figure 64: Year Occupied by Current Residents for Rented Housing

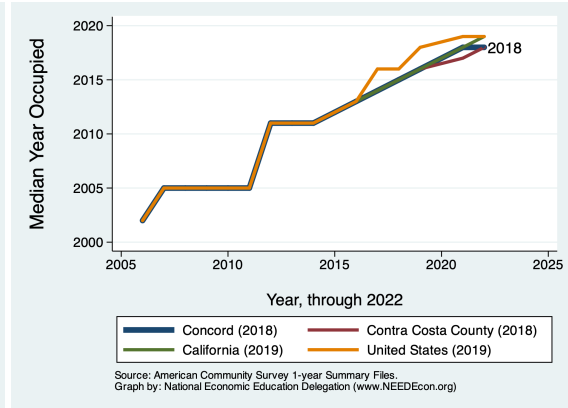
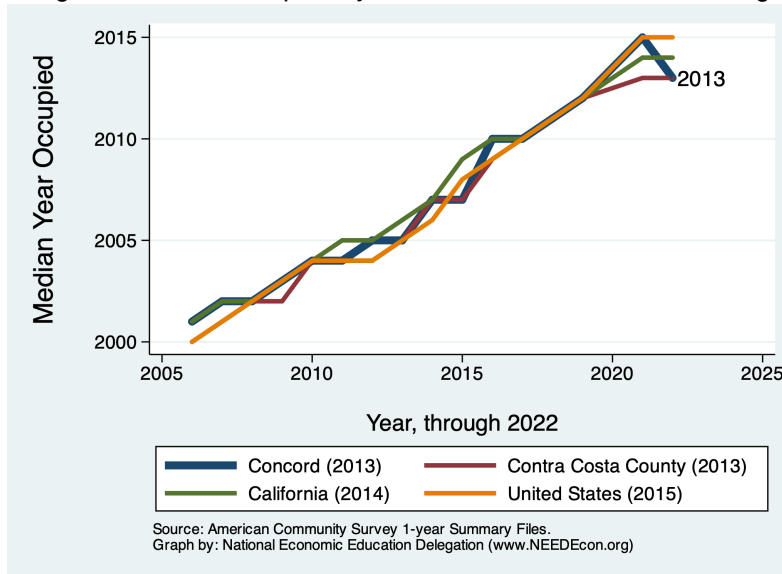


Figure 65: Year Occupied by Current Residents for All Housing



Residential Permitting

Definition:

This indicator provides evidence on the number of residential buildings that are permitted for construction each year. Permit data for Concord is compared with data from Contra Costa 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.

Concord - Ranking Among Comparables

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

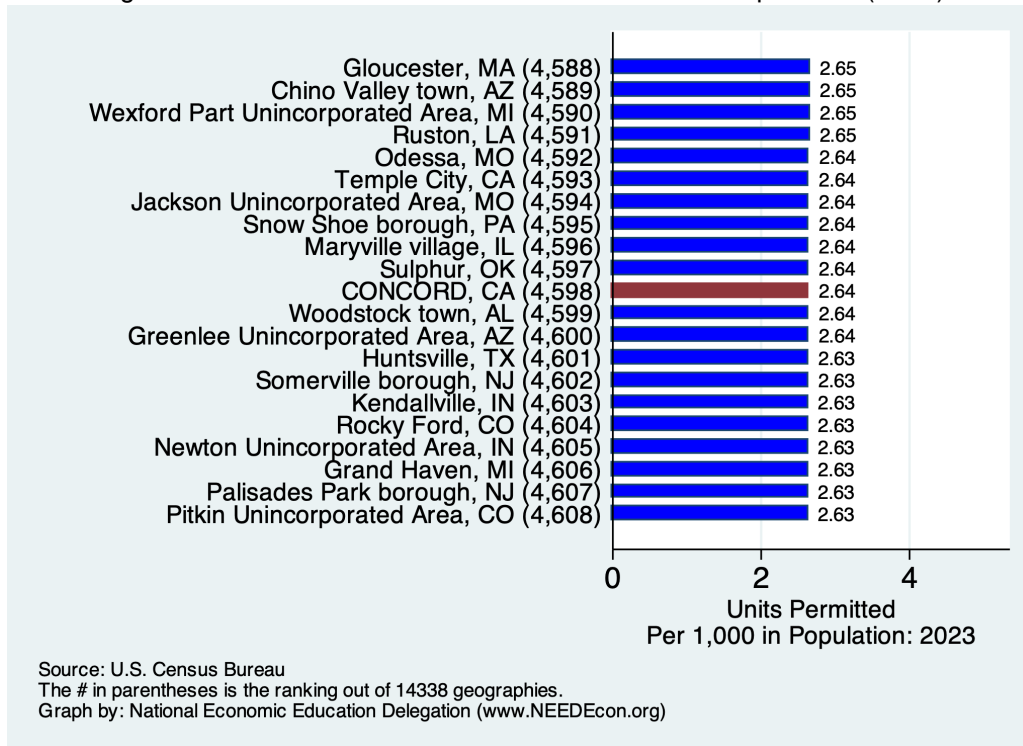
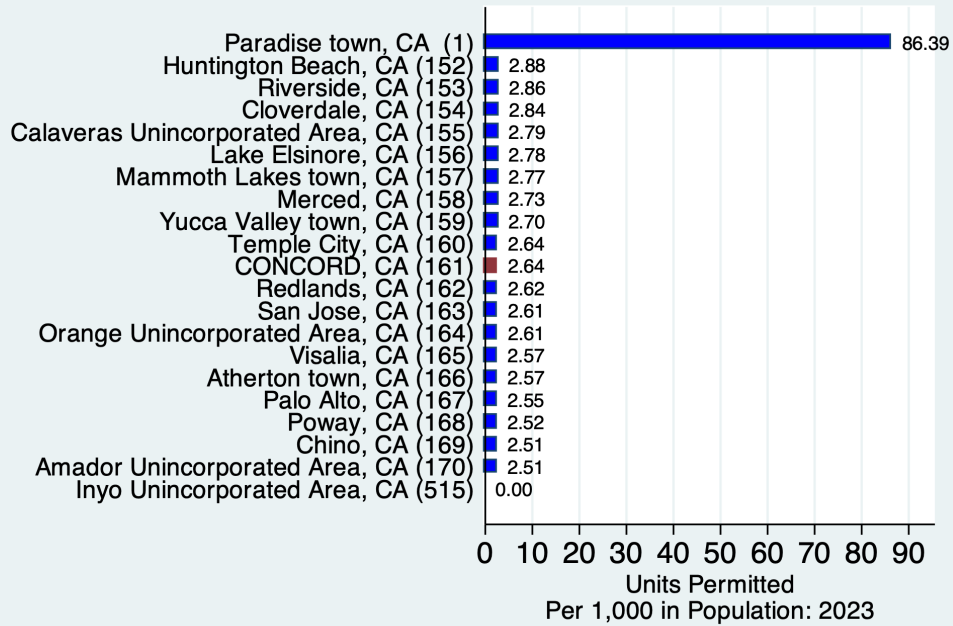
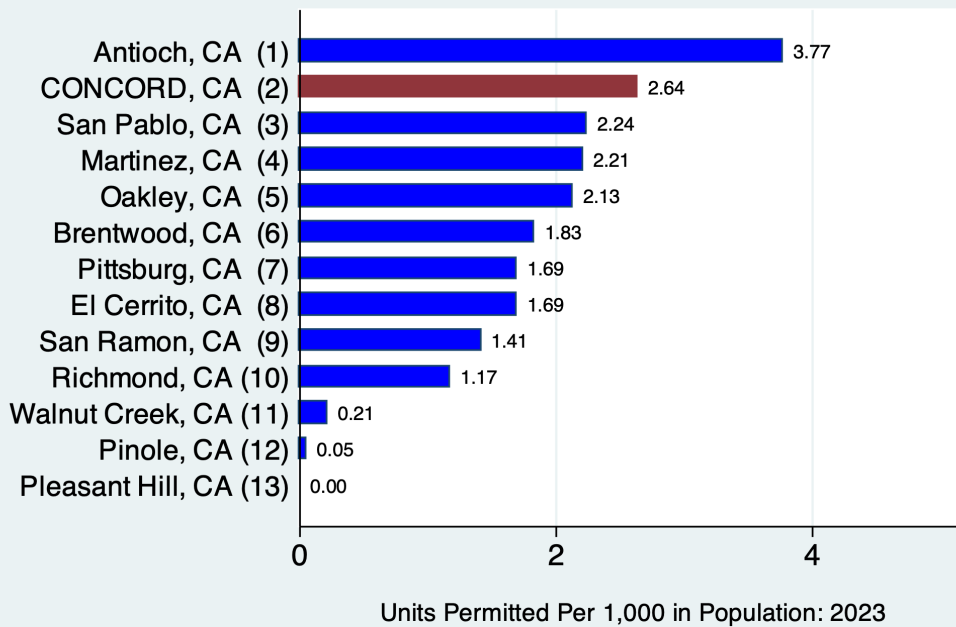


