



 **WORLD TRADE CENTER®**
LOS ANGELES

FOREIGN DIRECT INVESTMENT

IN CALIFORNIA, 2022



IN PARTNERSHIP WITH



LMU
Loyola Marymount University

INTRODUCTION FROM WORLD TRADE CENTER LOS ANGELES

In 2021, the international economy continued to be beset by the detrimental effects of the COVID-19 pandemic. However, there were encouraging signs of recovery as well. After reaching alarming highs in 2020, unemployment rates in the United States began their return to pre-pandemic rates and vaccinations allowed industries and businesses to reopen their doors with lowered fears of infection. Foreign direct investment saw a strong rebound, rising 77 percent year-over-year to \$1.65 trillion in 2021 across the globe, according to United Nations Conference on Trade and Development (UNCTAD). Foreign direct investment in the United States increased by 114 percent to \$323 billion. While these are encouraging signs, there is still a great deal of uncertainty surrounding international trade and investment. The war between Russia and Ukraine could have wide-ranging effects across Eurasian continents and beyond. Labor and supply chain bottlenecks, inflationary pressures and rising energy prices are also persisting challenges.

The economic importance of California has been on full display during America’s recovery process, and the state remains an attractive location for foreign direct investment from around the world. This report on foreign direct investment in California, presented by the World Trade Center Los Angeles (WTCLA) and Los Angeles County Economic Development Corporation (LAEDC), represents the seventh edition of our annual outlook. As has become tradition, we estimate FDI across all of California’s regions alongside our focus on Los Angeles County.

This year’s WTCLA FDI report also studies the industry network of FDI. In partnership with the Center of International Business Education at Loyola Marymount University, we investigate the co-location patterns among various FDI industries from 2010 to 2020 and derive the industry network that demonstrates the synergy among those industries. A localized industry network is developed for each region in California and Los Angeles County.

In the network, we also identify industry clusters—a group of industries that manifests a high-level of interdependence and synergy. Decision-makers can boost local FDI by leveraging the industries occupying the hub positions in the network; foreign investors can optimize their location choice by identifying the area where the local industries share strong synergy with their target industries.

An estimated 17,966 foreign-owned firms were operating in California in 2021. These FOE’s are estimated to employ 630,159 residents, who earned an estimated \$64.1 billion in wages last year. In this year’s report, we can see the full effects of the pandemic on foreign direct investment, as California lost nearly 500 foreign-owned enterprises and over 73,000 workers employed by FOE’s.

Japan remains the foremost investor in California, with 3,523 firms employing 105,053 residents and paying nearly \$11 billion in wages. The United Kingdom remains in the second spot, with France, Canada and Switzerland making up the rest of the top five. Our regional breakdown shows that Southern California’s 10-county region is the primary location for the state’s foreign direct investment, with 10,934 FOE’s and 405,465 Californians employed by these firms. The fifteen counties of the Bay Area contribute 5,680 establishments and just nearly 190,000 employees, with the remaining 1,352 FOE’s and 35,000 workers residing in Greater California.

When comparing industries, retail trade supports the largest number of FOE’s in California at 4,285; manufacturing, wholesale trade and professional and business services all have close to 3,000 firms located in the state. The manufacturing industry remains the top employer by far, with just under 235,000 Californians working in manufacturing FOE’s, earning a cumulative \$25.7 billion in wages.

CALIFORNIA FOREIGN-OWNED ESTABLISHMENTS RANKED BY SOURCE NATION/REGION

Rank	Country/Region	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)	CHANGE (2020-2021)		CHANGE (2021-2022)	
						Jobs	Establishments	Jobs	Establishments
1	Japan	105,053	16.7%	3,523	10,978.1	-11,199	77	-10,367	-149
2	United Kingdom	94,601	15.0%	2,358	9,363.0	-5,803	-208	-5,630	-22
3	France	63,241	10.0%	1,788	6,052.5	-1,753	24	-4,464	-124
4	Canada	48,337	7.7%	1,486	5,300.3	-10,832	-121	-2,672	24
5	Germany	45,246	7.2%	1,310	4,909.9	-1,282	19	-14,293	-45
6	Switzerland	40,434	6.4%	717	4,615.3	-1,500	-180	-14,124	-8
7	Ireland	31,356	5.0%	494	3,366.1	2,268	17	-1,733	17
8	China	18,324	2.9%	694	1,808.5	879	122	-4,228	-113
9	Sweden	17,112	2.7%	293	1,520.6	689	0	-1,229	18
10	Taiwan	16,965	2.7%	405	1,650.9	2,940	225	-528	-4
11	Netherlands	14,960	2.4%	568	1,190.4	-290	-15	1,812	180
12	Luxembourg	13,285	2.1%	442	1,067.8	-1,799	-81	3,921	1
13	South Korea	13,021	2.1%	390	1,288.7	-900	-17	-127	2
14	Australia	11,632	1.8%	417	1,227.8	-1,124	-18	-1,916	26
15	Singapore	10,636	1.7%	163	997.8	1,236	10	-30	9
16	Mexico	9,875	1.6%	401	1,088.9	492	31	-3,525	-71
17	India	7,921	1.3%	270	1,034.4	201	23	-448	-4
18	Israel	7,328	1.2%	134	793.5	-1,055	-16	900	-6
19	Thailand	5,833	0.9%	27	635.7	601	-16	-2	1
20	Cayman Islands	5,711	0.9%	141	480.3	538	5	-1,406	-17
21	Italy	5,375	0.9%	240	405.9	1,140	8	82	4
22	Hong Kong	4,974	0.8%	212	590.1	-438	-7	395	69
23	Spain	4,172	0.7%	135	369.1	-5	-2	-3,893	-74
24	New Zealand	3,732	0.6%	80	353.1	-1,027	-5	-349	3
	All Others	31,035	4.9%	138	3,034.6	562	-142	-9,174	-202
TOTAL		630,159	100.0%	17,966	64,123.4	-27,461	-267	-73,028	-485

Source: Dun & Bradstreet’s FDI Dataset, analysis by LAEDC Institute for Applied Economics.

ABOUT WORLD TRADE CENTER LOS ANGELES

The World Trade Center Los Angeles (WTCLA) is dedicated to attracting foreign direct investment and facilitating business opportunities between Los Angeles and international companies. WTCLA is a non-profit organization that provides business assistance services to international companies seeking to locate or expand their business operations in the Los Angeles Region, and to local companies seeking to export products or services to international markets.

