

Eastern Sierra Community Spotlight Report

From 2012 to 2021, foreign-owned companies announced greenfield foreign direct investment (FDI) worth \$59.1 billion in capital expenditures in California. In 2022, the Eastern Sierra Region (Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, and Tuolumne Counties) had the highest industry specialization in the Hospitality and Tourism industry, with a location quotient of 6.37. In terms of innovation, the Eastern Sierra region ranked highly in its business profile, with Tuolumne County ranking 119th in Average Initial Public Offerings out of all 3,110 counties.

Announced Greenfield FDI Projects in California, 2012 to 2021

From 2012 to 2021, foreign-owned companies announced 2,496 greenfield projects in California. No projects were announced in the Eastern Sierra Region.

2,496
projects announced

\$59.1 billion
estimated capital invested

159,330 jobs
estimated jobs created

Source: [fDi Markets](#)

Top Sources of Greenfield FDI Projects in California by Capex, 2012 to 2021

Source Market	Estimated Capex (in U.S. Millions)	Estimated Number of Projects	Estimated Jobs Created
China	\$11,752	187	22,350
United Kingdom	\$7,737	504	25,536
France	\$5,145	158	8,141
Japan	\$4,705	182	14,520
Germany	\$4,482	205	14,088

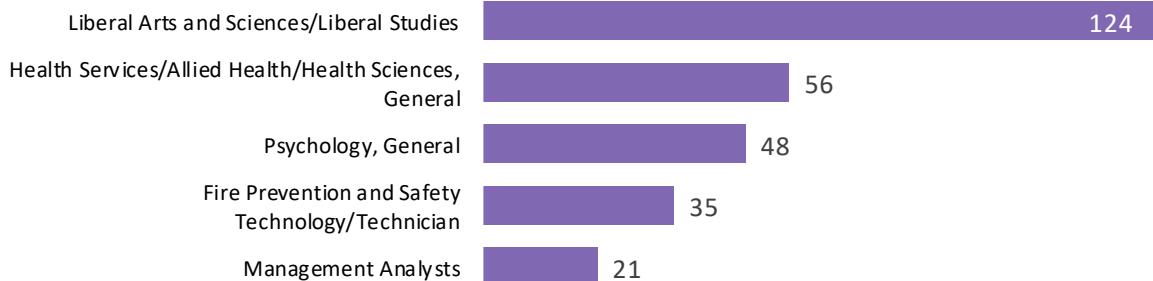
Source: [fDi Markets](#)

Top Sub-Sectors for Greenfield FDI in California, 2012 to 2021

Solar Electric Power 34 projects, \$5,855 M, 1,330 jobs	Software Publishers (Except Video Games) 459 projects, \$5,075 M, 28,737 jobs	Commercial and Institutional Building Construction 9 projects, \$4,305 M, 4,858 jobs
Data Processing, Hosting, and Related Services 36 projects, \$3,118 M, 2,313 jobs	Residential Building Construction 7 projects, \$2,743 M, 3,100 jobs	Biological Products (Except Diagnostic) 56 projects, \$2,672 M, 4,343 jobs

Source: [fDi Markets](#)

Top Education Certificates and Awards in Eastern Sierra, 2020-2021 Academic Year



Source: [JobsEQ by Chmura Economics, 2022 Q2](#)

Top Industry Clusters in Eastern Sierra, 2022 Q1

Industry Cluster	Hospitality and Tourism	Forestry	Nonmetal Mining	Electric Power Generation and Transmission	Metal Mining
Location Quotient	6.37	6.28	5.41	3.67	3.53
Industry Cluster	Hospitality and Tourism	Business Services	Food Processing and Manufacturing	Construction Products and Services	Wood Products
Employment	8,417	1,122	878	564	453
Industry Cluster	Agricultural Inputs and Services	Video Production and Distribution	Performing Arts	Hospitality and Tourism	Environmental Services
10-Year Forecast Employment Growth Rate	31.4%	22.9%	22.3%	19.6%	9.6%

