Kerman, California

Indicators Report

by
The National Economic Education Delegation (NEED)

April 20, 2024

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

This report was produced by the:

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Executive Summary

Assessing the City with Indicators

About this Report

This report provides background or summary information for the city of Kerman (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 Kerman. These indicators are compared to Fresno County (the County) as a whole, a broader region where one is well defined, California, and the United Sates.

This report is vital for understanding trends in the underlying economy. It does not provide forecasts, but Rob Eyler and Jon Haveman at Economic Forensics and Analytics are available to provide them if that is of interest.

Topics Covered:

- Demographics: A detailed snopshot of Kerman demographics is presented. This provides evidence on the size, age and sex, income and poverty status, race and ethnicity, housing status, living arrangements, education, health, and transportation choices of the population. Beyond the current population level, data on trends in local population growth, in comparison with other broader regions is presented, in both tabular and graphical form.
- **Employment Report:** Here, we provide a brief snapshot or employment and unemployment in Kerman 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 Kerman, along with information on how long the City's residents have been in place.
- Transportation: Increasingly important, in the wake of the pandemic, is an understanding of the transportation patterns and choices of local residents. We provide detailed evidence on the proprotion of residents who work from home and on the various transportation choices of those who head to the office. This information is also provided for those who work in Kerman, but do not necessarily live in Kerman.
- **Migration:** Population changes comes primarily through organic causes: births and deaths. Migration between regions also plays a significant role in population growth. A final section of the report provides evidence on migration into and out of the City.

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Demographics

Definition:

Data on the demographics of a city indicate the nature of the population, with a focus on age, gender, race and ethnicity, as well as household compositon.

Why is it important?

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

A Demographic Snapshot

Statistic	2022	2019
POPULATION		
Population Estimate (#, 5yr)	15,980.0	14,816.0
Veterans (#, 5yr)	210.0	383.0
Foreign born persons (%, 5yr)	27.3	30.6
Population age 25+ (#, 5yr)	8,921.0	8,366.0
AGE AND SEX		
Persons under 5 years (%, 5yr)	7.8	9.1
Persons under 18 years (%, 5yr)	32.9	32.6
Persons 65 years and over (%, 5yr)	7.6	10.2
Female persons (%, 5yr)	50.6	50.2
INCOME AND POVERTY	50.050.0	40 440 0
Median household income (\$, 5yr)	53,956.0	46,449.0
Per capita income in past 12 months (\$, 5yr)	21,308.0	17,843.0
Persons in poverty (%, 5yr)	21.9	20.0
Children age less than 18 in poverty (#, 5yr)	1,364.0	1,294.0
Children age less than 18 in poverty (%, 5yr)	28.1	28.9
RACE AND ETHNICITY	20.6	60.4
White alone (%, 5yr)	38.6	68.4
African American alone (%, 5yr)	0.4 2.1	0.4
American Indian or Alaska Native alone (%, 5yr)	7.1	0.8 4.3
Asian alone (%, 5yr) Native Hawaiian and Other Pacific Islander alone (%, 5yr)	0.0	0.0
Two or More Races (%, 5yr)	22.0	3.1
Hispanic or Latino (%, 5yr)	81.7	81.8
White alone, not Hispanic or Latino (%, 5yr)	9.8	12.3
HOUSING	9.0	12.3
Housing units (#, 5yr)	4,551.0	3,983.0
Owner-occupied housing units (%, 5yr)	47.6	54.7
Median value of owner-occupied housing units (\$, 5yr)	297,900.0	224,500.0
Median selected monthly owner costs-with a mortgage (\$, 5yr)	1,670.0	1,481.0
Median selected monthly owner costs-without a mortgage (\$, 5yr)	536.0	457.0
Median gross rent (\$, 5yr)	1,118.0	900.0
FAMILIES AND LIVING ARRANGEMENTS	1,110.0	000.0
Households (#, 5yr)	4,446.0	3,902.0
Persons per household (#, 5yr)	3.6	3.8
Living in same house 1 year ago, % of persons age 1+ (5yr)	91.6	91.5
EDUCATION		
High school graduate or higher, % of persons age 25+ (5yr)	57.9	58.0
Bachelor's degree or higher, % of persons age 25+ (5yr)	13.2	7.5
HEALTH		
With a disability, under age 65 years (#, 5yr)	1,376.0	1.001.0
Persons without health insurance, under age 65 years (%, 5yr)	8.8	7.4
LABOR FORCE		
In civilian labor force, persons age 16+ (%, 5yr)	61.1	63.6
In civilian labor force, women age 16+ (%, 5yr)	54.3	51.6
Employed, persons age 16+ (%, 5yr)	52.2	57.1
Self employed (%, 5yr)	4.7	3.3
TRANSPORTATION		
Mean travel time to work, workers age 16+ (Mins., 5yr)	24.9	24.4
Drive alone in private vehicle (%, 5yr)	80.0	81.1
Using public transportation (%, 5yr)	0.0	0.4
Worked from home (%, 5yr)	3.2	4.1

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

Current Population

The data in these two tables and the following two graphs are from the CA Department of Finance (DOF). The DOF produces population estimates for geographies around California twice a year: January and July. As estimates for cities are only available in January, these two tables are based on the January data. The remaining figures are from the American Community Survey (ACS), provided annually by the U.S. Bureau of the Census.

Table 1. Population Change by Region

(Thousands, January to January)

	2023		nge							
Region	Population	1 Year	Year 3 Year 5 Ye							
	С	ity								
Kerman	16,955	2.11	6.49	12.31						
County and Broader Regions										
Fresno County	1,011,499	0.17	-0.86	0.42						
South Central Valley	3,534,481	0.01	-0.90	0.05						
California	38,940,231	-0.35	-1.79	-2.01						

Source: CA DOF; Calculations by National Economic Education Delegation

Table 2. County Population Change by City

(Thousands, January to January)

				% Change	
City	2022	2023	Local	South Central Valley	California
Fresno County	1,009.8	1,011.5	0.17	0.01	-0.35
Fresno	542.8	543.4	0.11		
Clovis	123.5	124.5	0.80		
Sanger	26.3	26.2	-0.23		
Reedley	24.9	25.4	1.75		
Selma	24.4	24.3	-0.22		
Coalinga	17.3	17.2	-0.52		
Kerman	16.6	17.0	2.11		
Parlier	14.5	14.4	-0.48		
Kingsburg	12.4	12.9	3.48		
Mendota	12.5	12.5	-0.10		
Orange Cove	9.5	9.5	-0.71		
Firebaugh	8.4	8.5	0.89		
Fowler	6.9	7.2	3.34		
Huron	6.2	6.1	-0.71		
San Joaquin	3.6	3.6	-0.72		

Source: CA DOF; Calculations by National Economic Education Delegation

Figure 1: Population Growth (1)

20

0

1990
2000
2010
2020
2030

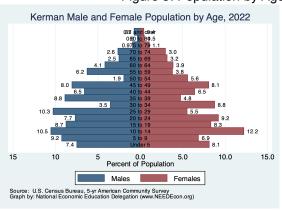
Year, through 2023

Kerman (25.1%)
California (4.6%)

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

Figure 2: Population Growth (2) (Over 1, 5 and 32 years, through 2023) Annual Growth Rate (%), to 2023 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0 -1.0 1 Year 5 Years 32 Years Kerman Fresno County California Source: U.S. Bureau of Economic Analysis Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 3: Population by Age - Detailed Age Categories



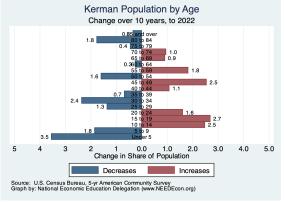
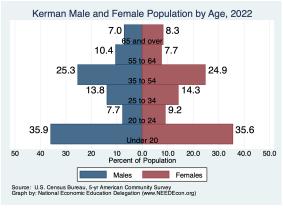


