

Greater Sacramento Community Spotlight Report

From 2012 to 2021, foreign owned companies announced \$1.3 billion in capital expenditures in announced greenfield foreign direct investment (FDI) projects in the Greater Sacramento region (Colusa, El Dorado, Nevada, Placer, Sacramento, Sutter, Yolo, and Yuba Counties). Japan (\$265.9 million) was the top source market for these projects. In 2022, the region’s highest industry specialization is in the Agricultural Inputs and Services industry, with a location quotient of 2.33 and a 10-year forecast growth rate of 38.2 percent. In terms of innovation, the region ranked highly in human capital and knowledge creation, such as Average STEM Degree Creation, in which the Sacramento—Roseville—Arden-Arcade Metropolitan Statistical Area (MSA) ranked 20th of all 383 total MSAs.

Announced Greenfield FDI Projects, 2012 to 2021

From 2012 to 2021, foreign-owned companies announced 55 greenfield projects in Greater Sacramento. Of these projects, 38 were in Sacramento County. No projects during this period were announced for Colusa, El Dorado, or Yuba counties.



Source: [fDi Markets](#)

Top Source Markets of Greenfield FDI Projects by Capex, 2012 to 2021

Source Market	Estimated Capex (in U.S. Millions)	Estimated Number of Projects	Estimated Jobs Created
Japan	\$265.9	6	720
United Kingdom	\$260.1	10	405
Australia	\$250.7	4	146
Germany	\$157.2	9	618
China	\$74.5	3	181

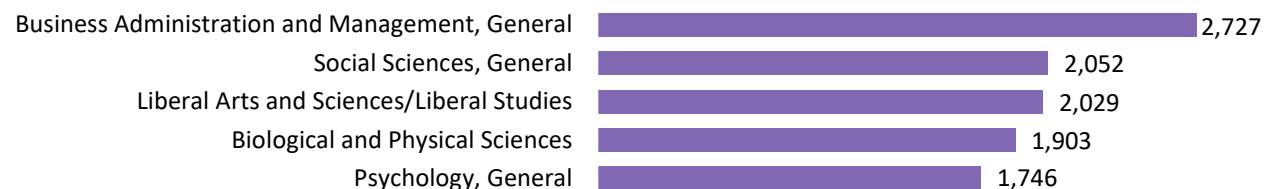
Source: [fDi Markets](#)

Top Sub-Sectors of Greenfield FDI, 2012 to 2021

Solar Electric Power 1 project, \$217 M, 37 jobs	Wired Telecommunication Carriers 1 project, \$148 M, 52 jobs	Data Processing, Hosting, & Related Services 1 project, \$148 M, 52 jobs
Crop Production 3 projects, \$99.4 M, 431 jobs	Agriculture, Construction, & Mining Machinery 3 projects, \$78.2 M, 543 jobs	Biological Products (Except Diagnostic) 3 projects, \$66.8 M, 145 jobs

Source: [fDi Markets](#)

Top Education Certificates and Awards, 2020-2021 Academic Year



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

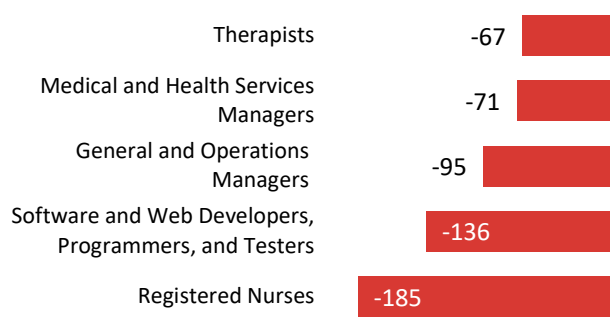
Top Industry Clusters, 2022 Q1

Industry Cluster	Agricultural Inputs and Services	Education and Knowledge Creation	Hospitality and Tourism	Environmental Services	Insurance Services
Location Quotient	2.33	1.07	1.02	1.01	0.99
Industry Cluster	Business Services	Education and Knowledge Creation	Distribution and Electronic Commerce	Hospitality and Tourism	Insurance Services
Employment	64,261	35,104	31,303	24,052	10,422
Industry Cluster	Video Production and Distribution	Performing Arts	Agricultural Inputs and Services	Hospitality and Tourism	Oil and Gas Production and Transportation
10-Year Forecast Employment Growth Rate	43.3%	43.2%	38.2%	32.7%	27.0%