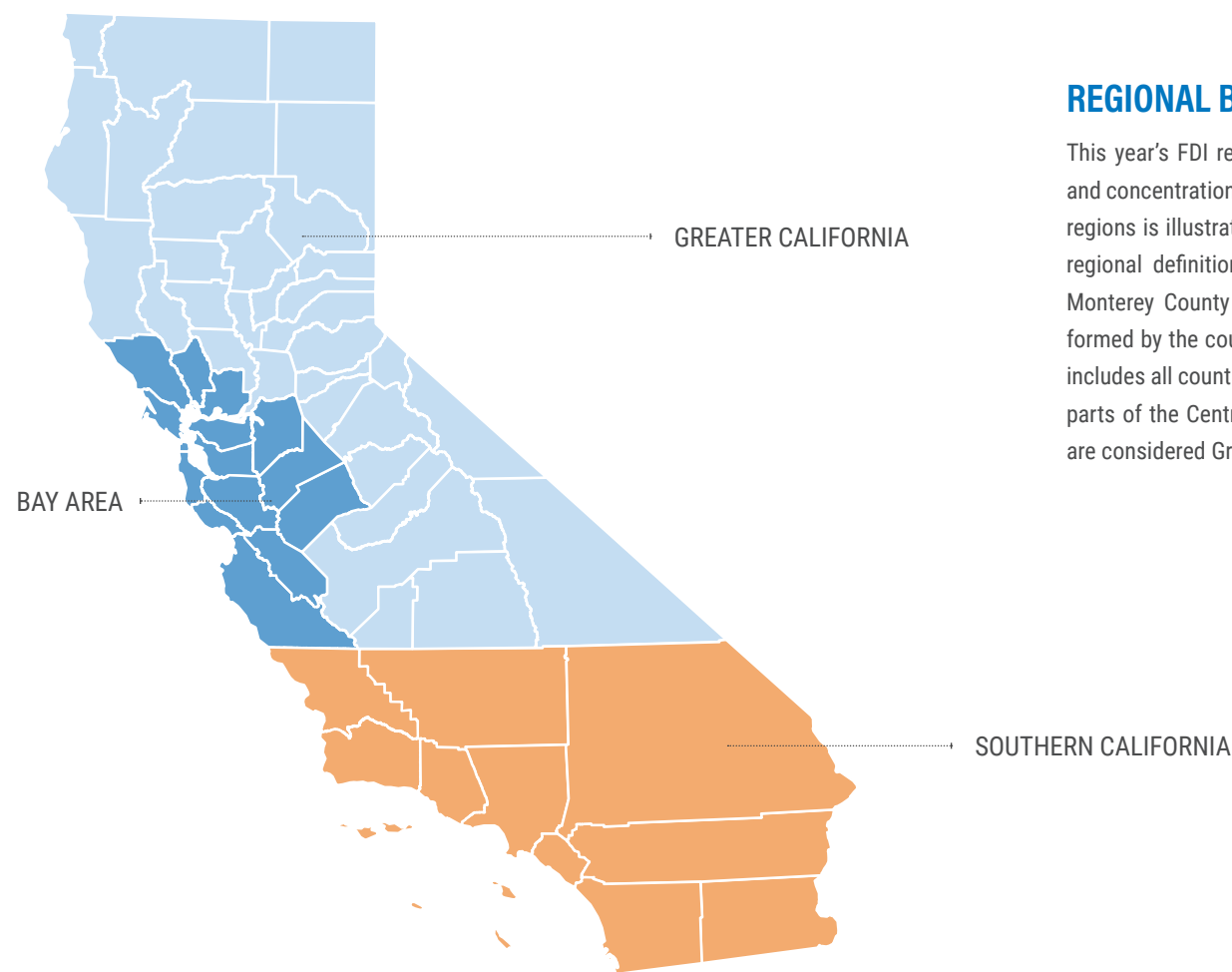
ABOUT CALIFORNIA GOVERNOR'S OFFICE OF BUSINESS AND ECONOMIC DEVELOPMENT

The Governor’s Office of Business and Economic Development (GO-Biz) serves as the State of California’s leader for job growth, economic development, and business assistance efforts. Our teams are experts spanning industries, geographies and business backgrounds. We work to attract foreign direct investment to California to facilitate job growth across the state.

ABOUT THE CENTER FOR INTERNATIONAL BUSINESS EDUCATION OF LOYOLA MARYMOUNT UNIVERSITY

The Center for International Business Education (CIBE) of Loyola Marymount University is one of 15 national resource centers funded by the U.S. Department of Education to help improve the U.S. global competitiveness through instruction, curriculum development, research, and business outreach. LMU CIBE supports the university’s mission to cultivate a “globally imaginative” campus, as well as the College of Business Administration’s mission to advance knowledge and develop business leaders with moral courage and creative confidence to be a force for good in the global community. To learn more about LMU CIBE and the resources available, please visit cba.lmu.edu/cibe.

CALIFORNIA



REGIONAL BREAKDOWN

This year’s FDI report includes data on all of California to analyze the diversity and concentration of FOE’s throughout the state. The breakdown into three distinct regions is illustrated in the adjacent map. Based on best practices and historical regional definitions, the Bay Area region’s southern and northern boundary is Monterey County and Sonoma County, respectively, with the eastern boundary formed by the counties Merced, Stanislaus and San Joaquin. Southern California includes all counties south of Monterey, Kings, Tulare and Inyo. Northern counties, parts of the Central Valley, and the mountainous counties on the Eastern border are considered Greater California.

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS FOE ESTABLISHMENTS ESTIMATED WAGES

630,159 17,966 \$64,123M

FOEs BY SOURCE NATION/REGION

Rank	Country/ Region	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)	CHANGE (2021-2022)	
						Jobs	Establishments
1	Japan	105,053	16.7%	3,523	10,978.1	-10,367	-149
2	United Kingdom	94,601	15.0%	2,358	9,363.0	-5,630	-22
3	France	63,241	10.0%	1,788	6,052.5	-4,464	-124
4	Canada	48,337	7.7%	1,486	5,300.3	-2,672	24
5	Germany	45,246	7.2%	1,310	4,909.9	-14,293	-45
6	Switzerland	40,434	6.4%	717	4,615.3	-14,124	-8
7	Ireland	31,356	5.0%	494	3,366.1	-1,733	17
8	China	18,324	2.9%	694	1,808.5	-4,228	-113
9	Sweden	17,112	2.7%	293	1,520.6	-1,229	18
10	Taiwan	16,965	2.7%	405	1,650.9	-528	-4
All Others		149,490	23.7%	3,758	14,558.3	-13,761	-79
TOTAL		630,159	100.0%	17,966	64,123.4	-73,028	-485