Figure 4: Population by Age - Broad Age Categories



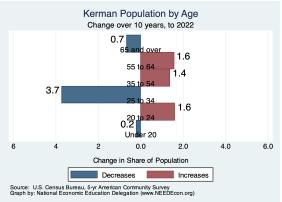


Figure 5: Population by Educational Attainment

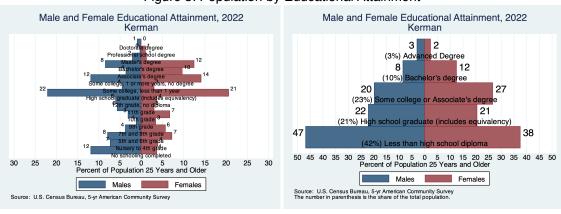


Figure 6: Population by Race/Ethnicity

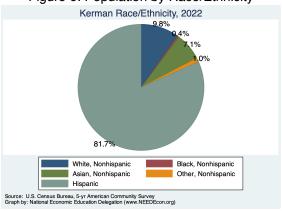
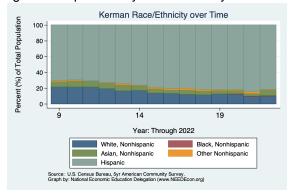


Figure 7: Population by Race/Ethnicity Over Time



Employment Report

Citywide Employment and Unemployment

Definition:

Each month, California's Employment Development Division (EDD) publishes an update on employment in California and in MSAs, counties, and cities all across the state. The report focuses primarily on non-farm employment, providing estimates of changes in em-

ployment by industry as well as unemployment in each region. Data for cities is limited to aggregate employment, labor force, and unemployment data. Those are reported below.

Why is it important?

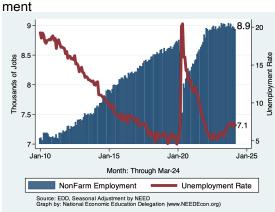
Employment growth is a fundamental indicator of the health of an economy.

Table 3. Kerman Summary for March, 2024

	Change From:							
Category	Current Value	Last Month	2 Months Ago	Last Year				
Employment	8,924	-30	-53	-103				
Labor Force	9,644	9	15	96				
Number Unemployed	678	-4	21	97				
Unemployment Rate	7.0	-0.0	0.2	0.9				

Source: EDD, National Economic Education Delegation

Figure 8: Historical Employment and Unemploy- Figure 9: Employment and Unemployment - Last



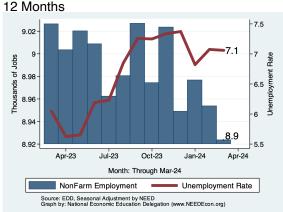
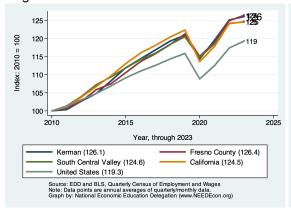
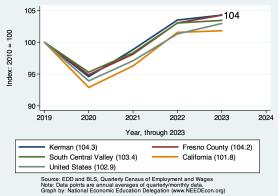


Figure 10: Relative Employment Growth Across Figure 11: Relative Employment Growth Across Regions - since 2010 Regions - since 2019





County Employment by Industry

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

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

Empl % Growth - Annualized Ra							Rate		
Industry	Employment	Share	Growth	Month	Qtr	6mo	1yr	3yr	5yr
Total Nonfarm	394,605	100.0	1,539.3	4.8	3.3	3.8	2.9	4.3	1.9
Total Private	315,531	80.0	1,168.0	4.6	1.4	3.3	2.4	4.2	2.1
Goods Producing	50,339	12.8	-22.4	-0.5	-3.7	2.3	3.7	3.4	2.4
Mining, Logging and Construction	23,356	5.9	355.8	20.2	-0.8	2.0	5.3	5.9	4.8
Mining and Logging	300	0.1	0.0	0.0	0.0	0.0	50.0	16.7	10.0
Construction	23,137	5.9	412.6	24.1	0.8	2.4	4.9	5.7	4.7
Manufacturing	27,237	6.9	-2.5	-0.1	-1.6	5.0	2.3	1.7	0.9
Durable Goods	8,650	2.2	-40.4	-5.4	-5.0	-3.9	-3.3	-1.4	-0.8
Non-Durable Goods	18,549	4.7	31.5	2.1	-0.2	9.0	5.1	3.4	1.8
Service Providing	343,681	87.1	1,093.8	3.9	3.9	3.6	2.7	4.4	1.8
Trade, Trans & Utilities	77,528	19.6	307.8	4.9	2.2	3.7	1.8	2.3	2.4
Wholesale Trade	15,900	4.0	0.0	0.0	0.0	-2.5	0.6	3.5	2.4
Retail Trade	40,665	10.3	212.8	6.5	1.1	1.8	1.2	1.7	1.0
Trans & Warehousing	18,062	4.6	149.5	10.5	13.3	11.2	5.3	3.4	6.3
Information	2,700	0.7	200.0	151.8	16.3	-7.0	-18.2	-1.2	-4.1
Financial Activities	12,450	3.2	-19.8	-1.9	-16.1	-2.4	0.1	-2.2	-2.6
Finance & Insurance	7,265	1.8	50.6	8.8	-21.8	-3.7	-1.3	-5.0	-4.6
Real Estate & Rental & Leasing	5,135	1.3	-97.0	-20.1	-8.2	-2.4	2.0	2.8	1.2
Professional & Business Srvcs	33,264	8.4	368.7	14.3	4.8	4.9	-0.1	2.0	-0.7
Prof, Sci, & Tech	11,725	3.0	-93.1	-9.1	-0.0	-2.9	-1.7	1.1	0.5
Admin & Support Srvcs	16,767	4.2	387.7	32.4	5.4	9.9	-0.9	1.7	-2.9
Educational & Health Srvcs	86,081	21.8	254.2	3.6	5.4	4.1	4.6	5.7	3.9
Education Srvcs	4,635	1.2	-100.1	-22.6	-13.1	-9.7	-3.3	12.0	3.0
Health Care & Social Assistance	81,407	20.6	302.9	4.6	7.0	4.9	5.2	5.4	4.0
Leisure & Hospitality	38,392	9.7	-87.5	-2.7	-2.7	1.1	1.6	9.4	1.6
Accommodation & Food Srvcs	32,848	8.3	-108.5	-3.9	-4.3	-1.6	-0.6	6.7	0.6
Other Srvcs	14, 494	3.7	43.6	3.7	4.5	4.2	2.8	9.7	4.5
Government	78,831	20.0	161.0	2.5	6.3	5.8	4.7	4.5	0.9
Federal	9,622	2.4	9.7	1.2	3.1	-0.5	1.4	-2.1	-1.0
State	12,792	3.2	-16.2	-1.5	0.2	1.1	2.4	2.3	0.1
Local	56,423	14.3	175.5	3.8	8.3	8.0	5.9	6.6	1.6
County	8,245	2.1	168.4	28.1	12.6	10.1	6.3	1.5	1.1
City	6,666	1.7	-9.3	-1.7	4.1	10.1	6.4	6.0	3.3
Local Government Education	38,286	9.7	90.1	2.9	7.9	5.7	6.1	7.8	1.5

Source: EDD, National Economic Education Delegation (NEED)

Some Employee Detail

Employed in Kerman

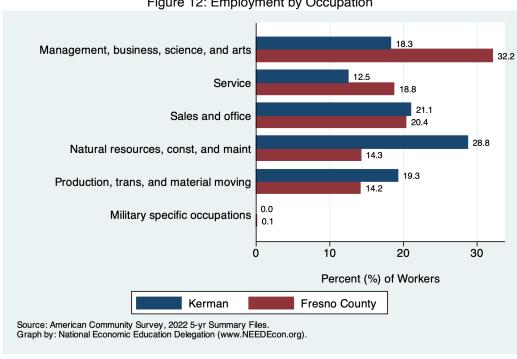
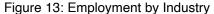
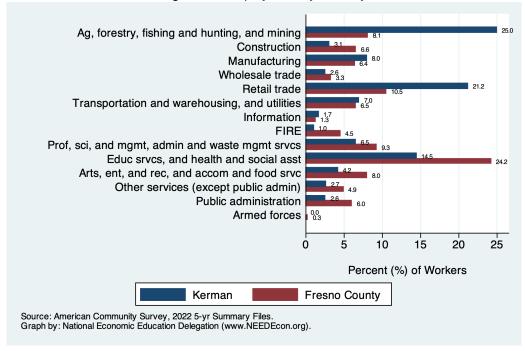