Figure 67: Number of Units Permitted - California Comparables (Rank)



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 Contra Costa County (Rank)



Source: U.S. Census Bureau,
 The # in parentheses is the ranking out of 13 geographies.
 Graph by: National Economic Education Delegation (www.NEEDecon.org)

Concord - Permitting Activity

Annual Units Permitted - Per Capita in Concord

Figure 69: Units Permitted Each Year

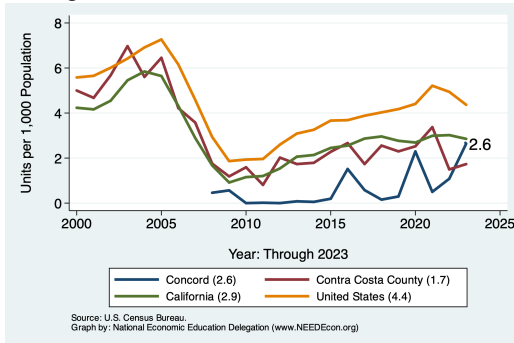
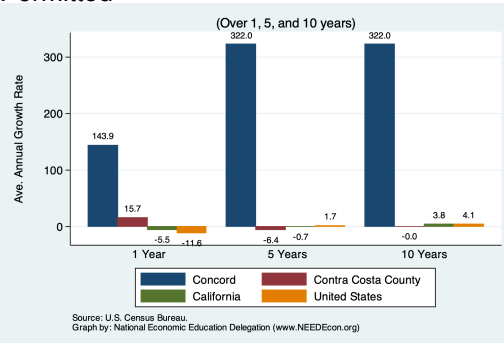


Figure 70: Average Annual Growth in Units Permitted



Annual Number of Buildings Permitted - Per Capita in Concord

Figure 71: Units Permitted Each Year

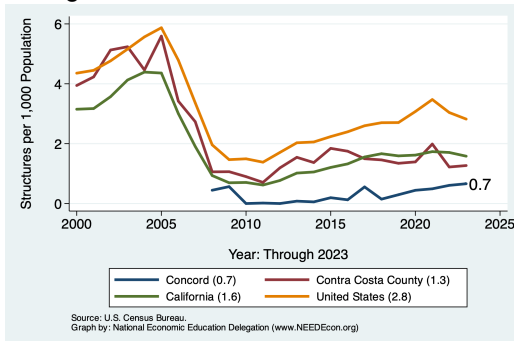
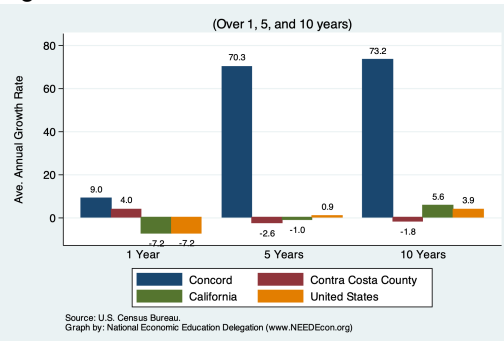


