

# **Yorba Linda, California**

## *Indicators Report*

by  
The National Economic Education Delegation (NEED)

April 21, 2024

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

This report was produced by the:

National Economic Education Delegation  
271 Arias St.  
San Rafael, CA 94903  
415-336-5705  
[www.NEEDEcon.org](http://www.NEEDEcon.org)  
Contact: [Jon@NEEDEcon.org](mailto:Jon@NEEDEcon.org)

# Executive Summary

## *Assessing the City with Indicators*

### **About this Report**

This report provides background or summary information for the city of Yorba Linda (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 Yorba Linda. These indicators are compared to Orange 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 Yorba Linda 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 Yorba Linda 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 Yorba Linda, 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 Yorba Linda, but do not necessarily live in Yorba Linda.
- **Migration:** Population changes comes primarily through organic causes: births and deaths. Migration between regions also plays a significant role in population growth. A final section of the report provides evidence on migration into and out of the City.

# Contents

<b>Executive Summary</b>	<b>1</b>
Assessing the City with Indicators . . . . .	1
<b>Demographics</b>	<b>3</b>
A Demographic Snapshot . . . . .	3
Current Population . . . . .	5
<b>Employment Report</b>	<b>8</b>
Citywide Employment and Unemployment . . . . .	8
County Employment by Industry . . . . .	9
Some Employee Detail . . . . .	10
<b>Income and Earnings</b>	<b>16</b>
Per Capita Personal Income Growth . . . . .	16
Poverty and Inequality . . . . .	19
<b>Housing</b>	<b>21</b>
Housing Costs and Affordability . . . . .	21
Housing Picture . . . . .	25
Vintage of Residential Housing . . . . .	27
Occupation of Residential Housing . . . . .	29
Residential Permitting . . . . .	31
<b>Commute Patterns</b>	<b>34</b>
Mode of Transportation . . . . .	34
Commute Times for Employed Residents . . . . .	36
Commute Times for Those Employed in the City . . . . .	37
Place of Work . . . . .	38
Commute Mode by Income . . . . .	40
Commute Mode by Poverty Status . . . . .	41
<b>Migration</b>	<b>42</b>
Overall Migration Flows . . . . .	42
Demographics of Migration Flows . . . . .	44
<b>References and Sources</b>	<b>46</b>

# 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 Yorba Linda's population are fundamental indicators of the city's growth potential.

***A Demographic Snapshot***

Statistic	2022	2019
<b>POPULATION</b>		
Population Estimate (#, 5yr)	68,035.0	67,725.0
Veterans (#, 5yr)	2,359.0	2,801.0
Foreign born persons (% , 5yr)	21.7	19.8
Population age 25+ (#, 5yr)	47,983.0	47,558.0
<b>AGE AND SEX</b>		
Persons under 5 years (% , 5yr)	5.0	5.1
Persons under 18 years (% , 5yr)	22.7	23.1
Persons 65 years and over (% , 5yr)	19.4	18.0
Female persons (% , 5yr)	50.7	52.0
<b>INCOME AND POVERTY</b>		
Median household income (\$ , 5yr)	148,325.0	129,995.0
Per capita income in past 12 months (\$ , 5yr)	64,265.0	55,710.0
Persons in poverty (% , 5yr)	6.0	4.5
Children age less than 18 in poverty (#, 5yr)	1,219.0	953.0
Children age less than 18 in poverty (% , 5yr)	7.9	6.2
<b>RACE AND ETHNICITY</b>		
White alone (% , 5yr)	60.6	72.2
African American alone (% , 5yr)	1.2	1.4
American Indian or Alaska Native alone (% , 5yr)	0.3	0.1
Asian alone (% , 5yr)	23.9	20.7
Native Hawaiian and Other Pacific Islander alone (% , 5yr)	0.1	0.1
Two or More Races (% , 5yr)	10.2	3.9
Hispanic or Latino (% , 5yr)	17.7	16.5
White alone, not Hispanic or Latino (% , 5yr)	52.5	58.4
<b>HOUSING</b>		
Housing units (#, 5yr)	24,057.0	23,452.0
Owner-occupied housing units (% , 5yr)	82.7	82.6
Median value of owner-occupied housing units (\$ , 5yr)	991,400.0	858,300.0
Median selected monthly owner costs-with a mortgage (\$ , 5yr)	3,714.0	3,369.0
Median selected monthly owner costs-without a mortgage (\$ , 5yr)	988.0	791.0
Median gross rent (\$ , 5yr)	2,523.0	2,079.0
<b>FAMILIES AND LIVING ARRANGEMENTS</b>		
Households (#, 5yr)	22,938.0	22,649.0
Persons per household (#, 5yr)	3.0	3.0
Living in same house 1 year ago, % of persons age 1+ (5yr)	88.3	88.7
<b>EDUCATION</b>		
High school graduate or higher, % of persons age 25+ (5yr)	96.0	95.5
Bachelor's degree or higher, % of persons age 25+ (5yr)	55.2	54.1
<b>HEALTH</b>		
With a disability, under age 65 years (#, 5yr)	2,470.0	2,290.0
Persons without health insurance, under age 65 years (% , 5yr)	3.3	2.7
<b>LABOR FORCE</b>		
In civilian labor force, persons age 16+ (% , 5yr)	62.8	63.1
In civilian labor force, women age 16+ (% , 5yr)	55.8	56.6
Employed, persons age 16+ (% , 5yr)	57.2	57.2
Self employed (% , 5yr)	15.9	17.7
<b>TRANSPORTATION</b>		
Mean travel time to work, workers age 16+ (Mins., 5yr)	26.6	31.5
Drive alone in private vehicle (% , 5yr)	75.2	85.6
Using public transportation (% , 5yr)	1.0	1.2
Worked from home (% , 5yr)	18.5	9.8

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
<b>City</b>				
Yorba Linda	67,068	-0.32	-1.98	-2.52
<b>County and Broader Regions</b>				
Orange County	3,137,164	-0.47	-1.36	-2.37
Southern California	21,794,548	-0.41	-2.24	-2.84
California	38,940,231	-0.35	-1.79	-2.01

Source: CA DOF; Calculations by National Economic Education Delegation

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

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

Source: CA DOF; Calculations by National Economic Education Delegation

Figure 1: Population Growth (1)

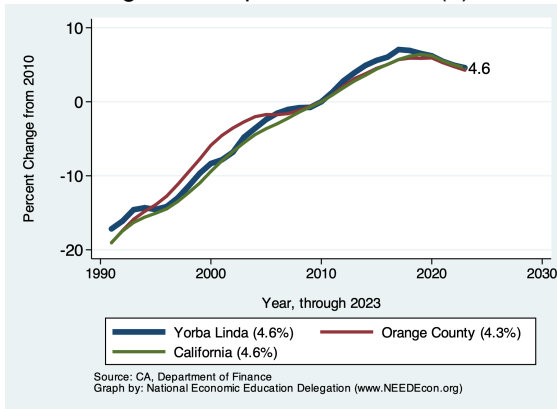


Figure 2: Population Growth (2)

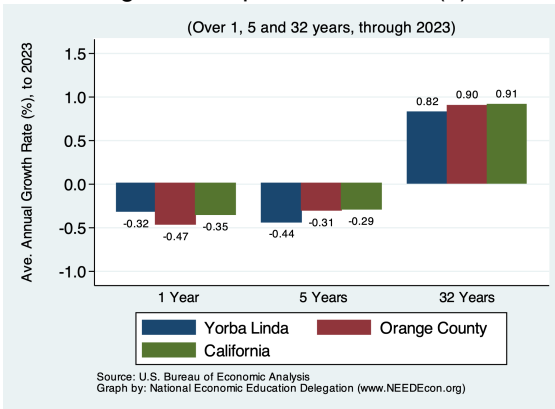


Figure 3: Population by Age - Detailed Age Categories

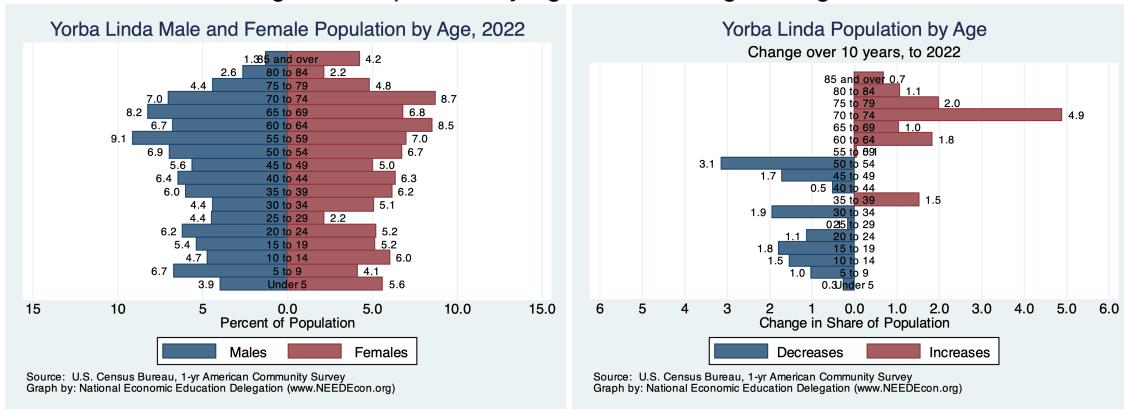


Figure 4: Population by Age - Broad Age Categories

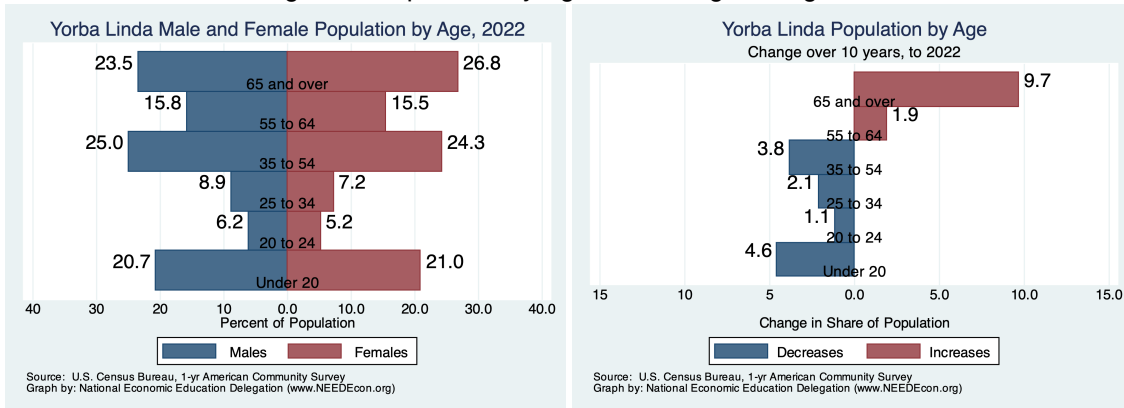


Figure 5: Population by Educational Attainment

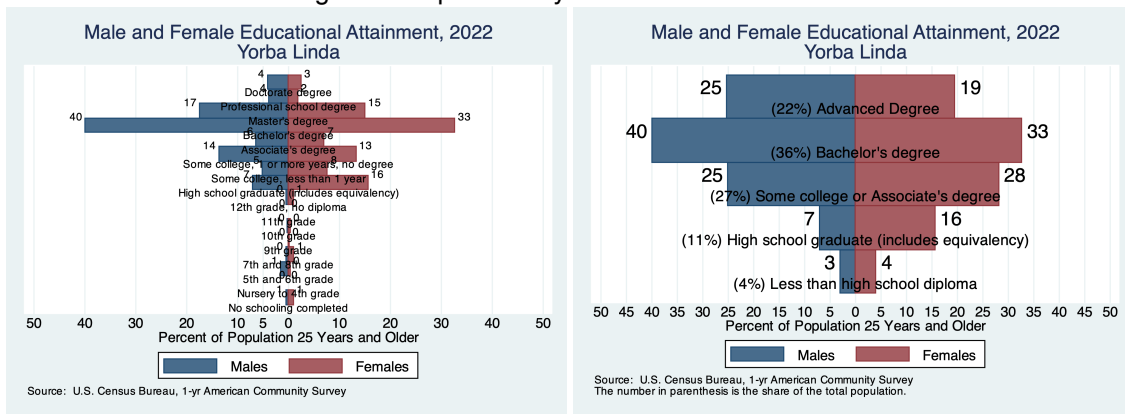


Figure 6: Population by Race/Ethnicity

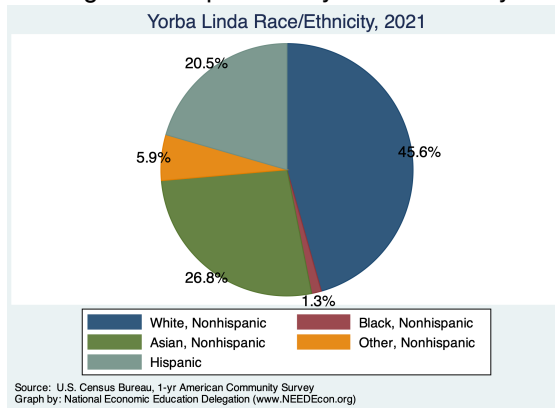
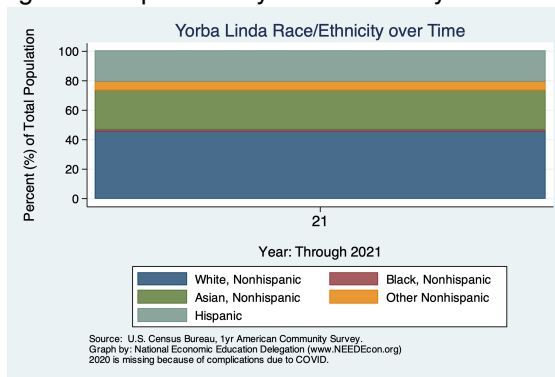


Figure 7: Population by Race/Ethnicity Over Time





# 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. Yorba Linda 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



Figure 9: Employment and Unemployment - Last 12 Months



Figure 10: Relative Employment Growth Across Regions - since 2010

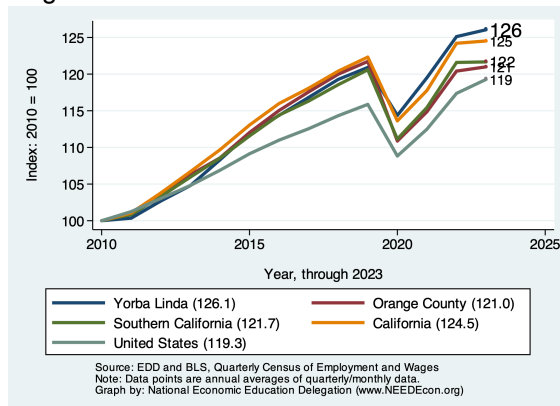
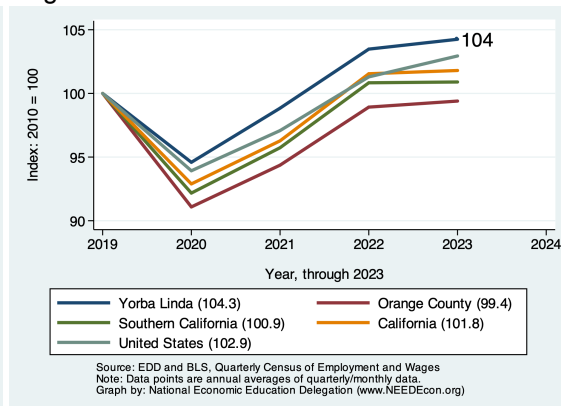


Figure 11: Relative Employment Growth Across Regions - since 2019



## County Employment by Industry

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

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

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

Source: EDD, National Economic Education Delegation (NEED)