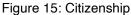
Figure 12: Employment by Occupation

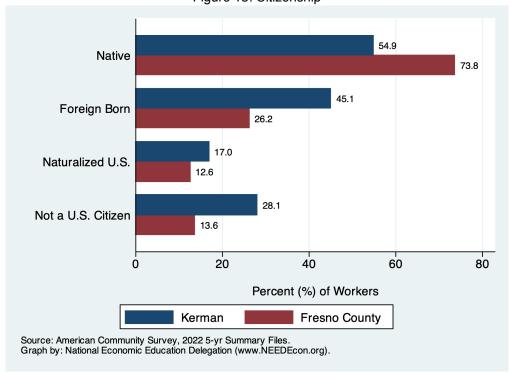




Speak only English 53.8 Speak Spanish (SS) 35.6 SS - English very well SS - English less than very well Speak other languages (SOL) 10.6 SOL - English very well SOL - English less than very well 20 40 60 Percent (%) of Workers Kerman Fresno County Source: American Community Survey, 2022 5-yr Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 14: Language Spoken at Home





Employed Residents of Kerman

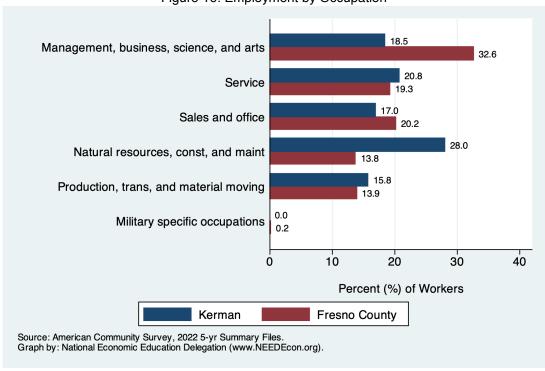
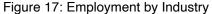
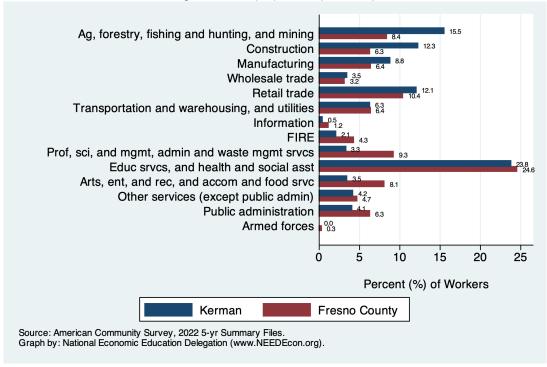


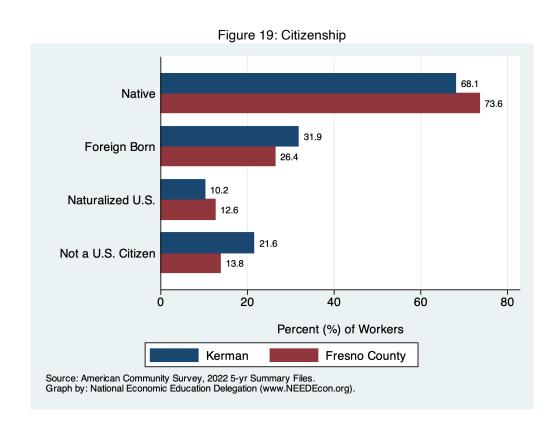
Figure 16: Employment by Occupation





Speak only English 54.1 74.4 Speak Spanish (SS) 34.8 52.5 SS - English very well 20.4 SS - English less than very well Speak other languages (SOL) SOL - English very well SOL - English less than very well 20 40 60 80 Percent (%) of Workers Kerman Fresno County Source: American Community Survey, 2022 5-yr Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 18: Language Spoken at Home



Employed Residents vs Workers in Kerman

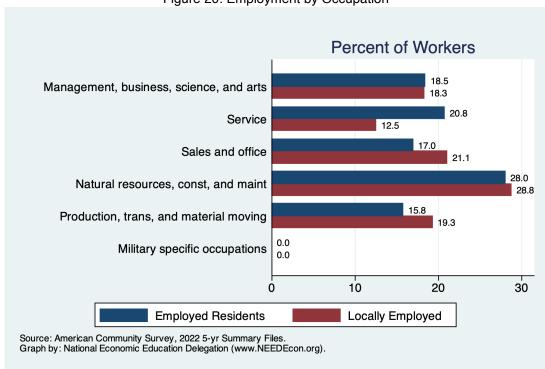
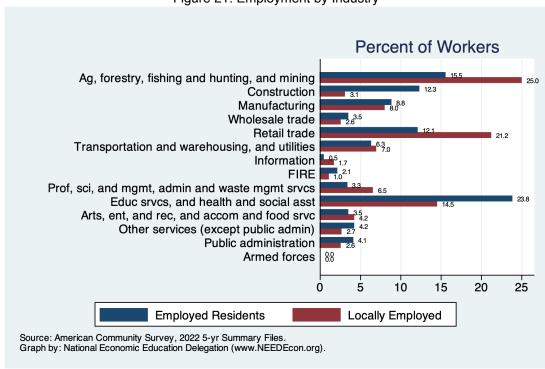


Figure 20: Employment by Occupation

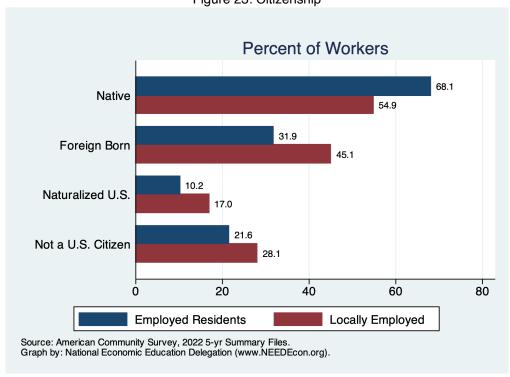




Percent of Workers Speak only English 74.4 Speak Spanish (SS) 64.6 52.5 SS - English very well SS - English less than very well 33.2 Speak other languages (SOL) SOL - English very well SOL - English less than very well 20 40 60 80 **Employed Residents** Locally Employed Source: American Community Survey, 2022 5-yr Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org).

Figure 22: Language Spoken at Home





Income and Earnings

Per Capita Income Growth

Definition:

Per capita income is the average income per person in Kerman. Personal income is the income received by, or on behalf of, all persons from all sources: from participation as laborers in production, from owning a home or unincorporated business, from the ownership of financial assets, and from government and business in the form of transfer receipts. Noncash government benefits are not included.

Why is it important?

Income is the money that is available to persons for consumption expenditures, taxes, interest payments, transfer payments to governments and the rest of the world, or for saving. As such, it is an important indicator of economic well-being in a community.

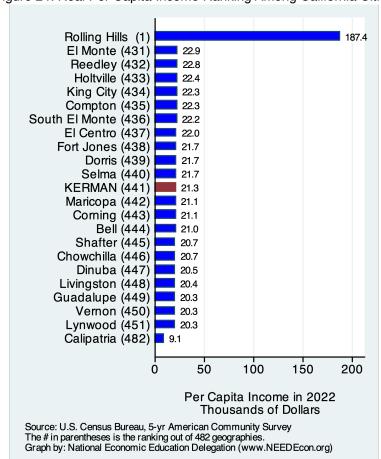
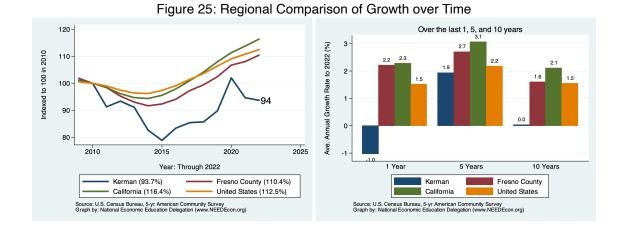
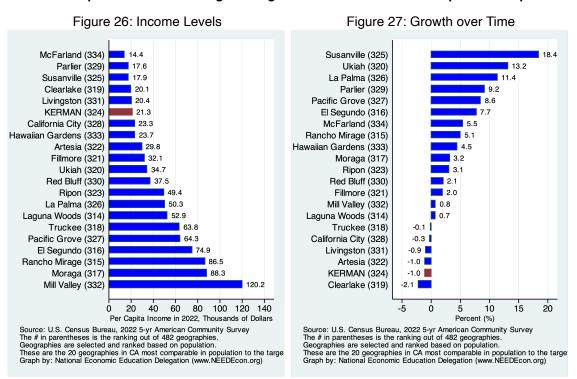