Figure 72: Average Annual Growth in Buildings Permitted



Annual Value of Property Permitted - Per Capita in Concord

Figure 73: Value Permitted Each Year

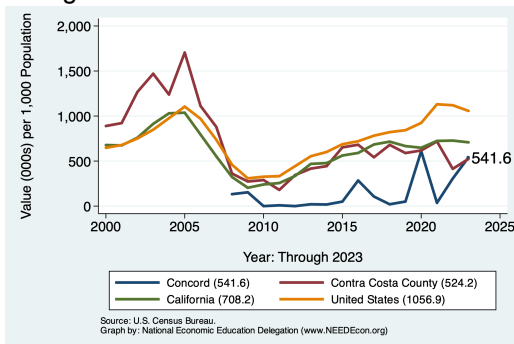
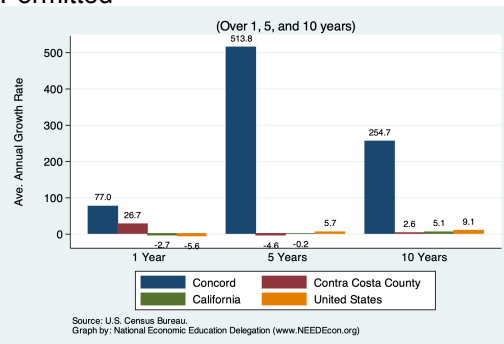


Figure 74: Average Annual Growth in Value Permitted



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 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 Car Alone

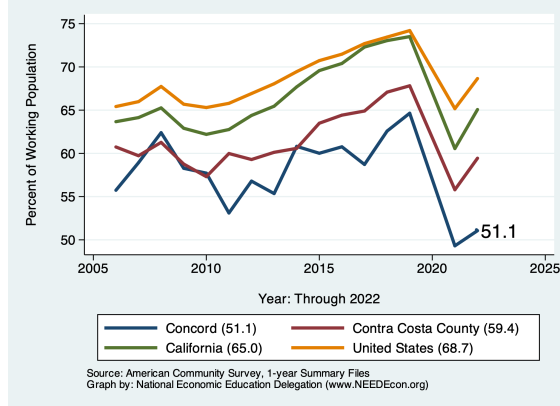


Figure 76: Percent of Workers Commuting by Carpool

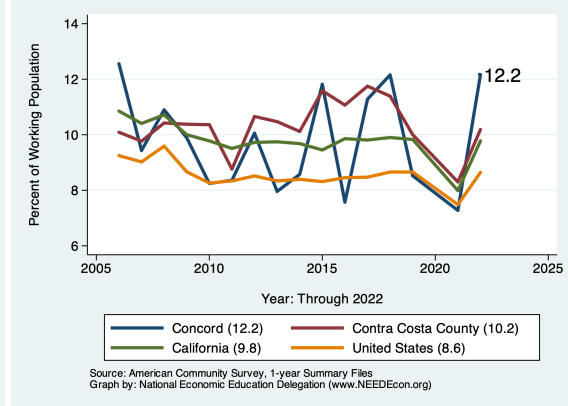


Figure 77: Percent of Workers using Public Transportation

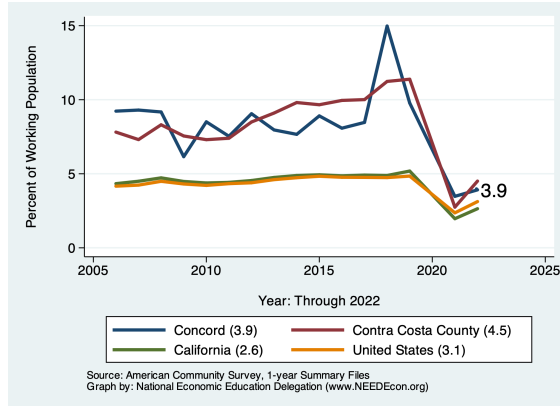
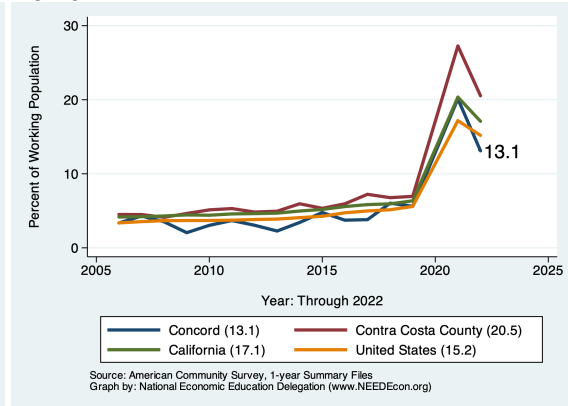


Figure 78: Percent of Workers Who Work From Home



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

Mode of Transit	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Car, Truck, or Van:	24,949	68.4	20,923	57.2	45,872	63.2	75.3
Drove Alone	19,975	54.8	17,071	46.7	37,046	51.1	65.5
Carpooled:	4,974	13.6	3,852	10.5	8,826	12.2	9.8
In 2-person carpool	4,182	11.5	2,989	8.2	7,171	9.9	7.0
In 3-person carpool	558	1.5	591	1.6	1,149	1.6	1.7
In 4-or-more-person carpool	234	0.6	272	0.7	506	0.7	1.2
Public Transportation (excl Taxi):	1,832	5.0	1,008	2.8	2,840	3.9	2.7
Bus or Trolley Bus	404	1.1	190	0.5	594	0.8	1.8
Streetcar or Trolley Car	1,340	3.7	610	1.7	1,950	2.7	0.5
Subway or Elevated	49	0.1	208	0.6	257	0.4	0.2
Railroad	39	0.1	0	0.0	39	0.1	0.1
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	230	0.6	0	0.0	230	0.3	0.7
Walked	881	2.4	841	2.3	1,722	2.4	2.4
Taxicab, Motorcycle, or other	990	2.7	314	0.9	1,304	1.8	1.7
Worked at Home	4,459	12.2	5,050	13.8	9,509	13.1	17.2
Total:	33,341	91.4	28,136	76.9	61,477	84.7	

