

Temecula, California

Indicators Report

by
The National Economic Education Delegation (NEED)

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

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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 Temecula (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 Temecula. These indicators are compared to Riverside 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 Temecula 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 Temecula 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 Temecula, 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 Temecula, but do not necessarily live in Temecula.
- **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 Temecula's population are fundamental indicators of the city's growth potential.

A Demographic Snapshot

Statistic	2022	2019
POPULATION		
Population Estimate (#, 5yr)	110,114.0	113,381.0
Veterans (#, 5yr)	7,390.0	8,769.0
Foreign born persons (% , 5yr)	16.9	15.8
Population age 25+ (#, 5yr)	71,184.0	71,124.0
AGE AND SEX		
Persons under 5 years (% , 5yr)	6.6	6.8
Persons under 18 years (% , 5yr)	27.8	28.9
Persons 65 years and over (% , 5yr)	11.7	10.1
Female persons (% , 5yr)	50.6	50.7
INCOME AND POVERTY		
Median household income (\$, 5yr)	111,881.0	96,183.0
Per capita income in past 12 months (\$, 5yr)	42,562.0	35,394.0
Persons in poverty (% , 5yr)	7.8	6.8
Children age less than 18 in poverty (#, 5yr)	2,920.0	2,652.0
Children age less than 18 in poverty (% , 5yr)	9.7	8.2
RACE AND ETHNICITY		
White alone (% , 5yr)	60.7	68.0
African American alone (% , 5yr)	3.9	4.6
American Indian or Alaska Native alone (% , 5yr)	0.6	0.6
Asian alone (% , 5yr)	11.3	9.2
Native Hawaiian and Other Pacific Islander alone (% , 5yr)	0.4	0.6
Two or More Races (% , 5yr)	14.0	7.2
Hispanic or Latino (% , 5yr)	28.6	29.7
White alone, not Hispanic or Latino (% , 5yr)	50.1	51.9
HOUSING		
Housing units (#, 5yr)	36,514.0	35,739.0
Owner-occupied housing units (% , 5yr)	68.3	64.9
Median value of owner-occupied housing units (\$, 5yr)	604,300.0	444,800.0
Median selected monthly owner costs-with a mortgage (\$, 5yr)	2,749.0	2,352.0
Median selected monthly owner costs-without a mortgage (\$, 5yr)	744.0	643.0
Median gross rent (\$, 5yr)	2,222.0	1,856.0
FAMILIES AND LIVING ARRANGEMENTS		
Households (#, 5yr)	35,012.0	33,947.0
Persons per household (#, 5yr)	3.1	3.3
Living in same house 1 year ago, % of persons age 1+ (5yr)	84.5	82.5
EDUCATION		
High school graduate or higher, % of persons age 25+ (5yr)	93.4	92.9
Bachelor's degree or higher, % of persons age 25+ (5yr)	38.1	34.0
HEALTH		
With a disability, under age 65 years (#, 5yr)	6,656.0	6,233.0
Persons without health insurance, under age 65 years (% , 5yr)	6.3	6.2
LABOR FORCE		
In civilian labor force, persons age 16+ (% , 5yr)	65.0	66.7
In civilian labor force, women age 16+ (% , 5yr)	56.7	57.1
Employed, persons age 16+ (% , 5yr)	57.8	60.2
Self employed (% , 5yr)	11.0	10.2
TRANSPORTATION		
Mean travel time to work, workers age 16+ (Mins., 5yr)	32.2	33.7
Drive alone in private vehicle (% , 5yr)	76.0	79.7
Using public transportation (% , 5yr)	0.1	0.2
Worked from home (% , 5yr)	14.9	7.8

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
City				
Temecula	108,899	-0.52	-3.21	-3.84
County and Broader Regions				
Riverside County	2,439,234	0.34	-0.06	1.11
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
Riverside County	2,431.0	2,439.2	0.34	-0.41	-0.35
Riverside	314.8	313.7	-0.36		
Moreno Valley	208.3	208.3	-0.01		
Corona	157.1	157.0	-0.09		
Menifee	107.4	110.0	2.44		
Murrieta	110.6	110.0	-0.54		
Temecula	109.5	108.9	-0.52		
Jurupa Valley	105.2	105.0	-0.16		
Indio	89.8	90.8	1.17		
Hemet	89.2	89.9	0.84		
Perris	78.5	78.9	0.60		
Lake Elsinore	72.0	72.0	-0.02		
Eastvale	70.0	69.5	-0.66		
Beaumont	54.3	56.6	4.12		
San Jacinto	54.3	54.1	-0.37		
Cathedral City	51.6	51.4	-0.36		
Palm Desert	50.6	50.6	-0.02		
Palm Springs	44.2	44.1	-0.17		
Coachella	41.9	42.5	1.26		
La Quinta	37.6	38.0	1.11		
Wildomar	36.4	36.3	-0.28		
Desert Hot Springs	32.4	32.6	0.68		
Banning	30.9	31.2	1.28		
Norco	25.0	25.0	0.01		
Blythe	17.4	17.3	-0.87		
Rancho Mirage	16.9	17.0	0.94		
Calimesa	10.9	11.0	0.11		
Canyon Lake	11.0	10.9	-0.49		
Indian Wells	4.8	4.8	-0.23		

Source: CA DOF; Calculations by National Economic Education Delegation

Figure 1: Population Growth (1)

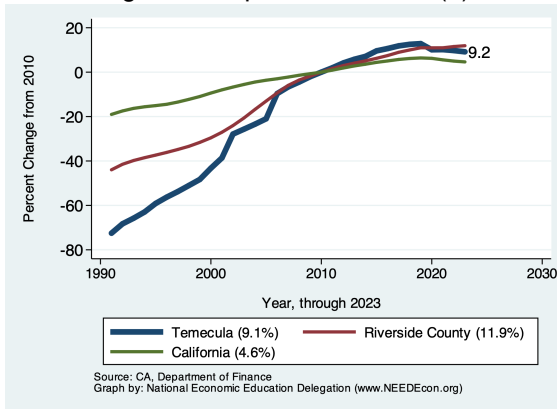


Figure 2: Population Growth (2)

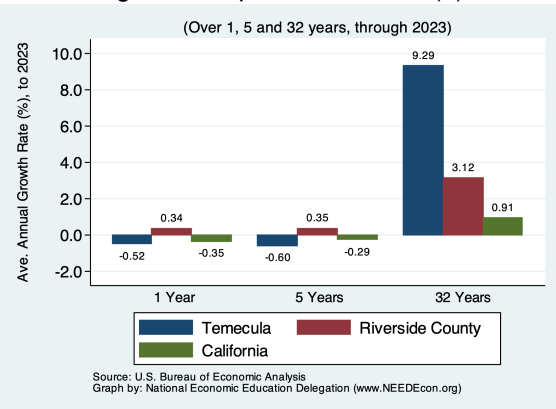


Figure 3: Population by Age - Detailed Age Categories

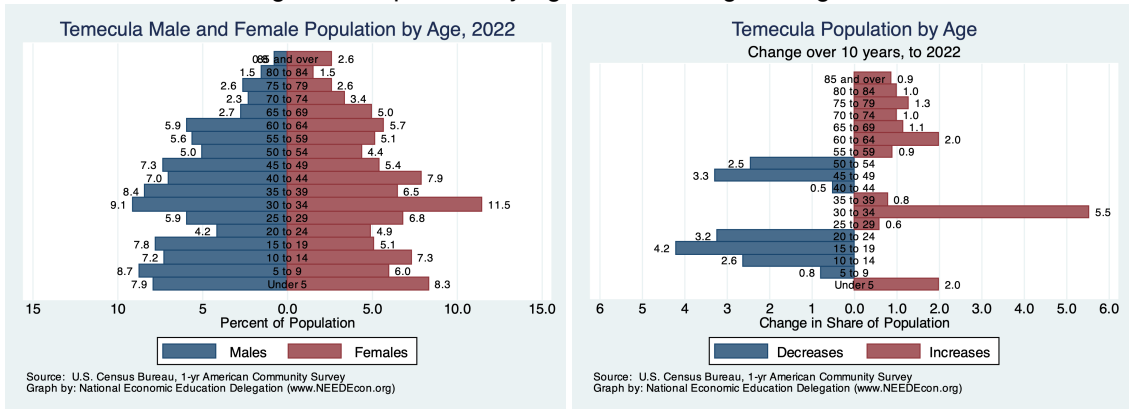


Figure 4: Population by Age - Broad Age Categories

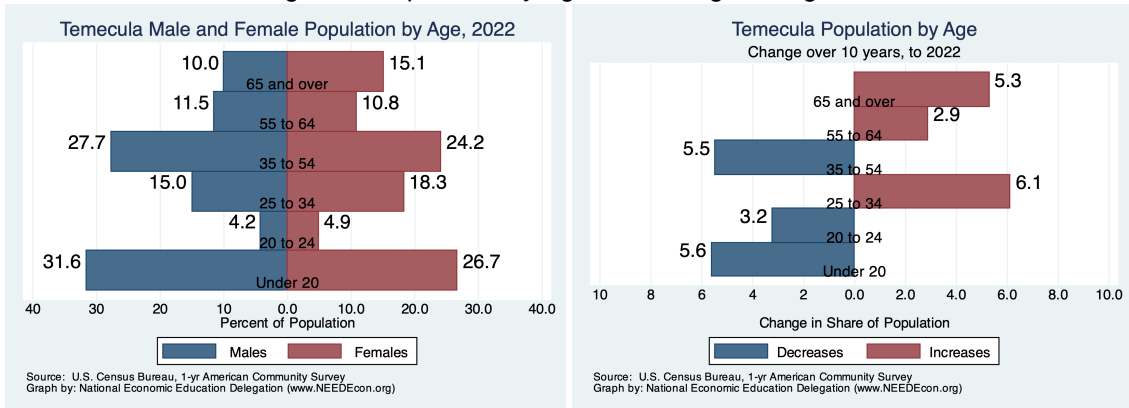


Figure 5: Population by Educational Attainment

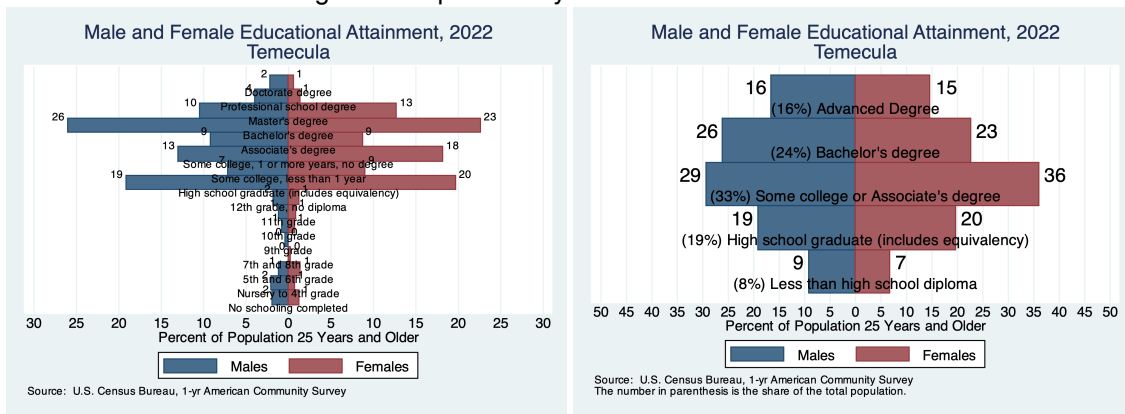


Figure 6: Population by Race/Ethnicity

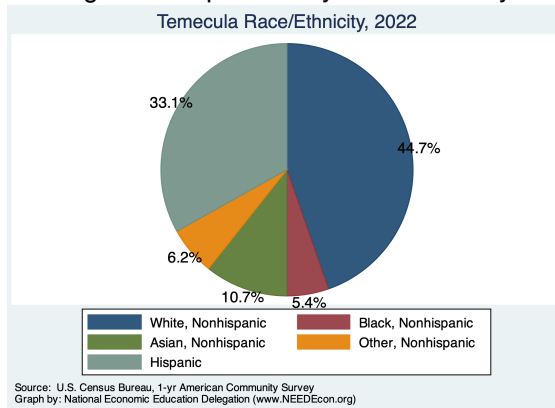
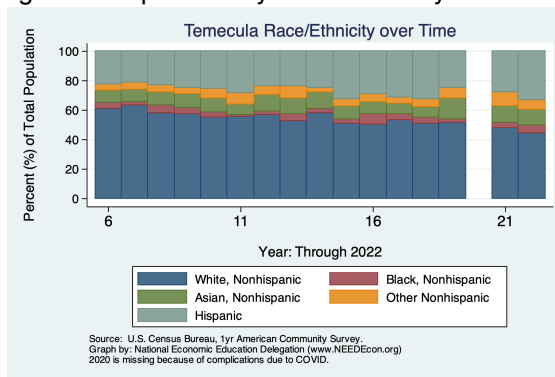


Figure 7: Population by Race/Ethnicity Over Time



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?

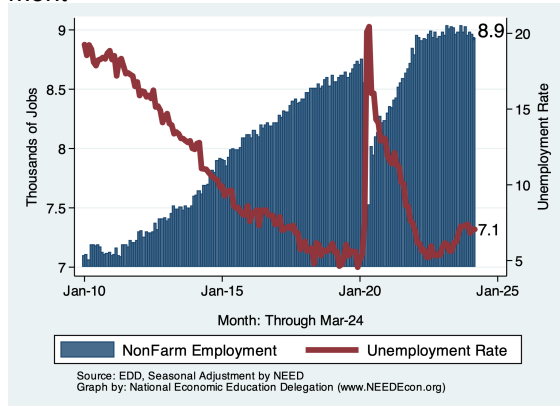
Employment growth is a fundamental indicator of the health of an economy.

Table 3. Temecula 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

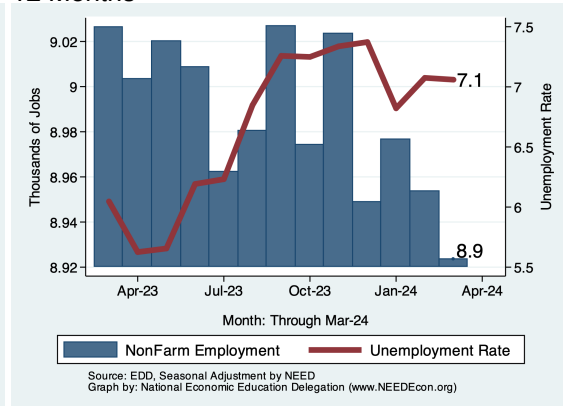
Source: EDD, National Economic Education Delegation

Figure 8: Historical Employment and Unemployment - Last 12 Months



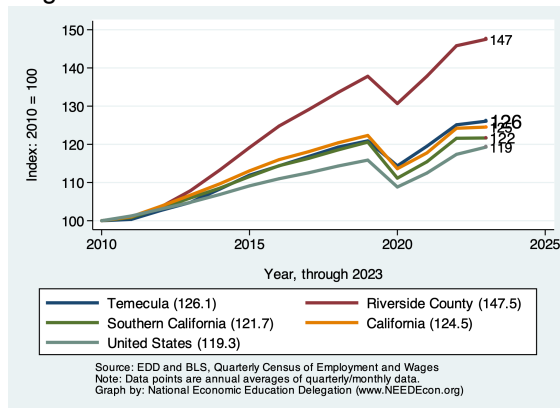
Source: EDD, Seasonal Adjustment by NEED
Graph by: National Economic Education Delegation (www.NEEDecon.org)

Figure 9: Employment and Unemployment - Last 12 Months



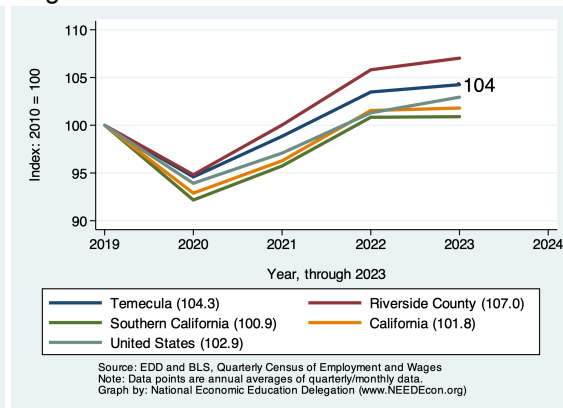
Source: EDD, Seasonal Adjustment by NEED
Graph by: National Economic Education Delegation (www.NEEDecon.org)

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)

MSA 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 the Riverside-San Bernardino-Ontario MSA. The following table provides the latest data for the MSA.