Figure 24: Real Per Capita Income Ranking Among California Cities



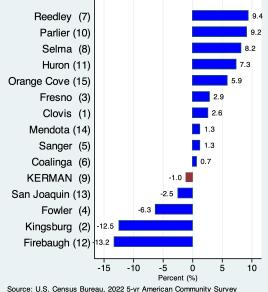
Real Per Capita Income Ranking Among California Cities - w/Comparable Populations



Real Per Capita Income Ranking Among Cities in Fresno County

Figure 28: Income Levels Orange Cove (15) 12.3 Mendota (14) San Joaquin (13) Firebaugh (12) 13.8 Huron (11) Parlier (10) KERMAN (9) 21.3 Selma (8) Reedley (7) 22.8 Coalinga (6) Sanger (5) Fowler (4) Fresno (3) Kingsburg (2) 32.2 Clovis (1)

Figure 29: Growth over Time



Source: U.S. Census Bureau, 2022 5-yr American Community Survey The # in parentheses is the ranking out of 15 geographies. Geographies are selected and ranked based on population. These are the cities in the same county as the target city. Graph by: National Economic Education Delegation (www.NEEDEcon.org)

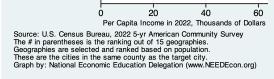
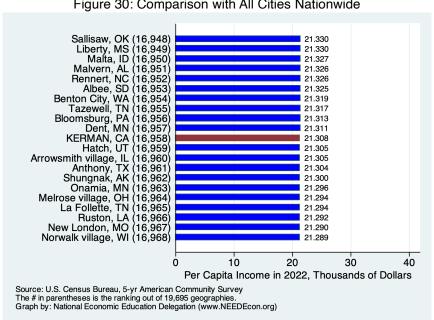


Figure 30: Comparison with All Cities Nationwide



Poverty and Inequality

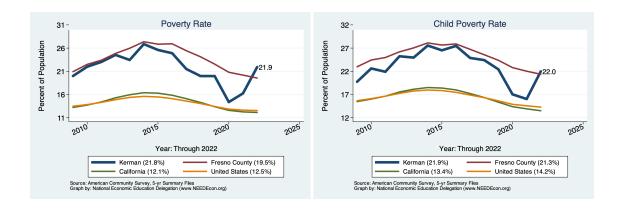
Definition:

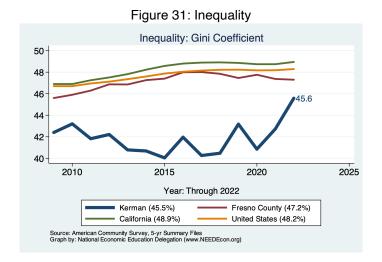
The local poverty rate provides an indication of the well-being of those at the bottom of the income distribution. The federal poverty rate measures the proportion of households in the region that are classified as living in poverty. Also included are measures of the extent to which the City's children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

further evidence on disparities in income in the region and how those disparities have changed over time.

Why is it important?

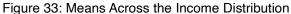
It is important to track measures of poverty and inequality to assess the extent of income disparities in the region, with an eye toward understanding how well the local economy is performing for all of its citizens.

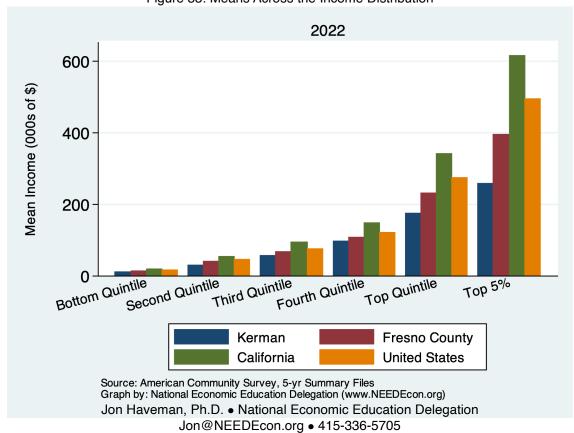




2022 50 Percent of All Income 40 30 20 10 0 Second Quintile Third Quintile Top Quintile Bottom Quintile Fourth Quintile Top 5% Kerman Fresno County California **United States** Source: American Community Survey, 5-yr Summary Files Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 32: Shares Across the Income Distribution





Housing

Housing Costs and Affordability

Definition:

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

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

Why is it important?

Housing is one of three fundamental necessities, along with food and clothing. A measure of the cost of housing is an integral part of the measurement of the cost of living in a specific community. This is particularly true in cities and regions throughout the Bay Area, where housing costs are high relative to income.

Cost of Housing in Kerman and Broader Regions

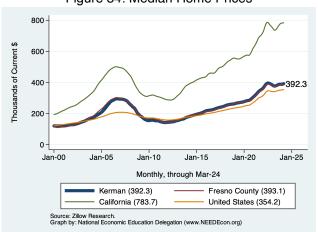


Figure 34: Median Home Prices

Figure 35: Median Rents



Housing Ownership in Kerman and Broader Regions

Figure 36: Home Ownership Rates

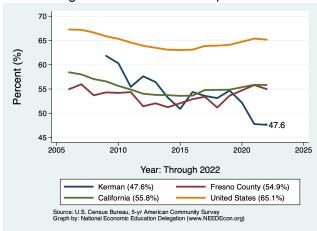


Figure 37: Home Ownership by Age

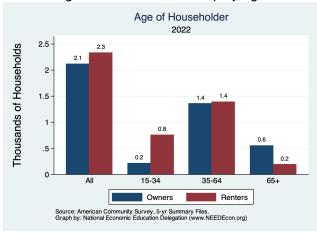


Figure 38: Income by Tenure

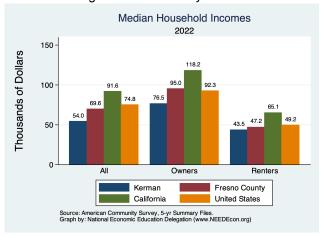


Figure 39: Income Distribution by Tenure

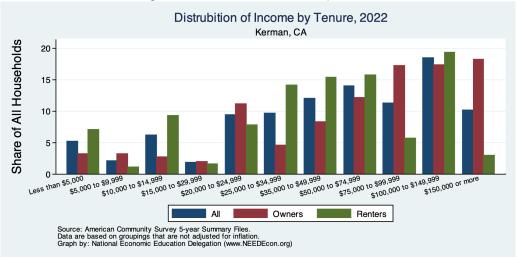


Figure 40: Income Distribution of Home Owners

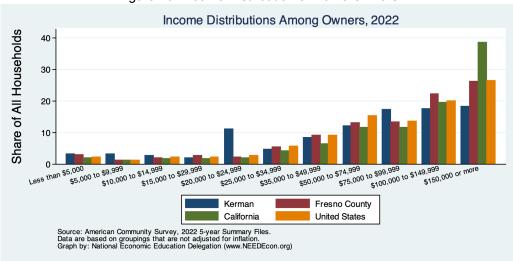
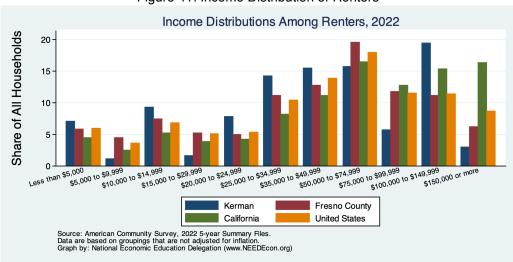