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

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

Mode of Transit	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Car, Truck, or Van:	24,092	70.0	22,789	73.0	46,881	76.1	78.0
Drove Alone	21,329	62.0	19,640	62.9	40,969	66.5	68.5
Carpooled:	2,763	8.0	3,149	10.1	5,912	9.6	9.5
In 2-person carpool	1,840	5.3	2,356	7.5	4,196	6.8	6.9
In 3-person carpool	409	1.2	516	1.7	925	1.5	1.5
In 4-or-more-person carpool	514	1.5	277	0.9	791	1.3	1.1
Public Transportation (excl Taxi):	583	1.7	414	1.3	997	1.6	3.6
Bus or Trolley Bus	192	0.6	174	0.6	366	0.6	2.3
Streetcar or Trolley Car	229	0.7	88	0.3	317	0.5	0.8
Subway or Elevated	49	0.1	127	0.4	176	0.3	0.3
Railroad	113	0.3	15	0.0	128	0.2	0.2
Ferryboat	0	0.0	10	0.0	10	0.0	0.1
Bicycle	156	0.5	232	0.7	388	0.6	0.7
Walked	803	2.3	501	1.6	1,304	2.1	2.4
Taxicab, Motorcycle, or other	379	1.1	316	1.0	695	1.1	1.7
Worked at Home	4,075	11.8	4,570	14.6	8,645	14.0	13.6
Total:	30,088	87.4	28,822	92.3	58,910	95.6	

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

Mode of Transit	Male		Female		All Workers		All of CA
	#	(%)	#	(%)	#	(%)	(%)
Less than 5 minutes	251	0.7	594	1.7	845	1.2	2.1
5 to 9 minutes	634	1.8	730	2.1	1,364	2.0	7.8
10 to 14 minutes	3,791	10.8	3,521	10.1	7,312	10.7	12.4
15 to 19 minutes	4,899	14.0	3,694	10.6	8,593	12.6	15.4
20 to 24 minutes	4,095	11.7	3,167	9.1	7,262	10.7	14.8
25 to 29 minutes	1,216	3.5	1,401	4.0	2,617	3.8	6.4
30 to 34 minutes	3,695	10.5	3,153	9.0	6,848	10.0	15.2
35 to 39 minutes	853	2.4	1,220	3.5	2,073	3.0	2.9
40 to 44 minutes	1,206	3.4	1,397	4.0	2,603	3.8	4.1
45 to 59 minutes	3,686	10.5	1,040	3.0	4,726	6.9	8.2
60 to 89 minutes	3,358	9.6	2,096	6.0	5,454	8.0	7.2
90 or more minutes	1,198	3.4	1,073	3.1	2,271	3.3	3.6
Total:	28,882	82.4	23,086	66.0	51,968	76.2	

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

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

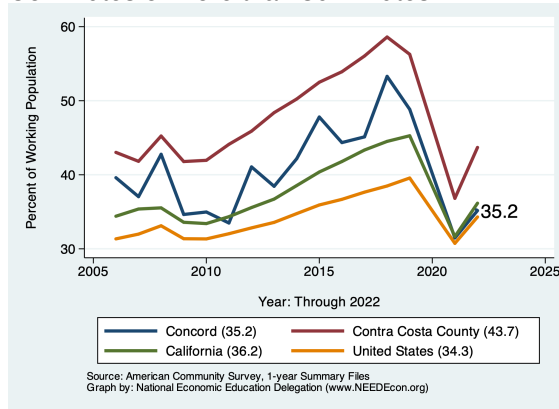


Figure 80: Percent of Employed Population With Commutes of More than 90 Minutes

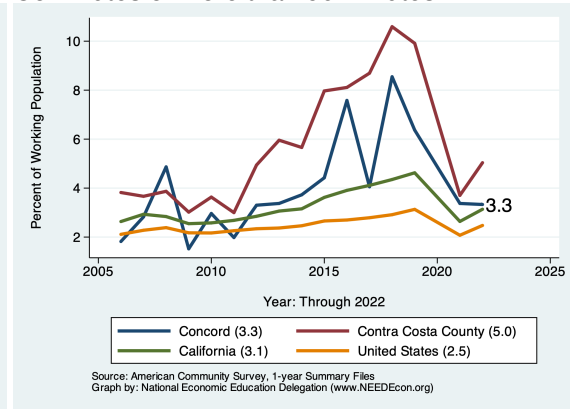
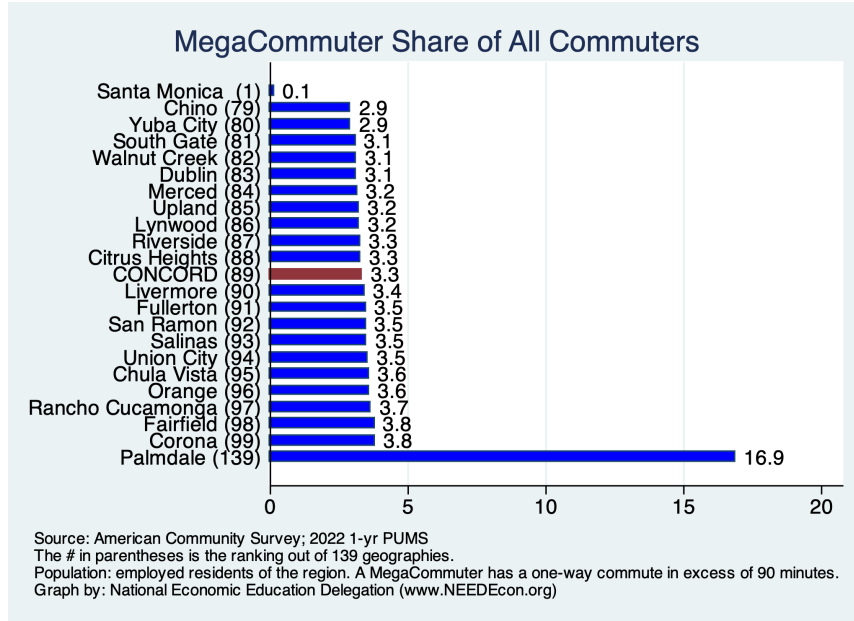