## Some Employee Detail

### Employed in Yorba Linda

Figure 12: Employment by Occupation

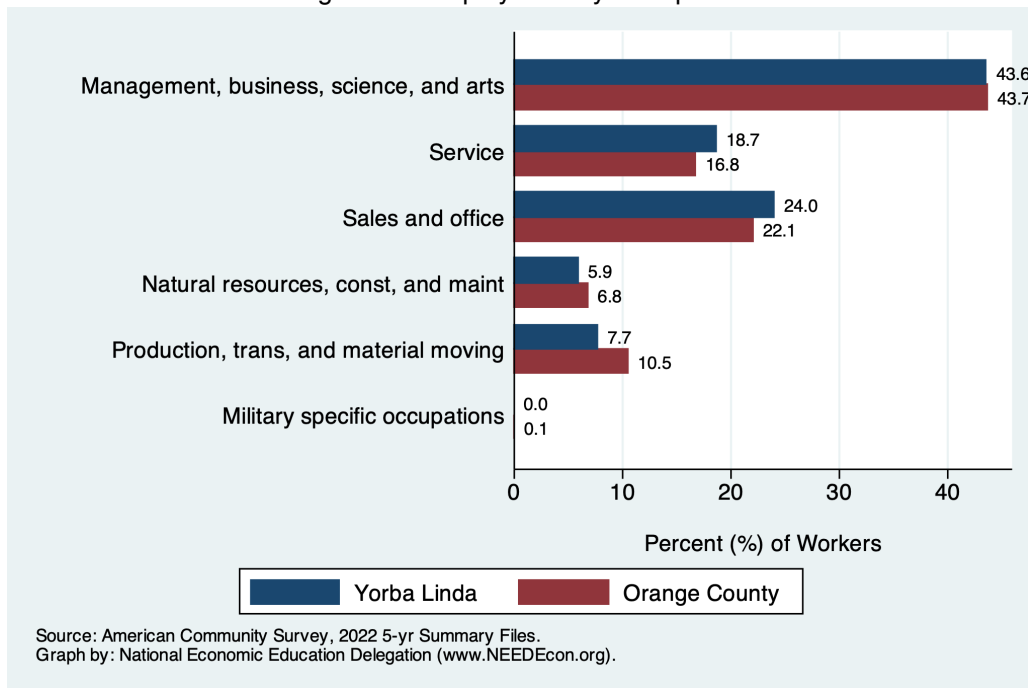


Figure 13: Employment by Industry

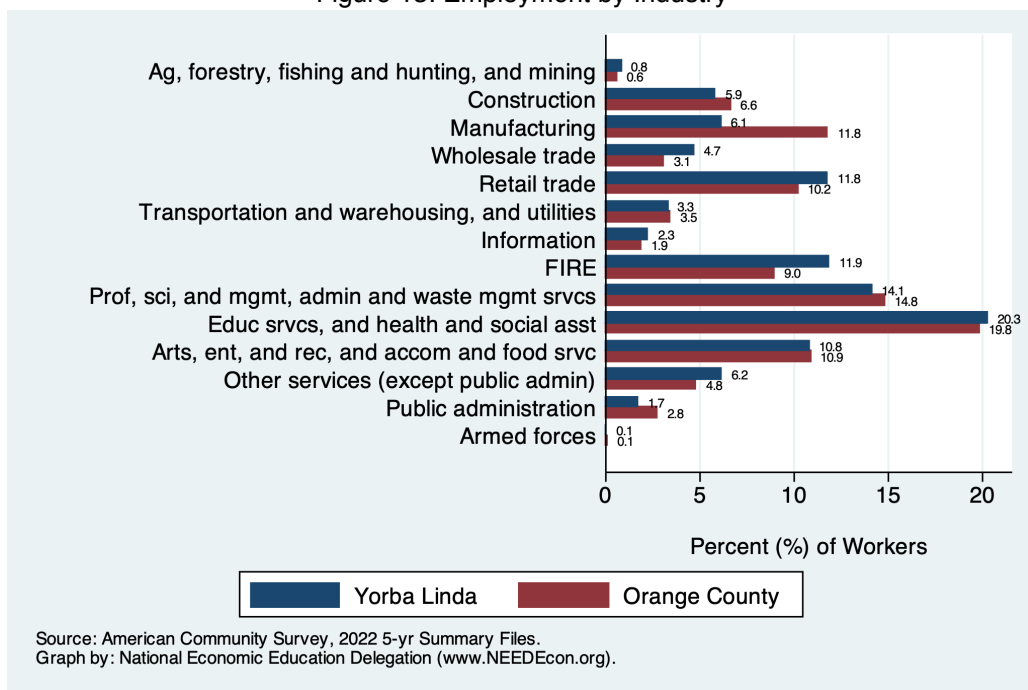


Figure 14: Language Spoken at Home

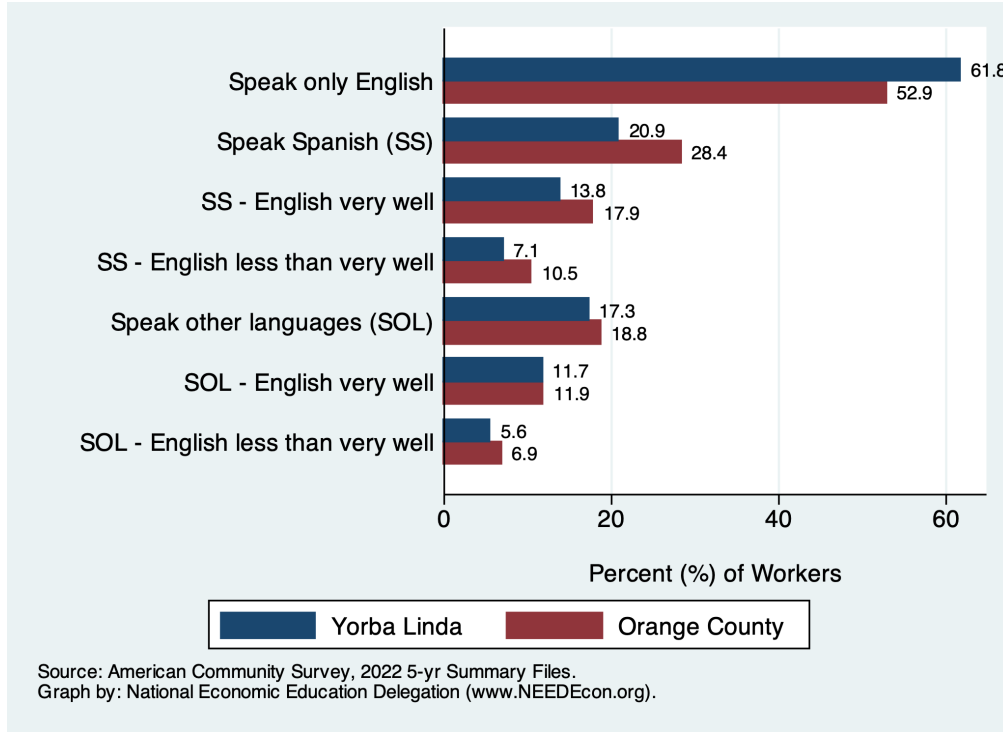
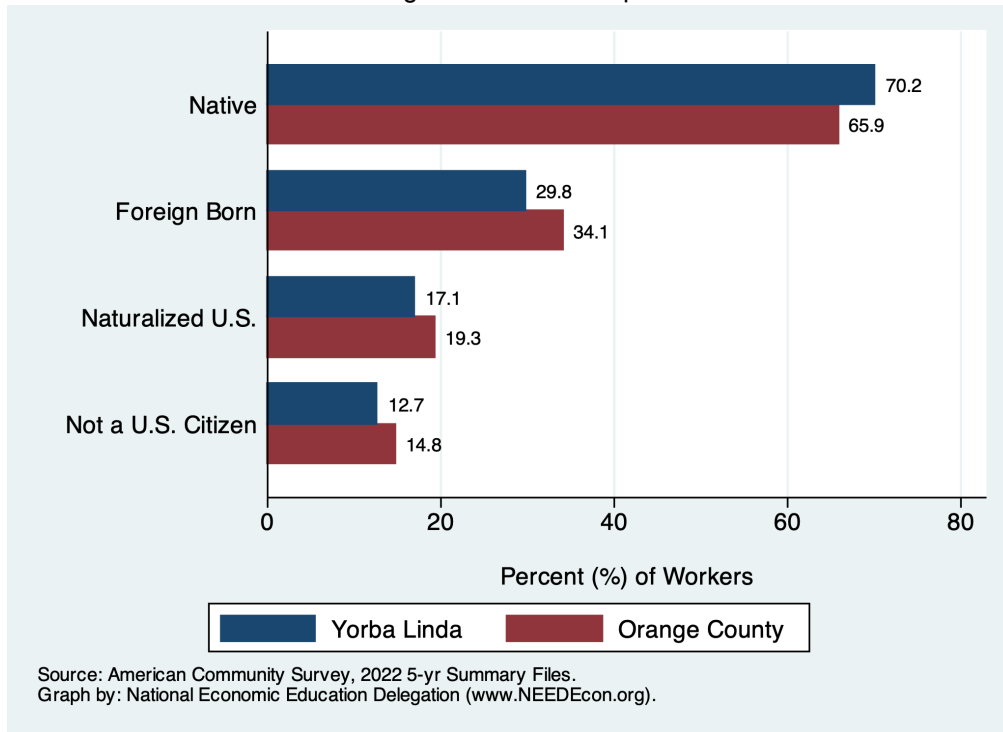


Figure 15: Citizenship



## Employed Residents of Yorba Linda

Figure 16: Employment by Occupation

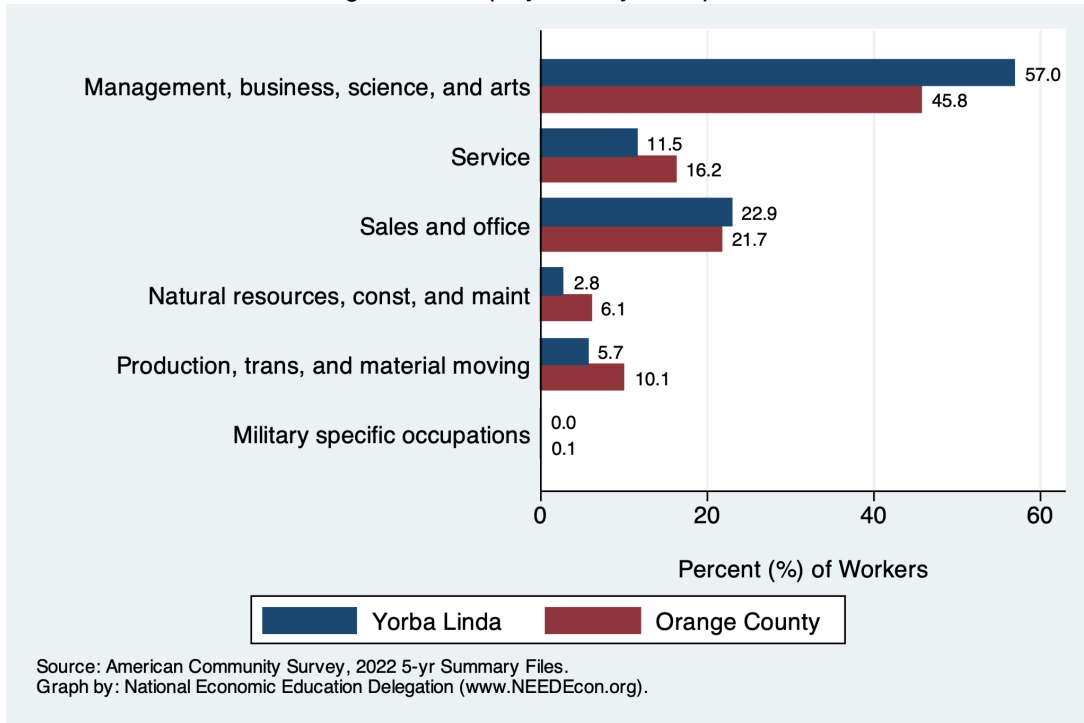


Figure 17: Employment by Industry

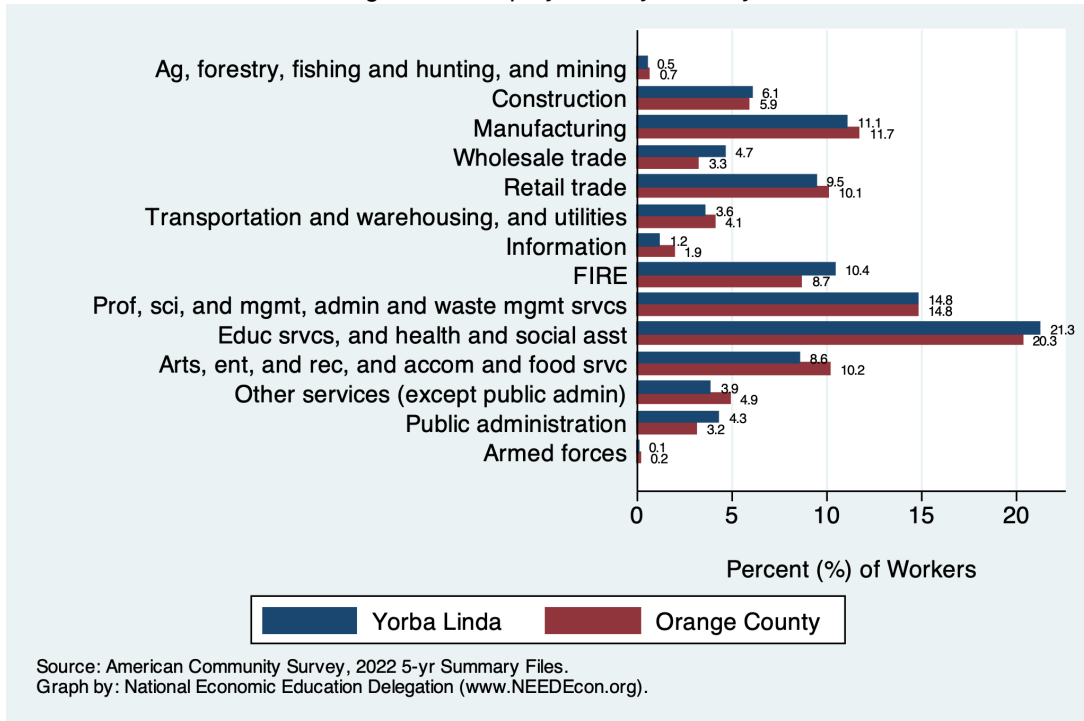
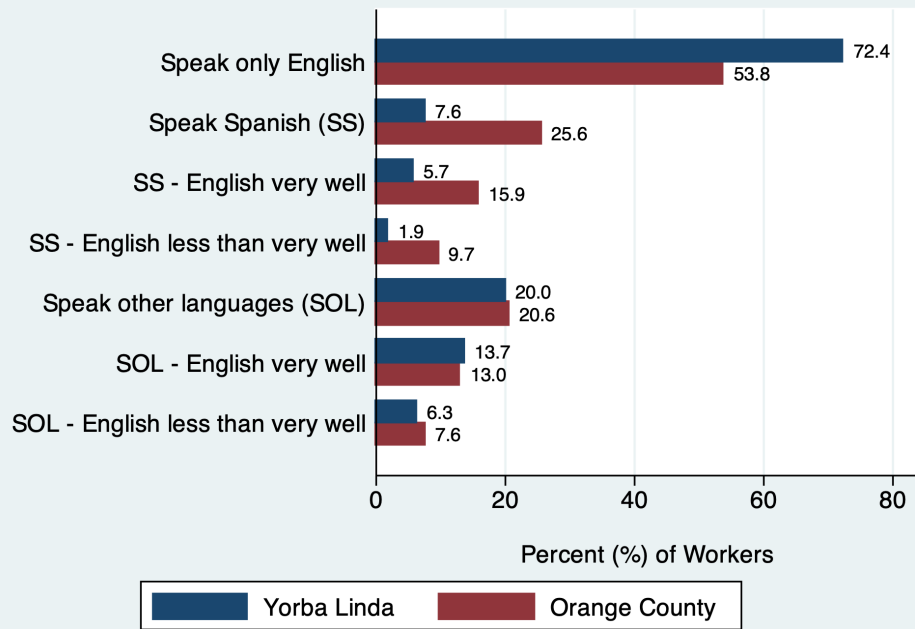
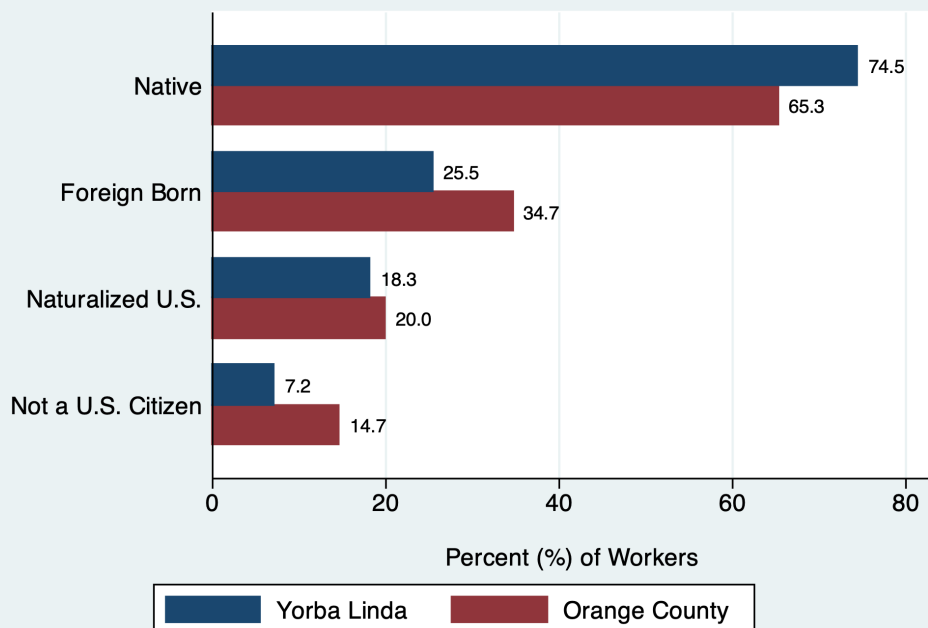


Figure 18: Language Spoken at Home



Source: American Community Survey, 2022 5-yr Summary Files.  
 Graph by: National Economic Education Delegation ([www.NEEDecon.org](http://www.NEEDecon.org)).

Figure 19: Citizenship



Source: American Community Survey, 2022 5-yr Summary Files.  
 Graph by: National Economic Education Delegation ([www.NEEDecon.org](http://www.NEEDecon.org)).