Figure 41: Income Distribution of Renters



Housing Burden in Kerman and Broader Regions

Figure 42: Home Owners w/ A Mortgage

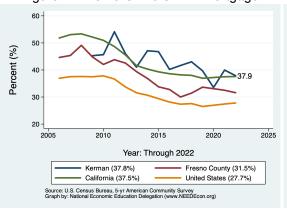


Figure 43: Home Owners w/o A Mortgage

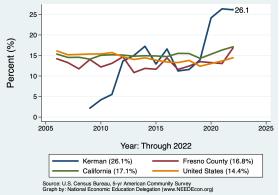


Figure 44: Renters

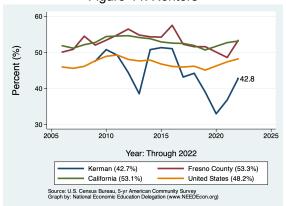
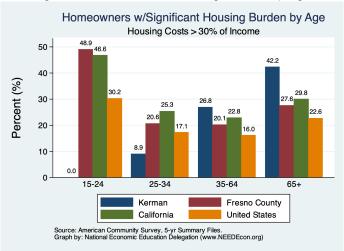


Figure 45: Homeowner Housing Burden by Age



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

				% Cha	ange from
Indicator	2023	2019	2010	2019	2010
Total Population	16,955.0	15,767.0	13,544.0	7.5	25.2
Total # of Homes	4,880.0	4,310.0	3,908.0	13.2	24.9
# Occupied Units	4,775.0	4,229.0	3,692.0	12.9	29.3
Persons per Household	3.5	3.7	3.7	-4.8	-3.2
Vacancy Rate (%)	2.2	1.9	5.5	14.5	-61.1

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

Figure 46: Housing Growth

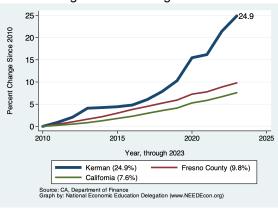


Figure 47: Persons per Household

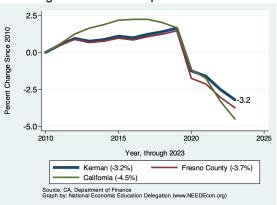


Figure 48: Vacancy Rates

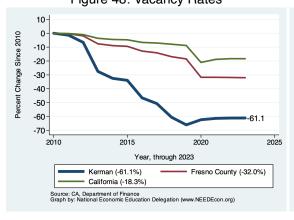
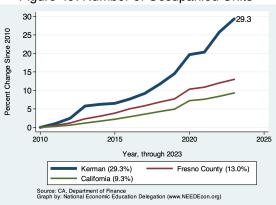


Figure 49: Number of Occupanied Units

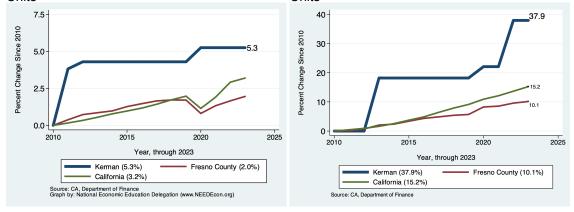


Trends in the Growth of Housing by Housing Type

Figure 50: Single Detached Homes Figure 51: Single Attached Homes 30 10.0 Percent Change Since 2010 Percent Change Since 2010 25 7.5 20 15-5.0 10-2.5 0 0.0 2010 2020 2025 2010 2015 2020 Year, through 2023 Year, through 2023 Kerman (28.4%) Fresno County (12.0%) Kerman (7.0%) Fresno County (7.4%) California (5.8%) California (9.3%) Source: CA, Department of Finance Graph by: National Economic Education Delegation (www.NEEDEcon.org) Source: CA, Department of Finance Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Figure 52: Housing in Buildings with Two to Four Figure 53: Housing in Buildings with Five or More Units

Units



Vintage of Residential Housing

Why is it important?

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

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

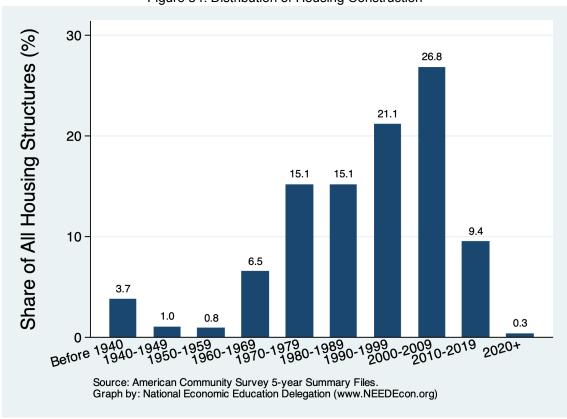


Figure 54: Distribution of Housing Construction

Figure 55: Housing Vintage across Regions

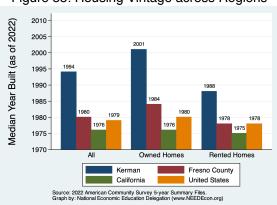


Figure 56: Housing Vintage by Tenure

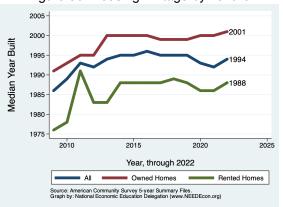


Figure 57: Vintage of Owned Residences

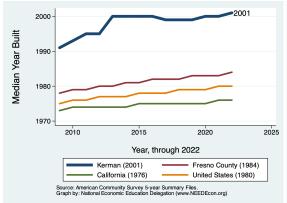


Figure 58: Vintage of Rented Residences

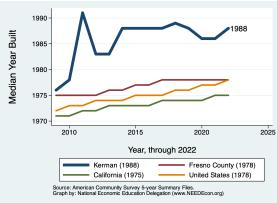
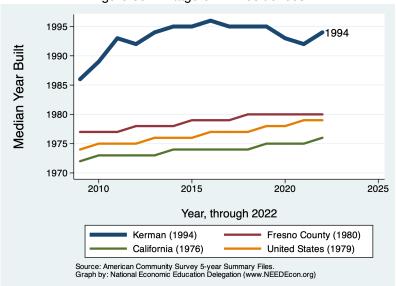


Figure 59: Vintage of All Residences



Occupation of Residential Housing

Why is it important?

The duration of residence in a city is important for developing future policies regarding growing the local population. If a region is highly mobile, evidenced by most residences having been recently occupied, a city might propose policies to reduce that mobility, or ask why the mobility happens. Policies could be put in place to either reduce or increase migration.

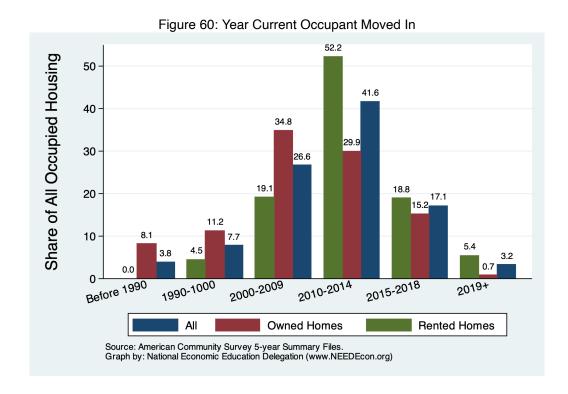


Figure 61: Year Occupied by Current Residents Figure 62: Year Occupied by Current Residents across Regions by Tenure

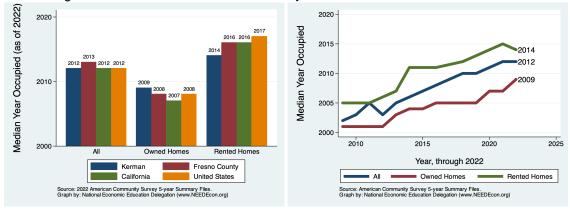


Figure 63: Year Occupied by Current Residents Figure 64: Year Occupied by Current Residents for Owned Housing for Rented Housing

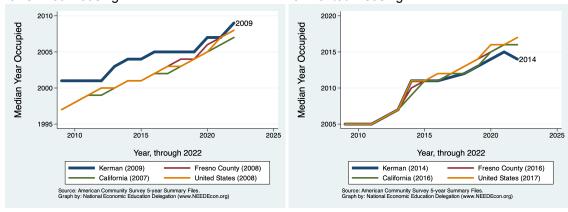


Figure 65: Year Occupied by Current Residents for All Housing 2015 Median Year Occupied 2012 2010 2005 2000 2020 2010 2015 2025 Year, through 2022 Fresno County (2013) Kerman (2012) United States (2012) California (2012) Source: American Community Survey 5-year Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Residential Permitting