Figure 81: Rank: Share of MegaCommuters Across Similar Geographies



Commute Times for Those Employed in the City

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

Mode of Transit	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Less than 5 minutes	392	1.2	835	2.8	1,227	2.1	2.1
5 to 9 minutes	1,237	3.7	1,898	6.4	3,135	5.4	7.8
10 to 14 minutes	3,768	11.4	4,926	16.6	8,694	14.9	12.4
15 to 19 minutes	3,231	9.8	3,605	12.2	6,836	11.7	15.3
20 to 24 minutes	3,639	11.0	3,943	13.3	7,582	13.0	14.8
25 to 29 minutes	1,969	6.0	1,247	4.2	3,216	5.5	6.4
30 to 34 minutes	4,844	14.6	2,035	6.9	6,879	11.8	15.2
35 to 39 minutes	904	2.7	481	1.6	1,385	2.4	2.9
40 to 44 minutes	1,405	4.2	1,338	4.5	2,743	4.7	4.1
45 to 59 minutes	2,590	7.8	2,474	8.4	5,064	8.7	8.2
60 to 89 minutes	2,457	7.4	1,049	3.5	3,506	6.0	7.2
90 or more minutes	701	2.1	346	1.2	1,047	1.8	3.6
Total:	27,137	82.1	24,177	81.6	51,314	87.7	

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

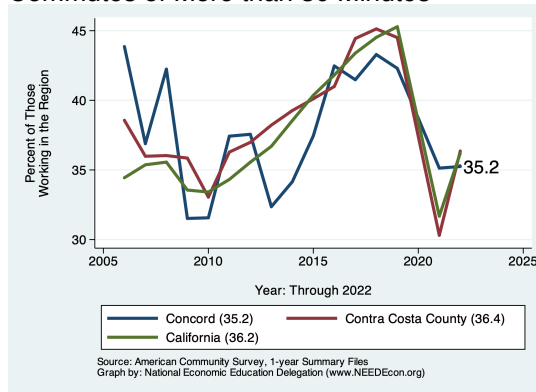


Figure 83: Percent of Local Employees With Commutes of More than 90 Minutes

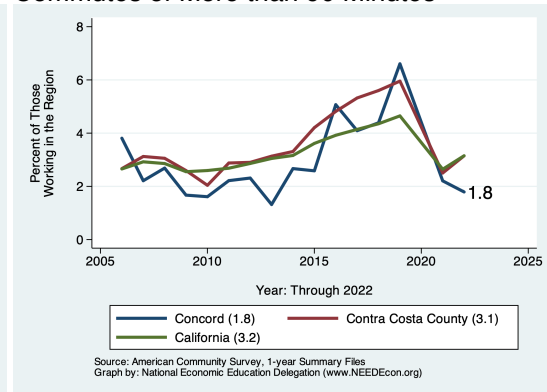
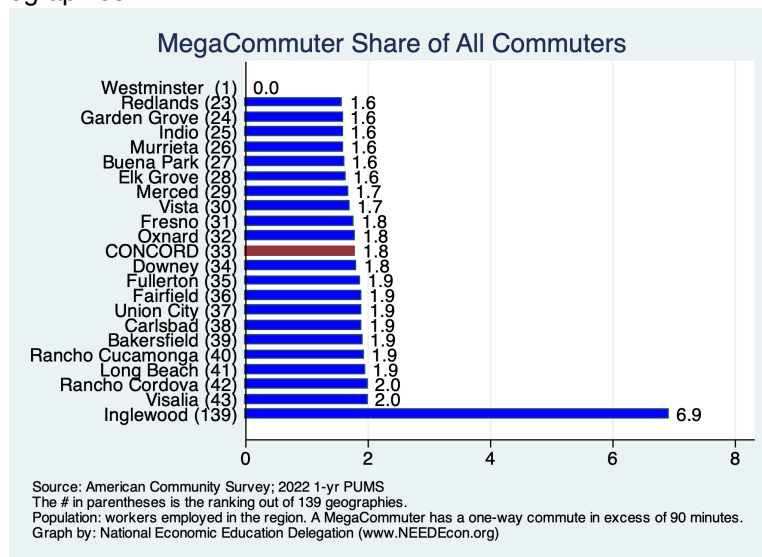


Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



Place of Work

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

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

Place of Work	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Worked in state of residence:	33,124	90.8	28,136	76.9	61,260	84.4	99.6
Worked in county of residence	24,499	67.2	23,118	63.2	47,617	65.6	85.3
worked outside of county of residence	8,625	23.6	5,018	13.7	13,643	18.8	14.3
Worked outside state of residence	217	0.6	0	0.0	217	0.3	0.4
Total:	33,341	91.4	28,136	76.9	61,477	84.7	