FOEs BY INDUSTRY SECTOR

Major Industry	Jobs	Establishments	Est. Wages (\$Millions)	CHANGE (2021-2022)	
				Jobs	Establishments
Natural Resources	7,163	133	574.2	29	-5
Construction	8,251	266	633.2	-802	-12
Manufacturing	234,146	2,856	25,729.8	-9,665	0
Wholesale Trade	71,113	2,847	6,152.7	-14,609	-12
Retail Trade	52,214	4,285	2,197.8	-21,255	-286
Transp/Warehouse/Util	21,609	804	1,439.3	-7,680	-27
Information	27,626	579	6,019.5	-5,702	-56
Financial Activities	46,598	1,889	6,404.8	-11,241	-144
Prof/Business Services	115,111	2,751	13,092.9	1,311	-21
Education/Health	7,470	428	432.7	-577	-8
Leisure/Hospitality	30,863	746	1,071.7	-381	96
Other Services	7,046	261	331.7	-1,970	-12
Public Administration	949	121	43.1	-486	2
TOTAL	630,159	17,966	64,123.4	-73,028	-485



SOUTHERN CALIFORNIA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS FOE ESTABLISHMENTS ESTIMATED WAGES

405,465 10,934 \$40,193M

FOEs BY SOURCE NATION/REGION

Rank	Country/ Region	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
1	Japan	74,486	18.4%	2,341	7,662.0
2	United Kingdom	64,869	16.0%	1,319	6,193.8
3	France	39,212	9.7%	1,025	3,755.4
4	Canada	36,170	8.9%	923	4,035.4
5	Germany	24,939	6.2%	807	2,635.1
6	Switzerland	21,935	5.4%	406	2,549.3
7	Ireland	20,886	5.2%	270	2,221.3
8	China	11,918	2.9%	471	1,077.8
9	Sweden	11,722	2.9%	167	826.0
10	Taiwan	10,211	2.5%	258	1,030.0
All Others		89,117	22.0%	2,947	8,207.1
TOTAL		405,465	100.0%	10,934	40,193.2

FOEs BY INDUSTRY SECTOR

Major Industry	Jobs	Establishments	Est. Wages (\$Millions)
Natural Resources	3,866	67	427.4
Construction	5,046	158	387.3
Manufacturing	148,381	1,716	16,305.3
Wholesale Trade	48,671	1,807	4,211.0
Retail Trade	37,683	2,736	1,586.2
Transp/Warehouse/Util	16,634	556	1,073.1
Information	17,135	333	3,733.6
Financial Activities	30,397	1,117	4,151.8
Prof/Business Services	67,610	1,385	7,045.1
Education/Health	5,704	284	329.0
Leisure/Hospitality	18,892	546	688.2
Other Services	4,826	154	227.2
Public Administration	620	75	28.2
TOTAL	405,465	10,934	40,193.2



BAY AREA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE
JOBS

189,755

FOE
ESTABLISHMENTS

5,680

ESTIMATED
WAGES

\$20,662M

FOEs BY SOURCE NATION/REGION

Rank	Country/ Region	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
1	Japan	27,383	14.4%	994	3,002.5
2	England	26,099	13.8%	827	2,800.0
3	Switzerland	17,790	9.4%	267	1,979.6
4	Germany	17,710	9.3%	405	2,037.0
5	France	15,878	8.4%	592	1,480.5
6	Canada	9,340	4.9%	402	1,028.7
7	Ireland	9,259	4.9%	171	1,052.7
8	Singapore	6,878	3.6%	105	754.7
9	Taiwan	6,696	3.5%	146	615.9
10	China	6,269	3.3%	199	720.8
	All Others	46,453	24.5%	1,572	5,189.9
	TOTAL	189,755	100.0%	5,680	20,662.2

FOEs BY INDUSTRY SECTOR

Major Industry	Jobs	Establishments	Est. Wages (\$Millions)
Natural Resources	1,635	41	67.2
Construction	2,681	86	205.7
Manufacturing	70,373	948	7,733.2
Wholesale Trade	18,477	793	1,598.6
Retail Trade	11,796	1,199	496.5
Transp/Warehouse/Util	4,368	203	324.7
Information	9,901	219	2,157.3
Financial Activities	14,880	601	2,079.6
Prof/Business Services	42,480	1,200	5,529.5
Education/Health	1,322	104	77.7
Leisure/Hospitality	10,187	162	314.8
Other Services	1,332	81	62.7
Public Administration	323	43	14.7
TOTAL	189,755	5,680	20,662.2



GREATER CALIFORNIA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE
JOBS

34,939

FOE
ESTABLISHMENTS

1,352

ESTIMATED
WAGES

\$3,268M

FOEs BY SOURCE NATION/REGION

Rank	Country/ Region	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
1	France	8,151	23.3%	171	816.6
2	United Kingdom	3,633	10.4%	212	369.2
3	Japan	3,184	9.1%	188	313.6
4	Canada	2,827	8.1%	161	236.2
5	Germany	2,597	7.4%	98	237.8
6	Singapore	2,176	6.2%	16	152.0
7	Netherlands	1,940	5.6%	57	120.2
8	Mexico	1,468	4.2%	64	164.3
9	Ireland	1,211	3.5%	53	92.1
10	Sweden	1,047	3.0%	30	83.8
	All Others	6,705	19.2%	302	682.3
	TOTAL	34,939	100.0%	1,352	3,268.1

FOEs BY INDUSTRY SECTOR

Major Industry	Jobs	Establishments	Est. Wages (\$Millions)
Natural Resources	1,662	25	79.6
Construction	524	22	40.2
Manufacturing	15,392	192	1,691.4
Wholesale Trade	3,965	247	343.0
Retail Trade	2,735	350	115.1
Transp/Warehouse/Util	607	45	41.6
Information	590	27	128.6
Financial Activities	1,321	171	173.5
Prof/Business Services	5,021	166	518.3
Education/Health	444	40	26.0
Leisure/Hospitality	1,784	38	68.7
Other Services	888	26	41.8
Public Administration	6	3	0.3
TOTAL	34,939	1,352	3,268.1