Table 4. Employment Growth by Industry in the Riverside-San Bernardino-Ontario MSA for March, 2024

Industry	Employment	Share	Empl Growth	% Growth - Annualized Rate					
				Month	Qtr	6mo	1yr	3yr	5yr
Total Nonfarm	1,694,223	100.0	5,971.1	4.3	0.5	0.8	1.6	3.3	2.1
Total Private	1,425,885	84.2	3,363.1	2.9	0.2	0.6	1.0	3.1	2.4
Goods Producing	216,611	12.8	948.2	5.4	-5.6	-0.1	1.2	1.6	0.9
Mining, Logging and Construction	120,753	7.1	1,778.6	19.5	-2.3	3.7	5.6	2.8	2.7
Mining and Logging	1,600	0.1	0.0	0.0	0.0	0.0	14.3	7.7	6.7
Construction	118,854	7.0	1,464.0	16.0	-3.4	3.5	5.7	2.9	2.6
Manufacturing	96,076	5.7	-620.1	-7.4	-9.0	-4.3	-3.8	0.2	-1.0
Durable Goods	58,679	3.5	-417.3	-8.2	-7.6	-4.2	-3.8	-0.8	-2.2
Non-Durable Goods	37,446	2.2	-154.4	-4.8	-9.8	-3.9	-3.9	1.9	1.4
Service Providing	1,477,534	87.2	5,264.7	4.4	1.4	1.0	1.6	3.6	2.3
Trade, Trans & Utilities	452,210	26.7	1,888.6	5.2	2.5	-1.1	-1.3	0.9	3.3
Wholesale Trade	67,659	4.0	-155.0	-2.7	-3.2	-2.3	-2.0	0.5	0.1
Retail Trade	180,685	10.7	416.7	2.8	-3.1	-2.4	-1.4	0.9	-0.1
Trans & Warehousing	197,024	11.6	662.2	4.1	3.8	-0.7	-1.0	1.1	9.6
Utilities	5,718	0.3	-49.7	-9.9	6.1	3.0	3.6	4.7	4.3
Information	13,125	0.8	-47.7	-4.3	-3.7	-2.7	-1.5	2.5	-1.3
Financial Activities	44,464	2.6	-86.6	-2.3	-2.2	-1.3	-1.4	-0.2	-0.1
Finance & Insurance	21,985	1.3	-20.5	-1.1	-2.2	-2.7	-1.8	-3.5	-2.2
Real Estate & Rental & Leasing	22,538	1.3	-36.2	-1.9	-0.4	0.6	-0.9	3.9	2.5
Professional & Business Svcs	166,274	9.8	1,764.0	13.7	0.5	3.2	-0.5	0.7	1.9
Prof, Sci, & Tech	46,211	2.7	201.6	5.4	1.8	0.5	-0.1	3.5	2.5
Admin & Support Svcs	106,331	6.3	1,990.8	25.5	-1.6	5.0	-1.0	-0.6	1.6
Employment Svcs	49,934	2.9	1,065.4	29.5	4.6	7.0	-3.0	-2.4	3.3
Educational & Health Svcs	301,992	17.8	2,216.0	9.2	7.6	6.3	8.0	6.5	4.4
Education Svcs	22,176	1.3	163.7	9.3	1.9	3.7	5.7	9.9	2.6
Health Care & Social Assistance	279,860	16.5	1,961.8	8.8	8.4	6.5	8.2	6.3	4.6
Leisure & Hospitality	182,103	10.7	-703.3	-4.5	-4.5	-4.9	-2.6	8.2	0.7
Arts, Entertainment & Recreation	20,665	1.2	64.7	3.8	-1.9	-10.2	-3.2	14.6	-0.0
Accommodation & Food Svcs	161,299	9.5	-746.8	-5.4	-5.1	-4.5	-2.4	7.5	0.8
Other Svcs	49,608	2.9	174.0	4.3	-3.6	0.2	1.4	6.3	1.5
Government	270,223	15.9	911.3	4.1	4.5	5.1	4.9	4.7	0.7
Federal	21,813	1.3	94.6	5.4	4.0	3.9	3.8	1.0	0.8
State	28,999	1.7	-1.0	-0.0	2.5	1.2	1.9	-2.1	-1.2
Local	219,293	12.9	791.9	4.4	4.8	5.6	5.4	6.2	1.0
County	31,724	1.9	-72.5	-2.7	3.4	1.8	0.3	-3.0	-1.6
City	17,509	1.0	52.9	3.7	6.7	8.4	8.1	8.4	2.9
Local Government Education	134,406	7.9	641.5	5.9	5.6	6.9	7.0	8.4	1.2

Source: EDD, National Economic Education Delegation (NEED)

Some Employee Detail

Employed in Temecula

Figure 12: Employment by Occupation

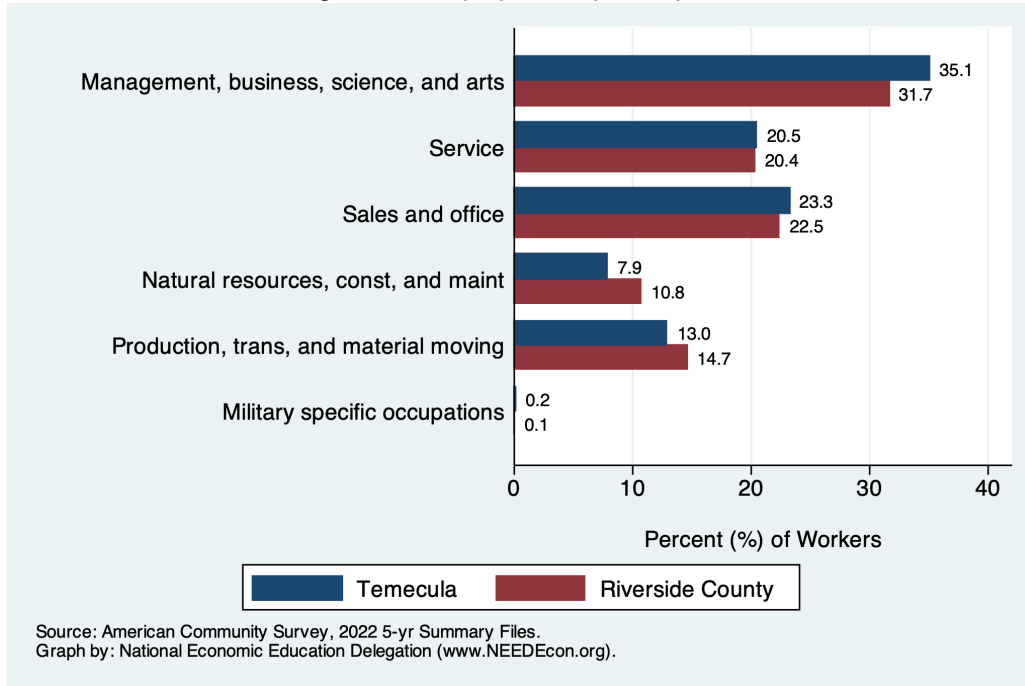


Figure 13: Employment by Industry

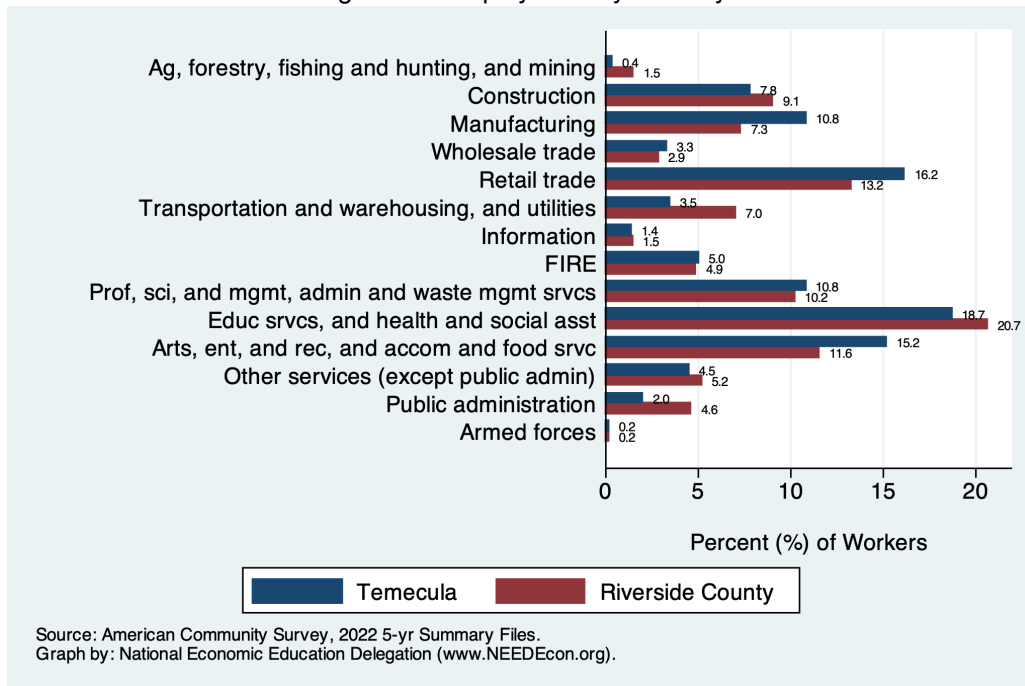


Figure 14: Language Spoken at Home

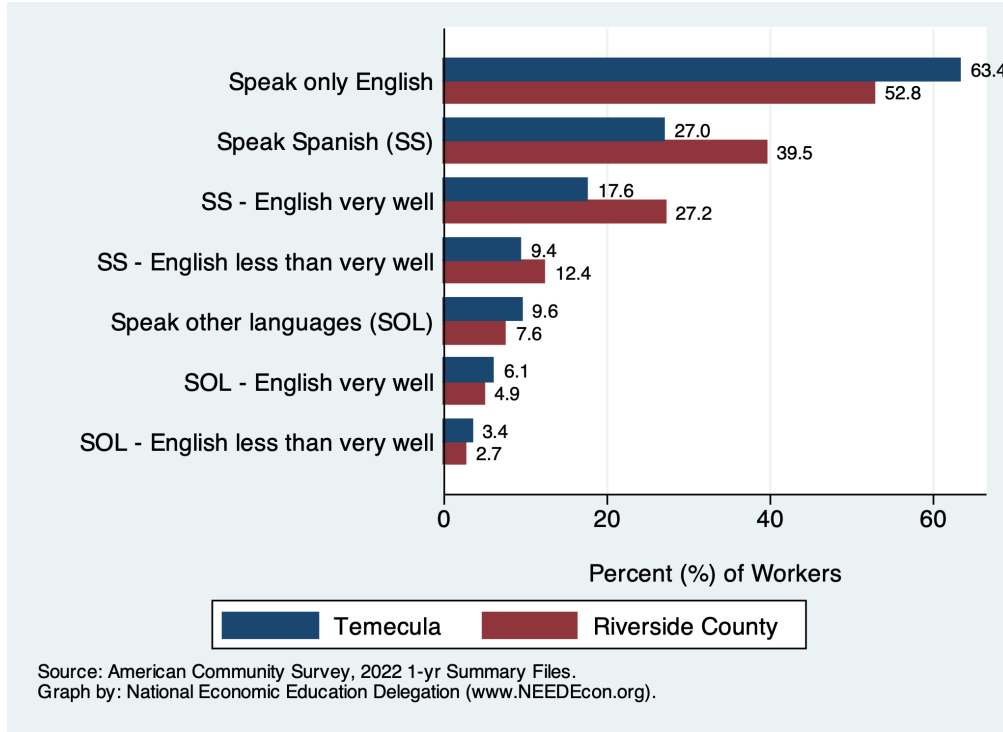
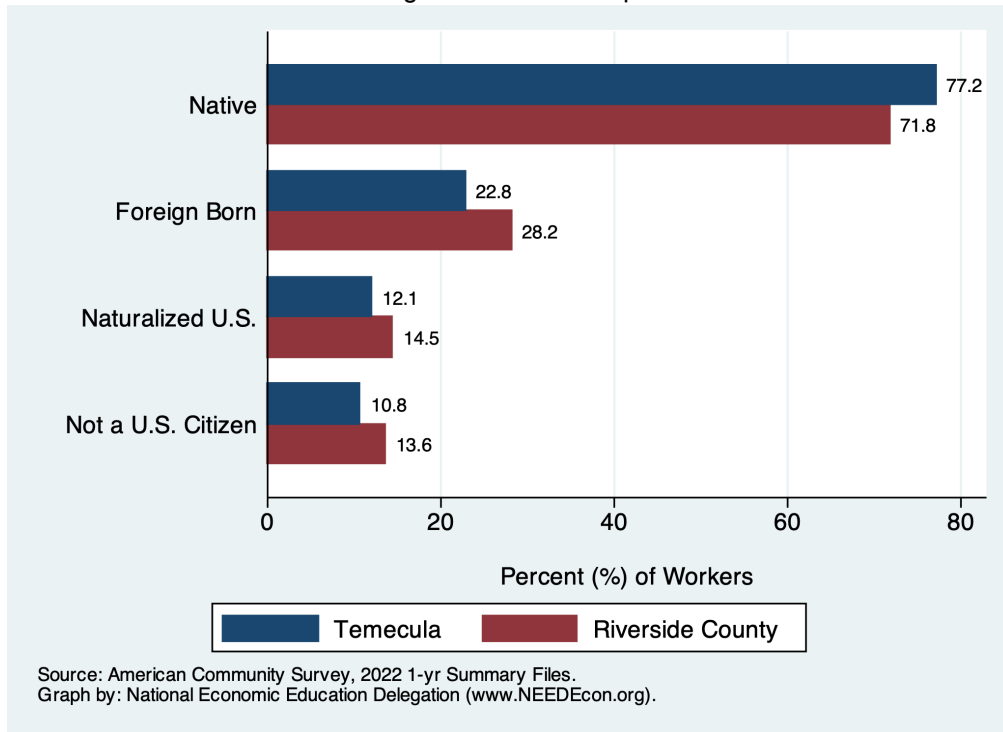


Figure 15: Citizenship



Employed Residents of Temecula

Figure 16: Employment by Occupation

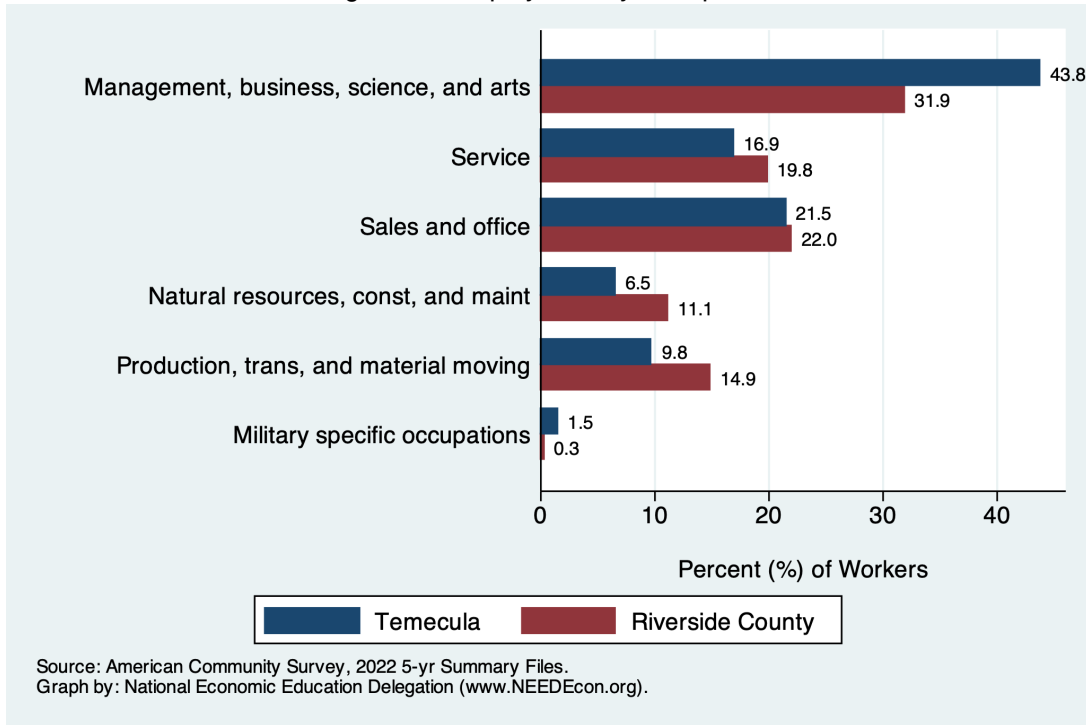


Figure 17: Employment by Industry

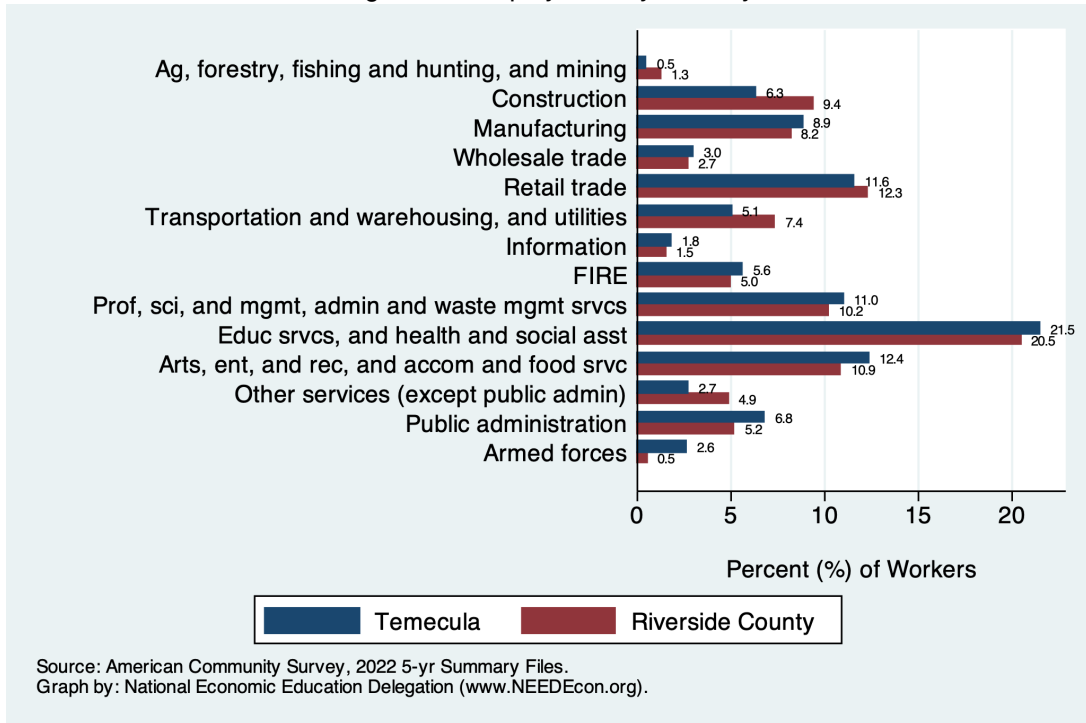
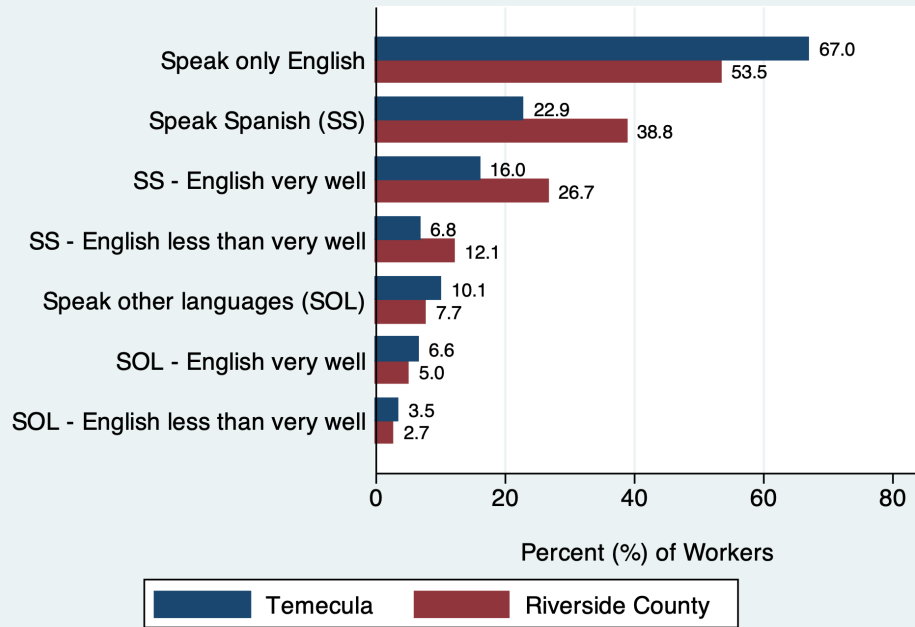
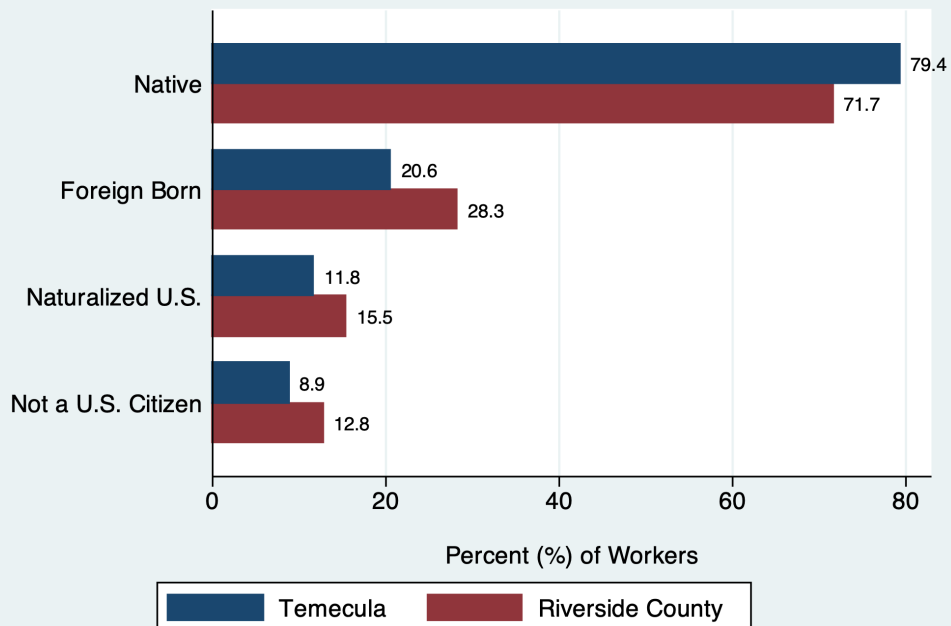