## Employed Residents vs Workers in Yorba Linda

Figure 20: Employment by Occupation

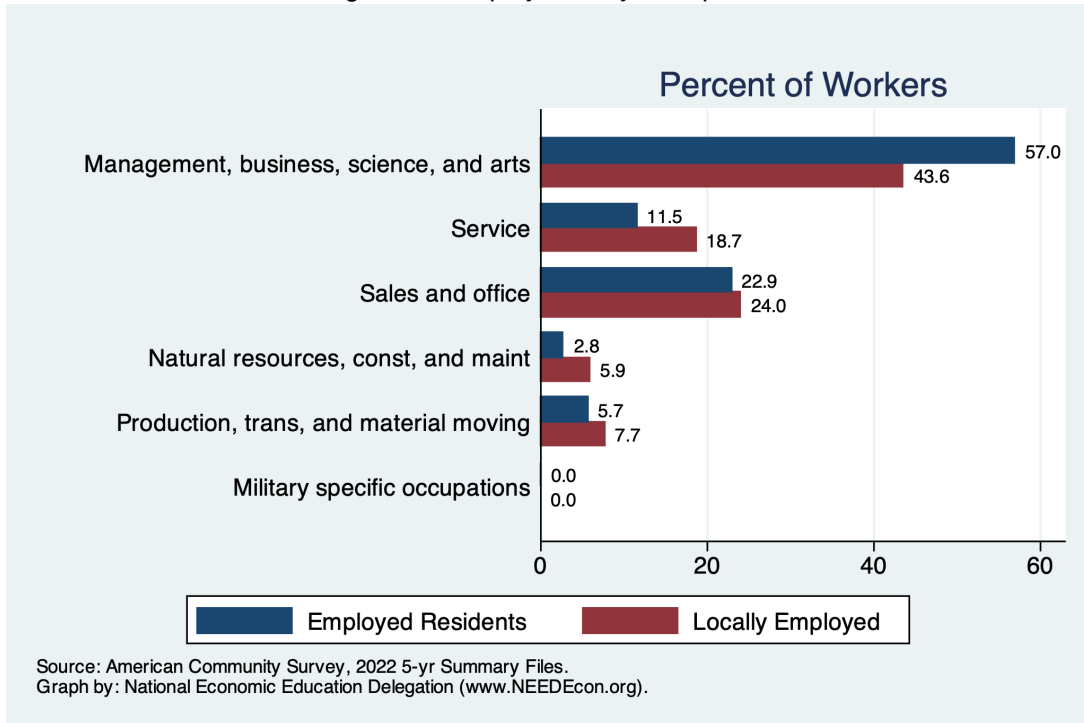


Figure 21: Employment by Industry

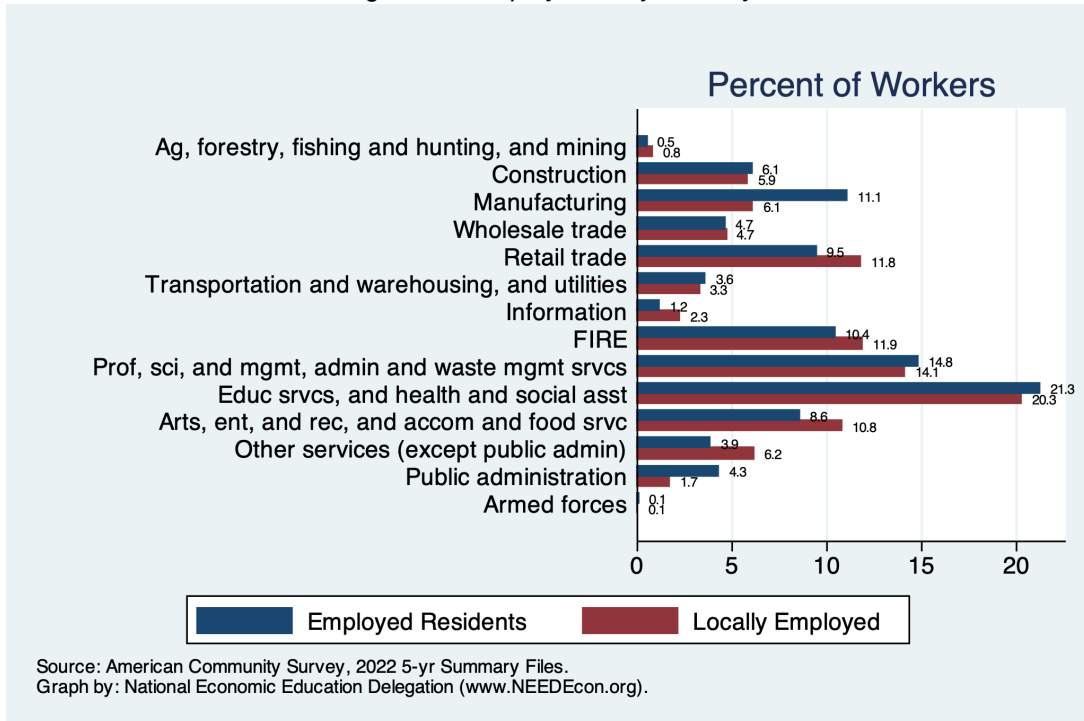


Figure 22: Language Spoken at Home

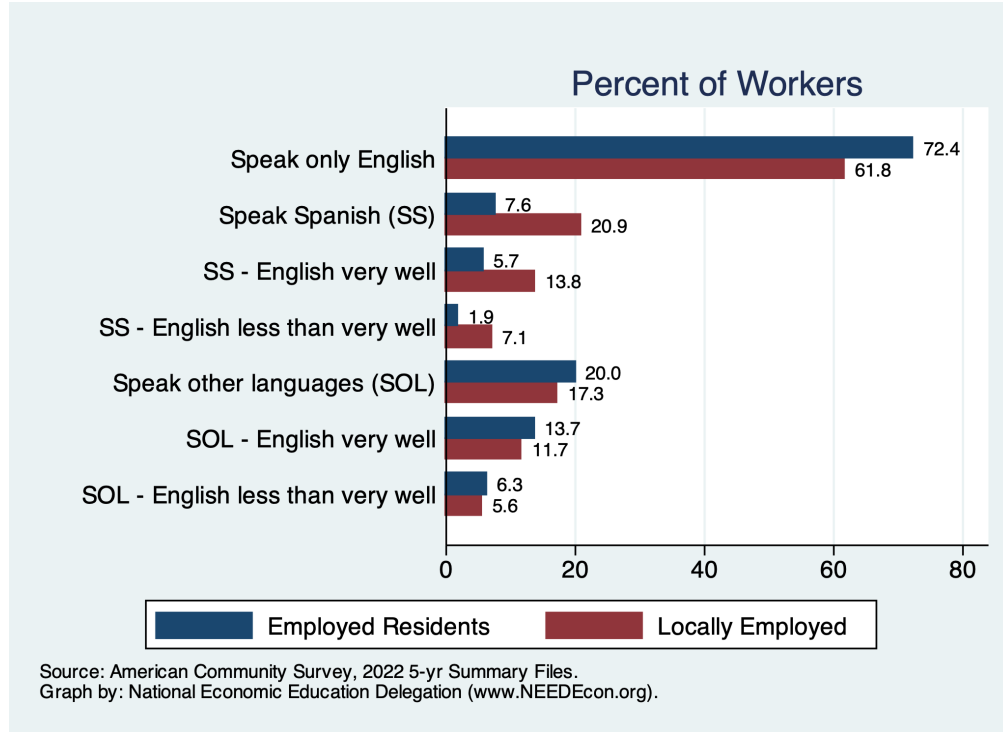
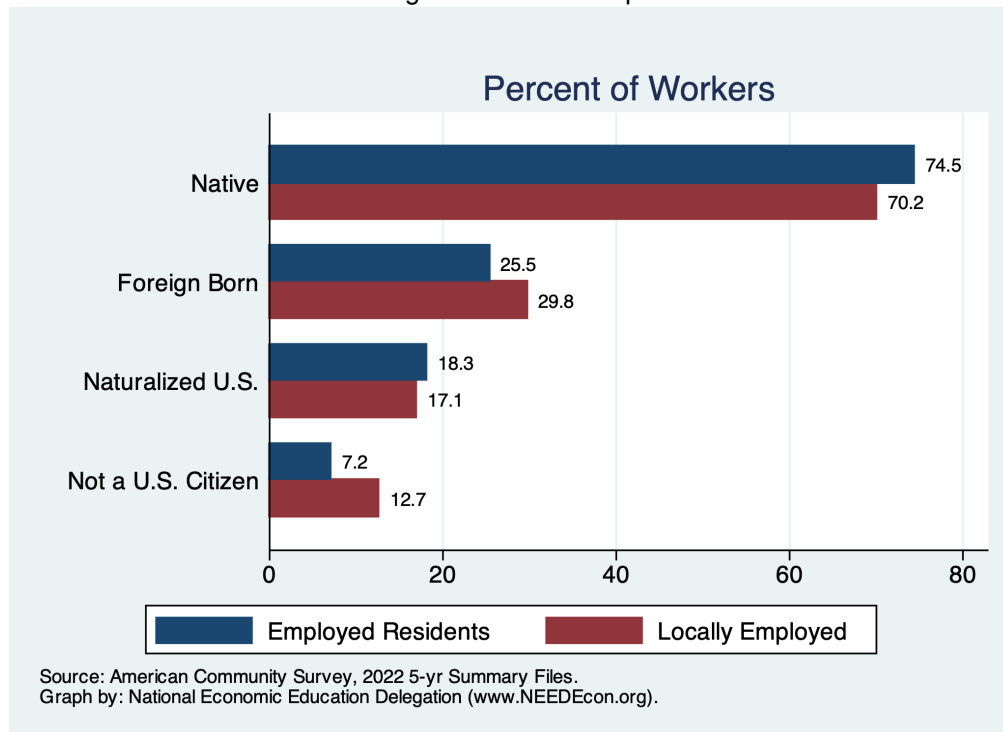


Figure 23: Citizenship





# Income and Earnings

## Per Capita Income Growth

### Definition:

Per capita income is the average income per person in Yorba Linda. 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

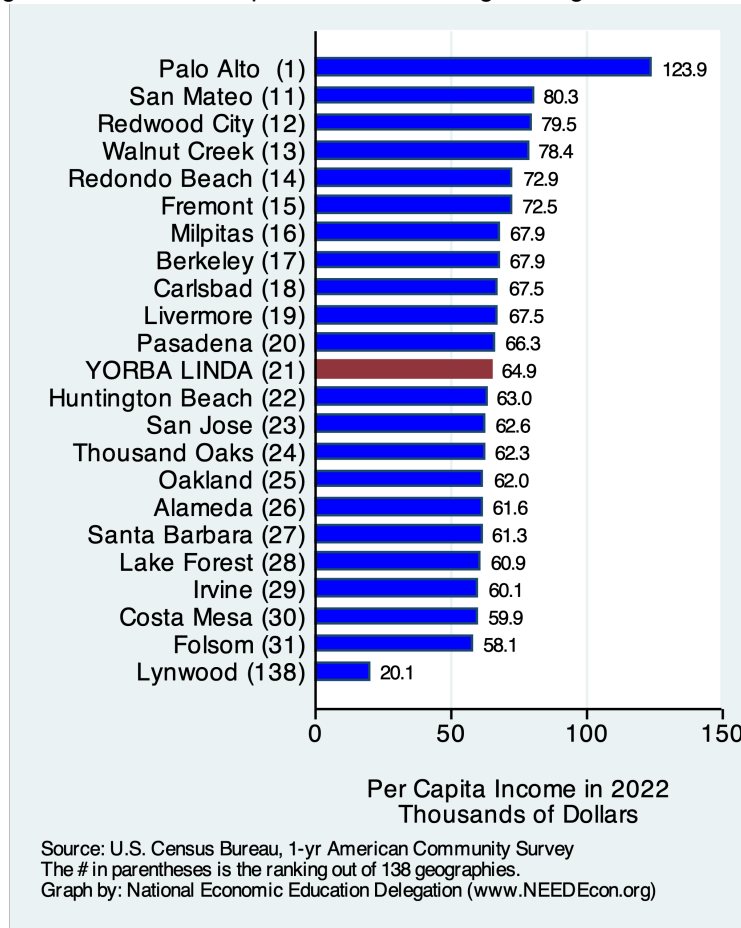
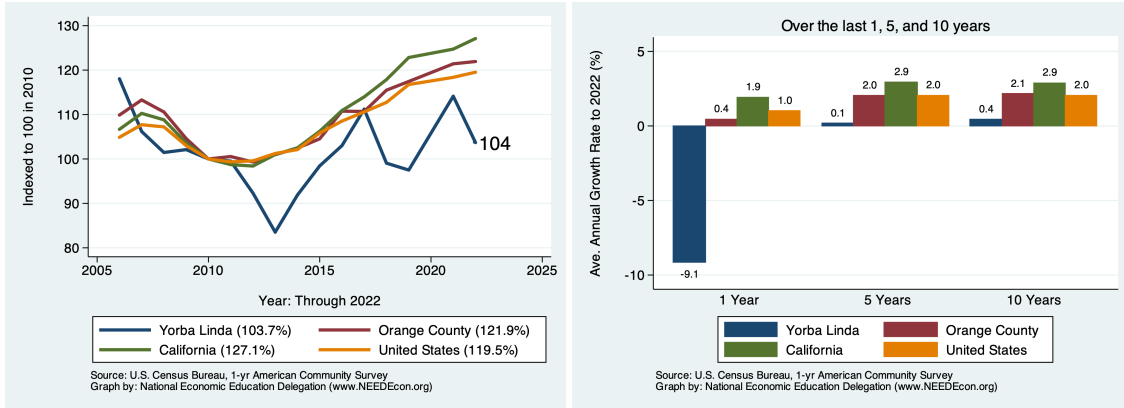


Figure 25: Regional Comparison of Growth over Time



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

Figure 26: Income Levels

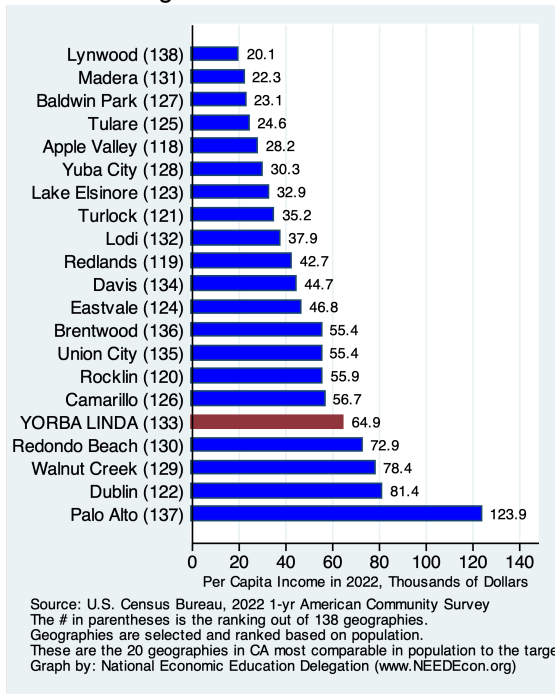
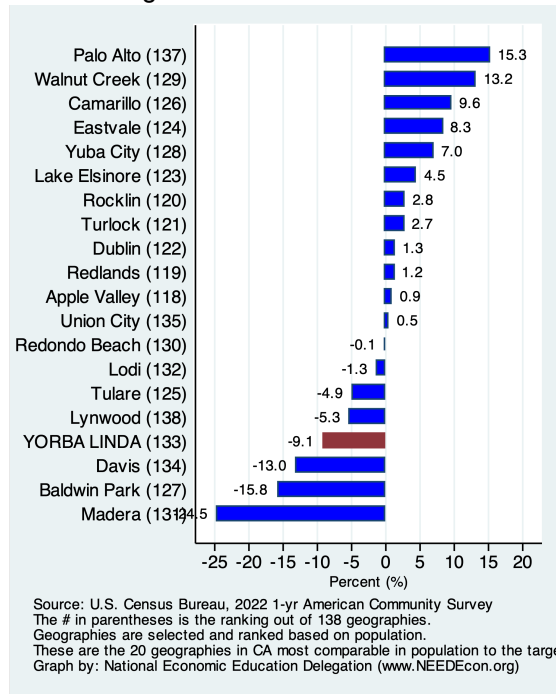


Figure 27: Growth over Time



## Real Per Capita Income Ranking Among Cities in Orange County

Figure 28: Income Levels

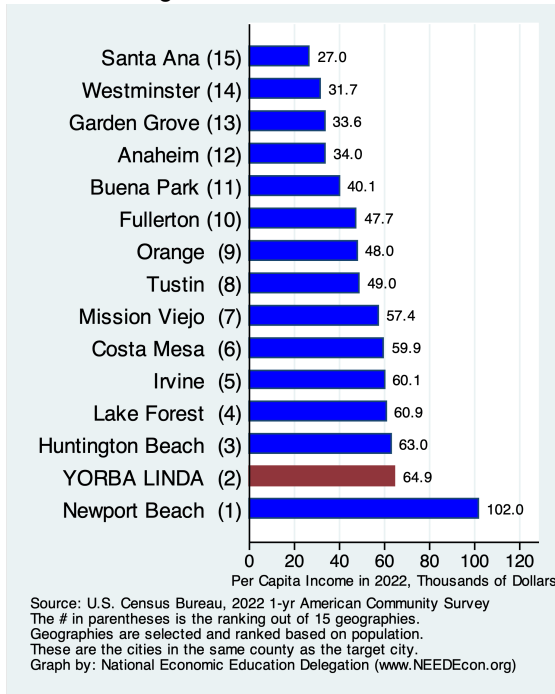


Figure 29: Growth over Time

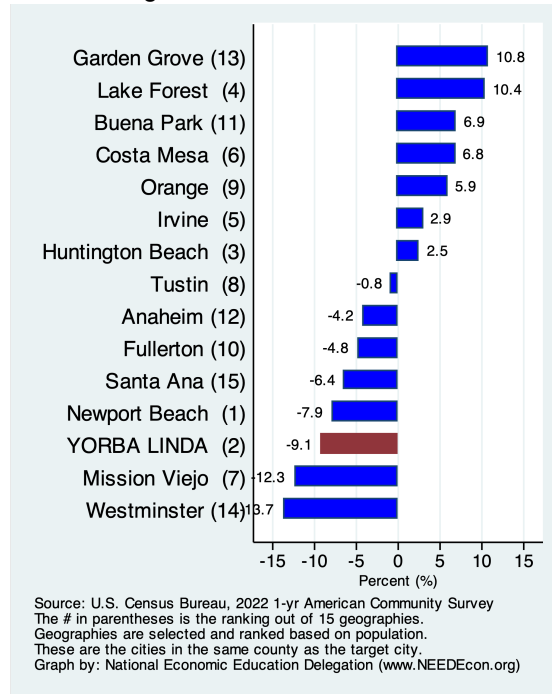
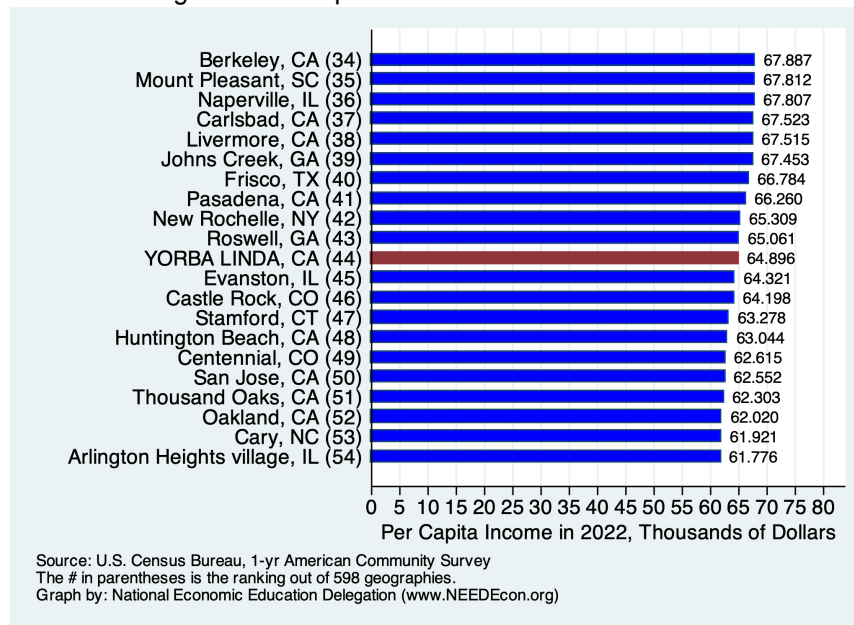