LOS ANGELES COUNTY

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE
JOBS

177,913

FOE
ESTABLISHMENTS

4,926

ESTIMATED
WAGES

\$17,847M

FOEs BY SOURCE NATION/REGION

Rank	Country/ Region	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
1	Japan	34,405	19.3%	1,102	3,595.3
2	United Kingdom	23,677	13.3%	586	2,343.4
3	France	19,192	10.8%	466	1,836.8
4	Canada	16,778	9.4%	384	1,839.7
5	Switzerland	14,549	8.2%	172	1,660.7
6	Germany	11,969	6.7%	322	1,298.8
7	Ireland	5,639	3.2%	82	605.3
8	Taiwan	5,601	3.1%	133	545.0
9	Sweden	4,633	2.6%	65	411.7
10	South Korea	4,375	2.5%	151	433.0
	All Others	37,096	20.9%	1,463	3,277.6
	TOTAL	177,913	100.0%	4,926	17,847.4

FOEs BY INDUSTRY SECTOR

Major Industry	Jobs	Establishments	Est. Wages (\$Millions)
Natural Resources	352	17	39.6
Construction	877	44	67.3
Manufacturing	41,953	560	4,610.1
Wholesale Trade	21,585	815	1,867.5
Retail Trade	19,852	1,147	835.6
Transp/Warehouse/Util	12,489	356	795.4
Information	13,000	203	2,832.7
Financial Activities	22,395	572	3,126.2
Prof/Business Services	27,777	654	2,954.8
Education/Health	1,201	95	69.9
Leisure/Hospitality	12,445	324	461.5
Other Services	3,415	71	160.8
Public Administration	572	68	26.0
TOTAL	177,913	4,926	17,847.4

Industries connect with each other—a fluctuation in one industry can spill over to the others.

This section presents an industry network for each California region to reveal the interdependence among FDI in various local industries, facilitating local governments and community leaders to identify the critical industries for attracting more FDI and helping foreign investors to optimize their location choice.

SYNERGIES AMONG INDUSTRIES

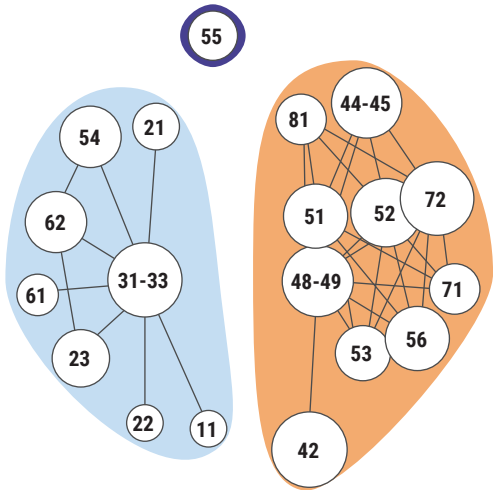
Industries co-locate with one another to facilitate the exchange of inputs and outputs, share resources, and promote innovation. Using data on FDI in California from 2010 to 2020, we detect FDI industry networks from foreign-owned enterprises’ geographical location patterns. The network figures are shown below: an industry is represented by its 2-digit North American Industry Classification System (NAICS) code (see the NAICS reference table); the size of the industry cluster is proportionate to the amount of FDI-related employment in the industry; a line connecting two groups indicates significant synergy between the two industries. Because of the various connections, industries fall into clusters, marked by colored areas. Visualizing the interdependence among industries helps local governments and community leaders identify those hub industries whose growth generates significant positive synergy for other industries. For instance, manufacturing (31-33) and finance and insurances (52) are two hub industries for Southern California.

The dendrograms below summarize the synergies among the industries: the more substantial the synergy between two industries, the earlier they cluster into the same branch. Referring to the dendrogram, foreign investors can pinpoint the specific industries in each region that complement their target industry. For example, if one foreign investor aims to invest in wholesale trade (42) in either Southern California or Bay Area, the industries that complement the target investment most are transportation and warehousing (48-49) in Southern California and manufacturing (31-33) in Bay Area. Further analyses of the two industries guide the investor in choosing between Southern California and Bay Area.

SOUTHERN CALIFORNIA

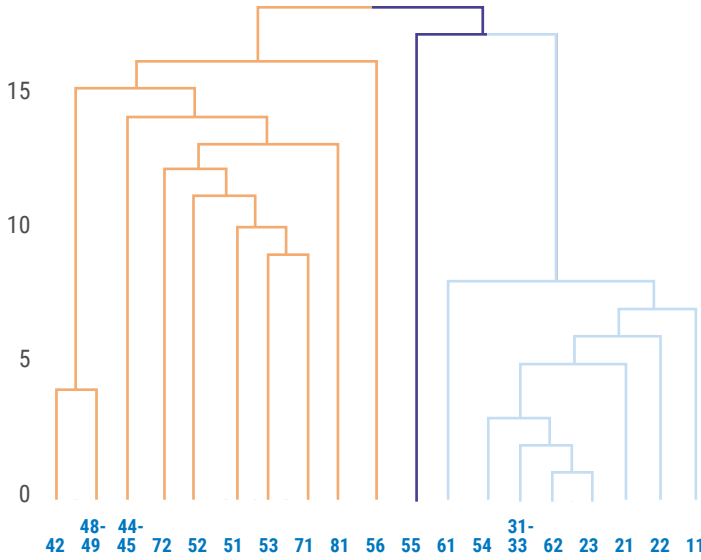
Data shows there are two clusters in Southern California: one cluster centers on manufacturing (31-33) as the hub industry, and the other on multiple industries such as finance and insurance (52) and transportation and warehousing (48-49). The management of companies and enterprises industry (55) shows no significant synergy with others.

Industry Network of FDI in Southern California: 2010 - 2020



*Node size represents total employments in the industry

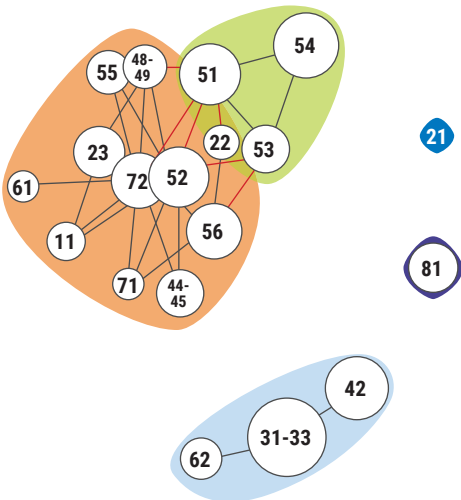
Dendrogram of FDI Industry Clustering in Southern California: 2010 - 2020