Definition:

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

Kerman - Ranking Among Comparables

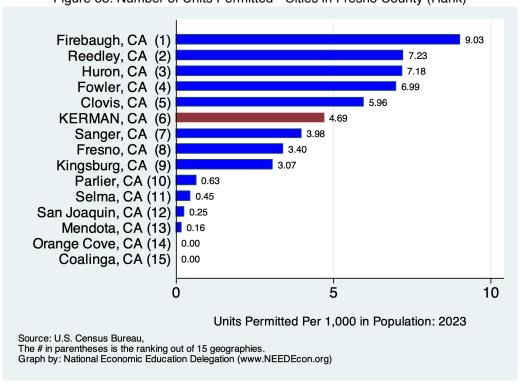
Taylor Unincorporated Area, GA (2,983) Fortuna, CA (2,984) Brevard Unincorporated Area, FL (2,985) Brevard Unincorporated Area, FL .986 Cohoes, NY Mecklenburg Unincorporated Area, VA .987 Williamsville village, IL Weatherford, TX .988 .989 Hillsboro, TX 990 4.70 Huntsville town, U7 991 Sabine Parish, L KERMAN, CA Whitewater, WI 4.69 4.69 .994 Tate Unincorporated Area, MS 4 69 ,995) Bettendorf, IA ,996 4.69 Floyd Unincorporated Area, IN Colorado City town, AZ Burt Unincorporated Area, NE 998 (2,999 4.69 Sand City, CA (3,000) Jefferson, TX (3,001) 4.68 4.68 Perth Amboy, NJ 4.68 Barrington Hills village, IL (3,003) 4.68 2 0 Units Permitted Per 1,000 in Population: 2023 Source: U.S. Census Bureau The # in parentheses is the ranking out of 14338 geographies Graph by: National Economic Education Delegation (www.NEEDEcon.org)

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

Paradise town, CA 86.39 Lemoore, CA 5.05 Perris, 5.02 Moreno Valley, CA 5.02 Sacramento, 4.91 Monte Sereno, CA 4.87 Santa Cruz, 4.82 Rancho Mirage, 4.80 Victorville, 4.72 Fortuna, 4.71 KERMAN, 4.69 Sand City, 4.68 Portola Valley town, CA Santa Ana, Santa Clarita, 4.62 4.60 Vacaville, CA Woodland, CA 4.49 4.43 Lancaster, CA (89) Fairfield, CA (90) Guadalupe, CA (91) 4.42 4.34 4.30 Dorris, CA (515) 0.00 20 30 50 70 80 90 0 10 40 60 **Units Permitted** Per 1,000 in Population: 2023 Source: U.S. Census Bureau. The # in parentheses is the ranking out of 515 geographies. Graph by: National Economic Education Delegation (www.NEEDEcon.org)

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





Kerman - Permitting Activity

Annual Units Permitted - Per Capita in Kerman

Figure 69: Units Permitted Each Year

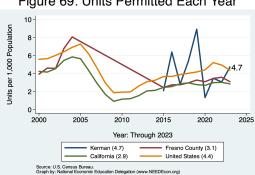
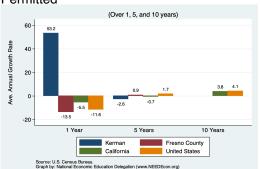


Figure 70: Average Annual Growth in Units Permitted

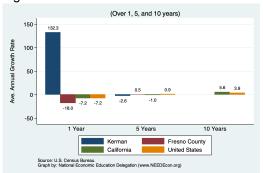


Annual Number of Buildings Permitted - Per Capita in Kerman

Figure 72: Average Annual Growth in Buildings Permitted

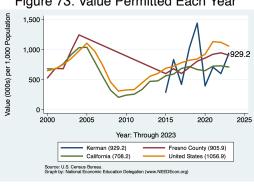
Figure 71: Units Permitted Each Year





Annual Value of Property Permitted - Per Capita in Kerman

Figure 73: Value Permitted Each Year



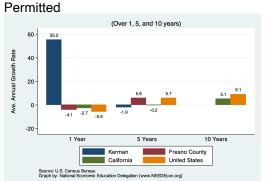


Figure 74: Average Annual Growth in Value

Commute Patterns

During the recovery from the Great Recession, the period from 2010 to 2019, the Bay Area economy, and Silicon Valley in particular, has been growing at a pace roughly double that of the state as a whole and triple that of the nation. This growth has precipitated a tight hous-

ing market and also brought about some significant changes in commute patterns, many of which have been reversed by the pandemic. Recent years have seen significant changes in both the mode of transportation and commute times.

Mode of Transportation

Figure 75: Percent of Workers Commuting by Figure 76: Percent of Workers Commuting by Car Alone Carpool

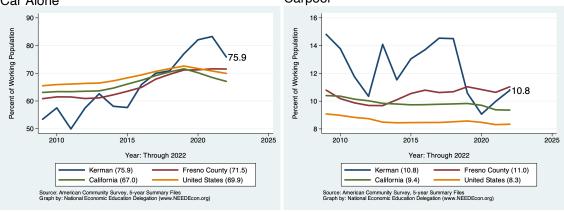
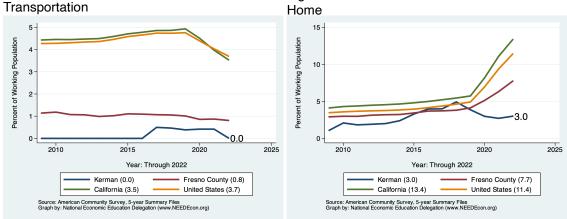


Figure 77: Percent of Workers using Public Figure 78: Percent of Workers Who Work From



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

	Ma	Male Female All Workers							
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)		
Car, Truck, or Van:	3, 148	86.0	2,253	87.6	5,401	86.7	78.0		
Drove Alone	2,835	77.5	1,894	73.6	4,729	75.9	68.4		
Carpooled:	313	8.6	359	14.0	672	10.8	9.5		
In 2-person carpool	149	4.1	243	9.4	392	6.3	6.9		
In 3-person carpool	71	1.9	89	3.5	160	2.6	1.5		
In 4-or-more-person carpool	93	2.5	27	1.0	120	1.9	1.1		
Public Transportation (excl Taxi):	1	0.0	0	0.0	1	0.0	3.6		
Bus or Trolley Bus	1	0.0	0	0.0	1	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	43	1.2	0	0.0	43	0.7	0.7		
Walked	10	0.3	107	4.2	117	1.9	2.4		
Taxicab, Motorcycle, or other	86	2.3	16	0.6	102	1.6	1.7		
Worked at Home	85	2.3	102	4.0	187	3.0	13.6		
Total:	3,373	92.2	2,478	96.3	5,851	93.9			

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

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

	Male		Fem	Female		All Workers	
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	2,407	90.1	1,337	65.4	3,744	80.5	78.0
Drove Alone	1,926	72.1	1,163	56.9	3,089	66.4	68.5
Carpooled:	481	18.0	174	8.5	655	14.1	9.5
In 2-person carpool	150	5.6	78	3.8	228	4.9	6.9
In 3-person carpool	109	4.1	69	3.4	178	3.8	1.5
In 4-or-more-person carpool	222	8.3	27	1.3	249	5.4	1.1
Public Transportation (excl Taxi):	17	0.6	9	0.4	26	0.6	3.6
Bus or Trolley Bus	17	0.6	0	0.0	17	0.4	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	0	0.0	9	0.4	9	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	43	1.6	0	0.0	43	0.9	0.7
Walked	31	1.2	69	3.4	100	2.1	2.4
Taxicab, Motorcycle, or other	87	3.3	16	0.8	103	2.2	1.7
Worked at Home	85	3.2	102	5.0	187	4.0	13.6
Total:	2,670	100.0	1,533	75.0	4,203	90.3	

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, SF)	X OF WORKER	S BY TRAVEL	TIME TO	WORK