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

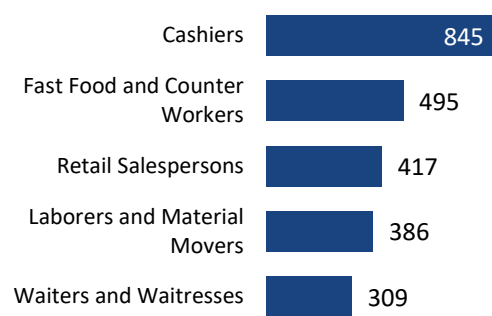
Top Occupation Gaps

2022 Q1



Top Occupation Surpluses

2022 Q1

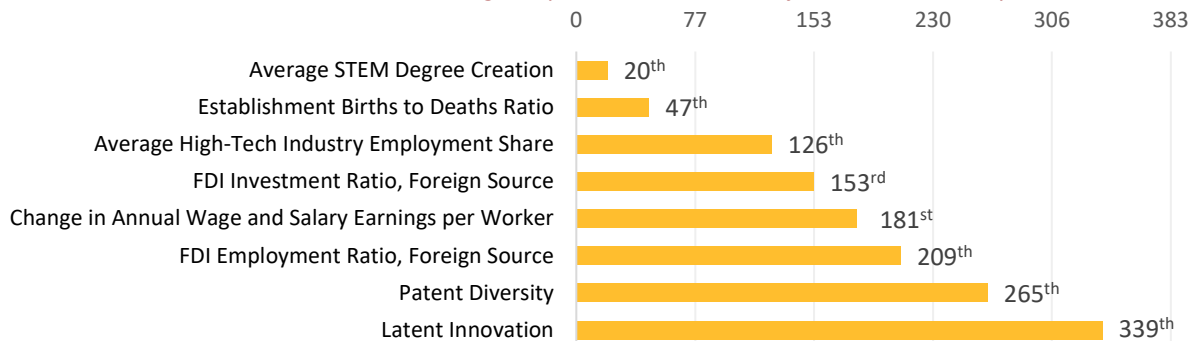


Source: [JobsEQ by Chmura Economics, 2022 Q1](#)

Sacramento—Roseville—Arden-Arcade MSA Ranking in Key Innovation Indicators

The Sacramento—Roseville—Arden-Arcade MSA contains four of the eight counties comprising the Greater Sacramento region: El Dorado, Placer, Sacramento, and Yolo counties. The MSA ranks 68th of all 383 U.S. MSAs in the headline Innovation Intelligence index.

Sacramento—Roseville—Arden-Arcade MSA's Ranking in Key Innovation Indicators of 383 MSAs, Divided by Quintile



Source: [StatsAmerica, Innovation Intelligence](#)

Definitions

Average High-Tech Industry Employment Share – The share of employment in high-tech industries, including manufacturing, research and development companies, and engineering firms, relative to total employment.

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.

Change in Annual Wage and Salary Earnings per Worker – The average annual rate of change in wage and salary earnings per worker, from 2013 to the latest year available.

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 Deaths Ratio – The ratio of establishment births to establishment deaths (in other words, the degree to which new businesses are replacing businesses that are dying).

FDI Employment Ratio, Foreign Source – The ratio of employment created by new, foreign-sourced greenfield investment to the working-age population (ages 18-66).

FDI Investment Ratio, Foreign Source – The ratio of the most recent three-year average of dollars of greenfield investment by new, foreign-sourced FDI to the working-age population (ages 18-66).

Latent Innovation – A measure of innovation considering both spatial proximity of firms and flows of information that accompany exchanges of goods, services, and funds among industries. This measure accounts for networking and spillovers facilitated by spatial proximity.

Location Quotient – The ratio of an industry's share of total area employment relative to its share of total national employment. A value greater than 1 indicates a higher than average industry concentration in a location.

Metropolitan Statistical Area (MSA) – A metropolitan statistical area is a core geographic area containing a substantial population nucleus, together with adjacent communities having a high degree of economic and social integration with that core.

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.