BAY AREA

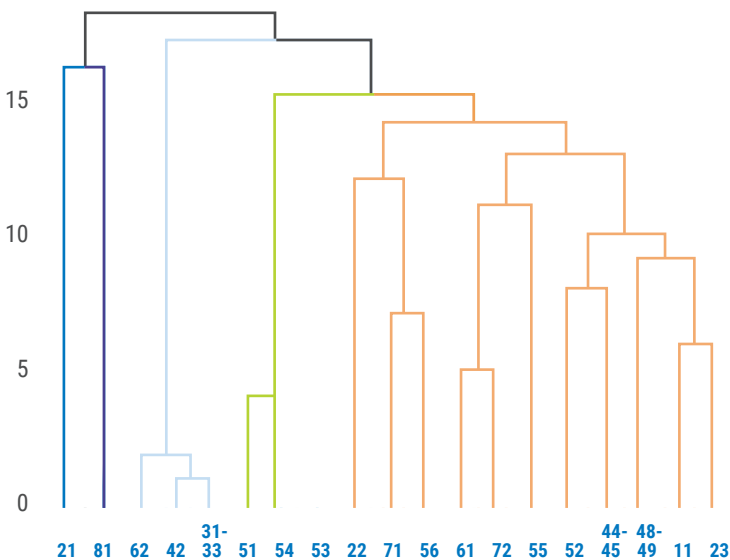
Three industry clusters are discovered: one centers on manufacturing (31-33), the second on industries such as finance and insurance (52) and accommodation and food services (72), and the third consists of information (51), real estate and rental and leasing (53), and professional, scientific, and technical services (54). Mining, quarrying, and oil and gas extraction (21), and other services (81) stand alone.

Industry Network of FDI in Bay Area: 2010 - 2020



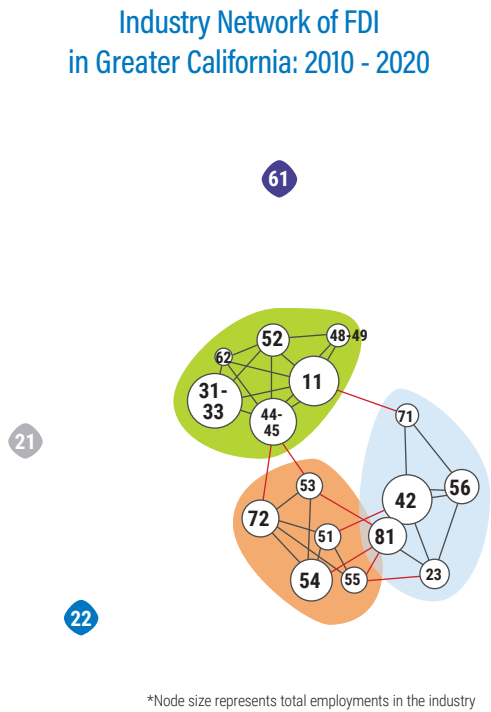
*Node size represents total employments in the industry

Dendrogram of FDI Industry Clustering in Bay Area: 2010 - 2020

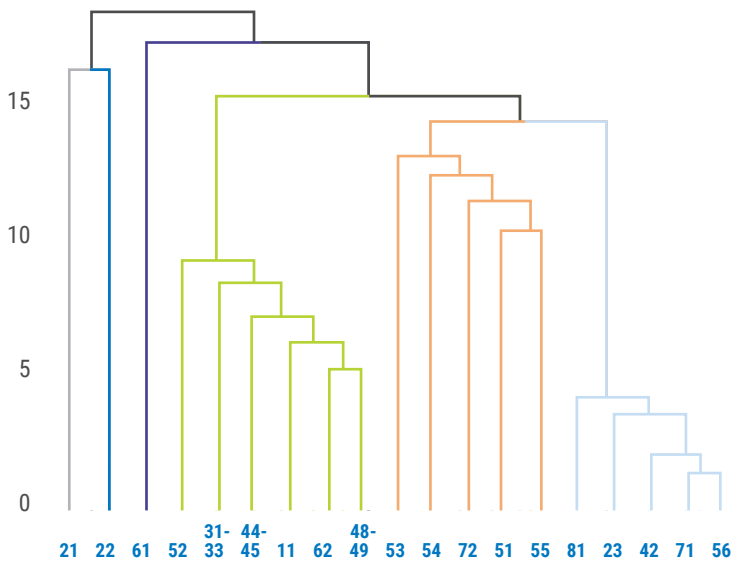


GREATER CALIFORNIA

Agriculture, forestry, fishing and hunting (11) and retail trade (44-45) represent one cluster; professional, scientific, and technical services (54) and accommodation and food services (72) represent another; and wholesale trade (42) represents the third cluster. Mining, quarrying, and oil and gas extraction (21), utilities (22), and educational services (61) stand alone.