Figure 30: Comparison with All Cities Nationwide



## 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.

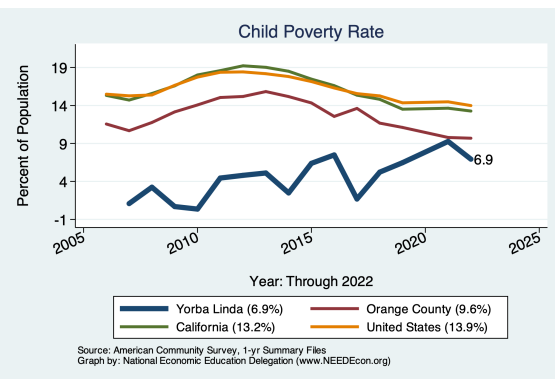
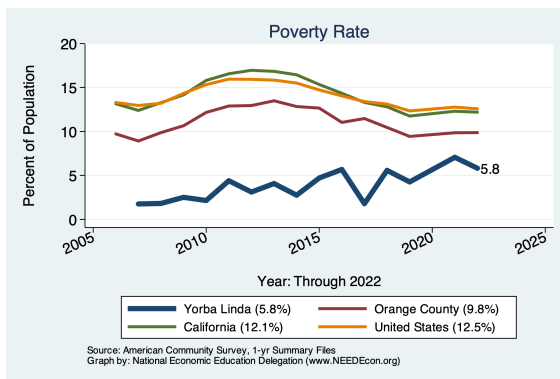


Figure 31: Inequality

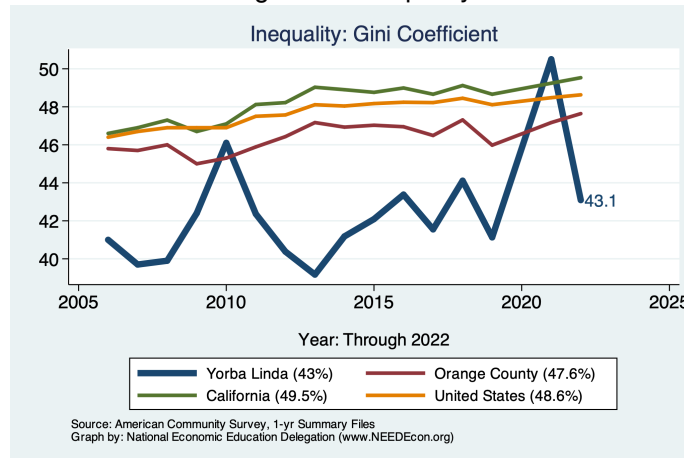


Figure 32: Shares Across the Income Distribution

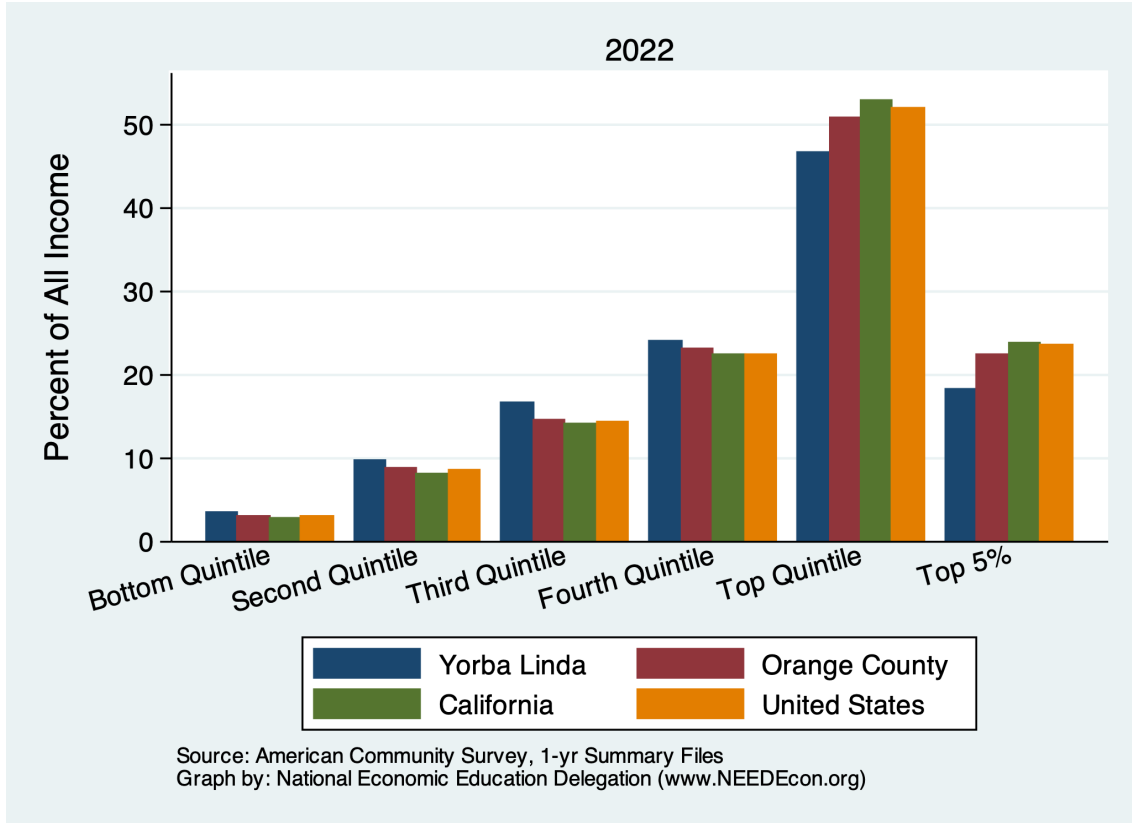
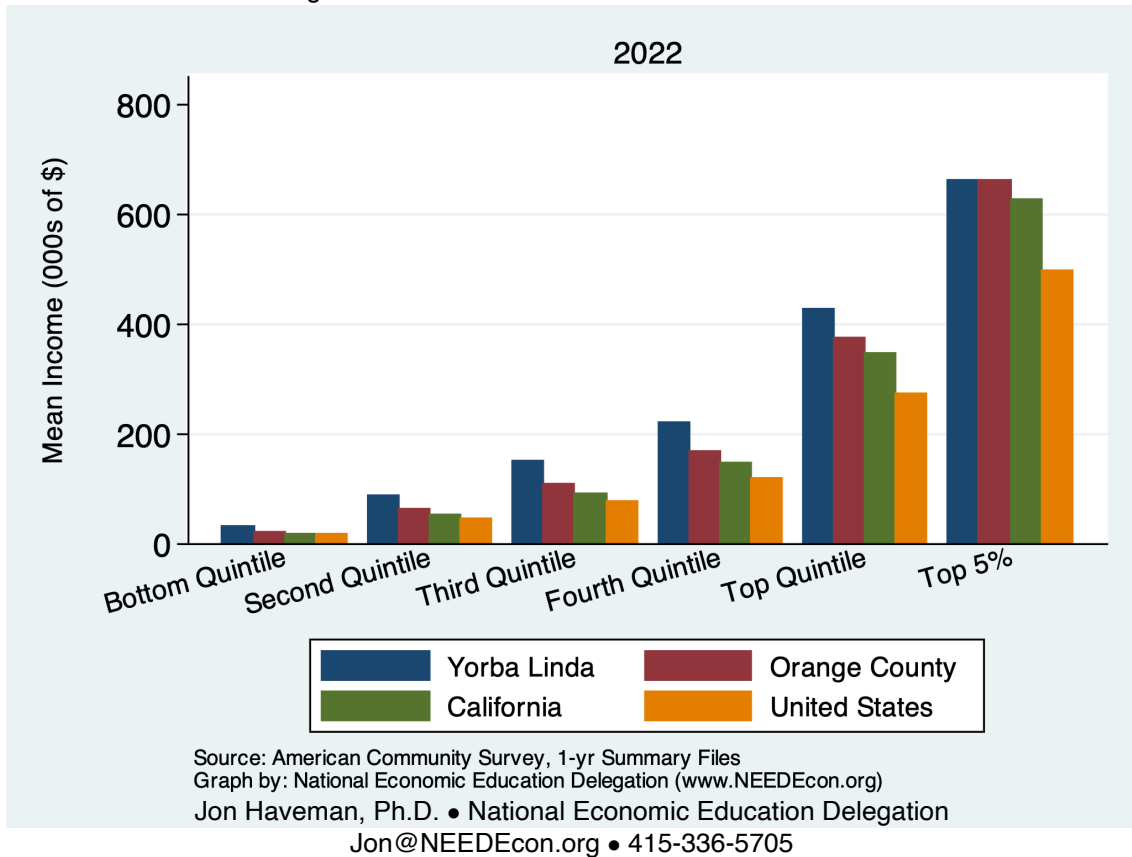


Figure 33: Means Across the Income Distribution



# 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 Yorba Linda and Broader Regions

Figure 34: Median Home Prices

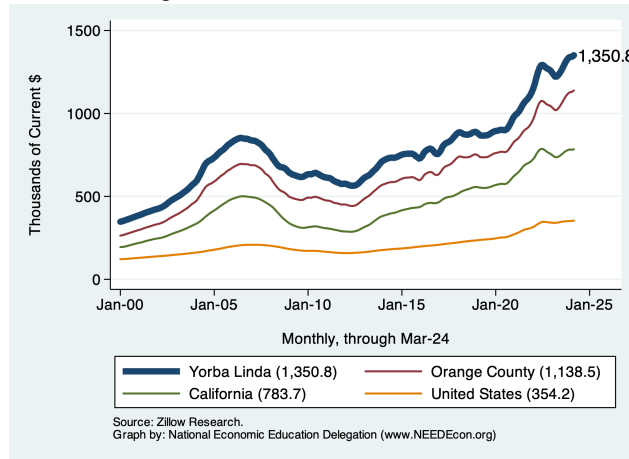
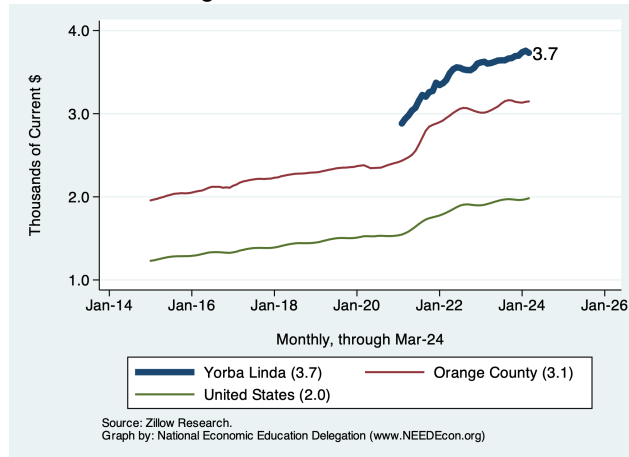


Figure 35: Median Rents



## Housing Ownership in Yorba Linda and Broader Regions

Figure 36: Home Ownership Rates

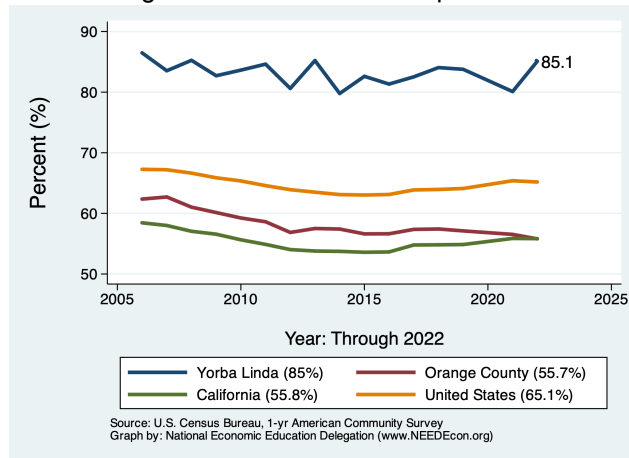


Figure 37: Home Ownership by Age

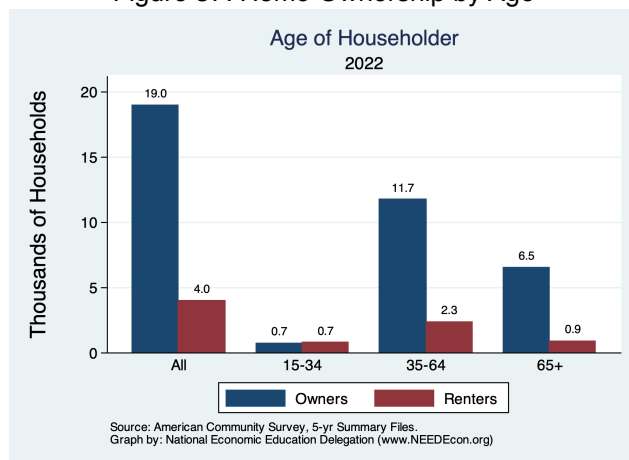


Figure 38: Income by Tenure

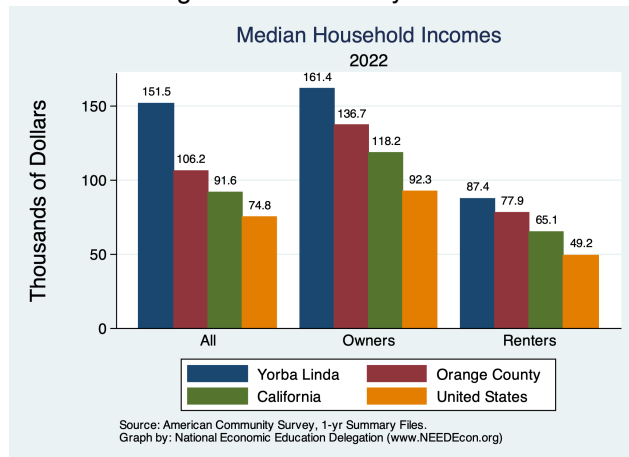


Figure 39: Income Distribution by Tenure

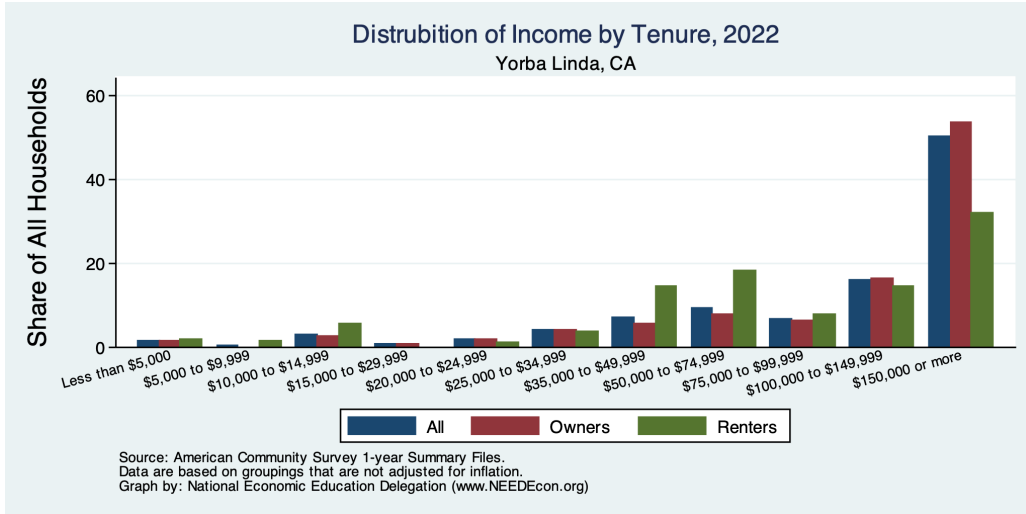


Figure 40: Income Distribution of Home Owners

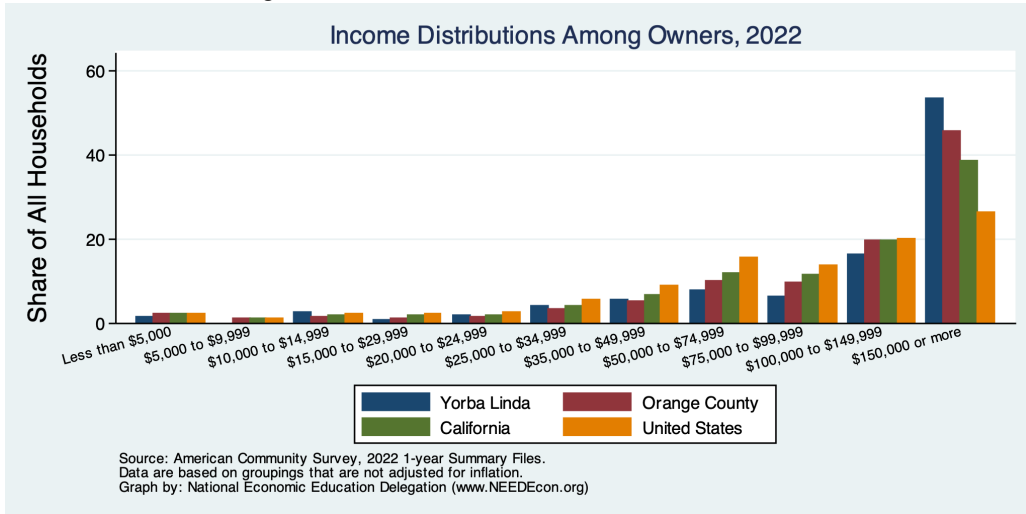
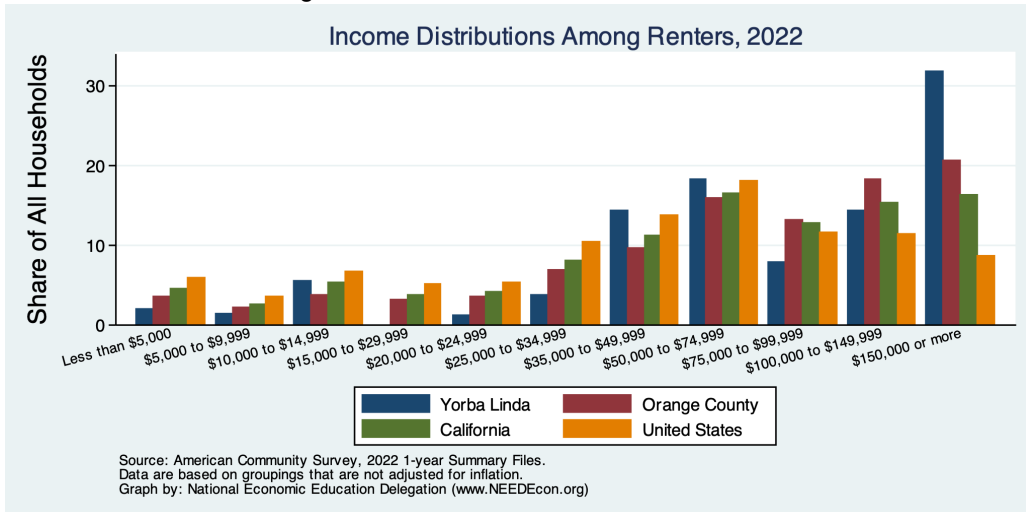