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

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

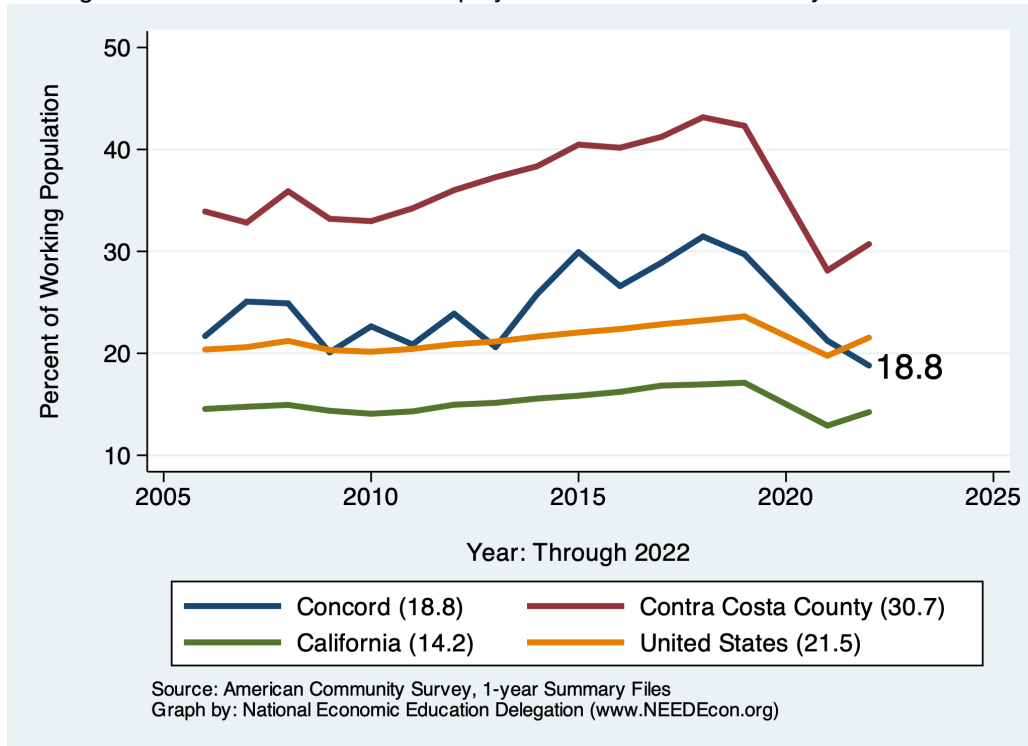
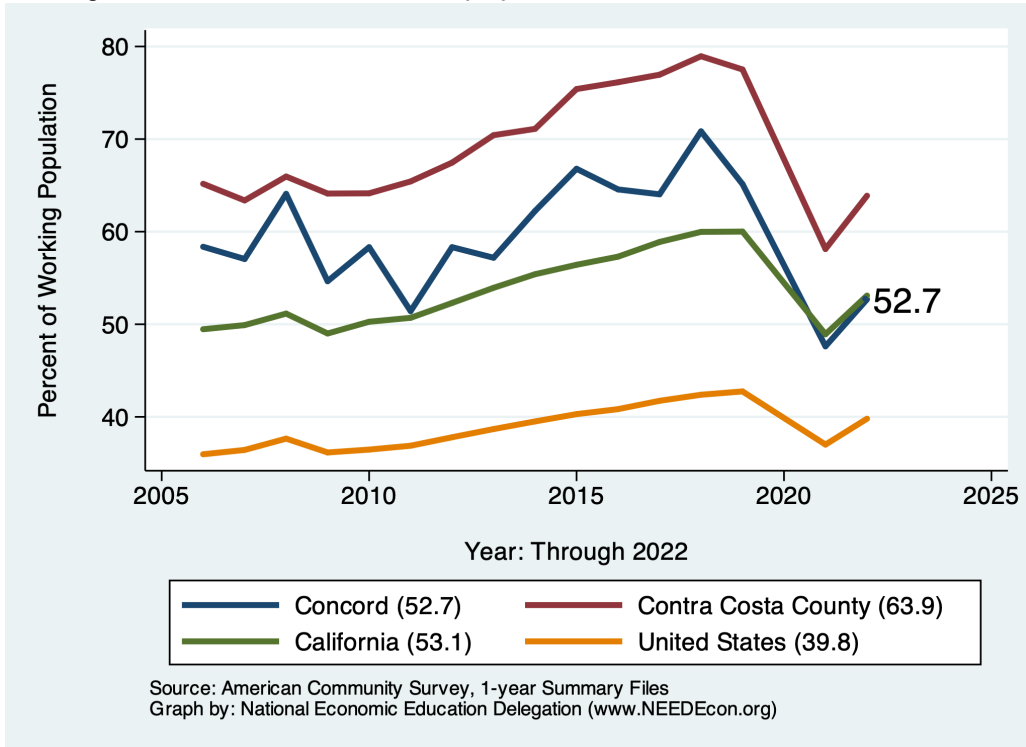


Table 11. SEX OF WORKERS BY PLACE OF WORK-PLACE LEVEL

Place of Work	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Living in a place:	33,341	91.4	28,136	76.9	61,477	84.7	95.8
Worked in place of residence	11,444	31.4	11,805	32.3	23,249	32.0	42.3
Worked outside place of residence	21,897	60.0	16,331	44.6	38,228	52.7	53.4
Not living in a place	0	0.0	0	0.0	0	0.0	4.2
Total:	33,341	91.4	28,136	76.9	61,477	84.7	

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	Ratio	United States	
	Median	Median		Median	Ratio
Car, truck, or van - drove alone	47,824	48,335	98.1	45,677	96.6
Car, truck, or van - carpooled	41,380	35,926	114.2	34,518	110.6
Public transportation (excluding taxicab)	78,641	34,625	225.1	41,443	175.1
Walked	31,420	30,552	101.9	27,247	106.4
Taxicab, motorcycle, bicycle, or other means	30,679	40,631	74.8	36,218	78.1
Worked from home	85,852	79,738	106.7	69,180	114.5
Total:	50,256	49,818	100.9	46,365	108.4

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

Mode of Transit	< \$25,000		\$25,000-\$74,999		\$75,000+		All		All of CA
	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	8,462	36.8	12,664	54.6	13,507	57.6	39,542	54.5	68.4
Car, Truck, or Van: Carpooled	1,749	7.6	2,090	9.0	1,556	6.6	6,128	8.4	9.5
Public Transportation (excl Taxi)	848	3.7	1,499	6.5	2,852	12.2	5,599	7.7	3.6
Walked	744	3.2	239	1.0	204	0.9	1,319	1.8	2.4
Taxicab, Motorcycle, or other	678	2.9	429	1.9	415	1.8	1,747	2.4	2.4
Worked at Home	1,637	7.1	1,500	6.5	4,903	20.9	8,629	11.9	13.6
Total:	14,118	61.4	18,421	79.5	23,437		62,964	86.8	100.0