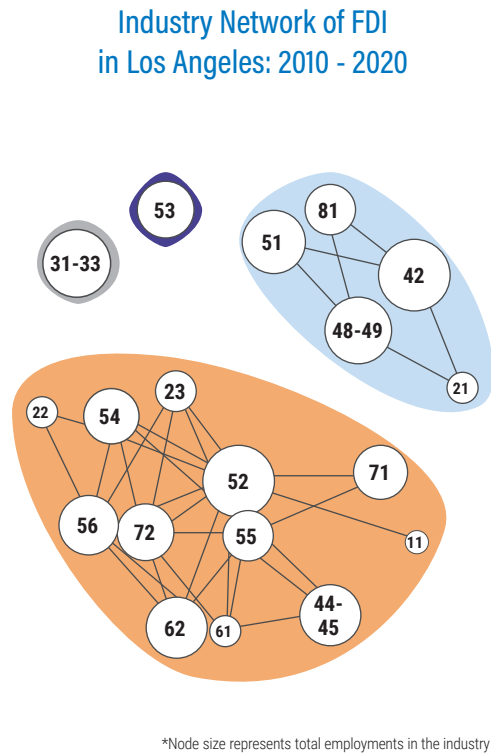


Dendrogram of FDI Industry Clustering in Greater California: 2010 - 2020

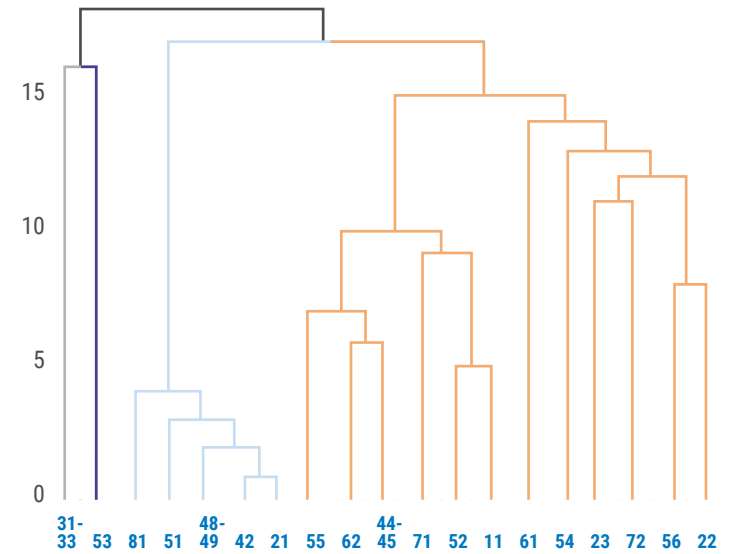


LOS ANGELES COUNTY

Real estate and rental and leasing (53) and manufacturing (31-33) stand alone, even though both industries account for a large number of FDI-related employments. Transportation and warehousing (48-49) and wholesale trade (42) are the core of one industry cluster, whereas the other one is around finance and insurance (52), accommodation and food services (72), and administrative and support and waste management and remediation services (56).



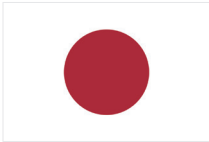
Dendrogram of FDI Industry Clustering in Los Angeles: 2010 - 2020



NAICS REFERENCE

2-DIGIT NAICS CODE	INDUSTRY
11	Agriculture, Forestry, Fishing and Hunting
21	Mining, Quarrying, and Oil and Gas Extraction
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information
52	Finance and Insurance

2-DIGIT NAICS CODE	INDUSTRY
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (Except Public Administration)



NO. 1
JAPAN

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

105,053

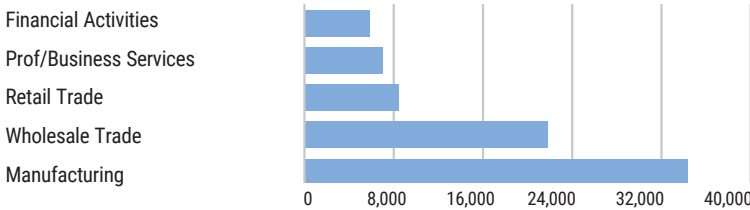
FOE ESTABLISHMENTS

3,523

ESTIMATED WAGES

\$10,978M

JAPANESE FOE JOBS BY SECTOR



JAPANESE FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	27,383	26.1%	994	3,002.5
Southern California	74,486	70.9%	2,341	7,662.0
Greater California	3,184	3.0%	188	313.6
Los Angeles County*	34,405	32.7%	1,102	3,595.3
TOTAL	105,053	100.0%	3,523.0	10,978.1

*LA County data is not included in county totals. It is extracted from the Southern California dataset.



NO. 2
UNITED KINGDOM

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

94,601

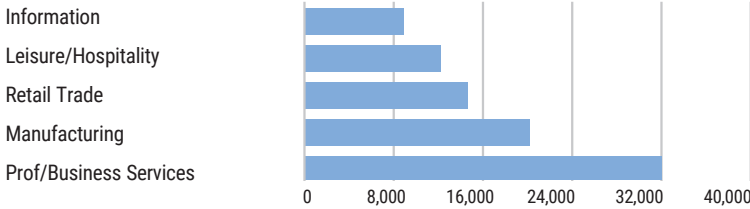
FOE ESTABLISHMENTS

2,358

ESTIMATED WAGES

\$9,363M

UK FOE JOBS BY SECTOR



UK FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	26,099	27.6%	827	2,800.0
Southern California	64,869	68.6%	1,319	6,193.8
Greater California	3,633	3.8%	212	369.2
Los Angeles County	23,677	25.0%	586	2,343.4
TOTAL	94,601	100.0%	2,358.0	9,363.0



NO. 3
FRANCE

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

63,241

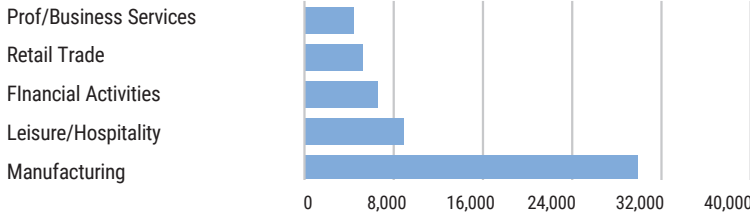
FOE ESTABLISHMENTS

1,788

ESTIMATED WAGES

\$6,052M

FRENCH FOE JOBS BY SECTOR



FRENCH FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	15,878	25.1%	592	1,480.5
Southern California	39,212	62.0%	1,025	3,755.4
Greater California	8,151	12.9%	171	816.6
Los Angeles County	19,192	30.3%	466	1,836.8
TOTAL	63,241	100.0%	1,788.0	6,052.5



NO. 4
CANADA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

48,337

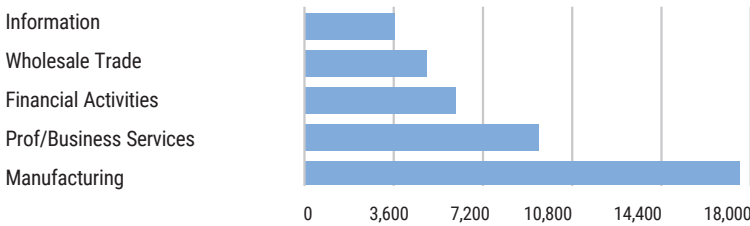
FOE ESTABLISHMENTS

1,486

ESTIMATED WAGES


\$5,300M

CANADIAN FOE JOBS BY SECTOR



CANADIAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	9,340	19.3%	402	1,028.7
Southern California	36,170	74.8%	923	4,035.4
Greater California	2,827	5.8%	161	236.2
Los Angeles County	16,778	34.7%	384	1,839.7
TOTAL	48,337	100.0%	1,486.0	5,300.3



NO. 5

GERMANY

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

45,246

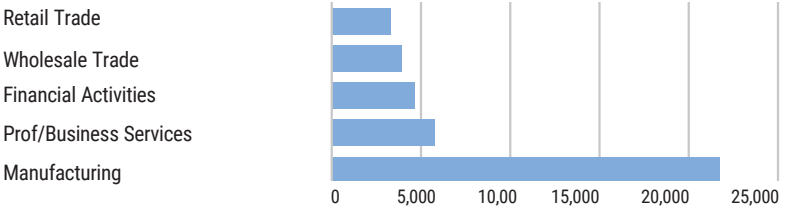
FOE ESTABLISHMENTS

1,310

ESTIMATED WAGES

\$4,910M


GERMAN FOE JOBS BY SECTOR



Sector	Jobs
Retail Trade	4,000
Wholesale Trade	4,500
Financial Activities	5,000
Prof/Business Services	6,000
Manufacturing	22,500

GERMAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	17,710	39.1%	405	2,037.0
Southern California	24,939	55.1%	807	2,635.1
Greater California	2,597	5.7%	98	237.8
Los Angeles County	11,969	26.5%	322	1,298.8
TOTAL	45,246	100.0%	1,310.0	4,909.9



NO. 6

SWITZERLAND

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

40,434

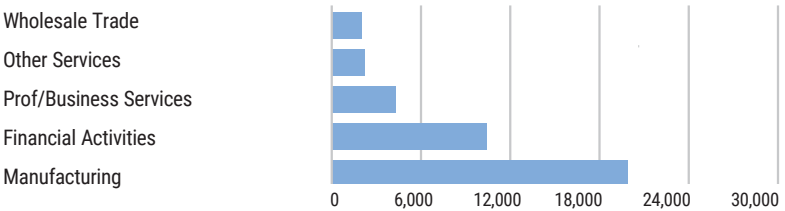
FOE ESTABLISHMENTS

717

ESTIMATED WAGES

\$4,615M

SWISS FOE JOBS BY SECTOR



Sector	Jobs
Wholesale Trade	1,500
Other Services	3,000
Prof/Business Services	4,500
Financial Activities	11,500
Manufacturing	21,500

SWISS FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	17,790	44.0%	267	1,979.6
Southern California	21,935	54.2%	406	2,549.3
Greater California	709	1.8%	44	86.5
Los Angeles County	14,549	36.0%	172	1,660.7
TOTAL	40,434	100.0%	717.0	4,615.3



NO. 7

IRELAND

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

31,356

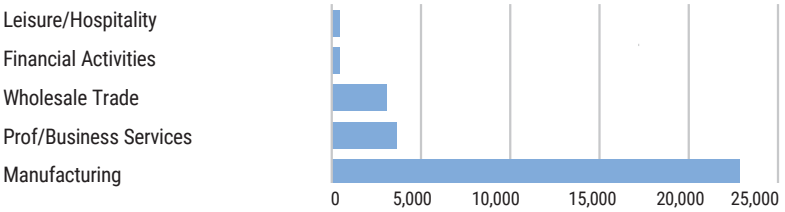
FOE ESTABLISHMENTS

494

ESTIMATED WAGES

\$3,366M


IRISH FOE JOBS BY SECTOR



Sector	Jobs
Leisure/Hospitality	500
Financial Activities	3,000
Wholesale Trade	3,500
Prof/Business Services	4,500
Manufacturing	23,500

IRISH FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	9,259	29.5%	171	1,052.7
Southern California	20,886	66.6%	270	2,221.3
Greater California	1,211	3.9%	53	92.1
Los Angeles County	5,639	18.0%	82	605.3
TOTAL	31,356	100.0%	494.0	3,366.1



NO. 8

CHINA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

18,324

FOE ESTABLISHMENTS

694

ESTIMATED WAGES

\$1,809M

CHINESE FOE JOBS BY SECTOR



Sector	Jobs
Transp, Warehousing & Utilities	1,500
Wholesale Trade	7,000
Education/Health	7,500
Prof/Business Services	8,000
Manufacturing	9,500

CHINESE FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	6,269	34.2%	199	720.8
Southern California	11,918	65.0%	471	1,077.8
Greater California	137	0.7%	24	9.9
Los Angeles County	2,929	16.0%	249	289.1
TOTAL	18,324	100.0%	694.0	1,808.5



NO. 9
SWEDEN

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

FOE ESTABLISHMENTS

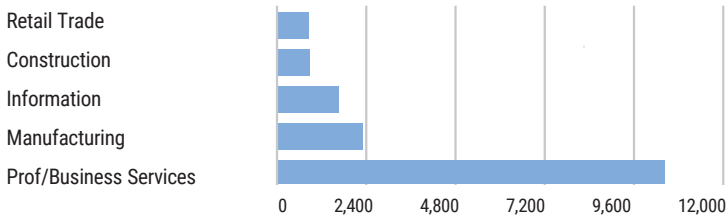
ESTIMATED WAGES

17,112

293

\$1,521M

SWEDISH FOE JOBS BY SECTOR



SWEDISH FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	4,343	25.4%	96	610.8
Southern California	11,722	68.5%	167	826.0
Greater California	1,047	6.1%	30	83.8
Los Angeles County	4,633	27.1%	65	411.7
TOTAL	17,112	100.0%	293.0	1,520.6



NO. 10
TAIWAN

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

FOE ESTABLISHMENTS

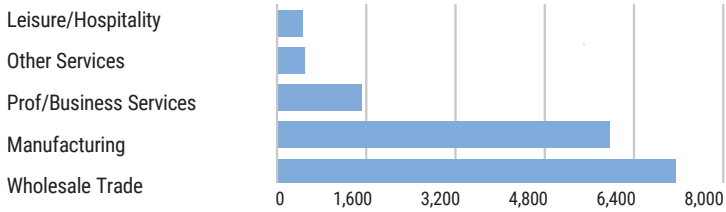
ESTIMATED WAGES

16,965

405

\$1,651M

TAIWANESE FOE JOBS BY SECTOR



TAIWANESE FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	6,696	39.5%	146	615.9
Southern California	10,211	60.2%	258	1,030.0
Greater California	58	0.3%	1	5.0
Los Angeles County	5,601	33.0%	133	545.0
TOTAL	16,965	100.0%	405.0	1,650.9



NO. 11
NETHERLANDS

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

FOE ESTABLISHMENTS

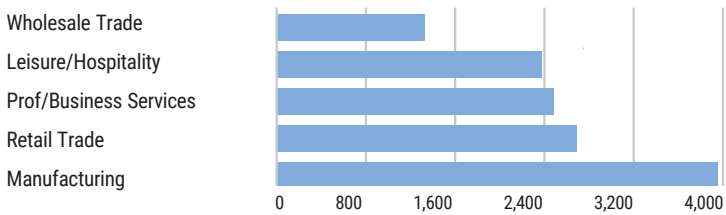
ESTIMATED WAGES

14,960

568

\$1,190M

DUTCH FOE JOBS BY SECTOR



DUTCH FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	4,803	32.1%	253	390.9
Southern California	8,217	54.9%	258	679.3
Greater California	1,940	13.0%	57	120.2
Los Angeles County	4,181	27.9%	115	332.7
TOTAL	14,960	100.0%	568.0	1,190.4