Figure 18: Language Spoken at Home



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

Figure 19: Citizenship



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

Employed Residents vs Workers in Temecula

Figure 20: Employment by Occupation

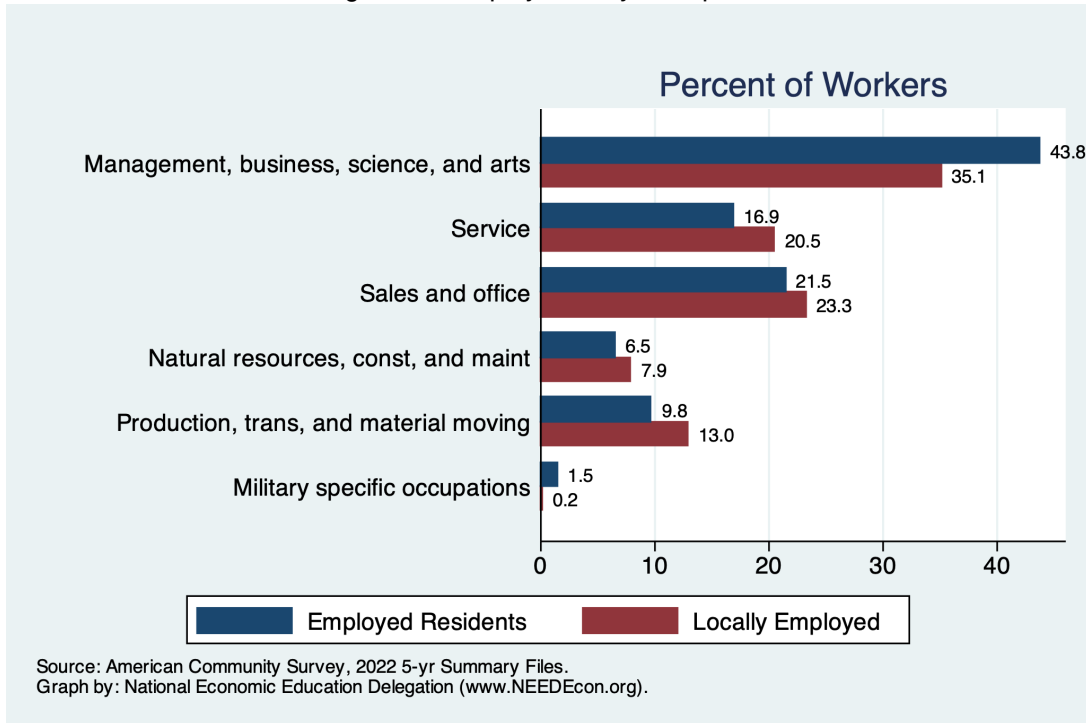


Figure 21: Employment by Industry

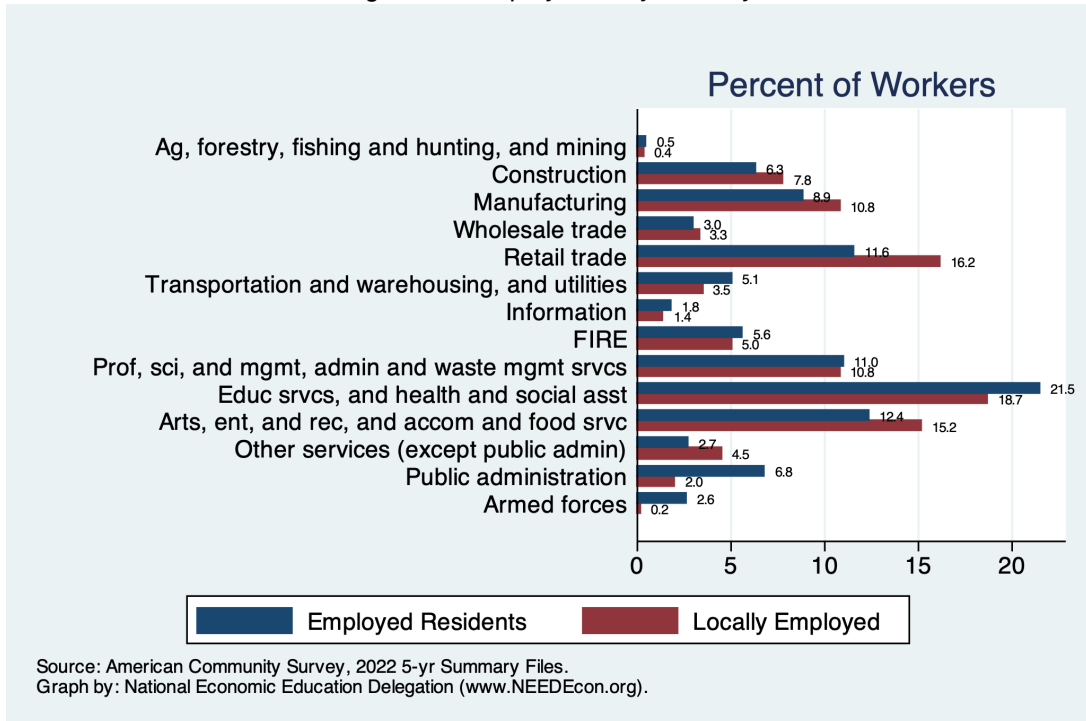


Figure 22: Language Spoken at Home

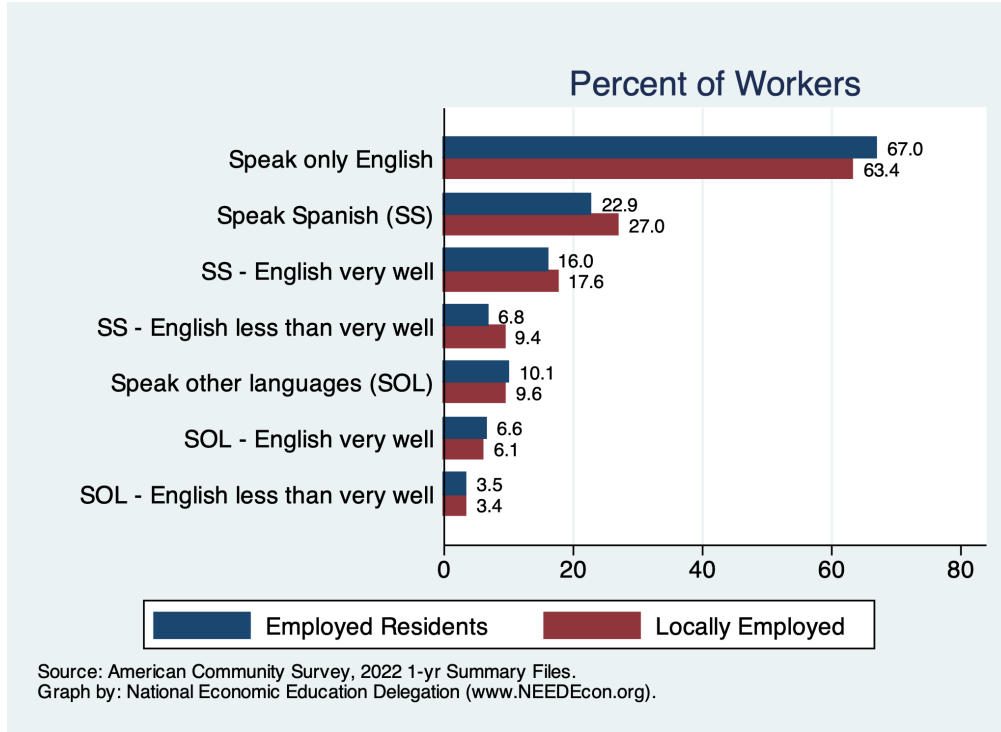
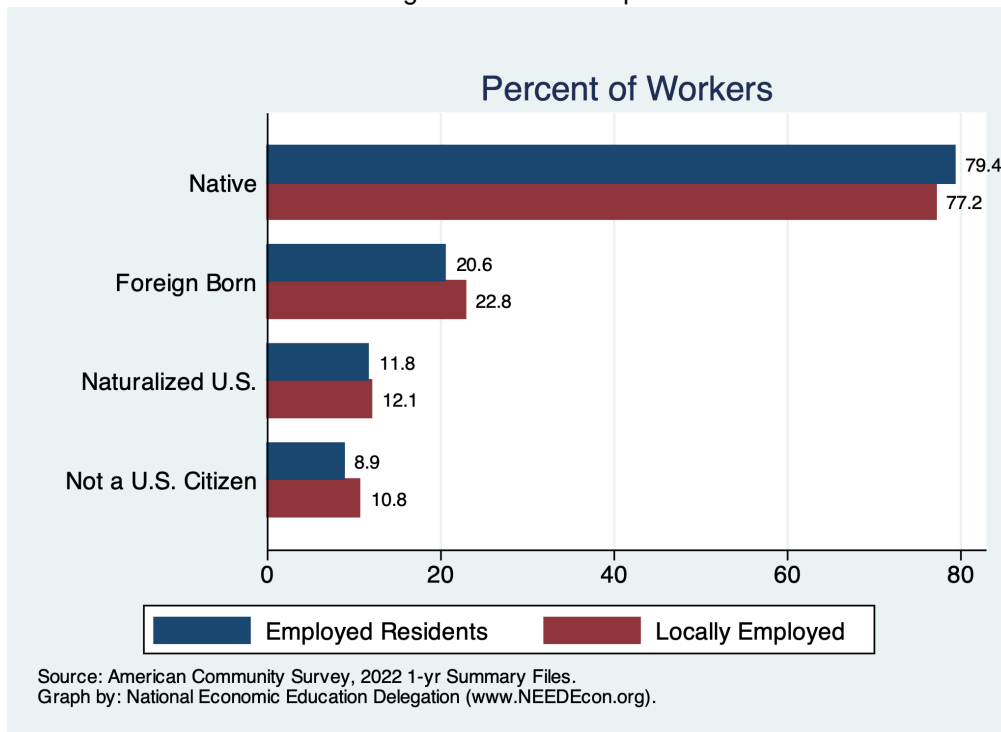


Figure 23: Citizenship



Income and Earnings

Per Capita Income Growth

Definition:

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

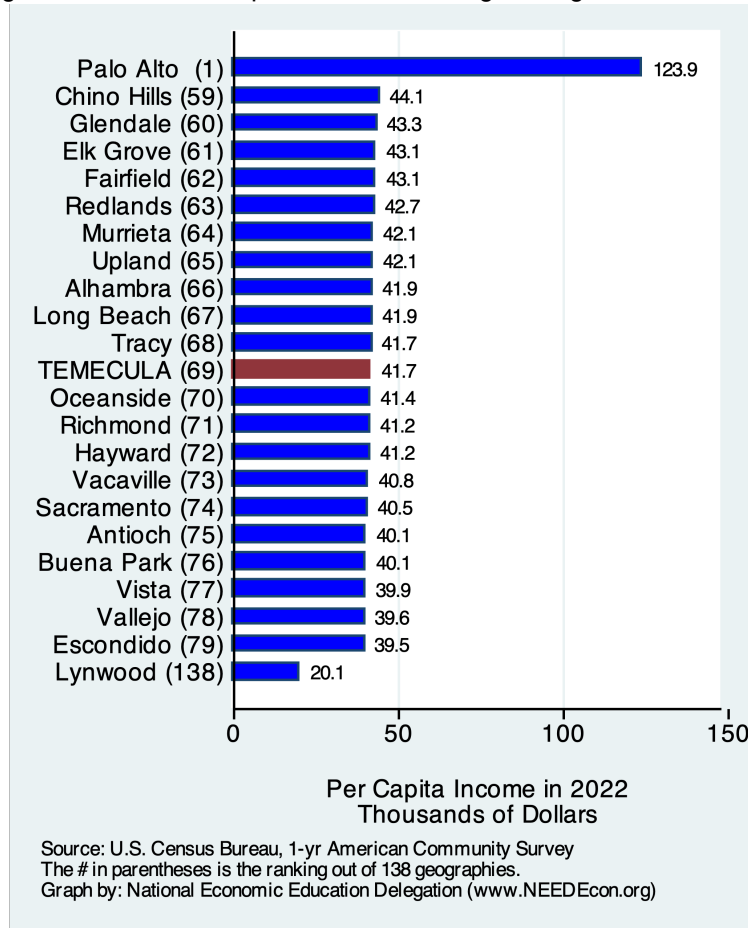
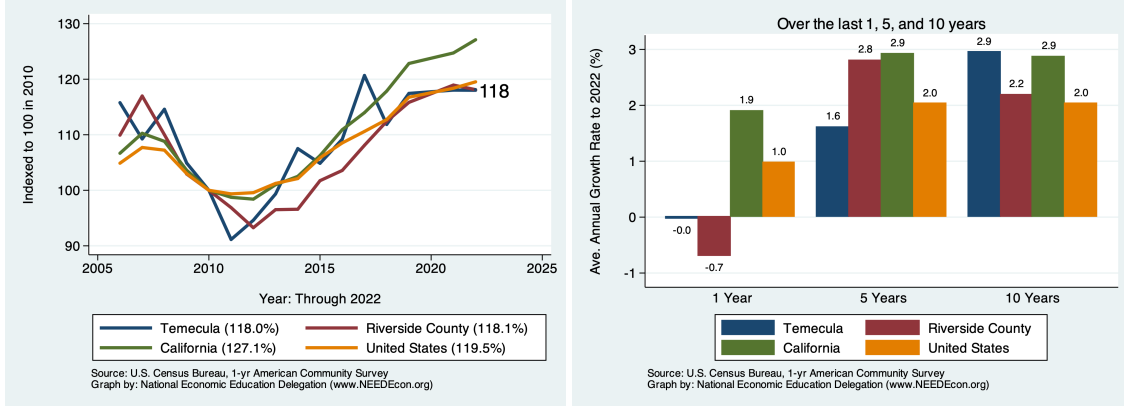


Figure 25: Regional Comparison of Growth over Time



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

Figure 26: Income Levels

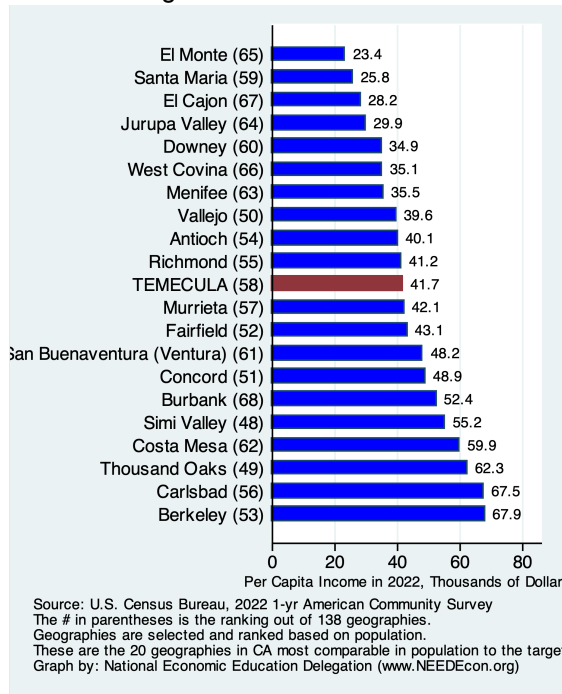
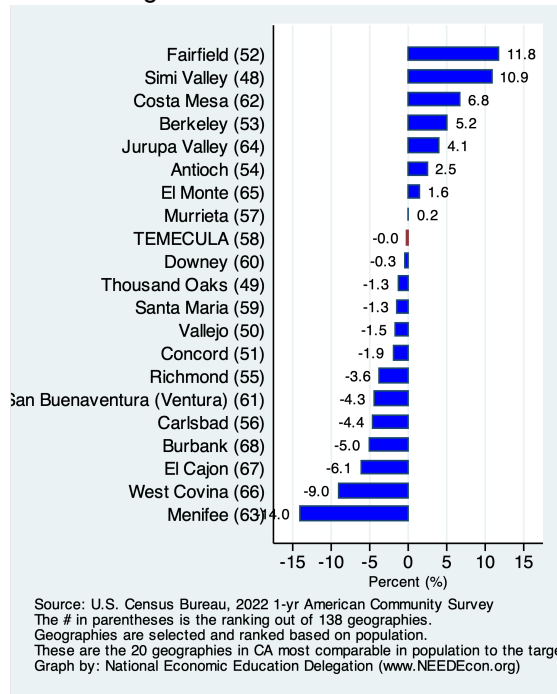