Figure 41: Income Distribution of Renters





## Housing Burden in Yorba Linda and Broader Regions

Figure 42: Home Owners w/ A Mortgage

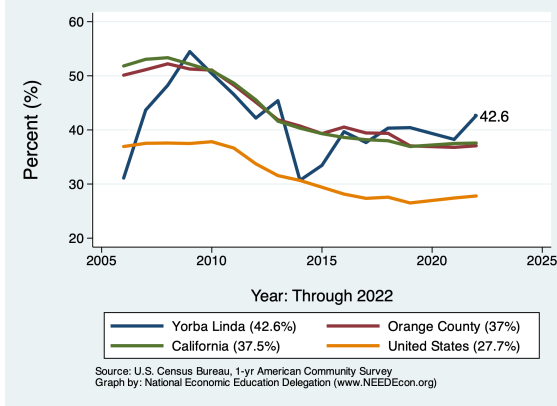


Figure 43: Home Owners w/o A Mortgage

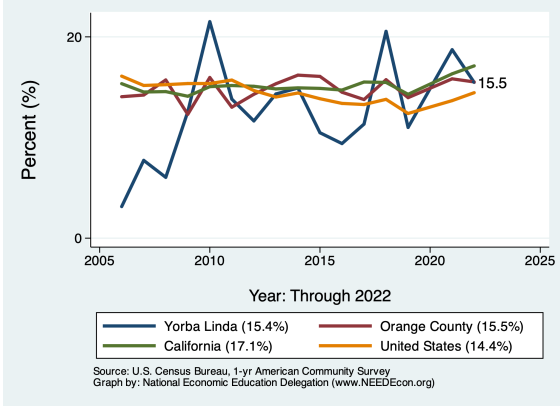


Figure 44: Renters

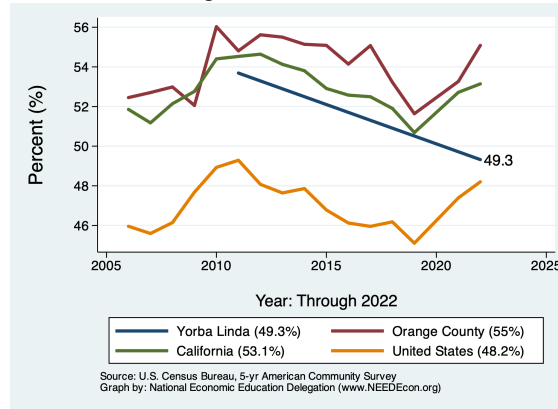
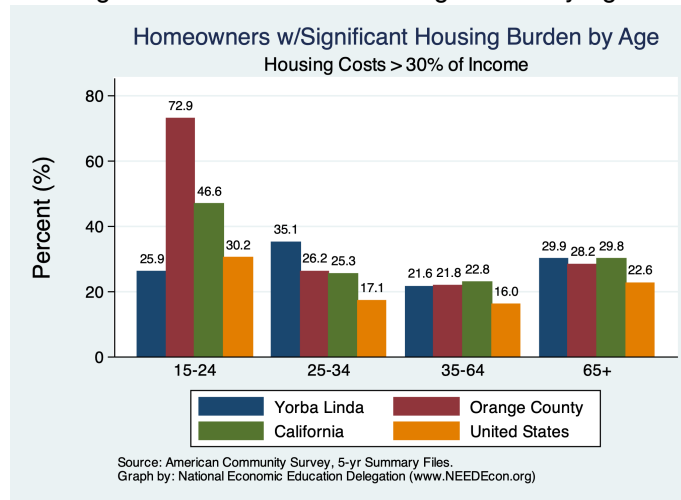


Figure 45: Homeowner Housing Burden by Age



# 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?

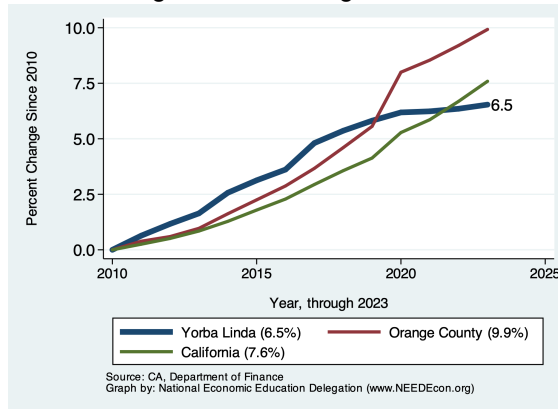
In areas where the rate of population growth exceeds the rate of housing growth, this is likely to reflect a tightening housing market. A tightening housing market will also likely be reflected in lower vacancy rates and higher occupancy rates. It may also be reflected in higher numbers of people per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

**Table 5. Housing Market Indicators**

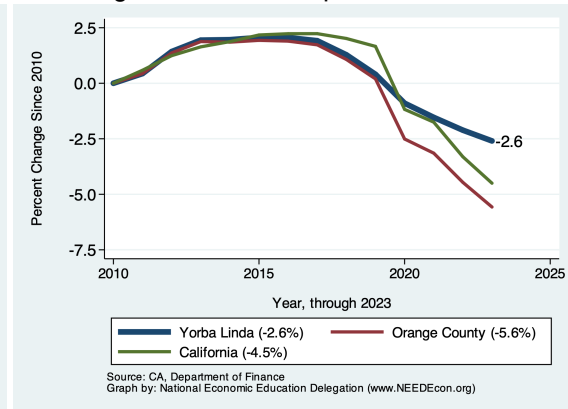
Indicator	2023	2019	2010	% Change from	
				2019	2010
Total Population	67,068.0	68,458.0	64,234.0	-2.0	4.4
Total # of Homes	23,763.0	23,602.0	22,305.0	0.7	6.5
# Occupied Units	23,130.0	22,907.0	21,576.0	1.0	7.2
Persons per Household	2.9	3.0	3.0	-3.0	-2.6
Vacancy Rate (%)	2.7	2.9	3.3	-9.5	-18.5

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

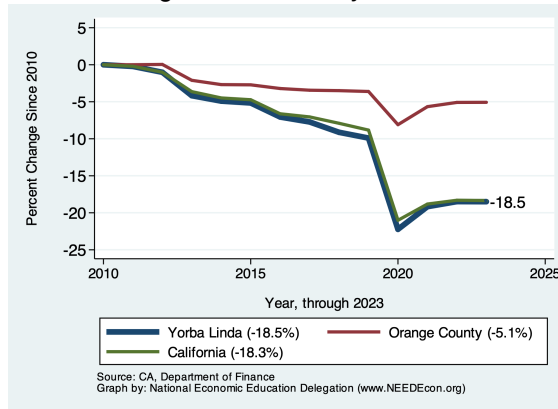
**Figure 46: Housing Growth**



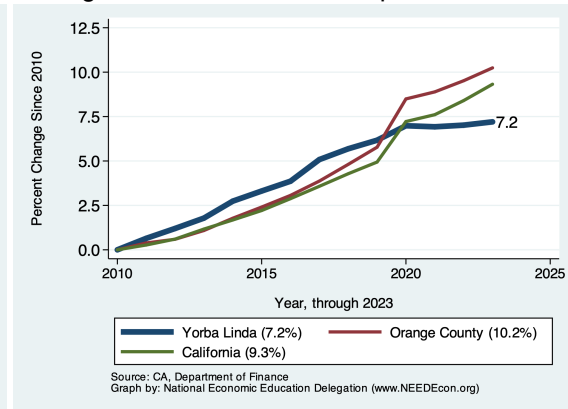
**Figure 47: Persons per Household**



**Figure 48: Vacancy Rates**



**Figure 49: Number of Occupanied Units**



## Trends in the Growth of Housing by Housing Type

Figure 50: Single Detached Homes

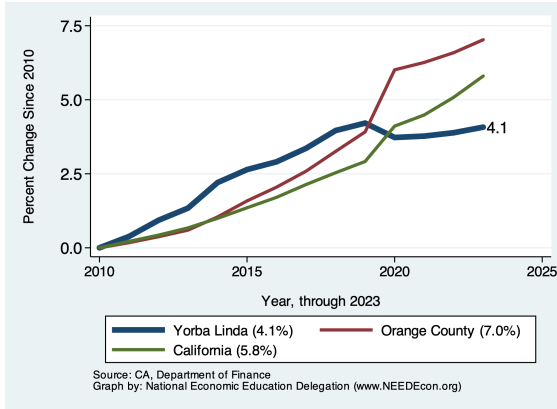


Figure 51: Single Attached Homes

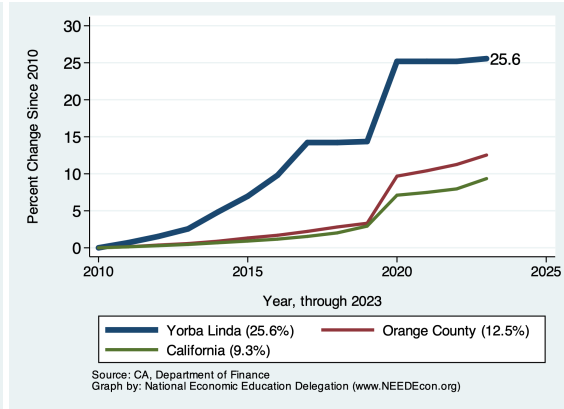


Figure 52: Housing in Buildings with Two to Four Units

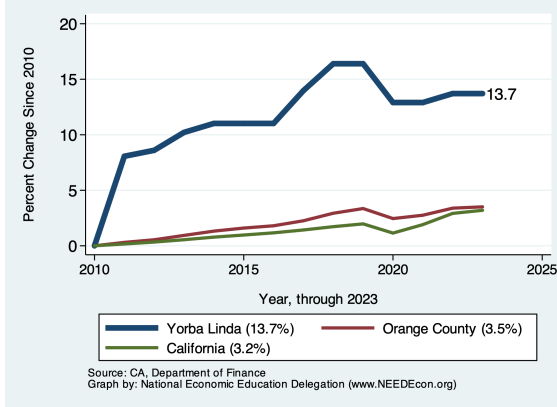
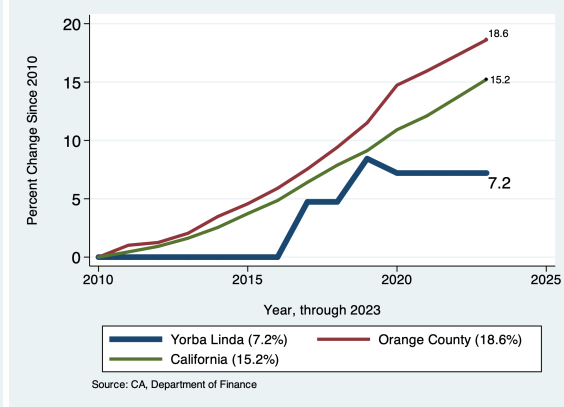