	Ма	ıle	Fen	Female		All Workers	
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Less than 5 minutes	187	5.2	54	2.2	241	4.0	2.0
5 to 9 minutes	678	18.9	488	19.7	1,166	19.2	7.5
10 to 14 minutes	183	5.1	58	2.3	241	4.0	12.2
15 to 19 minutes	353	9.9	183	7.4	536	8.8	15.0
20 to 24 minutes	190	5.3	463	18.7	653	10.8	14.3
25 to 29 minutes	246	6.9	76	3.1	322	5.3	6.3
30 to 34 minutes	487	13.6	560	22.6	1,047	17.3	15.0
35 to 39 minutes	315	8.8	135	5.4	450	7.4	2.9
40 to 44 minutes	200	5.6	177	7.1	377	6.2	4.3
45 to 59 minutes	116	3.2	86	3.5	202	3.3	8.6
60 to 89 minutes	239	6.7	92	3.7	331	5.5	7.9
90 or more minutes	94	2.6	4	0.2	98	1.6	4.0
Total:	3,288	91.8	2,376	95.7	5,664	93.4	•

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

Figure 79: Percent of Employed Population With Figure 80: Percent of Employed Population With Commutes of More than 30 Minutes

Commutes of More than 90 Minutes

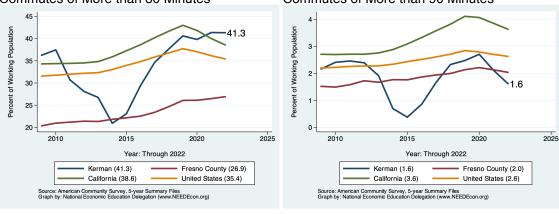
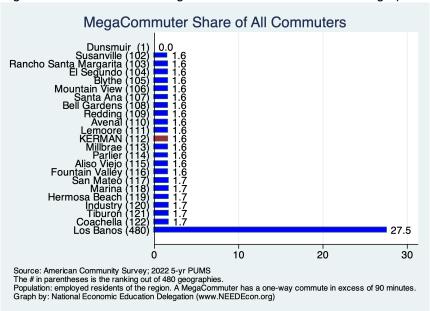


Figure 81: Rank: Share of MegaCommuters Across Similar Geographies



Commute Times for Those Employed in the City

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

WORKFLAG	CL GLOG	NAFIII					
	Male		Fem	Female		All Workers	
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Less than 5 minutes	84	3.2	65	3.3	149	3.3	2.0
5 to 9 minutes	388	15.0	412	21.1	800	17.8	7.5
10 to 14 minutes	279	10.8	202	10.3	481	10.7	12.2
15 to 19 minutes	271	10.5	175	9.0	446	9.9	15.0
20 to 24 minutes	195	7.5	176	9.0	371	8.3	14.3
25 to 29 minutes	263	10.2	32	1.6	295	6.6	6.3
30 to 34 minutes	430	16.6	214	11.0	644	14.4	15.0
35 to 39 minutes	165	6.4	9	0.5	174	3.9	2.9
40 to 44 minutes	122	4.7	60	3.1	182	4.1	4.3
45 to 59 minutes	85	3.3	44	2.3	129	2.9	8.6
60 to 89 minutes	151	5.8	26	1.3	177	3.9	7.9
90 or more minutes	152	5.9	16	0.8	168	3.7	4.0
Total:	2,585	100.0	1,431	73.3	4,016	89.6	

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

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

Figure 82: Percent of Local Employees With Figure 83: Percent of Local Employees With Commutes of More than 30 Minutes

Commutes of More than 90 Minutes

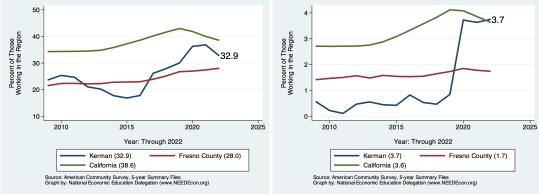
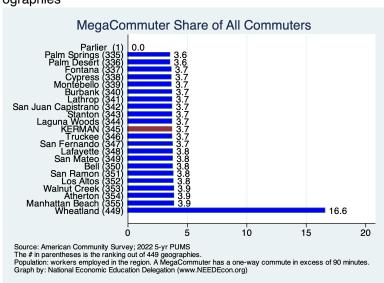


Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



Place of Work

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

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

	Male		Female		All Workers		All of CA
Place of Work	#	(%)	#	(%)	#	(%)	(%)
Worked in state of residence:	3,373	92.2	2,478	96.3	5,851	93.9	99.6
Worked in county of residence	2,993	81.8	2,334	90.7	5,327	85.5	84.1
worked outside of county of residence	380	10.4	144	5.6	524	8.4	15.4
Worked outside state of residence	0	0.0	0	0.0	0	0.0	0.4
Total:	3, 373	92.2	2,478	96.3	5,851	93.9	

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

25 Percent of Working Population 20 15 10 5 2010 2015 2020 2025 Year: Through 2022 Kerman (8.4) Fresno County (8.1) California (15.1) United States (22.0) Source: American Community Survey, 5-year Summary Files Graph by: National Economic Education Delegation (www.NEEDEcon.org)

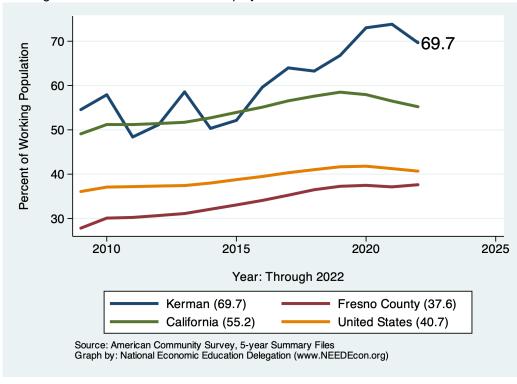
Figure 85: Percent of Workers Employed Outside of Their County of Residence

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

	Male		Fen	Female		All Workers		
Place of Work	#	(%)	#	(%)	#	(%)	(%)	
Living in a place:	3, 373	92.2	2,478	96.3	5,851	93.9	95.9	
Worked in place of residence	909	24.8	600	23.3	1,509	24.2	39.5	
Worked outside place of residence	2,464	67.3	1,878	73.0	4,342	69.7	56.4	
Not living in a place	0	0.0	0	0.0	0	0.0	4.1	
Total:	3,373	92.2	2,478	96.3	5,851	93.9		

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

Figure 86: Percent of Workers Employed Outside of Their Place of Residence



Commute Mode by Income

Table 12. MEDIAN EARNINGS IN THE PAST 12 MONTHS BY MEANS OF TRANSPORTATION TO WORK

	City	California		United States		
	Median	Median	Ratio	Median	Ratio	
Car, truck, or van - drove alone	36,833	48, 566	103.0	46, 171	102.4	
Car, truck, or van - carpooled	19,625	36,463	73.1	34,487	73.1	
Public transportation (excluding taxicab)		40,179		45,100		
Walked	35,391	29,366	163.6	27,142	167.4	
Taxicab, motorcycle, bicycle, or other means		40,433		36,140		
Worked from home	38,594	75, 153	69.7	67,180	73.8	
Total:	35, 899	48,747	73.6	46,099	77.9	

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

Notes: 1) Ratio = the ratio of the regional median to either the CA or US median, relative to the Total ratio. Values above 100 imply a high local median. Values below 100 imply a low local median. For example, a value of 200 means that the local mean is 2x higher than would be expected.

For example, a value of 200 means that the local mean is 2x higher than would be expecte For "Total:", ratio is simply the ratio of the medians.