Figure 27: Growth over Time



Real Per Capita Income Ranking Among Cities in Riverside County

Figure 28: Income Levels

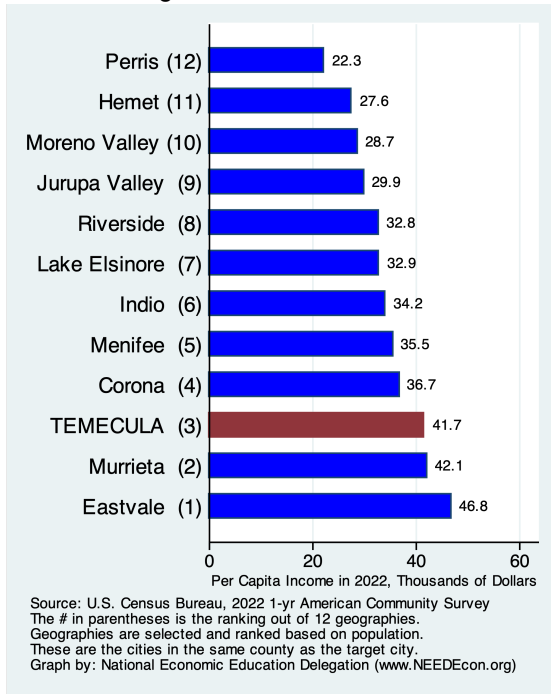


Figure 29: Growth over Time

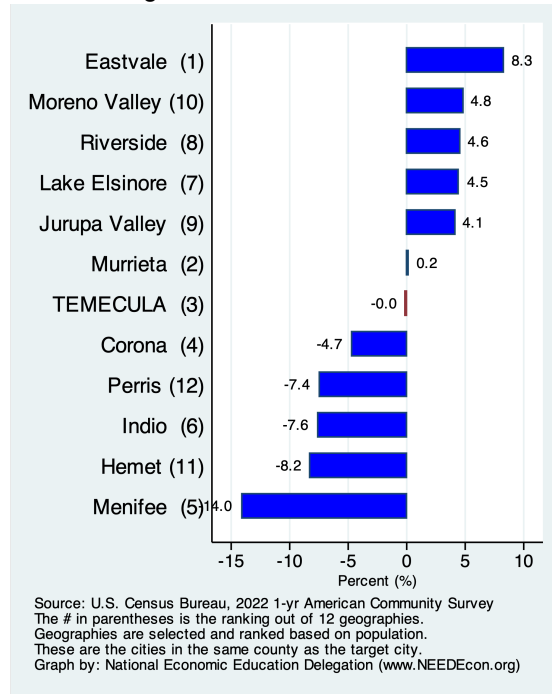
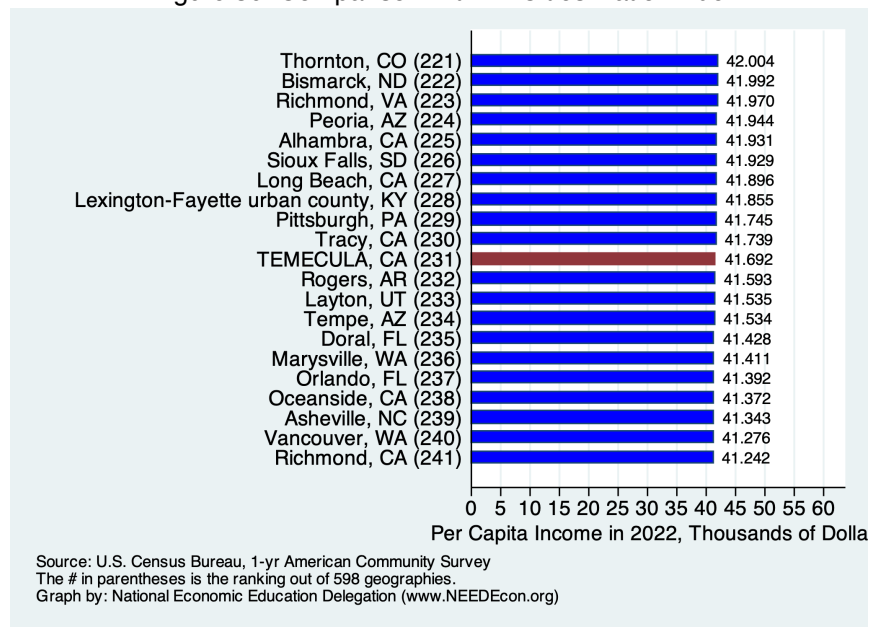


Figure 30: Comparison with All Cities Nationwide



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.

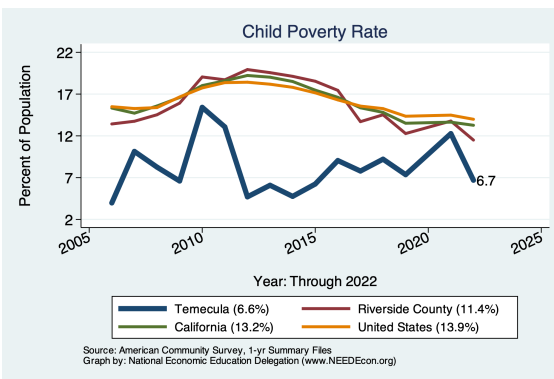
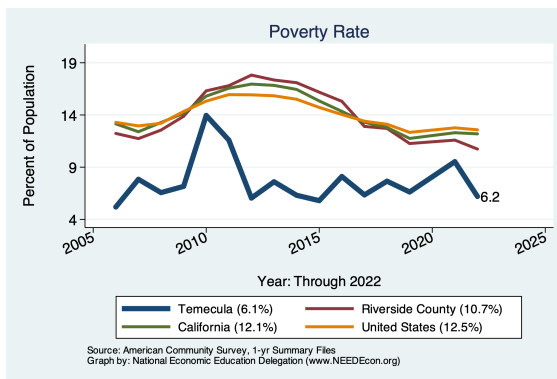


Figure 31: Inequality

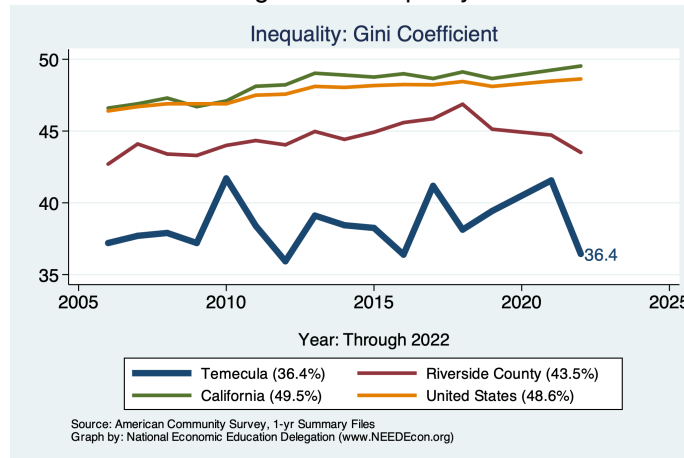


Figure 32: Shares Across the Income Distribution

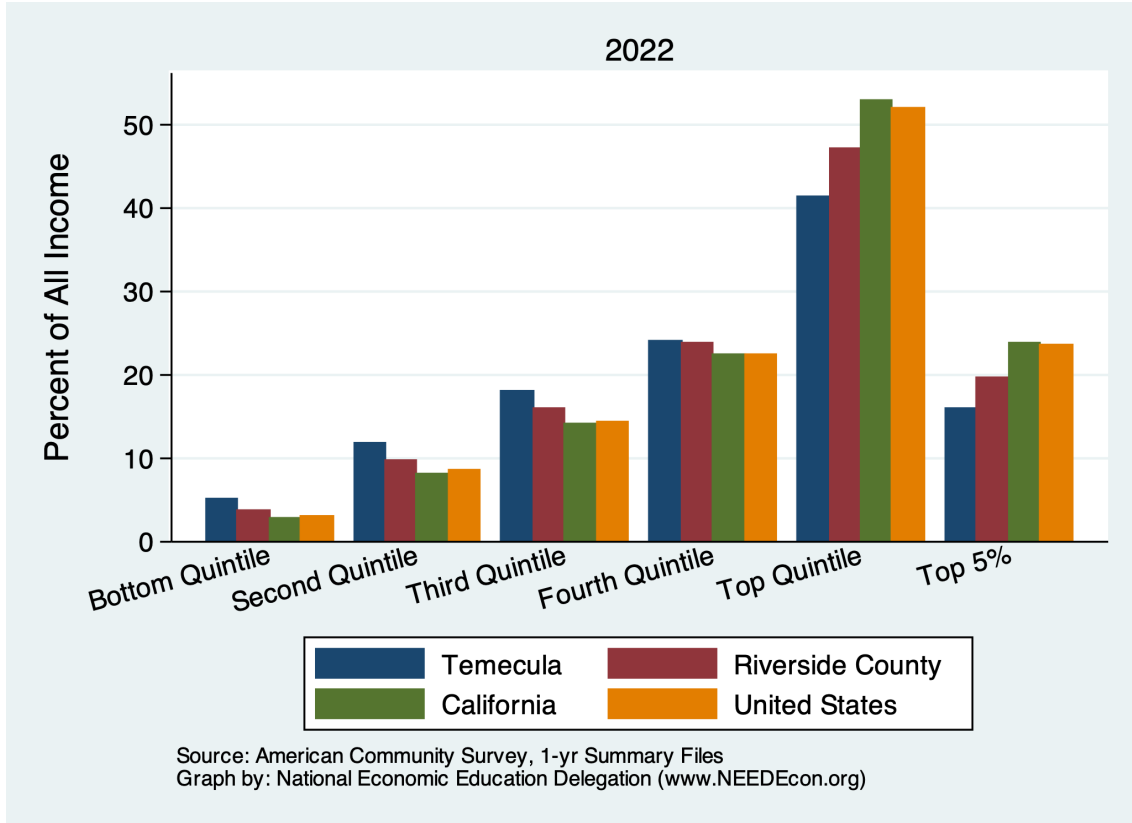
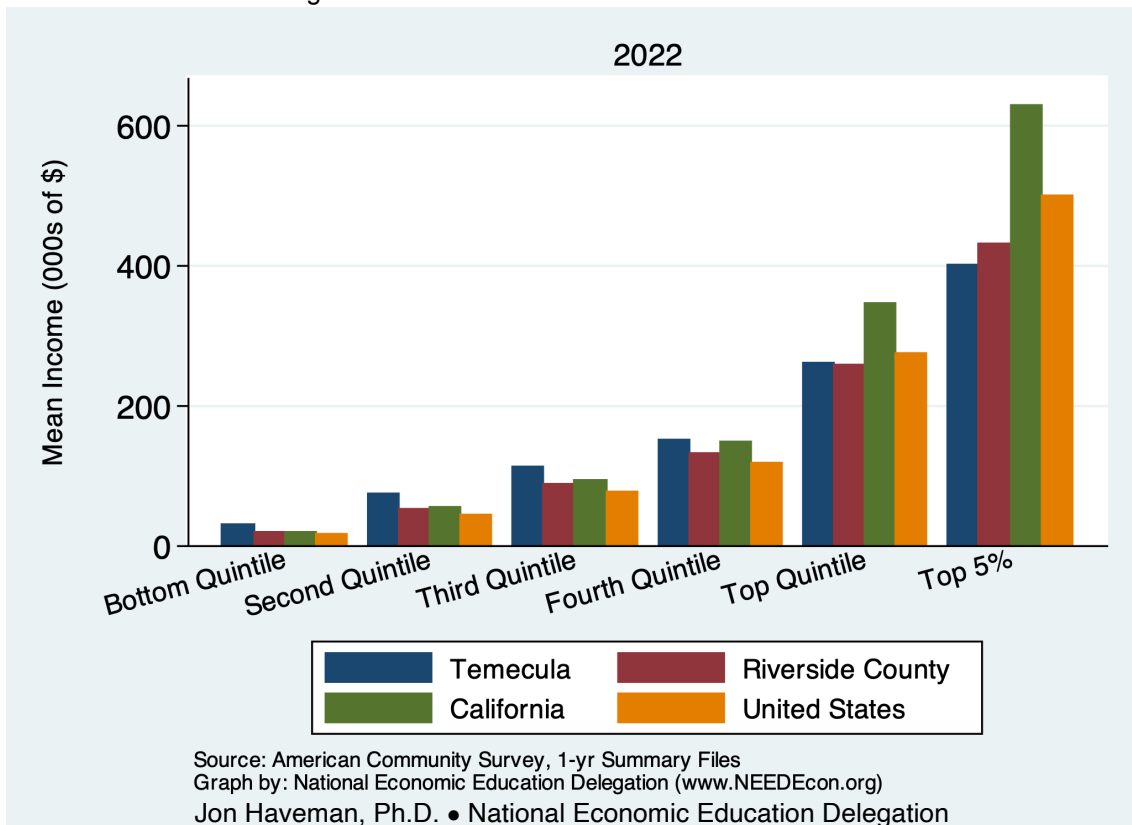


Figure 33: Means Across the Income Distribution



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 Temecula and Broader Regions

Figure 34: Median Home Prices

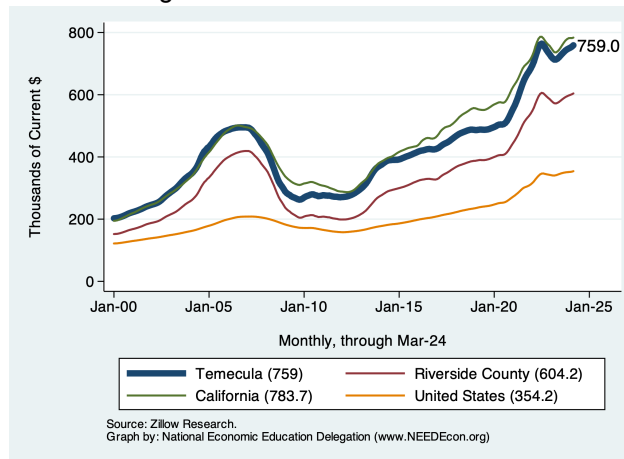
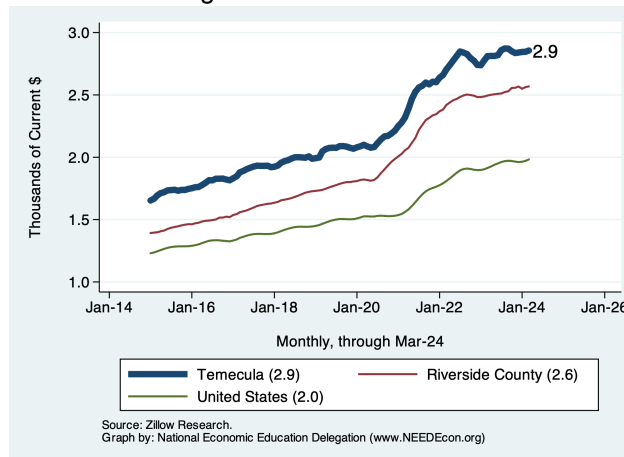