Figure 53: Housing in Buildings with Five or More Units



## Vintage of Residential Housing

### Why is it important?

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

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

Figure 54: Distribution of Housing Construction

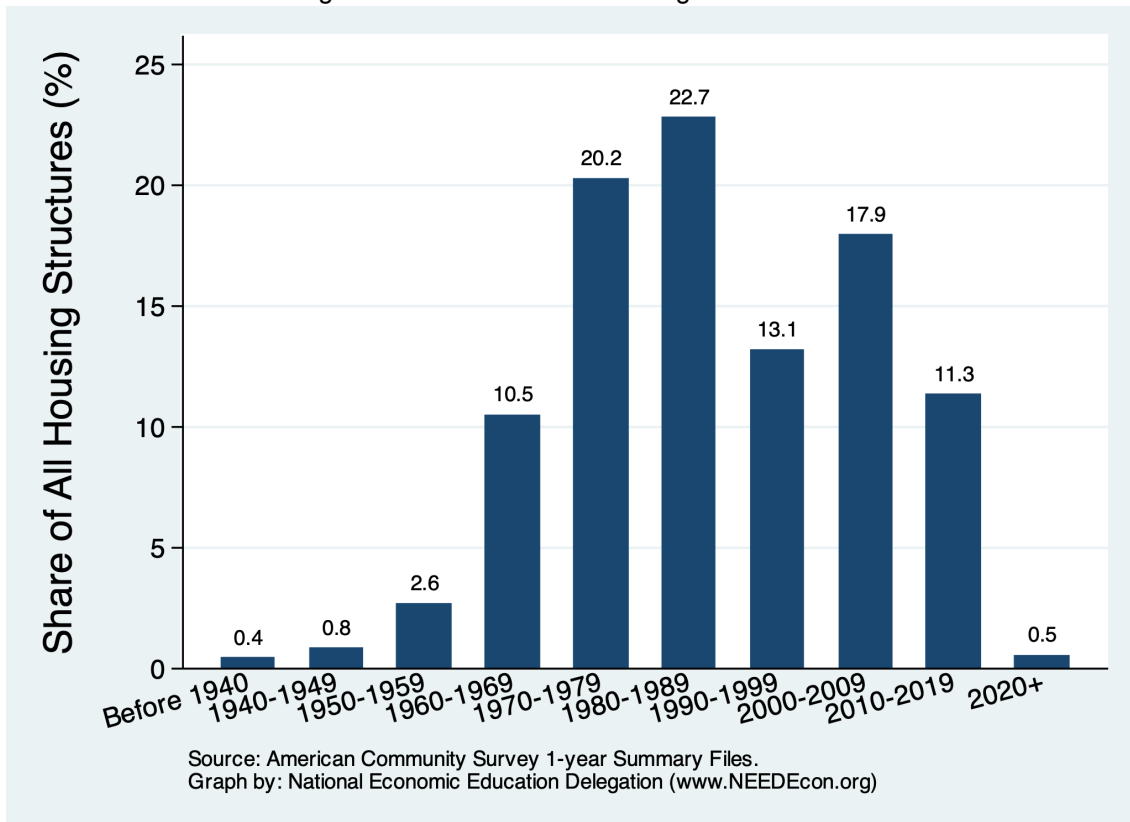


Figure 55: Housing Vintage across Regions

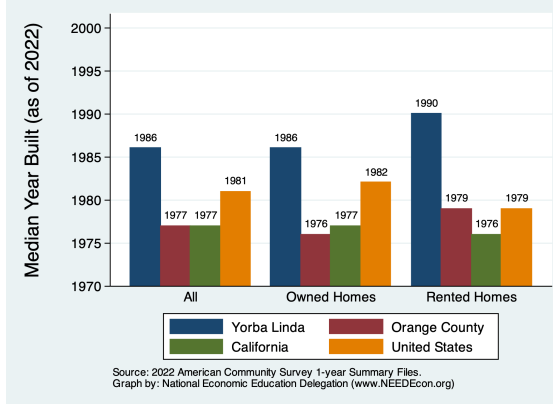


Figure 56: Housing Vintage by Tenure

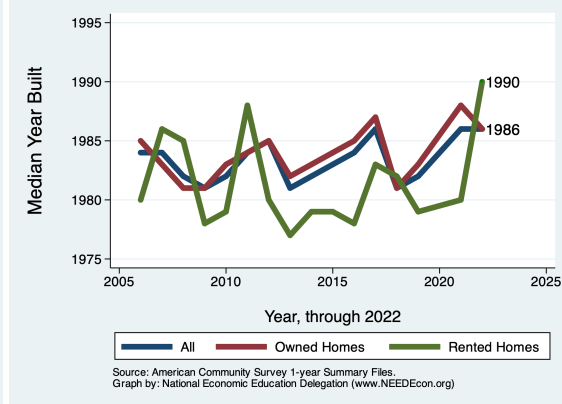


Figure 57: Vintage of Owned Residences

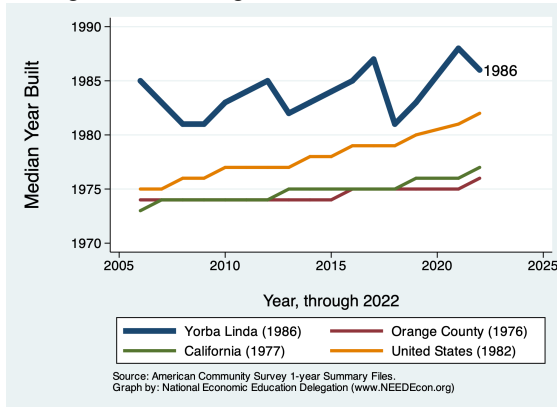


Figure 58: Vintage of Rented Residences

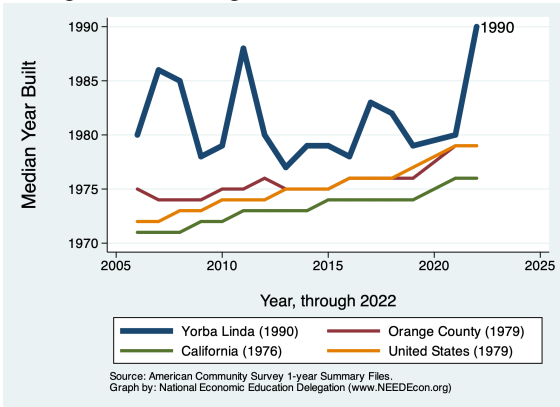
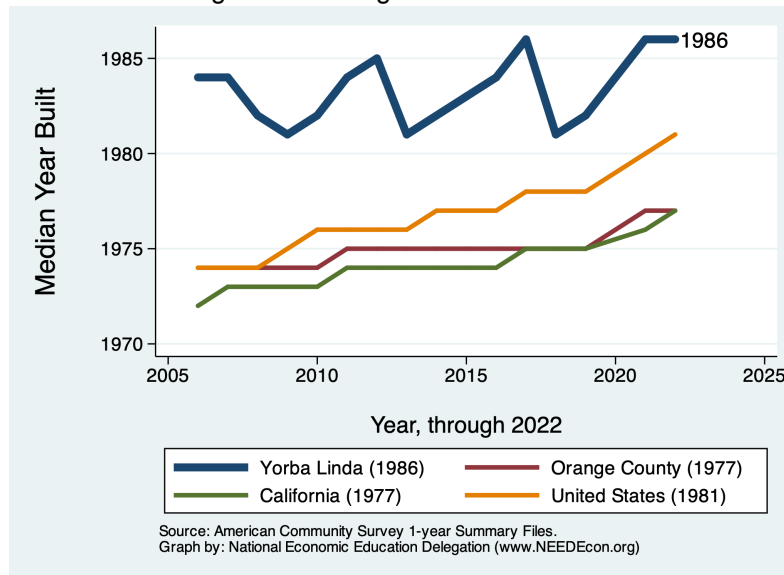


Figure 59: Vintage of All Residences



## Occupation of Residential Housing

### Why is it important?

The duration of residence in a city is important for developing future policies regarding growing the local population. If a region is highly mobile, evidenced by most residences having

been recently occupied, a city might propose policies to reduce that mobility, or ask why the mobility happens. Policies could be put in place to either reduce or increase migration.

Figure 60: Year Current Occupant Moved In

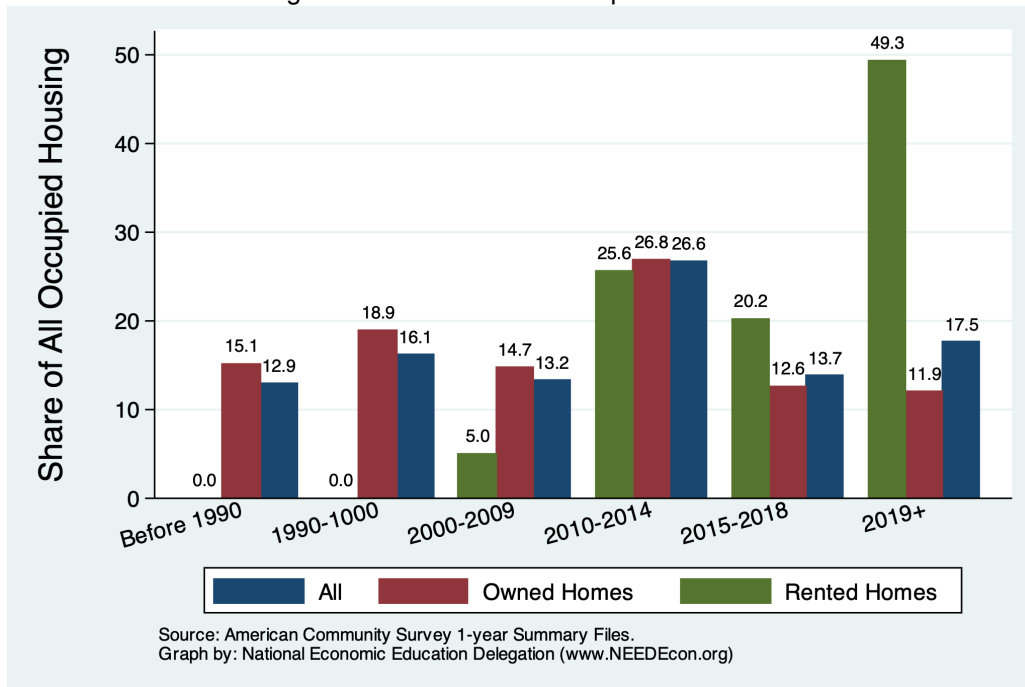


Figure 61: Year Occupied by Current Residents across Regions

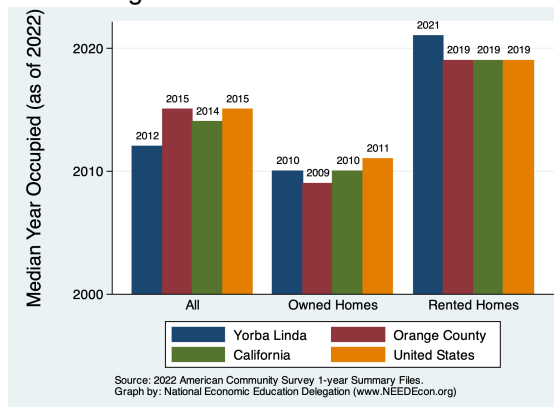


Figure 62: Year Occupied by Current Residents by Tenure

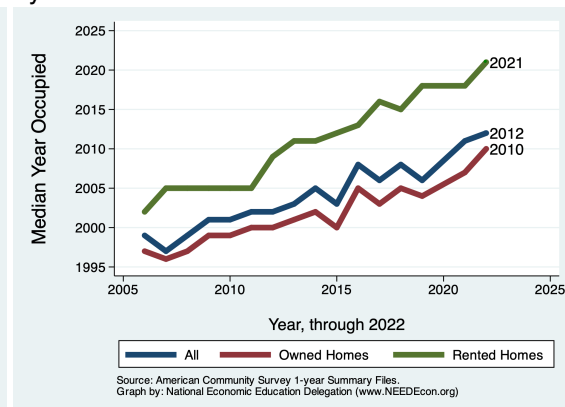


Figure 63: Year Occupied by Current Residents for Owned Housing

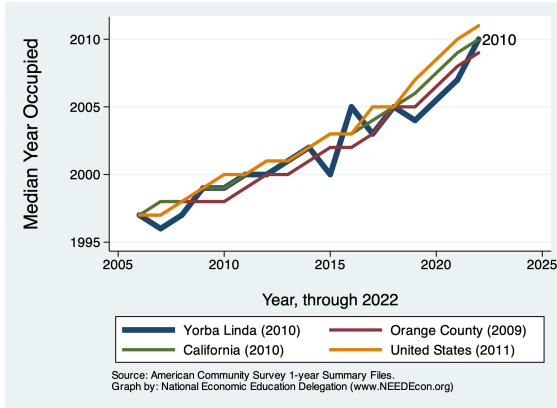


Figure 64: Year Occupied by Current Residents for Rented Housing

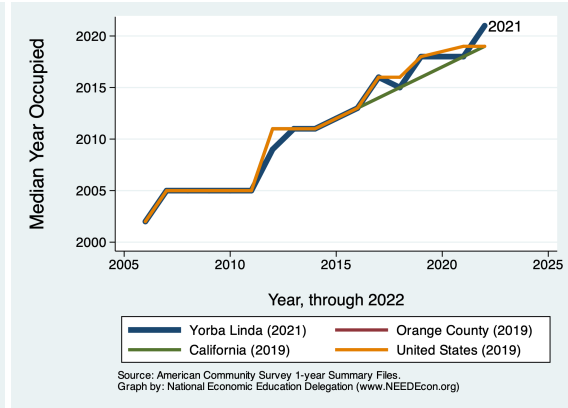
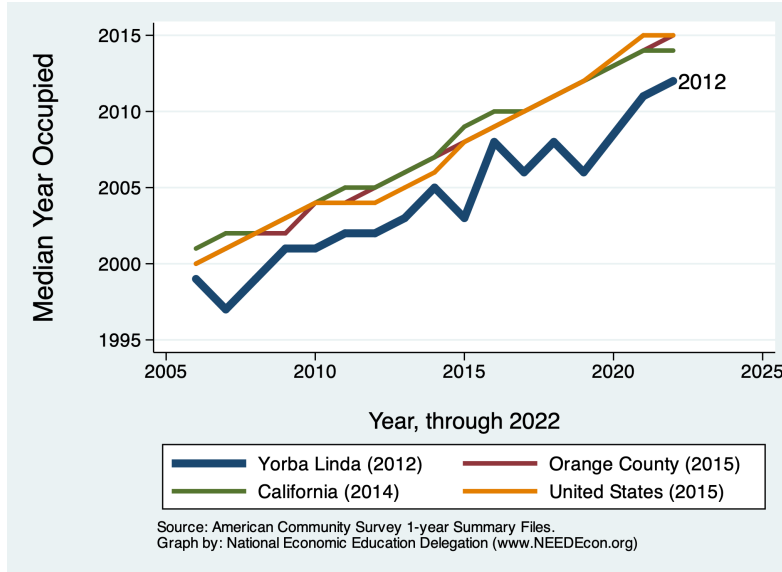


Figure 65: Year Occupied by Current Residents for All Housing



## Residential Permitting

### Definition:

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

### Why is it important?

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

### Yorba Linda - Ranking Among Comparables

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

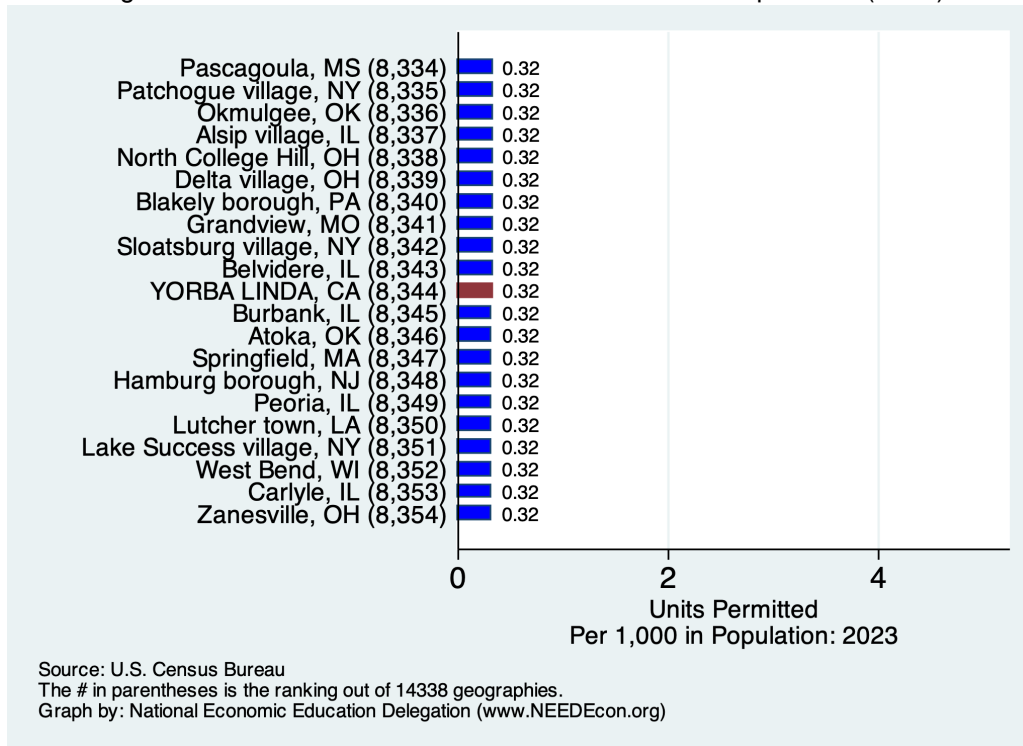
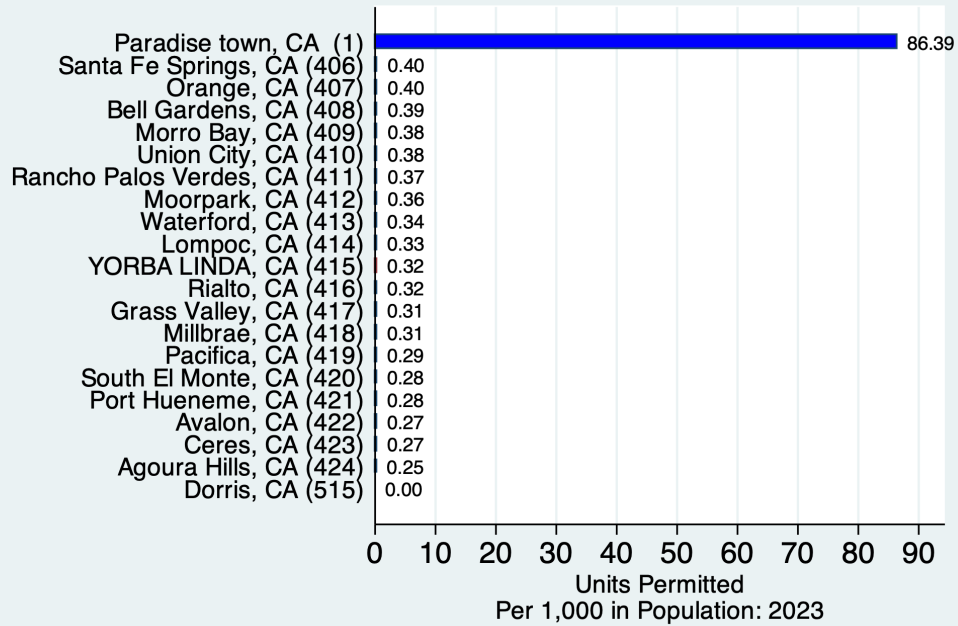


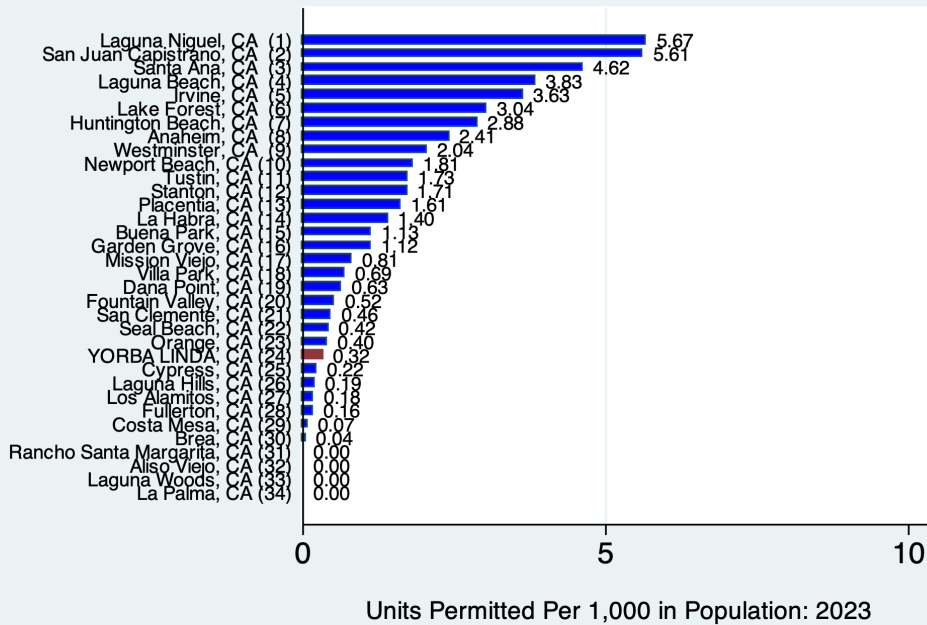


Figure 67: Number of Units Permitted - California Comparables (Rank)



Source: U.S. Census Bureau.  
 The # in parentheses is the ranking out of 515 geographies.  
 Graph by: National Economic Education Delegation ([www.NEEDecon.org](http://www.NEEDecon.org))

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



Source: U.S. Census Bureau,  
 The # in parentheses is the ranking out of 34 geographies.  
 Graph by: National Economic Education Delegation ([www.NEEDecon.org](http://www.NEEDecon.org))

## Yorba Linda - Permitting Activity

### Annual Units Permitted - Per Capita in Yorba Linda

Figure 69: Units Permitted Each Year

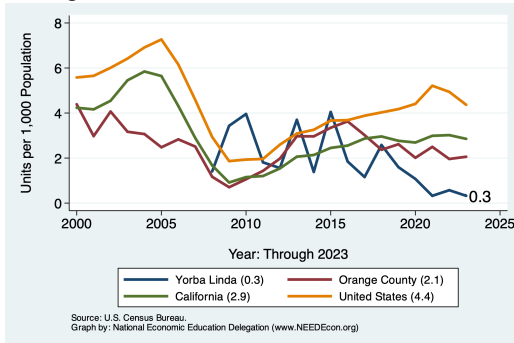
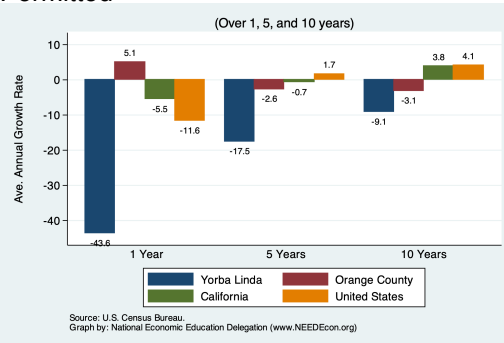