Source: [JobsEQ by Chmura Economics, 2022 Q1](#)

Top Occupation Gaps

2022 Q1

General and Operations Managers	-6
Maintenance and Repair Workers, General	-6
Registered Nurses	-4
Therapists	-3
Medical and Health Services Managers	-3

Top Occupation Surpluses

2022 Q1

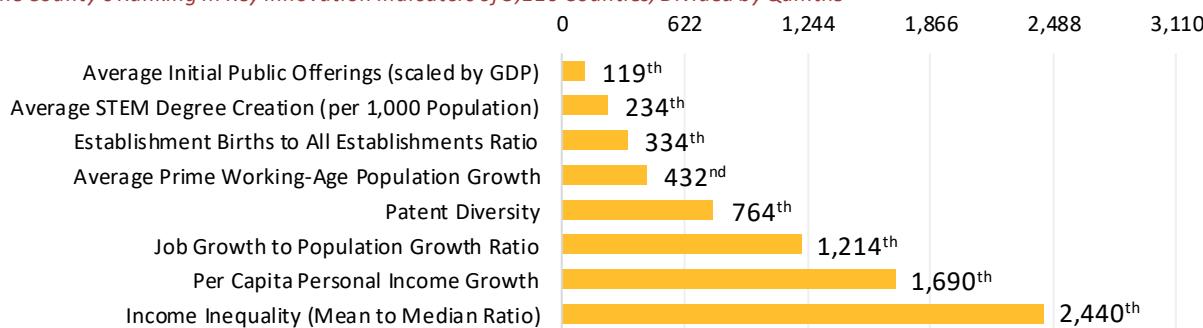
Cashiers	55
Fast Food and Counter Workers	23
Waiters and Waitresses	22
Retail Salespersons	20
Laborers and Material Movers	17

Source: [JobsEQ by Chmura Economics, 2022 Q1](#)

Tuolumne County's Ranking in Key Innovation Indicators

Since StatsAmerica data is only available at the county or MSA level, this section highlights Tuolumne County, which is the most populous county in the Eastern Sierra Region. Tuolumne County ranks 988th of all 3,110 U.S. counties in the headline Innovation Intelligence index.

Tuolumne County's Ranking in Key Innovation Indicators of 3,110 Counties, Divided by Quintile



Source: [StatsAmerica, Innovation Intelligence](#)

Definitions

Average Initial Public Offerings – A sum of the total number of IPOs in a region over the last 10 years, averaged by the region's average GDP.

Average Prime Working-Age Population Growth – The annual average growth rate for the population ages 25 to 44 from 2013 to the latest year available.

Average STEM Degree Creation – The number of STEM degree graduates per 1,000 individuals from institutions of higher learning located in the region, averaged across the most recent three years.

Cluster – A cluster is a regional concentration of related industries that arise out of the various types of linkages or externalities that span across industries in a particular location.

Establishment Births to All Establishments Ratio – The ratio of how many new business establishments are formed relative to all establishments.

Income Inequality (Mean to Median Ratio) – A measure of income inequality calculated by comparing the region's mean household income with the region's median household income to show how income is skewed. Higher values denote more equality between the poorest and richest residents.

Industry Cluster Strength – Measures the degree to which clusters may dominate the employment in the region. May serve as a countermeasure to Industry Diversity.

Job Growth to Population Growth Ratio – A measure indicating whether employment is growing more or less quickly than the general population, from 2002 to the latest year available.

Location Quotient – A location quotient greater than 1 indicates a higher than average cluster concentration in a location.

Occupation Gaps – The potential occupation gaps metric is based on a five-year forecast comparing occupation demand growth to the local population growth and the projected educational attainment of those residents.

Patent Diversity – Compares the diversity of patent making in a region to the U.S. patent diversity score for the latest three years of available data.

Per Capita Personal Income Growth – The average annual rate of change in PCPI from 2013 to the latest year available.

Traded Cluster – Traded clusters are groups of related industries that serve markets beyond the region in which they are located.