Figure 35: Median Rents



Housing Ownership in Temecula and Broader Regions

Figure 36: Home Ownership Rates

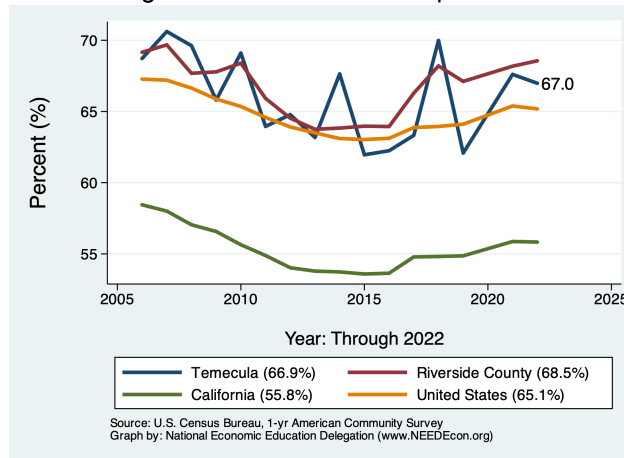


Figure 37: Home Ownership by Age

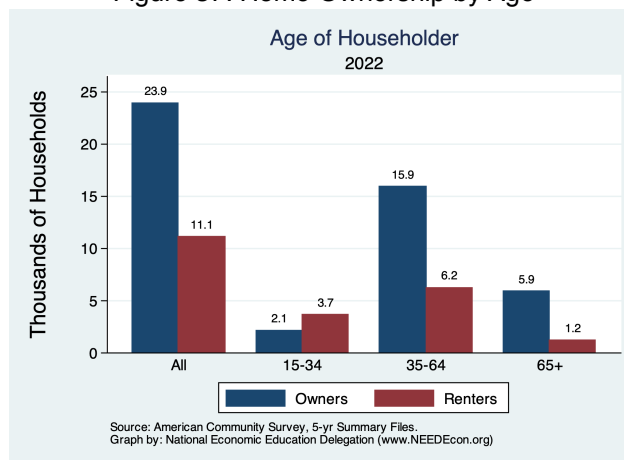


Figure 38: Income by Tenure

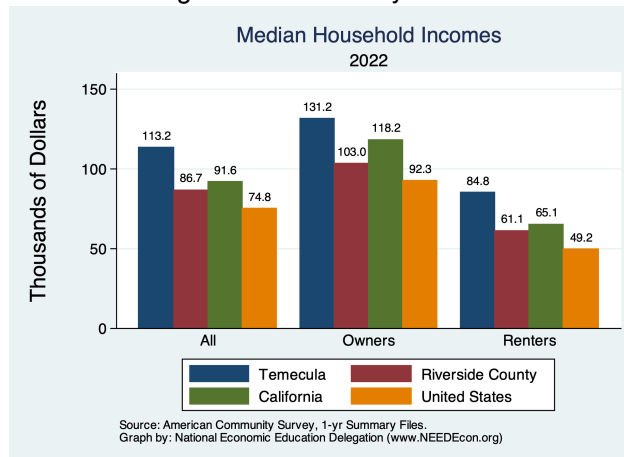


Figure 39: Income Distribution by Tenure

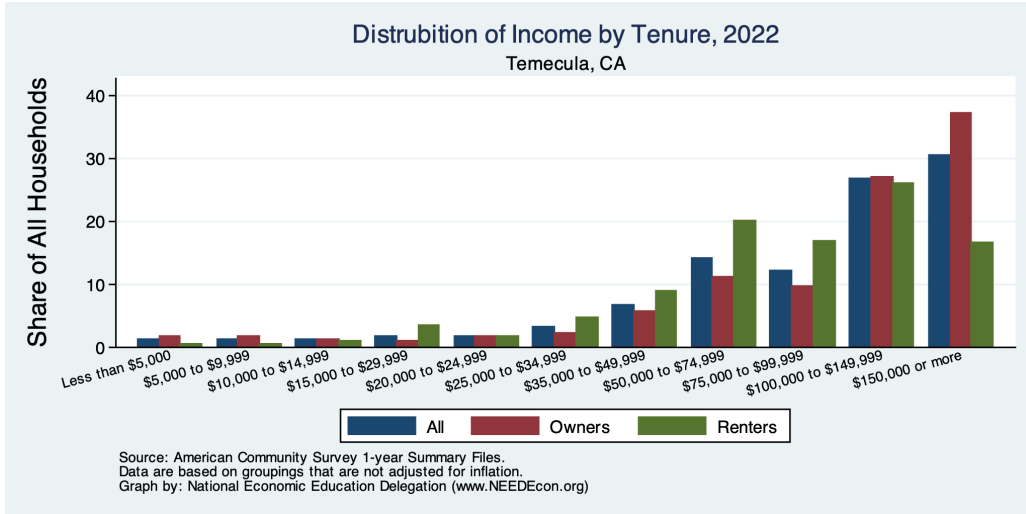


Figure 40: Income Distribution of Home Owners

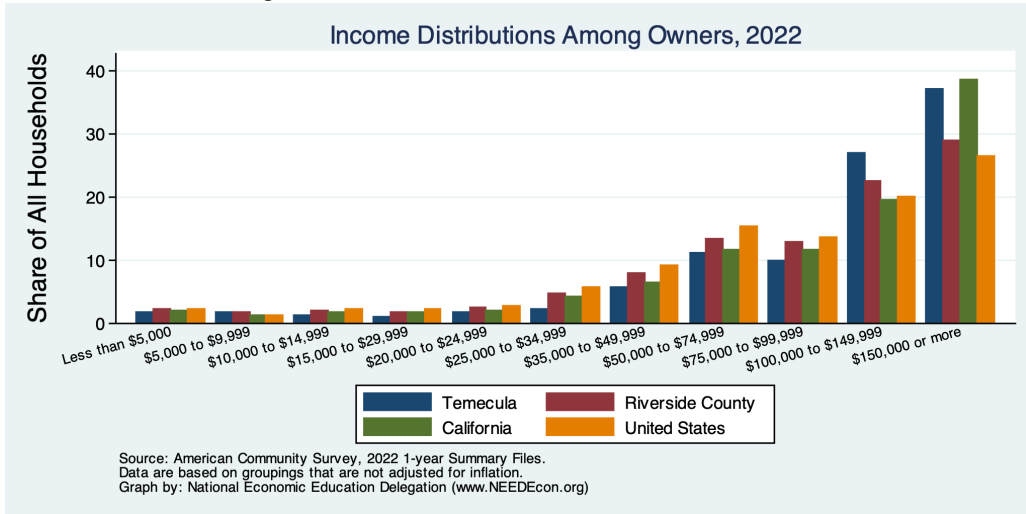
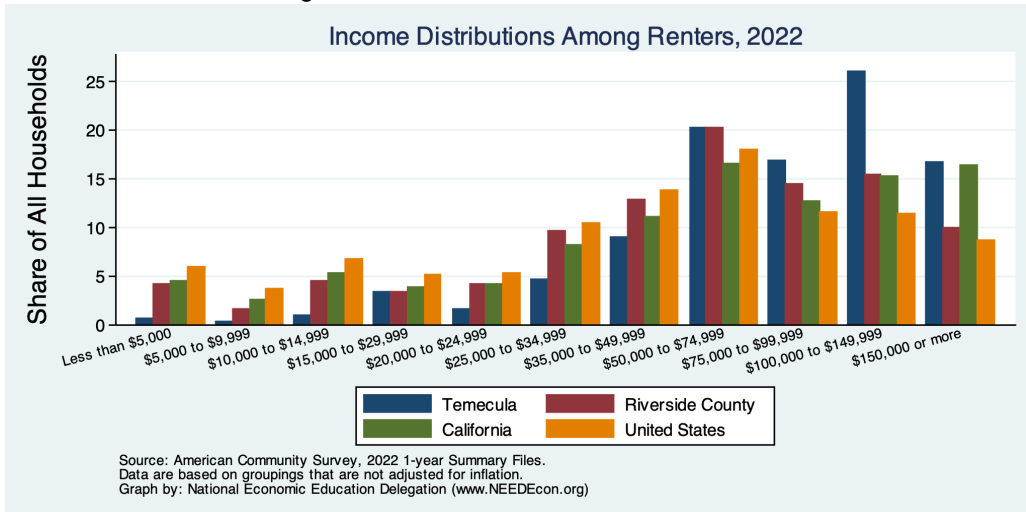


Figure 41: Income Distribution of Renters



Housing Burden in Temecula and Broader Regions

Figure 42: Home Owners w/ A Mortgage

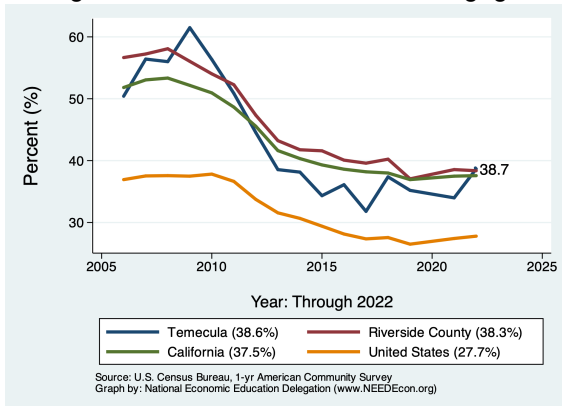


Figure 43: Home Owners w/o A Mortgage

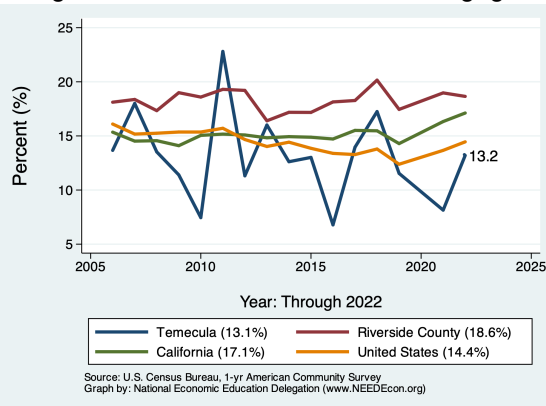


Figure 44: Renters

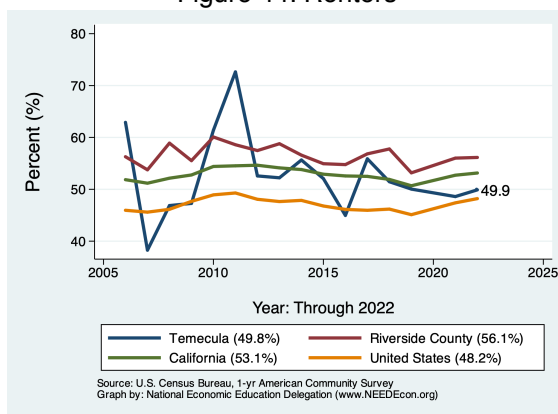
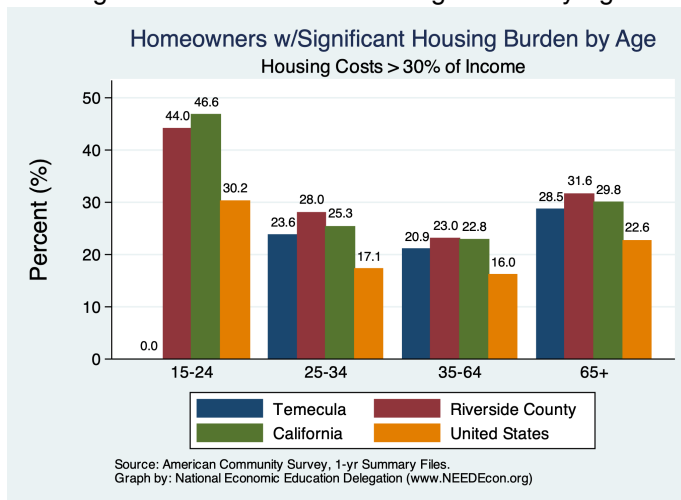


Figure 45: Homeowner Housing Burden by Age



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	108,899.0	111,879.0	100,097.0	-2.7	8.8
Total # of Homes	37,492.0	36,520.0	34,004.0	2.7	10.3
# Occupied Units	36,180.0	34,446.0	31,781.0	5.0	13.8
Persons per Household	3.0	3.2	3.1	-7.3	-4.4
Vacancy Rate (%)	3.5	5.7	6.5	-38.4	-46.5

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

Figure 46: Housing Growth

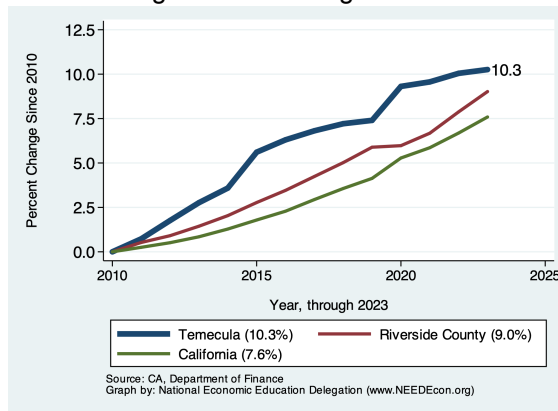


Figure 47: Persons per Household

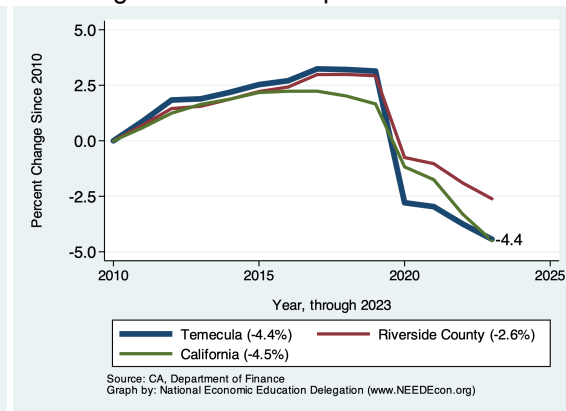


Figure 48: Vacancy Rates

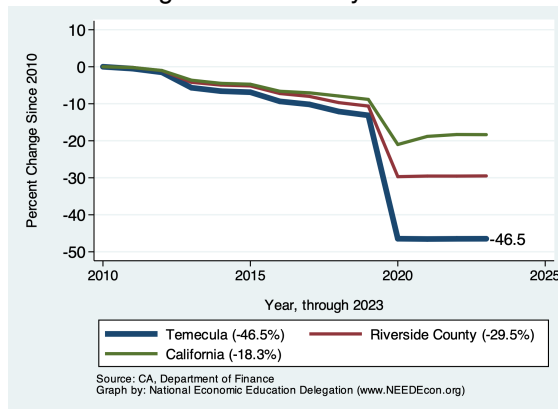
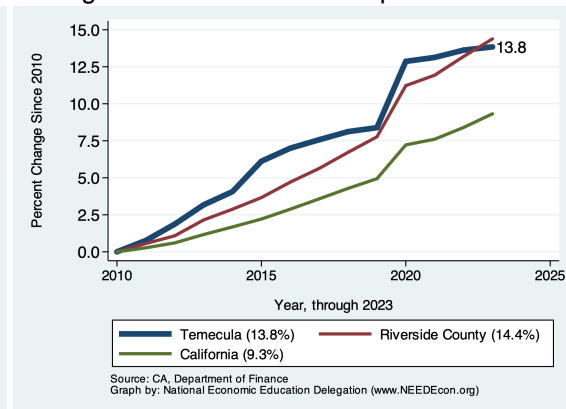


Figure 49: Number of Occupanied Units



Trends in the Growth of Housing by Housing Type

Figure 50: Single Detached Homes

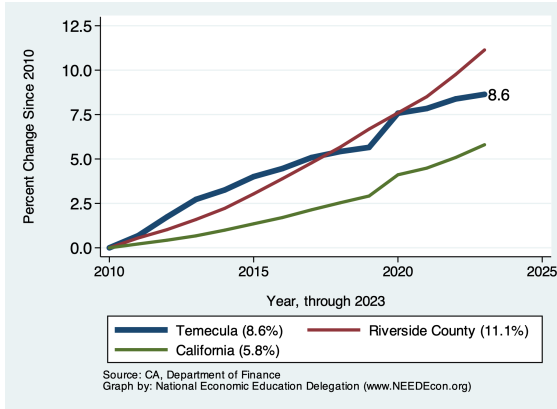


Figure 51: Single Attached Homes

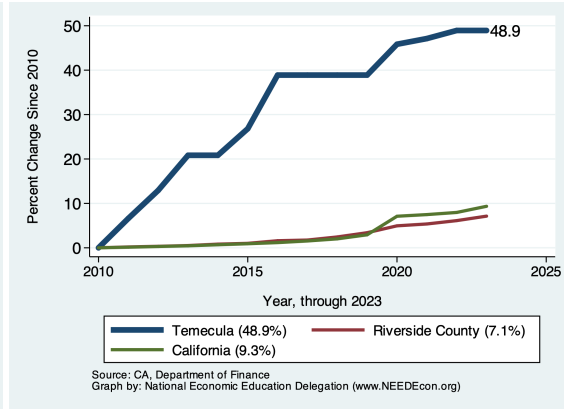


Figure 52: Housing in Buildings with Two to Four Units

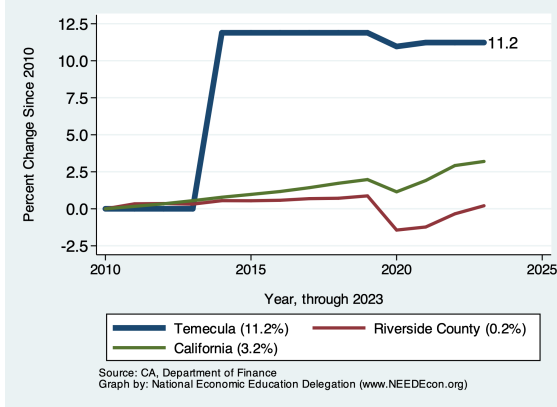
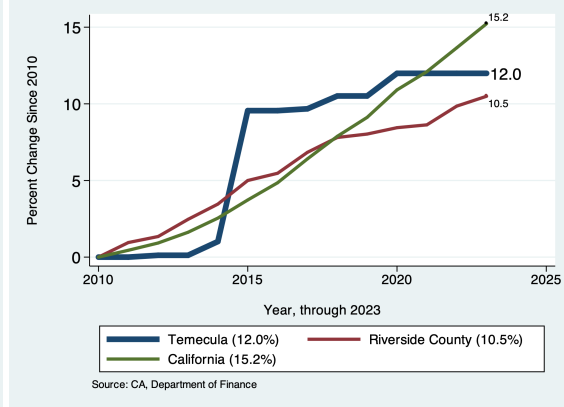


Figure 53: Housing in Buildings with Five or More Units



Vintage of Residential Housing

Why is it important?