Figure 70: Average Annual Growth in Units Permitted



### Annual Number of Buildings Permitted - Per Capita in Yorba Linda

Figure 71: Units Permitted Each Year

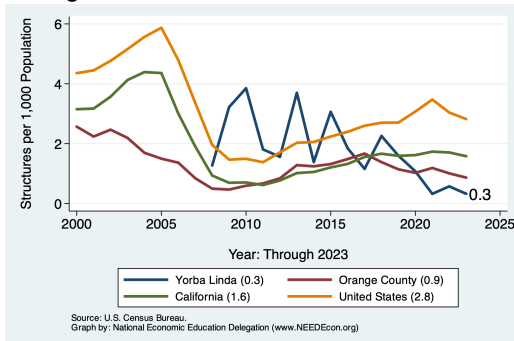
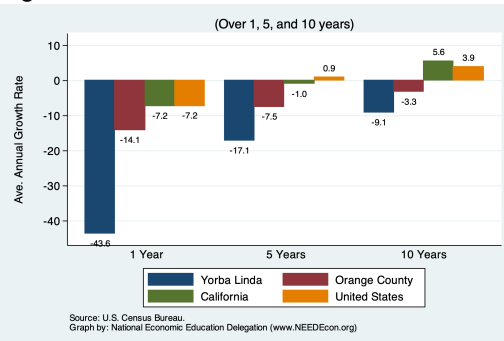


Figure 72: Average Annual Growth in Buildings Permitted



### Annual Value of Property Permitted - Per Capita in Yorba Linda

Figure 73: Value Permitted Each Year

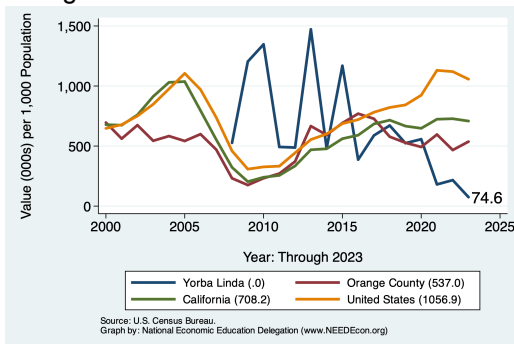
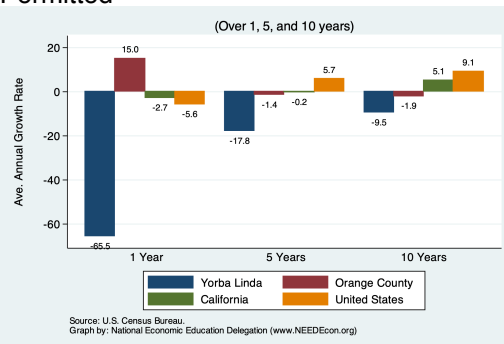


Figure 74: Average Annual Growth in Value Permitted



# 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

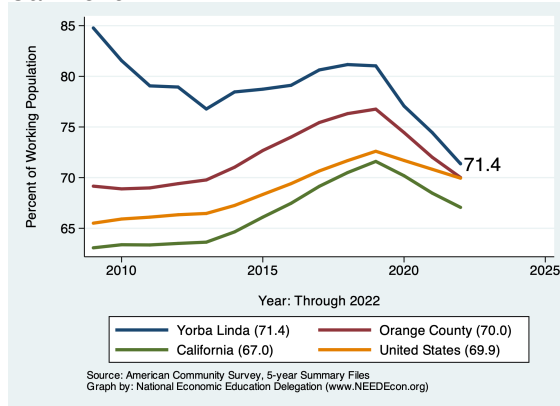


Figure 76: Percent of Workers Commuting by Carpool

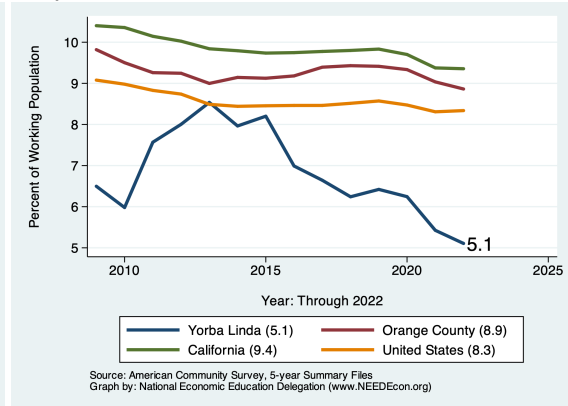


Figure 77: Percent of Workers using Public Transportation

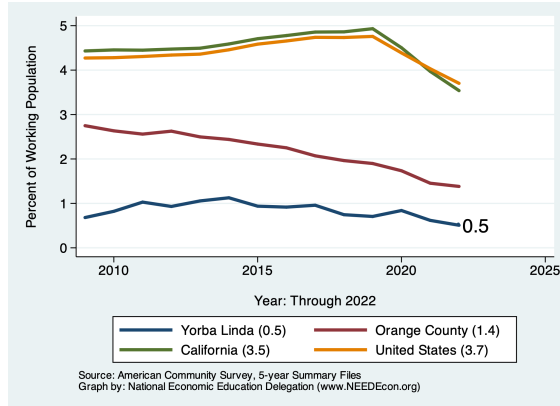
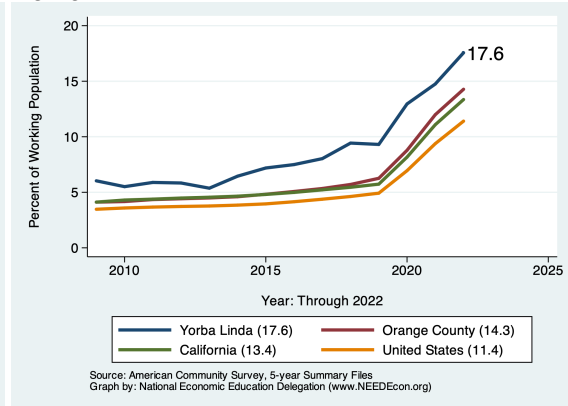


Figure 78: Percent of Workers Who Work From Home



The first table on this page presents data for those who LIVE in Yorba Linda. The second provides data on those who work, but do not necessarily live in Yorba Linda. 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:	14,014	77.4	11,116	73.7	25,130	76.5	78.0
Drove Alone	13,191	72.9	10,261	68.0	23,452	71.4	68.4
Carpooled:	823	4.5	855	5.7	1,678	5.1	9.5
In 2-person carpool	603	3.3	659	4.4	1,262	3.8	6.9
In 3-person carpool	120	0.7	129	0.9	249	0.8	1.5
In 4-or-more-person carpool	100	0.6	67	0.4	167	0.5	1.1
Public Transportation (excl Taxi):	136	0.8	31	0.2	167	0.5	3.6
Bus or Trolley Bus	51	0.3	17	0.1	68	0.2	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	85	0.5	14	0.1	99	0.3	0.3
Railroad	0	0.0	0	0.0	0	0.0	0.2
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	90	0.5	14	0.1	104	0.3	0.7
Walked	112	0.6	36	0.2	148	0.5	2.4
Taxicab, Motorcycle, or other	220	1.2	113	0.7	333	1.0	1.7
Worked at Home	2,770	15.3	3,001	19.9	5,771	17.6	13.6
<b>Total:</b>	17,342	95.8	14,311	94.9	31,653	96.3	

Source: 2022 5-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:	7,449	70.1	6,946	68.1	14,395	69.5	78.0
Drove Alone	6,756	63.6	6,361	62.4	13,117	63.3	68.5
Carpooled:	693	6.5	585	5.7	1,278	6.2	9.5
In 2-person carpool	485	4.6	433	4.2	918	4.4	6.9
In 3-person carpool	120	1.1	111	1.1	231	1.1	1.5
In 4-or-more-person carpool	88	0.8	41	0.4	129	0.6	1.1
Public Transportation (excl Taxi):	37	0.3	46	0.5	83	0.4	3.6
Bus or Trolley Bus	0	0.0	46	0.5	46	0.2	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	37	0.3	0	0.0	37	0.2	0.3
Railroad	0	0.0	0	0.0	0	0.0	0.2
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	123	1.2	0	0.0	123	0.6	0.7
Walked	82	0.8	46	0.5	128	0.6	2.4
Taxicab, Motorcycle, or other	143	1.3	74	0.7	217	1.0	1.7
Worked at Home	2,770	26.1	3,001	29.4	5,771	27.9	13.6
<b>Total:</b>	10,604	99.8	10,113	99.1	20,717	100.0	

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

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

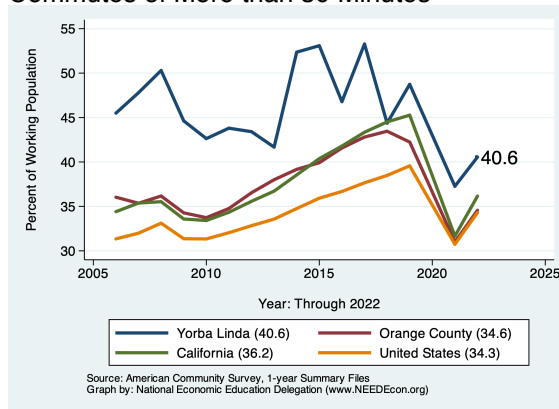
# Commute Times for Employed Residents

**Table 8. SEX OF WORKERS BY TRAVEL TIME TO WORK**

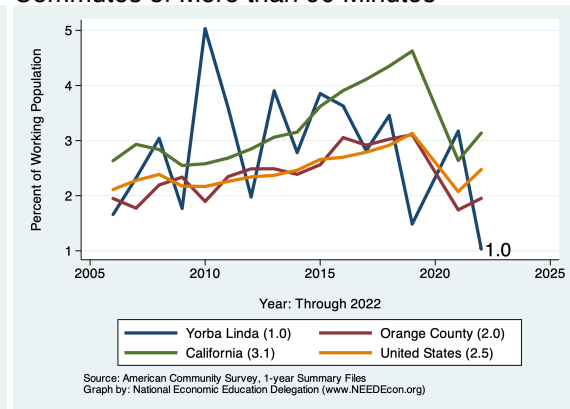
Mode of Transit	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Less than 5 minutes	35	0.2	226	1.4	261	0.8	2.1
5 to 9 minutes	563	3.0	387	2.4	950	2.7	7.8
10 to 14 minutes	881	4.7	1,496	9.3	2,377	6.9	12.4
15 to 19 minutes	1,511	8.1	1,024	6.4	2,535	7.3	15.4
20 to 24 minutes	1,465	7.9	1,257	7.8	2,722	7.9	14.8
25 to 29 minutes	1,027	5.5	745	4.6	1,772	5.1	6.4
30 to 34 minutes	2,468	13.3	1,723	10.7	4,191	12.1	15.2
35 to 39 minutes	658	3.5	606	3.8	1,264	3.6	2.9
40 to 44 minutes	1,740	9.4	580	3.6	2,320	6.7	4.1
45 to 59 minutes	1,950	10.5	733	4.6	2,683	7.7	8.2
60 to 89 minutes	1,881	10.1	1,355	8.4	3,236	9.3	7.2
90 or more minutes	254	1.4	104	0.6	358	1.0	3.6
<b>Total:</b>	<b>14,433</b>	<b>77.7</b>	<b>10,236</b>	<b>63.7</b>	<b>24,669</b>	<b>71.2</b>	

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

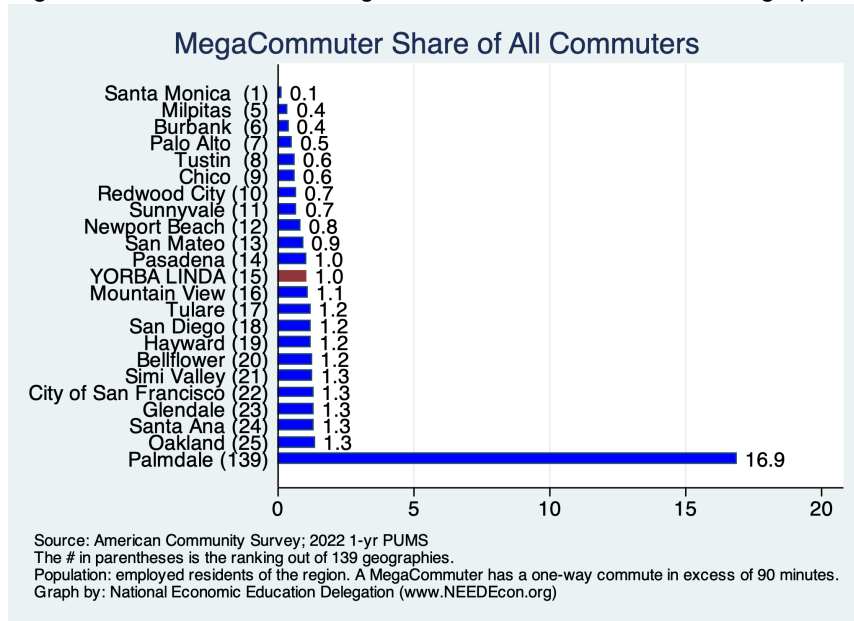
**Figure 79: Percent of Employed Population With Commutes of More than 30 Minutes**



**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	35	0.3	321	3.5	356	1.8	2.1
5 to 9 minutes	366	3.4	488	5.3	854	4.3	7.8
10 to 14 minutes	612	5.6	1,653	17.9	2,265	11.3	12.4
15 to 19 minutes	438	4.0	1,085	11.8	1,523	7.6	15.3
20 to 24 minutes	542	5.0	591	6.4	1,133	5.7	14.8
25 to 29 minutes	564	5.2	141	1.5	705	3.5	6.4
30 to 34 minutes	783	7.2	1,048	11.4	1,831	9.1	15.2
35 to 39 minutes	0	0.0	334	3.6	334	1.7	2.9
40 to 44 minutes	580	5.3	460	5.0	1,040	5.2	4.1
45 to 59 minutes	1,105	10.2	159	1.7	1,264	6.3	8.2
60 to 89 minutes	627	5.8	304	3.3	931	4.6	7.2
90 or more minutes	125	1.2	0	0.0	125	0.6	3.6
<b>Total:</b>	<b>5,777</b>	<b>53.2</b>	<b>6,584</b>	<b>71.4</b>	<b>12,361</b>	<b>61.7</b>	

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

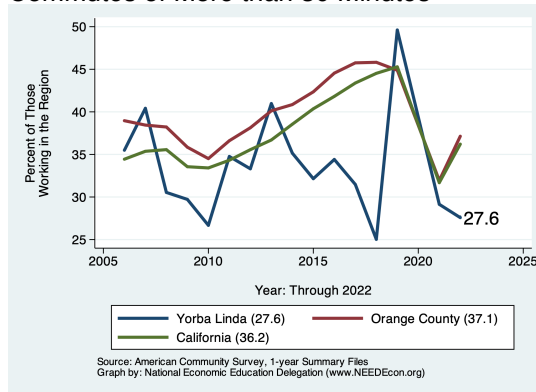


Figure 83: Percent of Local Employees With Commutes of More than 90 Minutes

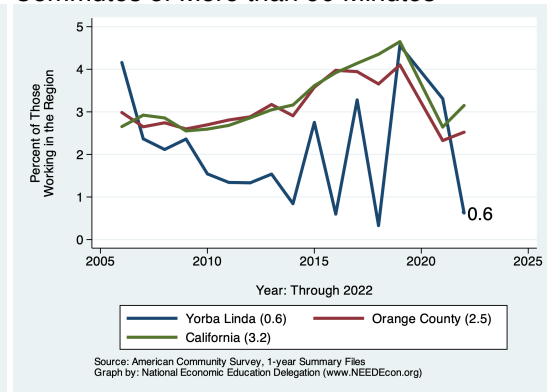
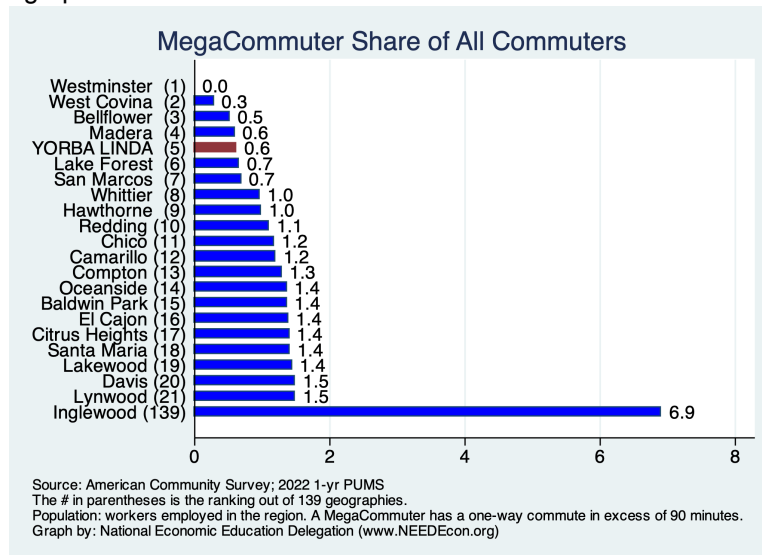


Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



## Place of Work

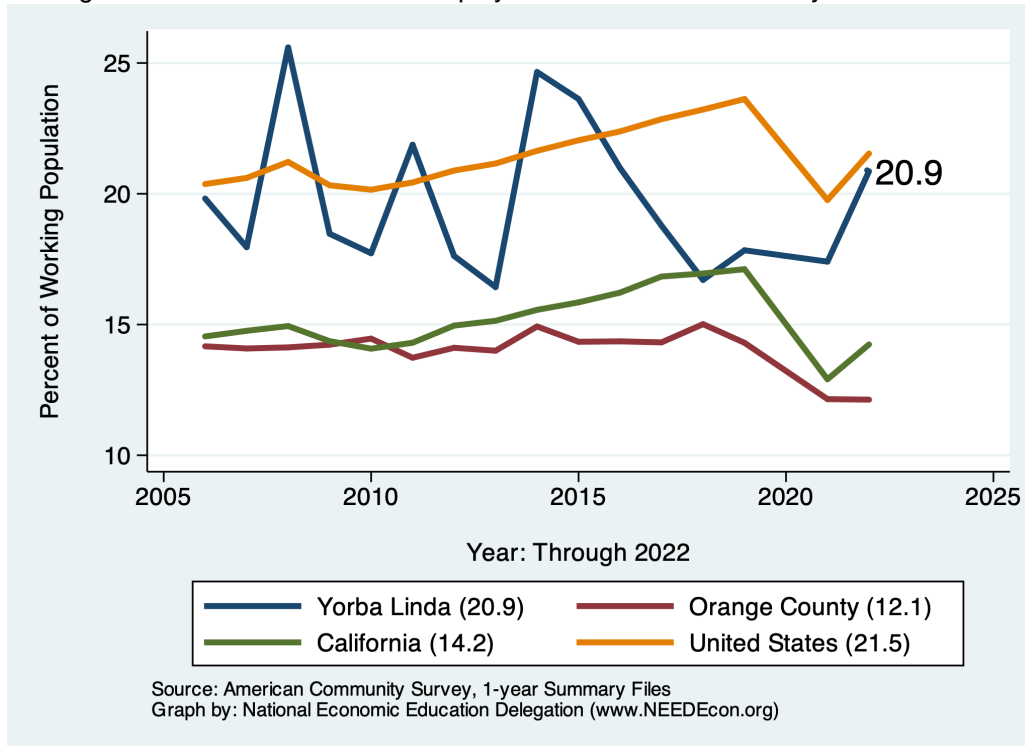
This section provides evidence on where workers living in Yorba Linda work. As evidenced in the first table, some of Yorba Linda's employed workers work in the City, but many do not. The first table and graph pair provide evidence at the county level while the second provide evidence with regard to working outside of the Yorba Linda 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:	17,549	86.0	13,902	80.8	31,451	83.6	99.6
Worked in county of residence	12,649	62.0	10,958	63.7	23,607	62.8	85.3
worked outside of county of residence	4,900	24.0	2,944	17.1	7,844	20.9	14.3
Worked outside state of residence	179	0.9	80	0.5	259	0.7	0.4
<b>Total:</b>	<b>17,728</b>	<b>86.9</b>	<b>13,982</b>	<b>81.2</b>	<b>31,710</b>	<b>84.3</b>	

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

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

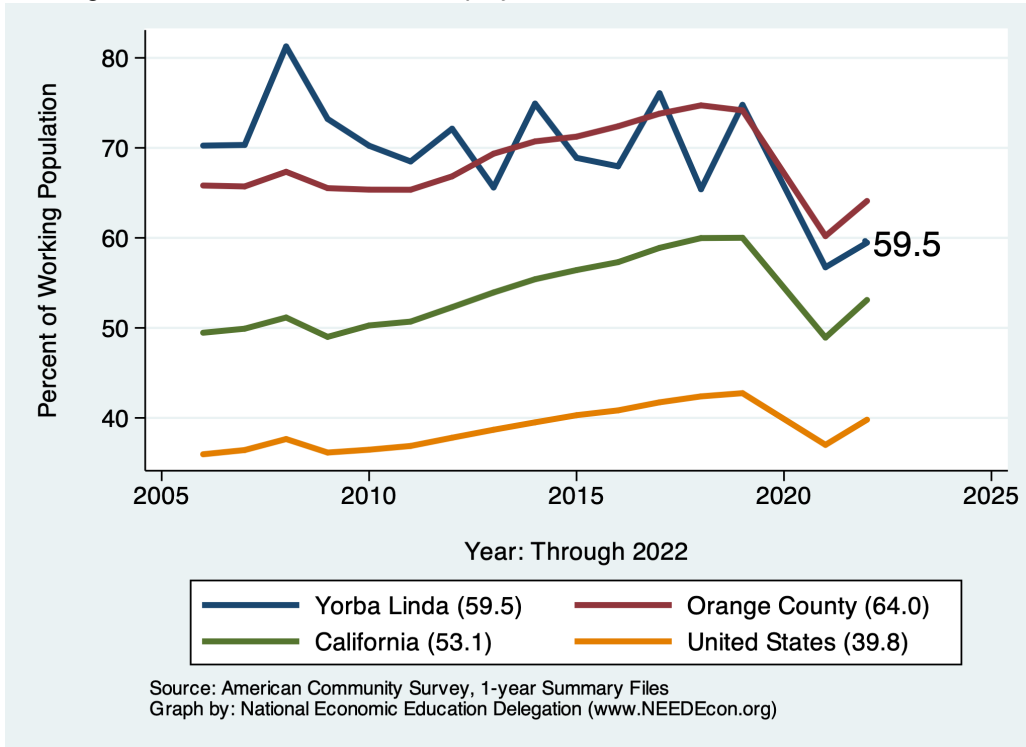


**Table 11. SEX OF WORKERS BY PLACE OF WORK-PLACE LEVEL**

Place of Work	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Living in a place:	17,728	86.9	13,982	81.2	31,710	84.3	95.8
Worked in place of residence	4,426	21.7	4,921	28.6	9,347	24.9	42.3
Worked outside place of residence	13,302	65.2	9,061	52.6	22,363	59.5	53.4
Not living in a place	0	0.0	0	0.0	0	0.0	4.2
<b>Total:</b>	17,728	86.9	13,982	81.2	31,710	84.3	

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	77,037	48,335	106.9	45,677	105.3
Car, truck, or van - carpooled	41,403	35,926	77.3	34,518	74.9
Public transportation (excluding taxicab)	29,675	34,625	57.5	41,443	44.7
Walked		30,552		27,247	
Taxicab, motorcycle, bicycle, or other means	16,429	40,631	27.1	36,218	28.3
Worked from home	64,738	79,738	54.5	69,180	58.4
<b>Total:</b>	74,268	49,818	149.1	46,365	160.2

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	4,890	60.7	5,289	52.2	11,752	75.0	23,452	71.4	68.4
Car, Truck, or Van: Carpooled	349	4.3	479	4.7	742	4.7	1,666	5.1	9.5
Public Transportation (excl Taxi)	14	0.2	14	0.1	128	0.8	167	0.5	3.6
Walked	46	0.6	63	0.6	20	0.1	148	0.5	2.4
Taxicab, Motorcycle, or other	163	2.0	199	2.0	75	0.5	437	1.3	2.4
Worked at Home	1,043	12.9	1,370	13.5	2,949	18.8	5,771	17.6	13.6
<b>Total:</b>	6,505	80.7	7,414	73.1	15,666		31,641	96.3	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	4,302	52.0	3,537	61.9	3,466	51.2	13,117	63.4	68.5
Car, Truck, or Van: Carpooled	554	6.7	318	5.6	275	4.1	1,266	6.1	9.5
Public Transportation (excl Taxi)	46	0.6	0	0.0	0	0.0	83	0.4	3.6
Walked	51	0.6	22	0.4	45	0.7	128	0.6	2.4
Taxicab, Motorcycle, or other	241	2.9	47	0.8	36	0.5	340	1.6	2.4
Worked at Home	1,043	12.6	1,370	24.0	2,949	43.6	5,771	27.9	13.6
<b>Total:</b>	6,237	75.3	5,294	92.6	6,771		20,705		

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	465	64.5	435	59.2	22,552	70.7	23,452	71.4	68.7
Car, Truck, or Van: Carpooled	6	0.8	36	4.9	1,636	5.1	1,678	5.1	9.5
Public Transportation (excl Taxi)	3	0.4	3	0.4	161	0.5	167	0.5	3.6
Walked	25	3.5	6	0.8	117	0.4	148	0.5	2.1
Taxicab, Motorcycle, or other	83	11.5	0	0.0	354	1.1	437	1.3	2.4
Worked at Home	130	18.0	110	15.0	5,531	17.3	5,771	17.6	13.6
<b>Total:</b>	712	98.8	590	80.3	30,351	95.1	31,653	96.3	

Source: 2022 5-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	528	37.7	366	29.2	12,223	63.5	13,117	63.3	68.7
Car, Truck, or Van: Carpooled	71	5.1	129	10.3	1,078	5.6	1,278	6.2	9.5
Public Transportation (excl Taxi)	0	0.0	26	2.1	57	0.3	83	0.4	3.6
Walked	25	1.8	6	0.5	97	0.5	128	0.6	2.1
Taxicab, Motorcycle, or other	82	5.9	0	0.0	258	1.3	340	1.6	2.4
Worked at Home	130	9.3	110	8.8	5,531	28.7	5,771	27.9	13.6
<b>Total:</b>	836	59.7	637	50.8	19,244		20,717		

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 Yorba Linda is a net recipient (migration inflows) or donor (migration outflows) of population is very im-

portant 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

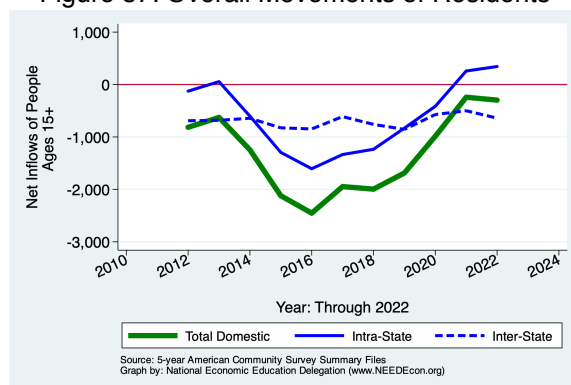


Table 17: Migration by Income

Category	Population	Net Inflows				
		All Migration	Same State		Across States	From Abroad
			W/in County	Between Counties		
No income	7,887	-12	-104	-70	-93	255
With income	47,458	258	207	311	-548	288
\$1 to \$9,999 or less	5,915	-204	-82	-50	-125	53
\$10,000 to \$14,999	2,875	119	118	-31	32	0
\$15,000 to \$24,999	4,171	66	-45	-43	37	117
\$25,000 to \$34,999	3,449	-109	-85	12	-48	12
\$35,000 to \$49,999	4,307	65	85	-10	-36	26
\$50,000 to \$64,999	4,452	31	-16	97	-50	0
\$65,000 to \$74,999	2,198	-26	12	33	-71	0
\$75,000 or more	20,091	316	220	303	-287	80
<b>All:</b>	<b>55,345</b>	<b>246</b>	<b>103</b>	<b>241</b>	<b>-641</b>	<b>543</b>

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

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

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

Figure 88: Overall Movements of Low Income Residents

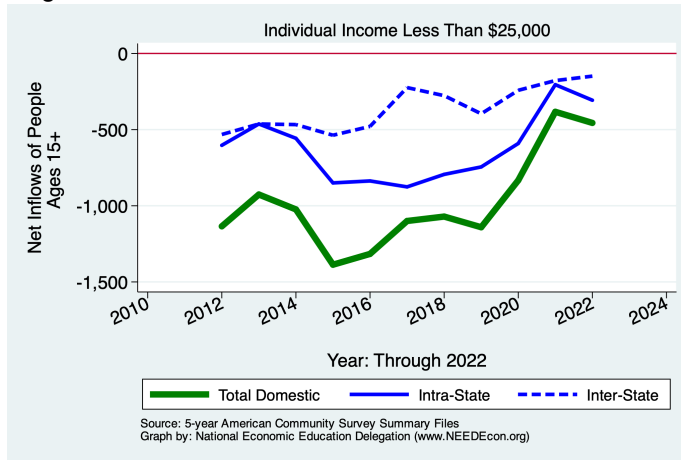


Figure 89: Overall Movements of Middle Income Residents

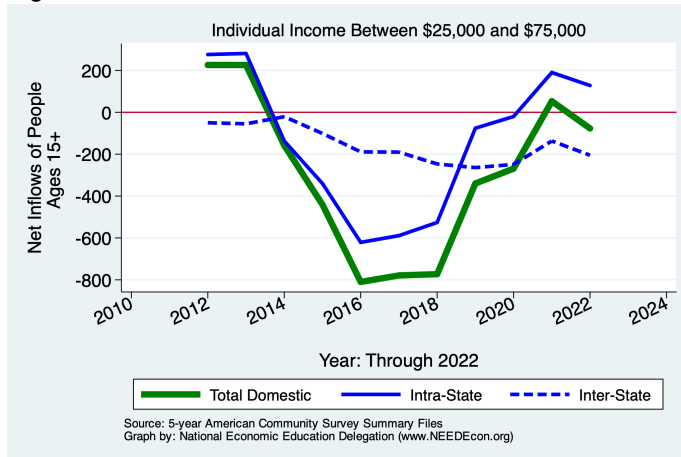
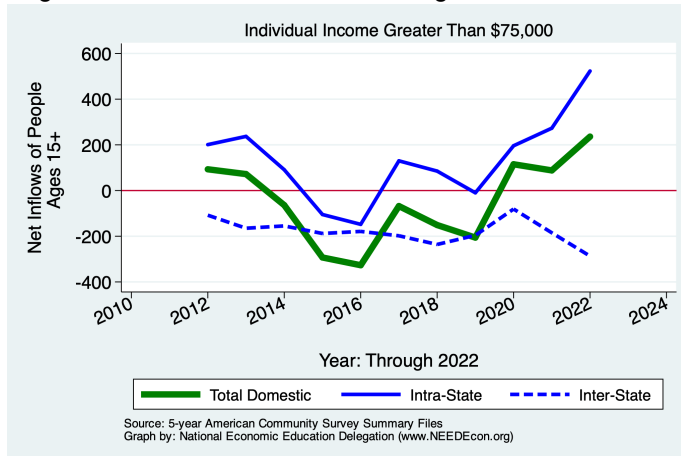


Figure 90: Overall Movements of High Income Residents



## Demographics of Migration Flows

**Table 18: Migration by Marital Status**

Category	Population	Net Inflows				
		All Migration	Same State		Across States	From Abroad
			W/in County	Between Counties		
Never married	13,546	-714	-433	-167	-234	120
Now married, except separated	34,641	768	376	384	-314	322
Divorced	3,966	-15	2	12	-90	61
Separated	363	57	61	-5	1	0
Widowed	2,829	150	97	17	-4	40
<b>Total:</b>	55,345	246	103	241	-641	543

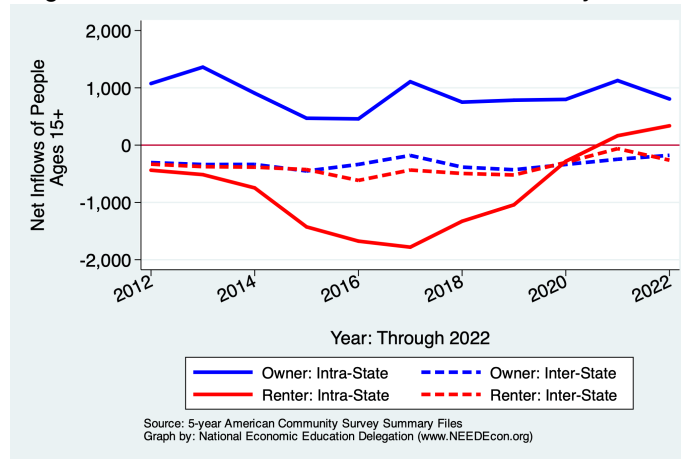
Source: 2022 5-year American Community Survey, Summary File

**Table 19: Migration by Tenure**

Category	Population	Net Inflows				
		All Migration	Same State		Across States	From Abroad
			W/in County	Between Counties		
Householder lived in owner-occupied housing units	57,072	1,249	138	217	74	820
Householder lived in renter-occupied housing units	8,449	665	822	114	-638	367
<b>Total:</b>	65,521	1,914	960	331	-564	1,187

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			From Abroad
			W/in County	Between Counties	Across States	
1 to 4 years	2,888	124	123	57	-56	0
5 to 17 years	12,057	562	234	210	19	99
18 and 19 years	1,489	-329	-101	-73	-167	12
20 to 24 years	3,099	-556	-268	-210	-78	0
25 to 29 years	3,554	-94	-187	138	-45	0
30 to 34 years	2,927	163	301	-72	-101	35
35 to 39 years	4,009	315	36	142	-16	153
40 to 44 years	4,001	302	139	71	0	92
45 to 49 years	5,525	173	3	149	15	6
50 to 54 years	4,811	20	5	37	-64	42
55 to 59 years	4,911	-135	60	-89	-117	11
60 to 64 years	5,065	-109	-54	22	-94	17
65 to 69 years	3,953	210	154	54	-7	9
70 to 74 years	3,780	119	-30	27	38	84
75 years and over	5,447	172	81	50	14	27
<b>Total Population:</b>	67,516	937	496	513	-659	587

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

**Table 21: Migration by Educational Attainment**

Category	Population	Net Inflows				
		All Migration	Same State			From Abroad
			W/in County	Between Counties	Across States	
Less than high school graduate	1,928	66	90	41	-134	69
High school graduate (includes equiv)	5,747	173	35	63	3	72
Some college or assoc. degree	13,821	175	-2	167	-51	61
Bachelor's degree	16,304	290	130	57	-67	170
Graduate or professional degree	10,183	432	255	201	-128	104
<b>Total:</b>	47,983	1,136	508	529	-377	476

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	59,028	59,028
Moved Within Same County	76,317	64,147
Moved to Different County, Same State	67,270	36,457
Moved Between States	11,973	74,094
Moved from Abroad	22,479	
<b>Total Population:</b>	60,216	59,838

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	49.6	49.6
Moved Within Same County	41.6	31.2
Moved to Different County, Same State	36.3	28.9
Moved Between States	48.8	30.5
Moved from Abroad	41.7	
<b>Total Population:</b>	48.8	47.2

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/>

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/>