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

	< \$25	5,000	\$25,000	-\$74,999	\$75,0	000+	Α	II	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	1,644	58.7	1,600	81.4	917	85.5	4,729	75.9	68.4
Car, Truck, or Van: Carpooled	345	12.3	171	8.7	57	5.3	672	10.8	9.5
Public Transportation (excl Taxi)	0	0.0	1	0.1	0	0.0	1	0.0	3.6
Walked	0	0.0	48	2.4	13	1.2	117	1.9	2.4
Taxicab, Motorcycle, or other	59	2.1	36	1.8	50	4.7	145	2.3	2.4
Worked at Home	20	0.7	109	5.5	35	3.3	187	3.0	13.6
Total:	2,068	73.8	1,965		1,072		5,851	93.9	100.0

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

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

	< \$25	5,000	\$25,000	-\$74,999	\$75	,000+	А	II	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	1,402	55.6	892	71.8	425	83.3	3,089	66.4	68.5
Car, Truck, or Van: Carpooled	388	15.4	162	13.0	37	7.3	655	14.1	9.5
Public Transportation (excl Taxi)	0	0.0	17	1.4	0	0.0	26	0.6	3.6
Walked	0	0.0	31	2.5	13	2.5	100	2.1	2.4
Taxicab, Motorcycle, or other	114	4.5	32	2.6	0	0.0	146	3.1	2.4
Worked at Home	20	0.8	109	8.8	35	6.9	187	4.0	13.6
Total:	1,924	76.3	1,243		510		4, 203	90.3	

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

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

²⁾ For regions with more than one geography, the medians are averages weighted by working population.

Commute Mode by Poverty Status

Table 15. MODE OF TRANSPORTATION TO WORK BY POVERTY STATUS

	In P	overty	100-14	9% of Pov	>150%	of Pov	Α	II	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	491	70.1	502	46.0	3,736	76.4	4,729	75.9	68.7
Car, Truck, or Van: Carpooled	209	29.9	39	3.6	424	8.7	672	10.8	9.5
Public Transportation (excl Taxi)	0	0.0	0	0.0	1	0.0	1	0.0	3.6
Walked	0	0.0	56	5.1	61	1.2	117	1.9	2.1
Taxicab, Motorcycle, or other	0	0.0	43	3.9	102	2.1	145	2.3	2.4
Worked at Home	0	0.0	42	3.8	145	3.0	187	3.0	13.6
Total:	700		682	62.5	4,469	91.4	5,851	93.9	

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

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

	In Po	overty	100-14	9% of Pov	>150%	of Pov	А	II	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	507	67.2	459	53.9	2,123	62.0	3,089	66.4	68.7
Car, Truck, or Van: Carpooled	248	32.8	129	15.2	278	8.1	655	14.1	9.5
Public Transportation (excl Taxi)	0	0.0	0	0.0	26	0.8	26	0.6	3.6
Walked	0	0.0	56	6.6	44	1.3	100	2.1	2.1
Taxicab, Motorcycle, or other	0	0.0	67	7.9	79	2.3	146	3.1	2.4
Worked at Home	0	0.0	42	4.9	145	4.2	187	4.0	13.6
Total:	755		753	88.5	2,695	78.8	4,203	90.3	

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 Kerman is a net recipient (migration inflows) or donor (migration outflows) of population is very important for understanding trends in the City's development. This section outlines migration patterns by age, education, income, marital status, and housing tenure. Understanding recent trends is very important for making policy, investment, and other decisions about the future. Also, understanding the extent to which the population is stable, or experiences significant turnover each year is helpful for planning purposes.

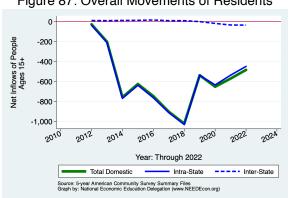


Figure 87: Overall Movements of Residents

Table 17: Migration by Income

		N	et Inflows					
			Same State					
			W/in	Between	Across	From		
Category	Population	All Migration	County	Counties	States	Abroad		
No income	2,759	-11	-28	-5	-16	38		
With income	8,875	-389	-223	-193	-19	46		
\$1 to \$9,999 or loss	1,662	-62	-5	-67	0	10		
\$10,000 to \$14,999	975	2	2	0	0	0		
\$15,000 to \$24,999	1,644	-36	-17	-19	0	0		
\$25,000 to \$34,999	1,093	-71	-32	-56	-19	36		
\$35,000 to \$49,999	1,095	-106	-66	-40	0	0		
\$50,000 to \$64,999	893	-108	-109	1	0	0		
\$65,000 to \$74,999	231	-6	-6	0	0	0		
\$75,000 or more	1,282	-2	10	-12	0	0		
All:	11,634	-400	-251	-198	-35	84		

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

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

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

Figure 88: Overall Movements of Low Income Residents

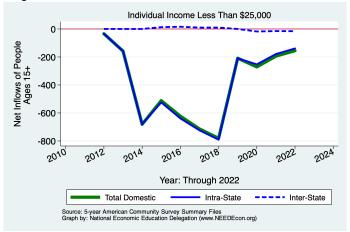


Figure 89: Overall Movements of Middle Income Residents

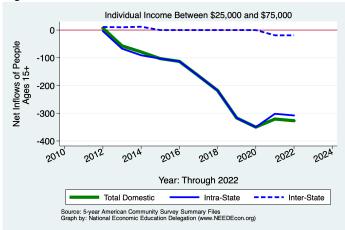
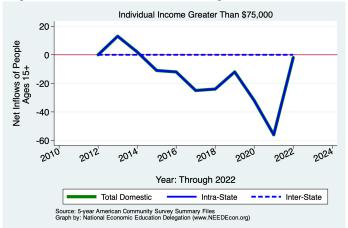


Figure 90: Overall Movements of High Income Residents



Demographics of Migration Flows

Table 18: Migration by Marital Status

		N	et Inflows				
			Same State				
Category	Population	All Migration	W/in County	Between Counties	Across States	From Abroad	
Never married	4,836	-115	-76	-94	-19	74	
Now married, except separated	5,130	-226	-116	-104	-16	10	
Divorced	894	-52	-52	0	0	0	
Separated	380	-12	-12	0	0	0	
Widowed	394	5	5	0	0	0	
Total:	11,634	-400	-251	-198	-35	84	

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

Table 19: Migration by Tenure

Net Inflows							
	Same State						
			W/in	Between	Across	From	
Category	Population	All Migration	County	Counties	States	Abroad	
Householder lived in owner-occupied housing units	7,822	109	152	-53	0	10	
Householder lived in renter-occupied housing units	7,928	-496	-470	-173	73	74	
Total:	15,750	-387	-318	-226	73	84	

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

Figure 91: Domestic Movements of Residents by Tenure

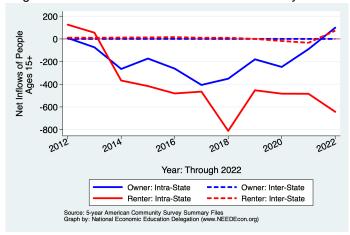


Table 20: Migration by Age

		N	Net Inflows								
			Same	State							
			W/in	Between	Across	From					
Category	Population	All Migration	County	Counties	States	Abroad					
1 to 4 years	1,022	-77	-26	-51	0	0					
5 to 17 years	4,018	24	-124	2	108	38					
18 and 19 years	447	-28	0	-28	0	0					
20 to 24 years	1,350	-169	-46	-104	-19	0					
25 to 29 years	1,258	-20	36	-40	-16	0					
30 to 34 years	988	1	-35	0	0	36					
35 to 39 years	1,082	21	43	-22	0	0					
40 to 44 years	1,038	-190	-191	1	0	0					
45 to 49 years	1,286	43	43	0	0	0					
50 to 54 years	605	33	33	0	0	0					
55 to 59 years	804	-12	-12	0	0	0					
60 to 64 years	641	-40	-44	-6	0	10					
65 to 69 years	456	-6	-6	0	0	0					
70 to 74 years	451	11	11	0	0	0					
75 years and over	312	0	0	0	0	0					
Total Population:	15,758	-409	-318	-248	73	84					

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

Table 21: Migration by Educational Attainment

			Samo	e State		-
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
Less than high school graduate	3,755	45	5	-6	0	46
High school graduate (includes equiv)	1,907	6	6	0	0	0
Some college or assoc. degree	2,082	-188	-148	-40	0	0
Bachelor's degree	932	6	21	1	-16	0
Graduate or professional degree	245	-28	-6	-22	0	0
Total:	8,921	-159	-122	-67	-16	46

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 Moved from Abroad	$26,663 \\ 25,903$	26,663	
Total Population:	26, 540	27, 856	

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

Table 23: Median Age of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago	28.5	28.5
Moved Within Same County	28.8	28.8
Moved to Different County, Same State	16.5	21.4
Moved from Abroad	31.1	
Total Population:	28.3	28.1

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

References and Sources

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

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

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

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