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

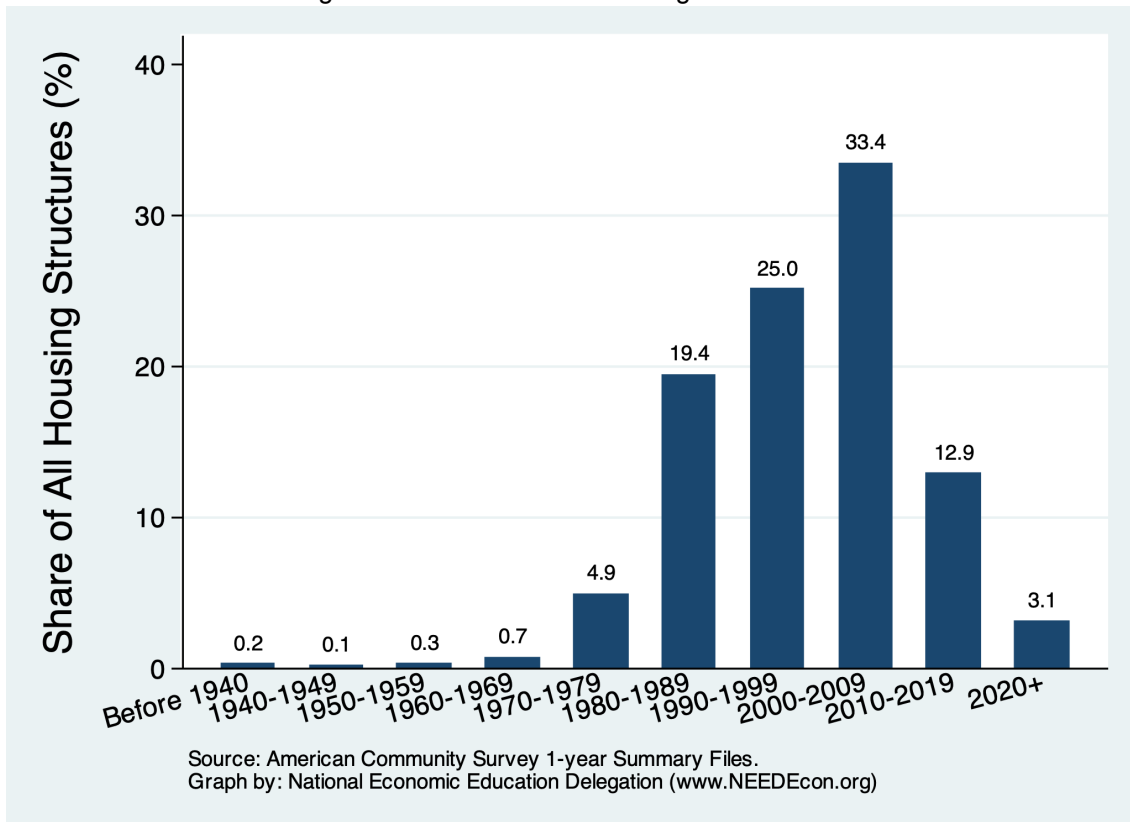


Figure 55: Housing Vintage across Regions

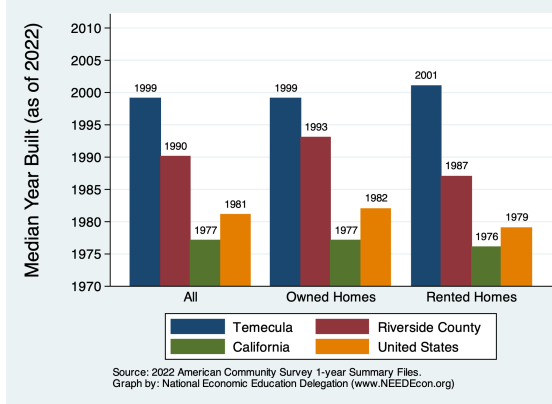


Figure 56: Housing Vintage by Tenure

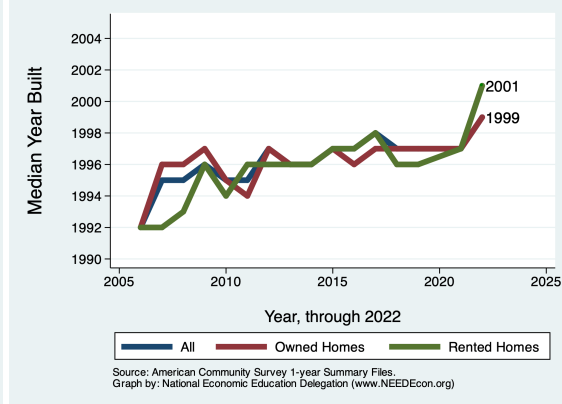


Figure 57: Vintage of Owned Residences

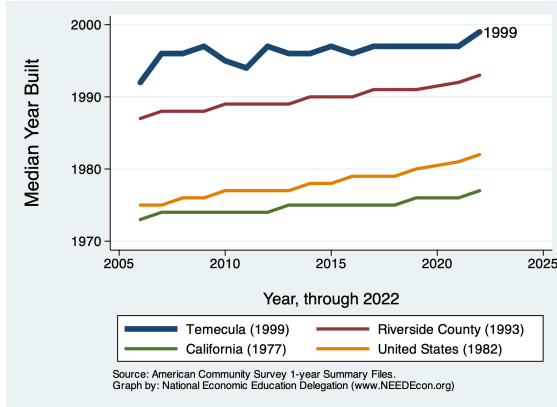


Figure 58: Vintage of Rented Residences

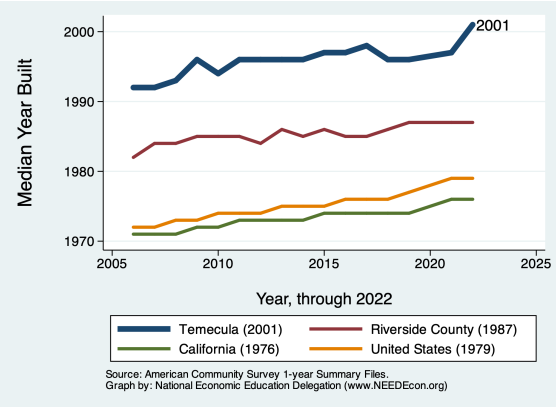
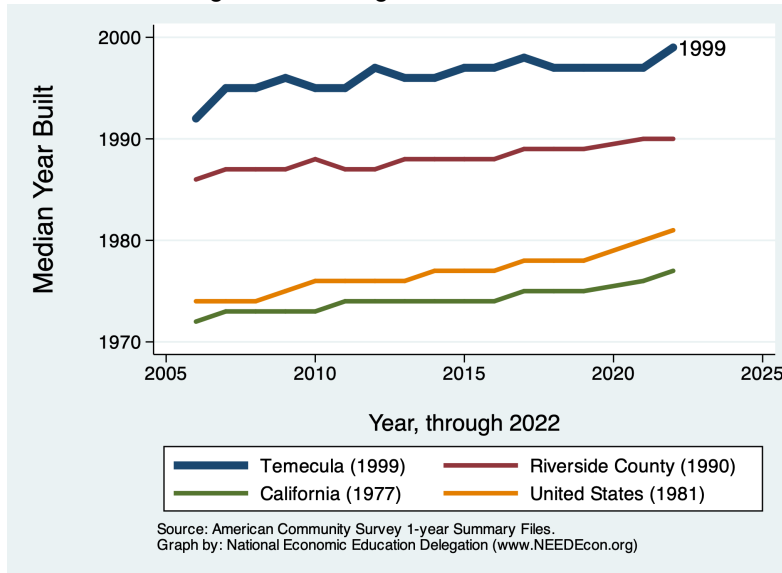


Figure 59: Vintage of All Residences



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

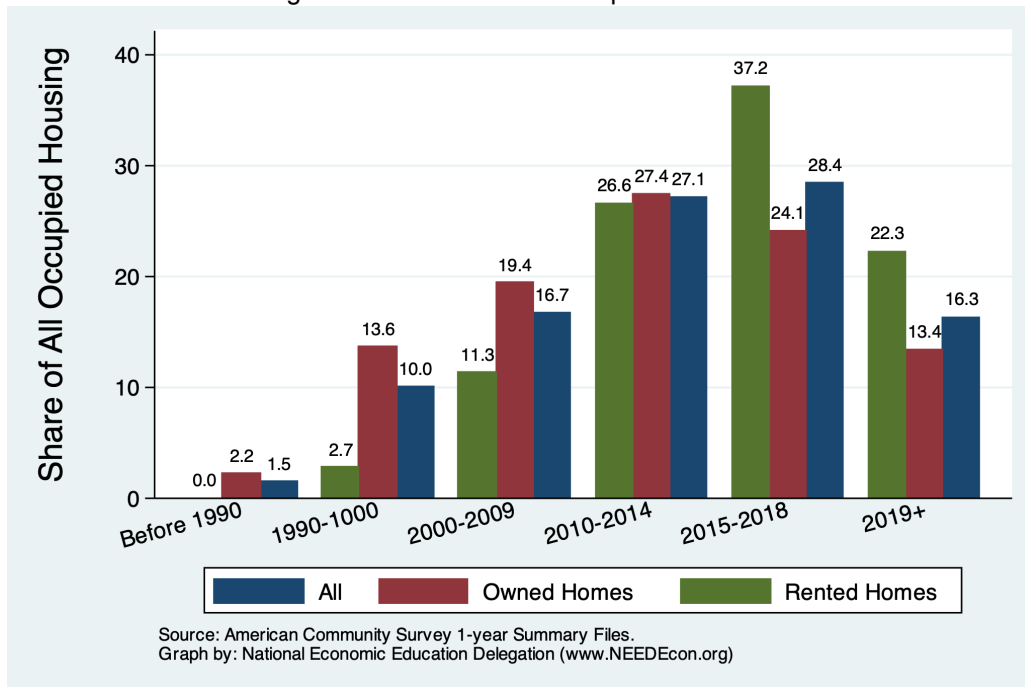


Figure 61: Year Occupied by Current Residents across Regions

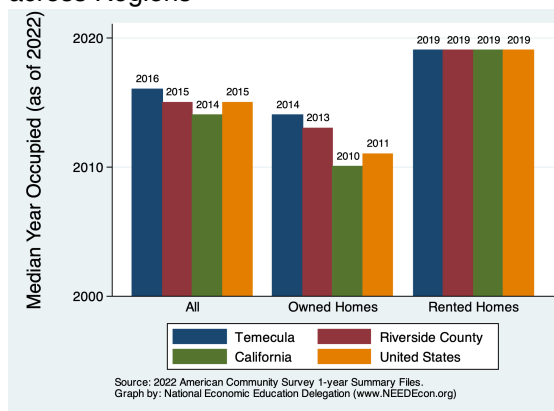


Figure 62: Year Occupied by Current Residents by Tenure

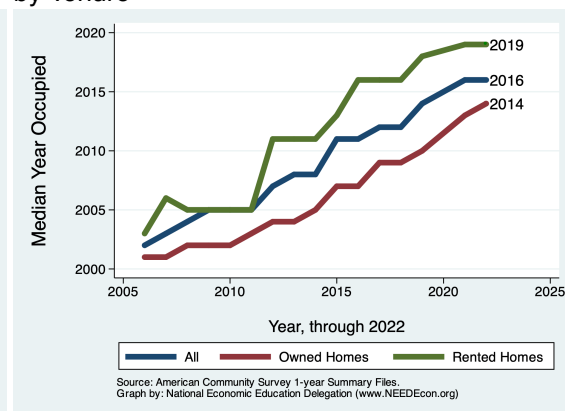


Figure 63: Year Occupied by Current Residents for Owned Housing

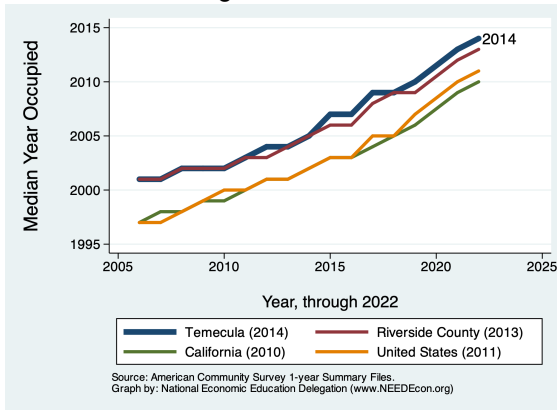


Figure 64: Year Occupied by Current Residents for Rented Housing

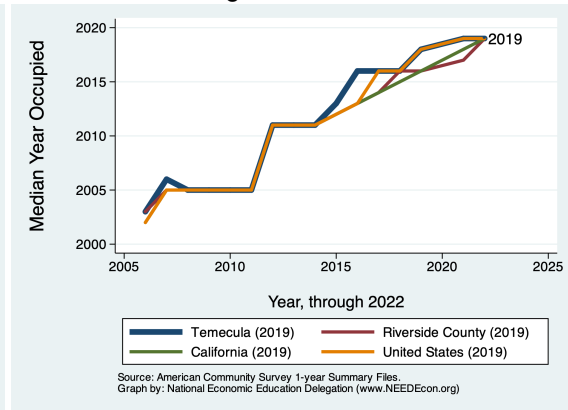
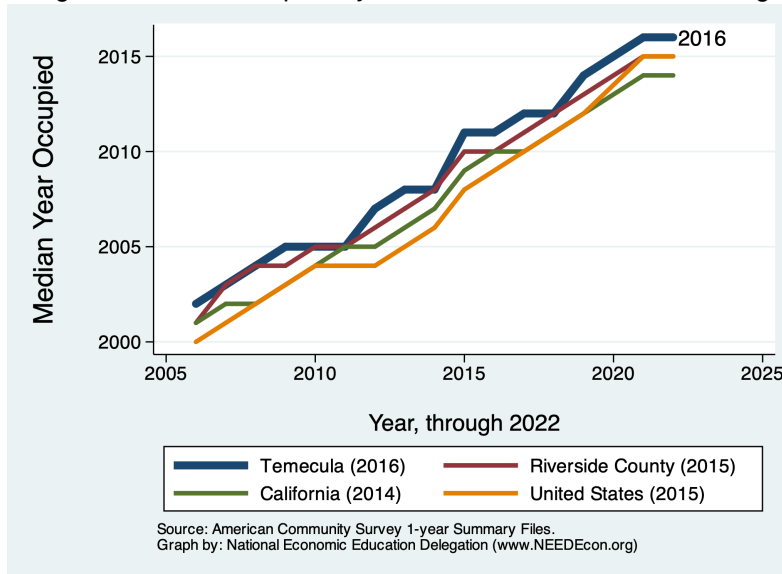


Figure 65: Year Occupied by Current Residents for All Housing



Residential Permitting

Definition:

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

Temecula - Ranking Among Comparables

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

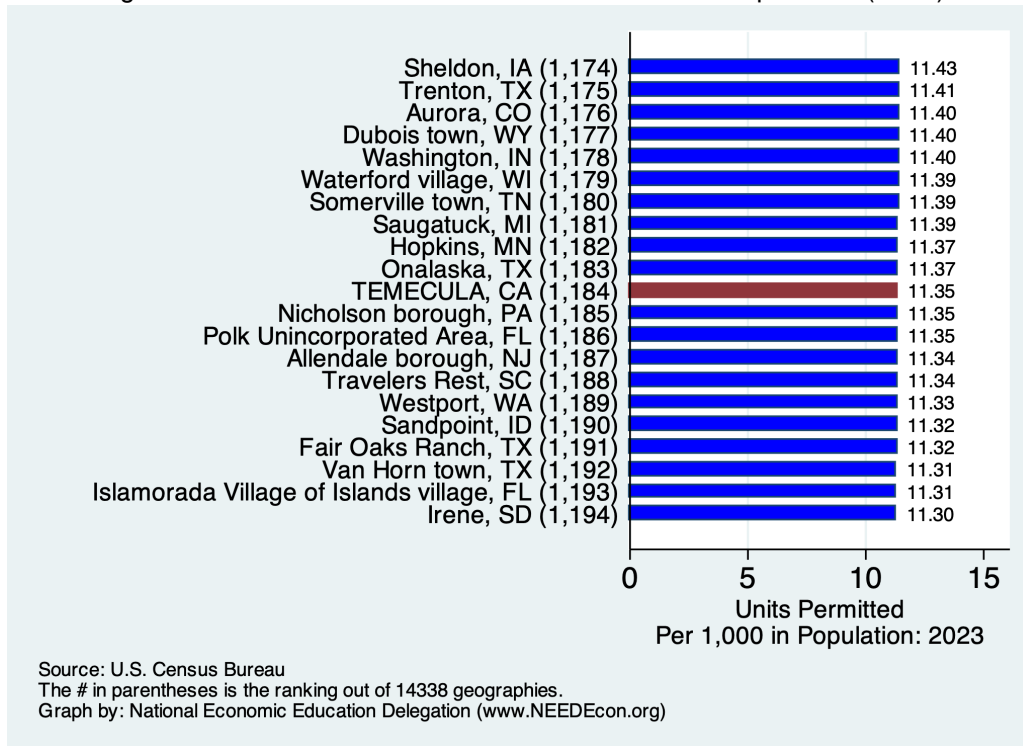
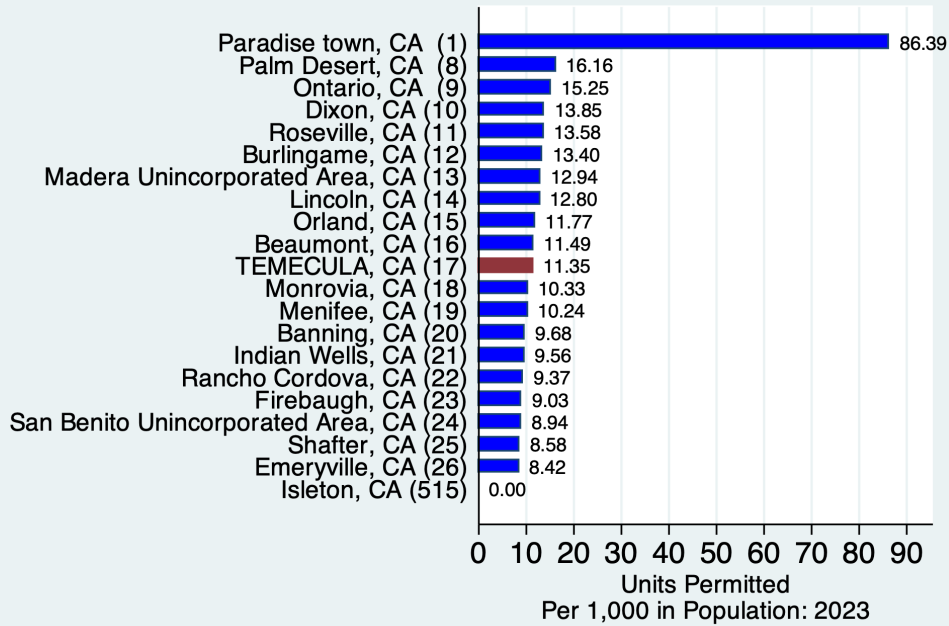
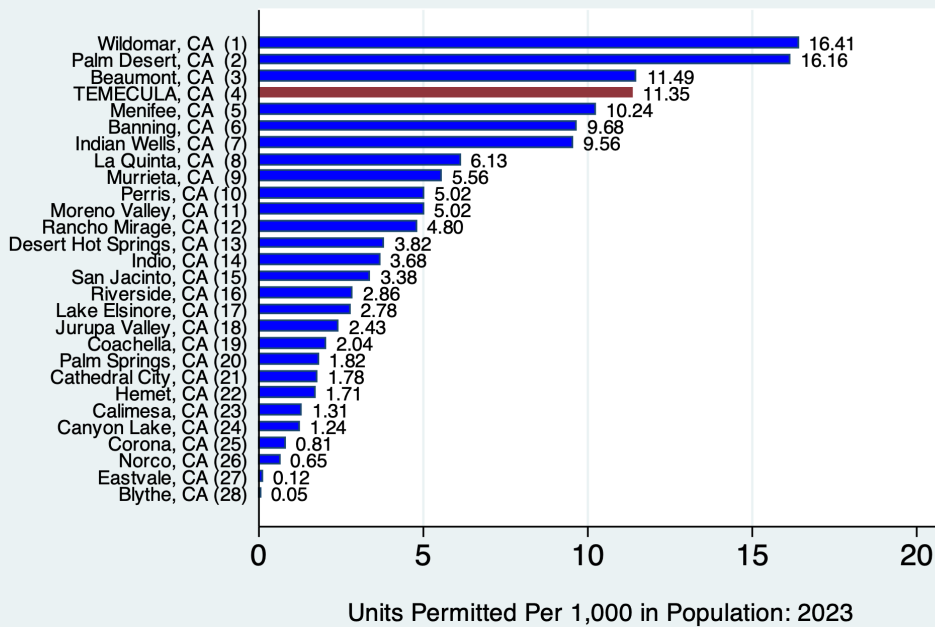