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

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

Mode of Transit	< \$25,000		\$25,000-\$74,999		\$75,000+		All		All of CA
	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	8,757	41.9	13,121	59.4	15,326	63.9	40,969	66.1	68.5
Car, Truck, or Van: Carpooled	1,890	9.0	1,988	9.0	1,308	5.5	5,912	9.5	9.5
Public Transportation (excl Taxi)	336	1.6	122	0.6	388	1.6	997	1.6	3.6
Walked	742	3.5	297	1.3	176	0.7	1,304	2.1	2.4
Taxicab, Motorcycle, or other	332	1.6	325	1.5	285	1.2	1,083	1.7	2.4
Worked at Home	1,637	7.8	1,500	6.8	4,903	20.4	8,629	13.9	13.6
Total:	13,694	65.5	17,353	78.5	22,386	93.4	58,894	95.0	

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 Mode by Poverty Status

Table 15. MODE OF TRANSPORTATION TO WORK BY POVERTY STATUS

Mode of Transit	In Poverty		100-149% of Pov		>150% of Pov		All		All of CA (%)
	#	(%)	#	(%)	#	(%)	#	(%)	
Car, Truck, or Van: Drove Alone	2,187	46.3	1,531	26.9	33,328	49.6	37,046	51.1	65.8
Car, Truck, or Van: Carpooled	141	3.0	866	15.2	7,819	11.6	8,826	12.2	9.8
Public Transportation (excl Taxi)	280	5.9	98	1.7	2,462	3.7	2,840	3.9	2.6
Walked	136	2.9	368	6.5	1,218	1.8	1,722	2.4	2.1
Taxicab, Motorcycle, or other	147	3.1	362	6.4	1,025	1.5	1,534	2.1	2.4
Worked at Home	351	7.4	439	7.7	8,719	13.0	9,509	13.1	17.2
Total:	3,242	68.6	3,664	64.3	54,571	81.3	61,477	84.7	

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

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

Mode of Transit	In Poverty		100-149% of Pov		>150% of Pov		All		All of CA (%)
	#	(%)	#	(%)	#	(%)	#	(%)	
Car, Truck, or Van: Drove Alone	2,571	56.9	1,077	22.9	37,867	66.3	41,515	67.0	65.8
Car, Truck, or Van: Carpooled	113	2.5	479	10.2	6,013	10.5	6,605	10.7	9.8
Public Transportation (excl Taxi)	223	4.9	0	0.0	427	0.7	650	1.0	2.6
Walked	322	7.1	368	7.8	1,284	2.2	1,974	3.2	2.1
Taxicab, Motorcycle, or other	0	0.0	71	1.5	499	0.9	570	0.9	2.4
Worked at Home	351	7.8	439	9.3	8,719	15.3	9,509	15.3	17.2
Total:	3,580	79.2	2,434	51.8	54,809	96.0	60,823	98.1	100.0

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.

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 Concord is a net recipient (migration inflows) or donor (mi-

gration 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

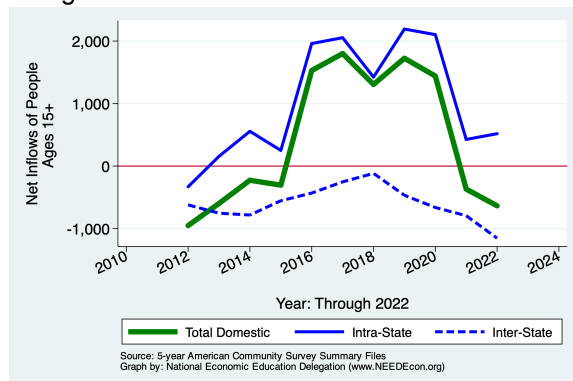


Table 17: Migration by Income

Category	Population	Net Inflows					From Abroad
		All Migration	Same State		Across States		
			W/in County	Between Counties			
No income	11,736	933	370	352	-26	237	
With income	91,592	-2,056	151	114	-2,559	238	
\$1 to \$9,999 or less	10,577	-1,120	-37	-648	-561	126	
\$10,000 to \$14,999	7,057	161	196	68	-145	42	
\$15,000 to \$24,999	10,140	-812	-441	36	-407	0	
\$25,000 to \$34,999	9,827	-321	-71	-39	-211	0	
\$35,000 to \$49,999	12,872	888	258	697	-67	0	
\$50,000 to \$64,999	9,693	-509	161	-305	-365	0	
\$65,000 to \$74,999	3,015	-295	0	-79	-216	0	
\$75,000 or more	28,411	-48	85	384	-587	70	
All:	103,328	-1,123	521	466	-2,585	475	