Figure 67: Number of Units Permitted - California Comparables (Rank)



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 Riverside County (Rank)



Source: U.S. Census Bureau,
 The # in parentheses is the ranking out of 28 geographies.
 Graph by: National Economic Education Delegation (www.NEEDecon.org)

Temecula - Permitting Activity

Annual Units Permitted - Per Capita in Temecula

Figure 69: Units Permitted Each Year

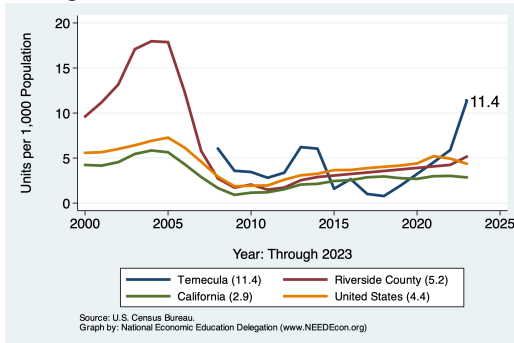
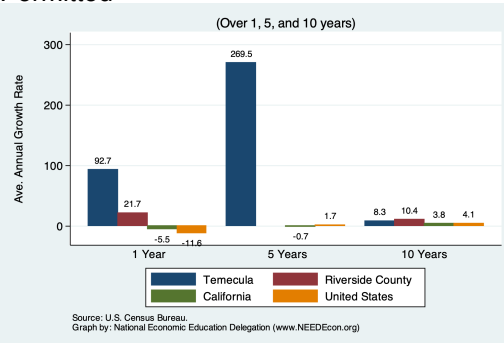


Figure 70: Average Annual Growth in Units Permitted



Annual Number of Buildings Permitted - Per Capita in Temecula

Figure 71: Units Permitted Each Year

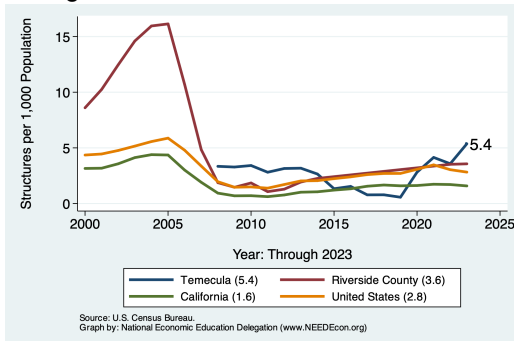
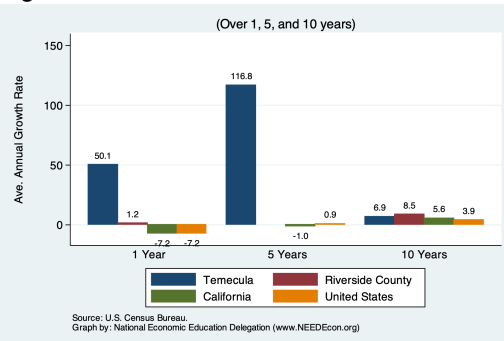


Figure 72: Average Annual Growth in Buildings Permitted



Annual Value of Property Permitted - Per Capita in Temecula

Figure 73: Value Permitted Each Year

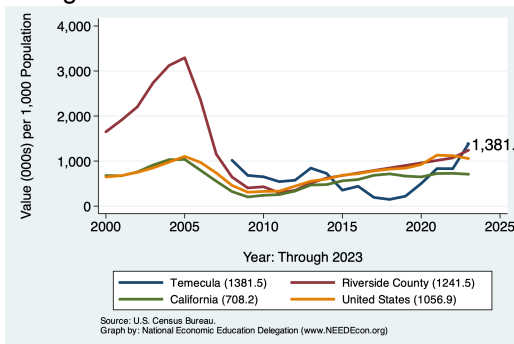
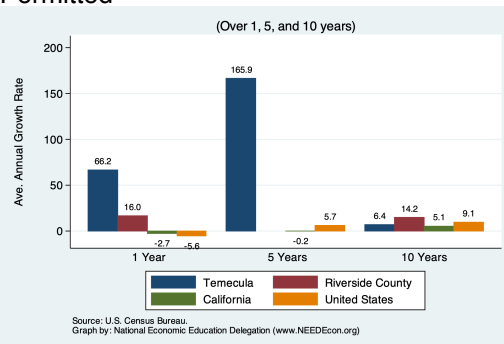


Figure 74: Average Annual Growth in Value Permitted



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

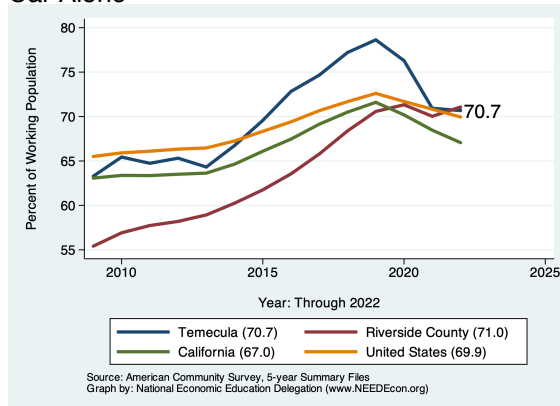


Figure 76: Percent of Workers Commuting by Carpool

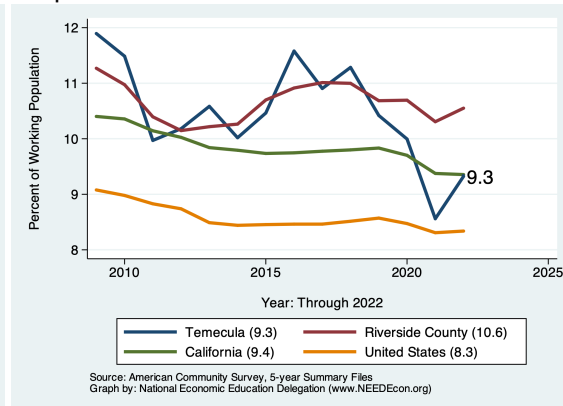


Figure 77: Percent of Workers using Public Transportation

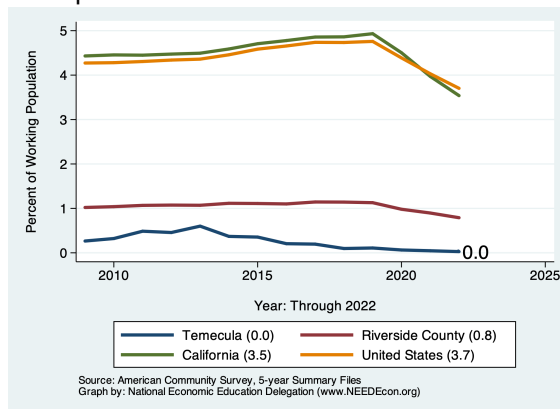
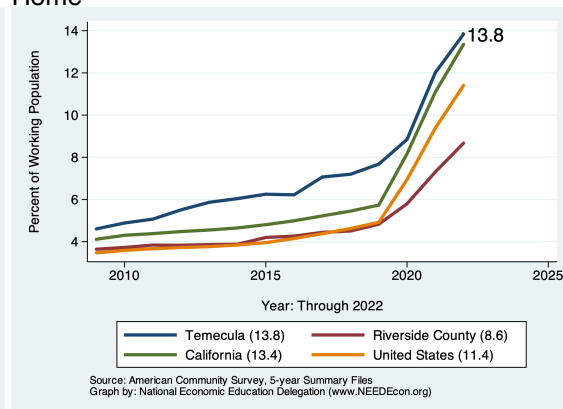


Figure 78: Percent of Workers Who Work From Home



The first table on this page presents data for those who LIVE in Temecula. The second provides data on those who work, but do not necessarily live in Temecula. 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:	23,130	79.5	18,175	79.5	41,305	80.0	78.0
Drove Alone	20,470	70.3	16,021	70.1	36,491	70.7	68.4
Carpooled:	2,660	9.1	2,154	9.4	4,814	9.3	9.5
In 2-person carpool	1,950	6.7	1,540	6.7	3,490	6.8	6.9
In 3-person carpool	301	1.0	297	1.3	598	1.2	1.5
In 4-or-more-person carpool	409	1.4	317	1.4	726	1.4	1.1
Public Transportation (excl Taxi):	14	0.0	0	0.0	14	0.0	3.6
Bus or Trolley Bus	14	0.0	0	0.0	14	0.0	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	0	0.0	0	0.0	0	0.0	0.3
Railroad	0	0.0	0	0.0	0	0.0	0.2
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	60	0.2	19	0.1	79	0.2	0.7
Walked	247	0.8	408	1.8	655	1.3	2.4
Taxicab, Motorcycle, or other	447	1.5	220	1.0	667	1.3	1.7
Worked at Home	4,173	14.3	2,971	13.0	7,144	13.8	13.6
Total:	28,071	96.5	21,793	95.4	49,864	96.6	

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:	26,422	84.2	24,445	85.6	50,867	85.7	78.0
Drove Alone	23,493	74.9	21,328	74.7	44,821	75.5	68.5
Carpooled:	2,929	9.3	3,117	10.9	6,046	10.2	9.5
In 2-person carpool	2,106	6.7	2,439	8.5	4,545	7.7	6.9
In 3-person carpool	541	1.7	494	1.7	1,035	1.7	1.5
In 4-or-more-person carpool	282	0.9	184	0.6	466	0.8	1.1
Public Transportation (excl Taxi):	31	0.1	0	0.0	31	0.1	3.6
Bus or Trolley Bus	31	0.1	0	0.0	31	0.1	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	0	0.0	0	0.0	0	0.0	0.3
Railroad	0	0.0	0	0.0	0	0.0	0.2
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	61	0.2	15	0.1	76	0.1	0.7
Walked	264	0.8	268	0.9	532	0.9	2.4
Taxicab, Motorcycle, or other	425	1.4	279	1.0	704	1.2	1.7
Worked at Home	4,173	13.3	2,971	10.4	7,144	12.0	13.6
Total:	31,376	100.0	27,978	97.9	59,354	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	128	0.5	113	0.5	241	0.5	2.1
5 to 9 minutes	1,384	4.9	2,920	13.5	4,304	8.9	7.8
10 to 14 minutes	2,719	9.7	2,519	11.7	5,238	10.8	12.4
15 to 19 minutes	2,878	10.2	2,748	12.7	5,626	11.6	15.4
20 to 24 minutes	1,914	6.8	2,420	11.2	4,334	9.0	14.8
25 to 29 minutes	418	1.5	1,000	4.6	1,418	2.9	6.4
30 to 34 minutes	1,846	6.6	1,737	8.0	3,583	7.4	15.2
35 to 39 minutes	757	2.7	1,166	5.4	1,923	4.0	2.9
40 to 44 minutes	343	1.2	983	4.6	1,326	2.7	4.1
45 to 59 minutes	3,009	10.7	1,387	6.4	4,396	9.1	8.2
60 to 89 minutes	5,033	17.9	1,714	7.9	6,747	13.9	7.2
90 or more minutes	3,437	12.2	709	3.3	4,146	8.6	3.6
Total:	23,866	84.8	19,416	89.9	43,282	89.5	

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

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

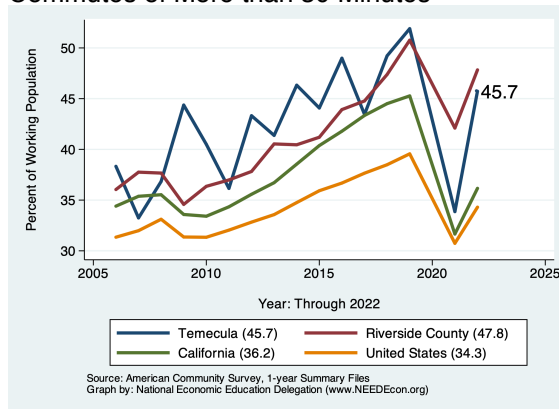


Figure 80: Percent of Employed Population With Commutes of More than 90 Minutes

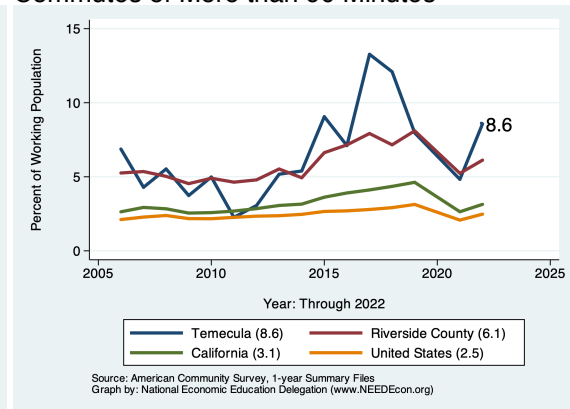
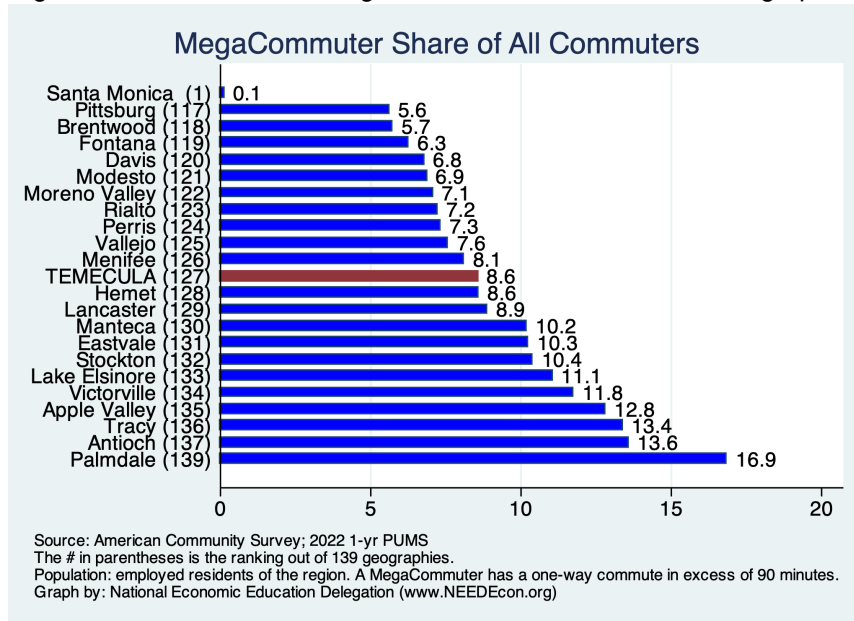


Figure 81: Rank: Share of MegaCommuters Across Similar Geographies



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	298	1.0	664	2.4	962	1.7	2.1
5 to 9 minutes	2,109	7.1	3,361	12.2	5,470	9.7	7.8
10 to 14 minutes	3,161	10.6	3,510	12.7	6,671	11.8	12.4
15 to 19 minutes	2,927	9.8	3,902	14.2	6,829	12.1	15.3
20 to 24 minutes	3,757	12.6	4,128	15.0	7,885	14.0	14.8
25 to 29 minutes	1,471	4.9	888	3.2	2,359	4.2	6.4
30 to 34 minutes	4,646	15.6	4,482	16.3	9,128	16.2	15.2
35 to 39 minutes	626	2.1	523	1.9	1,149	2.0	2.9
40 to 44 minutes	1,151	3.9	1,302	4.7	2,453	4.3	4.1
45 to 59 minutes	1,861	6.2	1,930	7.0	3,791	6.7	8.2
60 to 89 minutes	1,977	6.6	2,264	8.2	4,241	7.5	7.2
90 or more minutes	2,117	7.1	148	0.5	2,265	4.0	3.6
Total:	26,101	87.5	27,102	98.4	53,203	94.2	

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

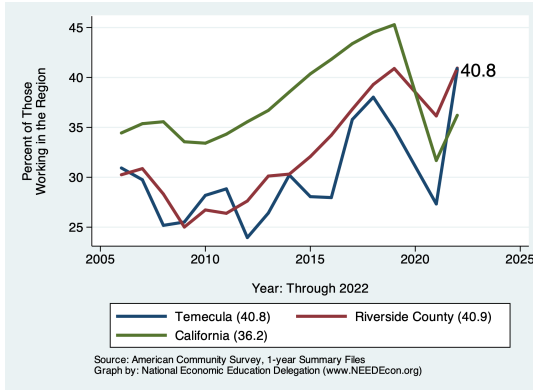


Figure 83: Percent of Local Employees With Commutes of More than 90 Minutes

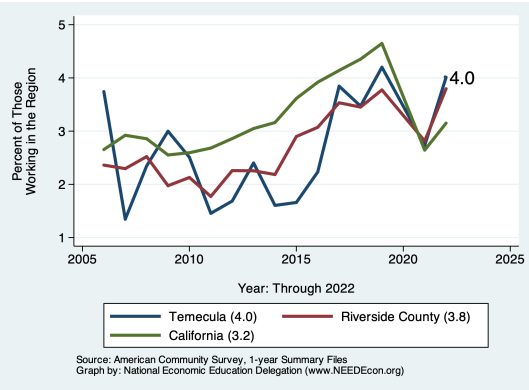
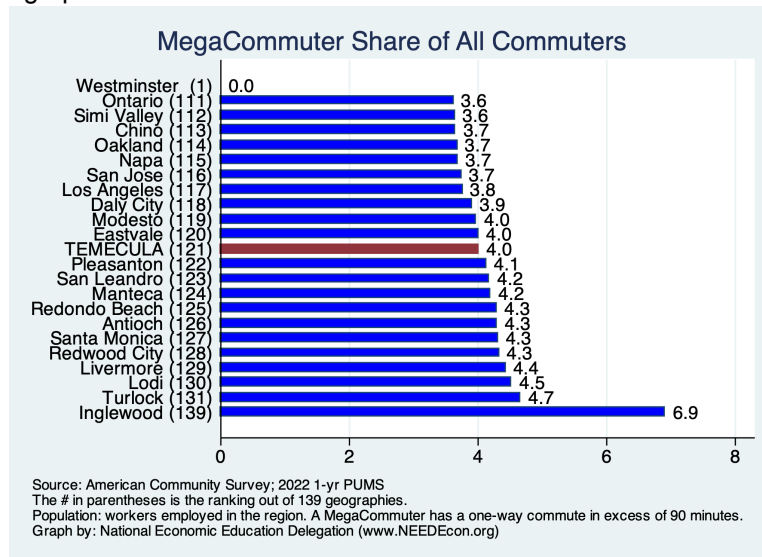


Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



Place of Work

This section provides evidence on where workers living in Temecula work. As evidenced in the first table, some of Temecula’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 Temecula 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:	29,285	93.3	23,309	97.8	52,594	99.1	99.6
Worked in county of residence	20,131	64.1	18,595	78.0	38,726	73.0	85.3
worked outside of county of residence	9,154	29.2	4,714	19.8	13,868	26.1	14.3
Worked outside state of residence	48	0.2	0	0.0	48	0.1	0.4
Total:	29,333	93.5	23,309	97.8	52,642	99.2	

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

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

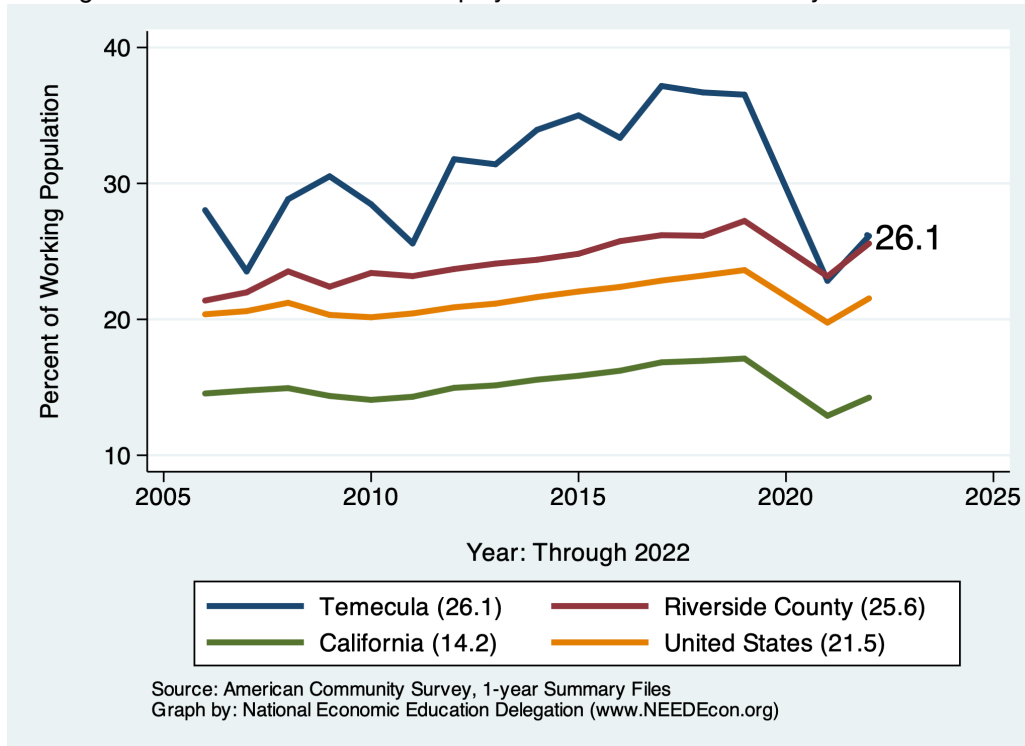
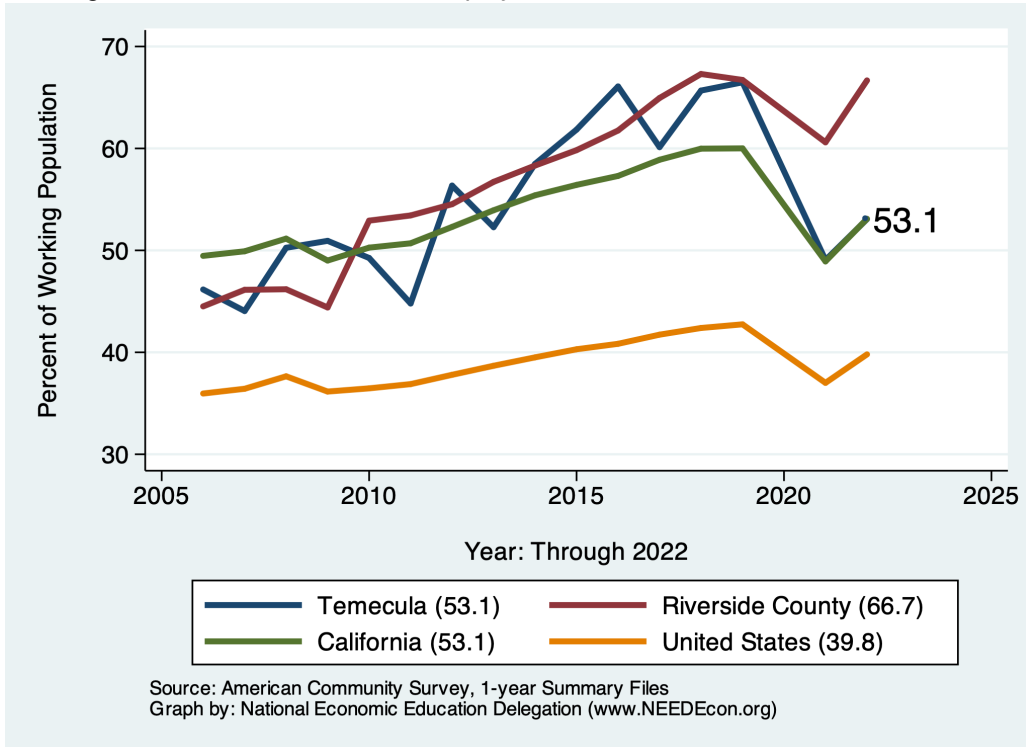


Table 11. SEX OF WORKERS BY PLACE OF WORK-PLACE LEVEL

Place of Work	Male		Female		All Workers		All of CA (%)
	#	(%)	#	(%)	#	(%)	
Living in a place:	29,333	93.5	23,309	97.8	52,642	99.2	95.8
Worked in place of residence	12,944	41.2	11,534	48.4	24,478	46.1	42.3
Worked outside place of residence	16,389	52.2	11,775	49.4	28,164	53.1	53.4
Not living in a place	0	0.0	0	0.0	0	0.0	4.2
Total:	29,333	93.5	23,309	97.8	52,642	99.2	

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	51,856	48,335	100.3	45,677	98.8
Car, truck, or van - carpooled	44,243	35,926	115.1	34,518	111.5
Public transportation (excluding taxicab)		34,625		41,443	
Walked	35,833	30,552	109.6	27,247	114.4
Taxicab, motorcycle, bicycle, or other means	42,852	40,631	98.6	36,218	102.9
Worked from home	65,750	79,738	77.1	69,180	82.7
Total:	53,298	49,818	107.0	46,365	115.0

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	8,369	52.7	11,073	64.3	13,285	71.0	36,491	69.3	68.4
Car, Truck, or Van: Carpooled	1,346	8.5	1,559	9.0	1,314	7.0	4,814	9.1	9.5
Public Transportation (excl Taxi)	3	0.0	11	0.1	0	0.0	14	0.0	3.6
Walked	242	1.5	232	1.3	152	0.8	655	1.2	2.4
Taxicab, Motorcycle, or other	171	1.1	153	0.9	262	1.4	746	1.4	2.4
Worked at Home	1,279	8.1	1,731	10.0	3,694	19.7	7,144	13.6	13.6
Total:	11,410	71.9	14,759	85.7	18,707		49,864	94.7	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	13,554	58.6	14,412	68.3	10,331	66.5	44,821	71.6	68.5
Car, Truck, or Van: Carpooled	2,092	9.0	1,811	8.6	1,226	7.9	6,046	9.7	9.5
Public Transportation (excl Taxi)	29	0.1	0	0.0	2	0.0	31	0.0	3.6
Walked	147	0.6	174	0.8	200	1.3	532	0.9	2.4
Taxicab, Motorcycle, or other	267	1.2	105	0.5	79	0.5	780	1.2	2.4
Worked at Home	1,279	5.5	1,731	8.2	3,694	23.8	7,144	11.4	13.6
Total:	17,368	75.1	18,233	86.4	15,532		59,354	94.9	

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	1,413	63.4	1,088	52.0	33,990	70.8	36,491	70.7	68.7
Car, Truck, or Van: Carpooled	157	7.0	225	10.8	4,432	9.2	4,814	9.3	9.5
Public Transportation (excl Taxi)	3	0.1	0	0.0	11	0.0	14	0.0	3.6
Walked	0	0.0	44	2.1	611	1.3	655	1.3	2.1
Taxicab, Motorcycle, or other	9	0.4	0	0.0	737	1.5	746	1.4	2.4
Worked at Home	135	6.1	99	4.7	6,910	14.4	7,144	13.8	13.6
Total:	1,717	77.1	1,456	69.6	46,691	97.3	49,864	96.6	

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	2,076	60.1	1,621	37.6	41,124	75.4	44,821	75.5	68.7
Car, Truck, or Van: Carpooled	334	9.7	379	8.8	5,333	9.8	6,046	10.2	9.5
Public Transportation (excl Taxi)	20	0.6	0	0.0	11	0.0	31	0.1	3.6
Walked	29	0.8	44	1.0	459	0.8	532	0.9	2.1
Taxicab, Motorcycle, or other	88	2.5	15	0.3	677	1.2	780	1.3	2.4
Worked at Home	135	3.9	99	2.3	6,910	12.7	7,144	12.0	13.6
Total:	2,682	77.7	2,158	50.1	54,514		59,354		

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 Temecula 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

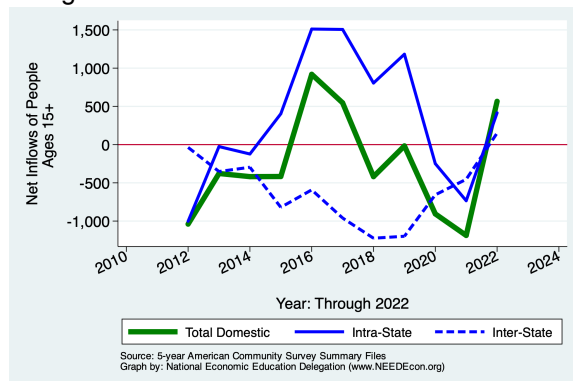


Table 17: Migration by Income

Category	Population	Net Inflows				
		All Migration	Same State			From Abroad
			W/in County	Between Counties	Across States	
No income	12,329	38	-94	-130	262	0
With income	74,019	820	1,831	-32	-1,064	85
\$1 to \$9,999 or less	10,011	-417	176	-265	-413	85
\$10,000 to \$14,999	4,665	-741	-208	-212	-321	0
\$15,000 to \$24,999	8,095	-167	499	-330	-336	0
\$25,000 to \$34,999	7,685	733	945	29	-241	0
\$35,000 to \$49,999	9,987	1,352	423	374	555	0
\$50,000 to \$64,999	6,892	67	313	-183	-63	0
\$65,000 to \$74,999	4,889	119	-10	98	31	0
\$75,000 or more	21,795	-126	-307	457	-276	0
All:	86,348	858	1,737	-162	-802	85

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

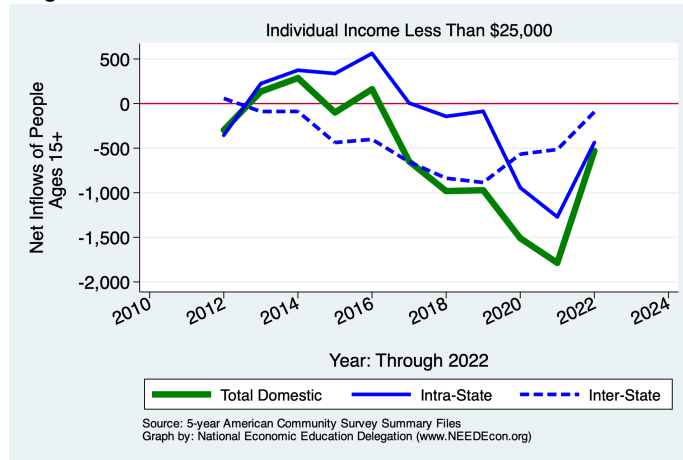


Figure 89: Overall Movements of Middle Income Residents

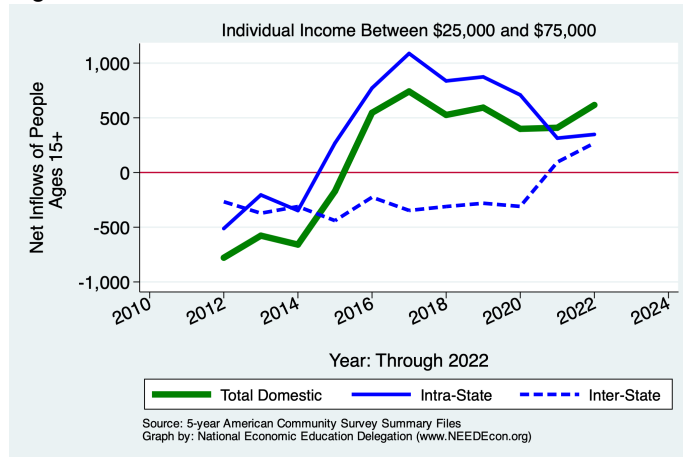
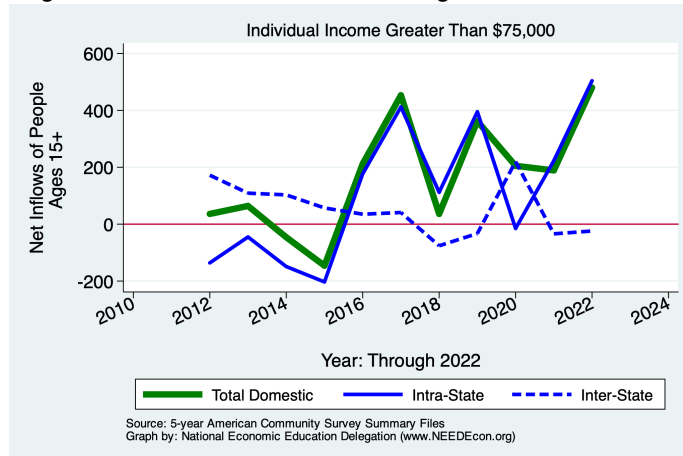


Figure 90: Overall Movements of High Income Residents



Demographics of Migration Flows

Table 18: Migration by Marital Status

Category	Population	All Migration	Net Inflows			
			Same State			From Abroad
			W/in County	Between Counties	Across States	
Never married	24,602	-522	839	-1,040	-321	0
Now married, except separated	47,249	1,795	325	1,184	201	85
Divorced	9,237	-163	547	-194	-516	0
Separated	1,083	-64	111	-112	-63	0
Widowed	4,177	-188	-85	0	-103	0
Total:	86,348	858	1,737	-162	-802	85

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

Table 19: Migration by Tenure

Category	Population	All Migration	Net Inflows			
			Same State			From Abroad
			W/in County	Between Counties	Across States	
Householder lived in owner-occupied housing units	75,162	2,989	669	2,858	-538	0
Householder lived in renter-occupied housing units	34,668	658	2,030	-1,534	-63	225
Total:	109,830	3,647	2,699	1,324	-601	225

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

Figure 91: Domestic Movements of Residents by Tenure

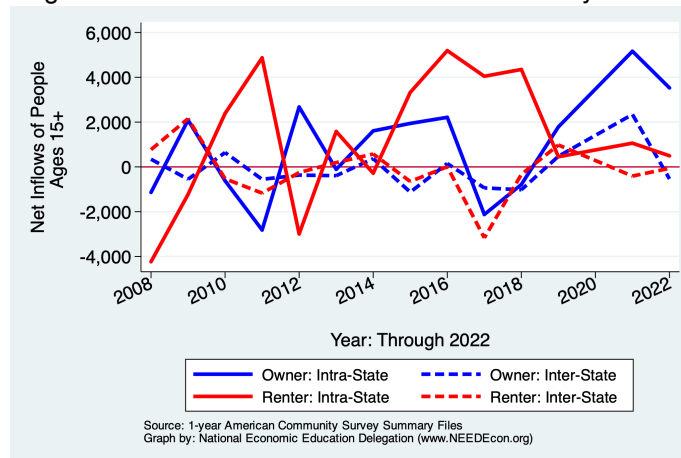


Table 20: Migration by Age

Category	Population	Net Inflows					
		All Migration	Same State			Across States	From Abroad
			W/in County	Between Counties	Across States		
1 to 4 years	6,366	549	4	151	394	0	
5 to 17 years	23,291	1,821	215	1,211	227	168	
18 and 19 years	2,429	-459	-100	-246	-131	18	
20 to 24 years	5,888	-247	-44	-145	-71	13	
25 to 29 years	6,194	271	-6	157	112	8	
30 to 34 years	7,625	778	236	104	434	4	
35 to 39 years	7,862	300	-42	199	125	18	
40 to 44 years	8,043	516	11	460	15	30	
45 to 49 years	7,642	-35	-145	-53	120	43	
50 to 54 years	6,666	68	60	76	-81	13	
55 to 59 years	7,388	-31	-79	52	-4	0	
60 to 64 years	6,927	-378	-256	-11	-148	37	
65 to 69 years	4,539	-55	-45	87	-97	0	
70 to 74 years	3,359	-8	-87	170	-91	0	
75 years and over	4,939	-140	-98	-1	-41	0	
Total Population:	109,158	2,950	-376	2,211	763	352	

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	5,887	1,151	711	272	83	85
High school graduate (includes equiv)	14,391	-52	-122	-247	317	0
Some college or assoc. degree	24,284	170	990	-316	-504	0
Bachelor's degree	17,993	1,137	101	1,110	-74	0
Graduate or professional degree	11,534	-48	81	92	-221	0
Total:	74,089	2,358	1,761	911	-399	85

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	44,849	44,849
Moved Within Same County	32,013	49,214
Moved to Different County, Same State	64,176	26,624
Moved Between States	41,296	23,580
Total Population:	43,800	43,894

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

Table 23: Median Age of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago	36.8	36.8
Moved Within Same County	31.7	29.5
Moved to Different County, Same State	29.6	33.8
Moved Between States	27.7	32.7
Moved from Abroad	13.4	
Total Population:	35.3	36.1

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

References and Sources

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

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

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

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

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