Source: 2022 1-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

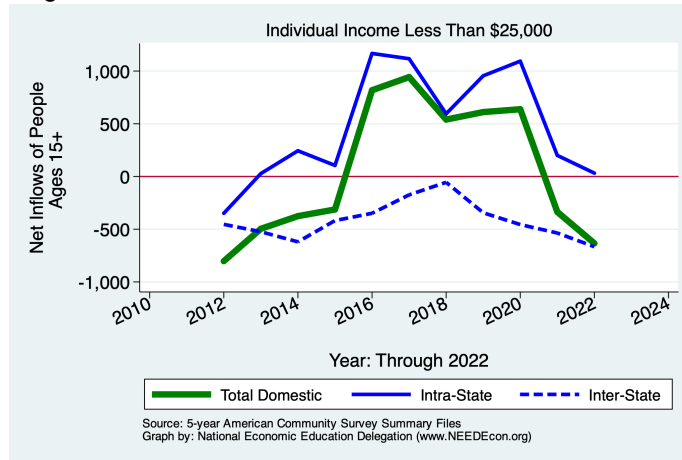


Figure 89: Overall Movements of Middle Income Residents

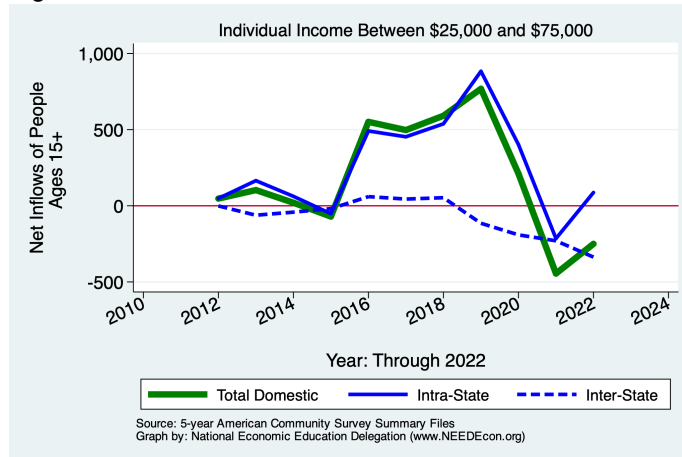
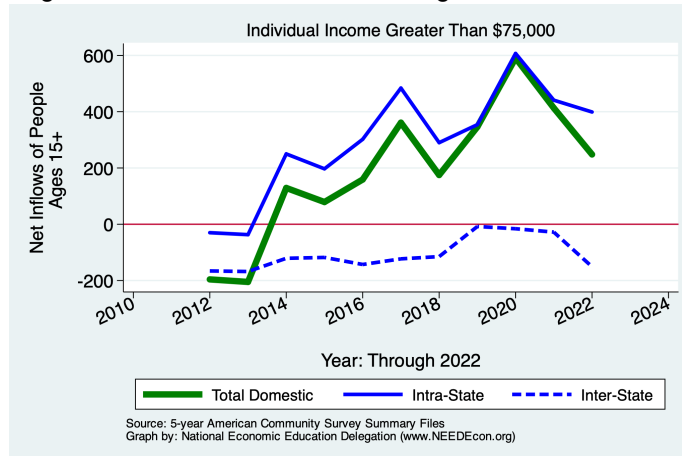


Figure 90: Overall Movements of High Income Residents



Demographics of Migration Flows

Table 18: Migration by Marital Status

Category	Population	All Migration	Net Inflows			
			Same State		Across States	From Abroad
			W/in County	Between Counties		
Never married	35,267	-162	750	-24	-888	0
Now married, except separated	50,708	-828	-128	545	-1,591	346
Divorced	9,601	262	108	80	15	59
Separated	1,817	-163	-3	-94	-66	0
Widowed	5,935	-232	-206	-41	-55	70
Total:	103,328	-1,123	521	466	-2,585	475

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

Table 19: Migration by Tenure

Category	Population	All Migration	Net Inflows			
			Same State		Across States	From Abroad
			W/in County	Between Counties		
Householder lived in owner-occupied housing units	75,959	-1,239	155	719	-2,214	101
Householder lived in renter-occupied housing units	43,127	150	528	-50	-1,095	767
Total:	119,086	-1,089	683	669	-3,309	868

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

Figure 91: Domestic Movements of Residents by Tenure

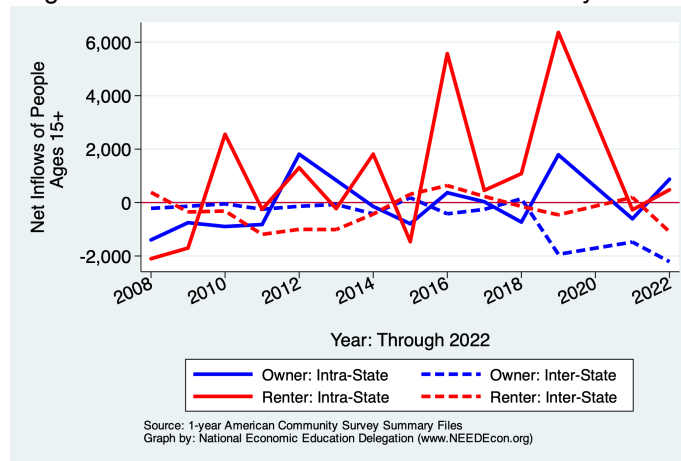


Table 20: Migration by Age

Category	Population	Net Inflows				
		All Migration	Same State		Across States	From Abroad
			W/in County	Between Counties		
1 to 4 years	6,906	-19	58	1	-124	46
5 to 17 years	17,262	-380	-334	134	-292	112
18 and 19 years	2,796	-115	-74	-8	-43	10
20 to 24 years	6,264	-162	-159	-4	-12	13
25 to 29 years	9,317	-11	27	41	-238	159
30 to 34 years	10,547	232	59	328	-292	137
35 to 39 years	10,377	342	52	194	-63	159
40 to 44 years	8,077	-385	-289	-39	-77	20
45 to 49 years	7,334	78	-63	215	-161	87
50 to 54 years	7,777	155	13	128	-53	67
55 to 59 years	9,083	-57	-77	56	-71	35
60 to 64 years	7,971	-7	-18	86	-76	1
65 to 69 years	6,516	-178	-31	-93	-64	10
70 to 74 years	5,718	33	70	-56	-7	26
75 years and over	7,561	215	97	53	25	40
Total Population:	123,506	-259	-669	1,036	-1,548	922

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

Table 21: Migration by Educational Attainment

Category	Population	Net Inflows				
		All Migration	Same State		Across States	From Abroad
			W/in County	Between Counties		
Less than high school graduate	10,734	294	140	-8	124	38
High school graduate (includes equiv)	19,490	315	445	185	-357	42
Some college or assoc. degree	25,162	-1,092	-350	164	-1,046	140
Bachelor's degree	23,132	369	45	601	-532	255
Graduate or professional degree	11,869	-301	15	170	-486	0
Total:	90,387	-415	295	1,112	-2,297	475

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

Table 22: Median Income of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago	45,350	45,350
Moved Within Same County	38,506	27,223
Moved to Different County, Same State	46,882	37,702
Moved Between States	29,795	33,842
Moved from Abroad	2,499	
Total Population:	43,988	43,417

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	42.8	42.8
Moved Within Same County	31.6	32.5
Moved to Different County, Same State	32.2	33.2
Moved Between States	63.9	30.2
Moved from Abroad	26.0	
Total Population:	40.9	40.7

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 released in January.

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

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