NO. 12
LUXEMBOURG

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

FOE ESTABLISHMENTS

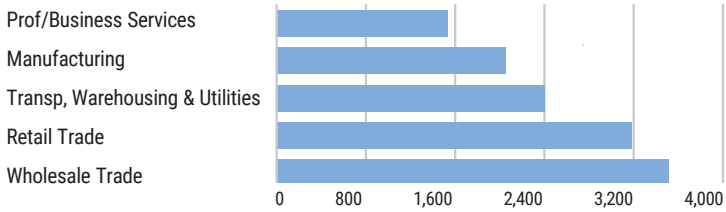
ESTIMATED WAGES

13,285

442

\$1,068M

LUXEMBOURGER FOE JOBS BY SECTOR



LUXEMBOURGER FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	3,370	25.4%	115	293.4
Southern California	9,172	69.0%	278	711.1
Greater California	743	5.6%	49	63.2
Los Angeles County	3,336	25.1%	107	268.1
TOTAL	13,285	100.0%	442.0	1,067.8



NO. 13

SOUTH KOREA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

13,021

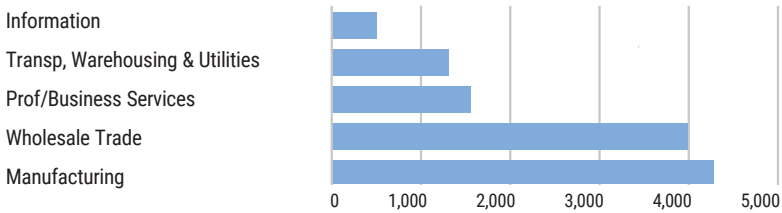
FOE ESTABLISHMENTS

390

ESTIMATED WAGES

\$1,289M

SOUTH KOREAN FOE JOBS BY SECTOR



SOUTH KOREAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	3,885	29.8%	75	395.7
Southern California	8,859	68.0%	311	862.4
Greater California	277	2.1%	4	30.6
Los Angeles County	4,375	33.6%	151	433.0
TOTAL	13,021	100.0%	390.0	1,288.7



NO. 14

AUSTRALIA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

11,632

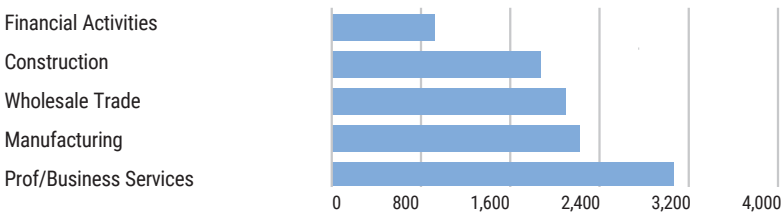
FOE ESTABLISHMENTS

417

ESTIMATED WAGES

\$1,228M

AUSTRALIAN FOE JOBS BY SECTOR



AUSTRALIAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	3,749	32.2%	124	391.9
Southern California	7,174	61.7%	258	767.5
Greater California	709	6.1%	35	68.4
Los Angeles County	4,217	36.3%	123	445.1
TOTAL	11,632	100.0%	417.0	1,227.8



NO. 15

SINGAPORE

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

10,636

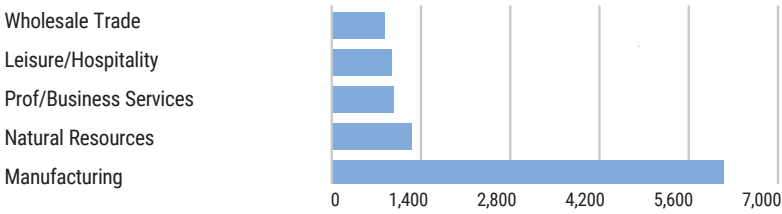
FOE ESTABLISHMENTS

163

ESTIMATED WAGES

\$998M

SINGAPOREAN FOE JOBS BY SECTOR



SINGAPOREAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	6,878	64.7%	105	754.7
Southern California	1,582	14.9%	42	91.2
Greater California	2,176	20.5%	16	152.0
Los Angeles County	1,078	10.1%	25	101.1
TOTAL	10,636	100.0%	163.0	997.8



NO. 16

MEXICO

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

9,875

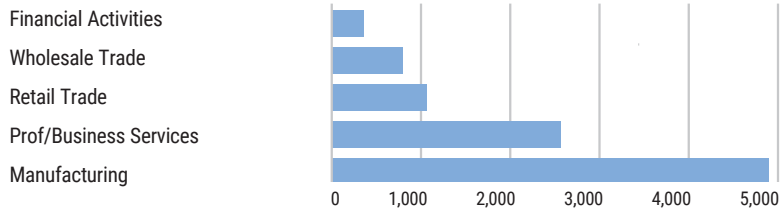
FOE ESTABLISHMENTS

401

ESTIMATED WAGES

\$1,089M

MEXICAN ISLAND FOE JOBS BY SECTOR



MEXICAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	1,185	12.0%	75	138.4
Southern California	7,222	73.1%	262	786.2
Greater California	1,468	14.9%	64	164.3
Los Angeles County	2,574	26.1%	88	283.8
TOTAL	9,875	100.0%	401.0	1,088.9



NO. 17

INDIA

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

7,921

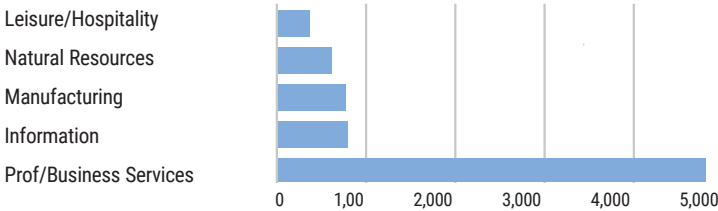
FOE ESTABLISHMENTS

270

ESTIMATED WAGES

\$1,034M

INDIAN FOE JOBS BY SECTOR



INDIAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	4,998	63.1%	155	684.7
Southern California	2,687	33.9%	104	318.7
Greater California	236	3.0%	11	31.1
Los Angeles County	1,033	13.0%	57	134.9
TOTAL	7,921	100.0%	270.0	1,034.4



NO. 18

ISRAEL

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

7,328

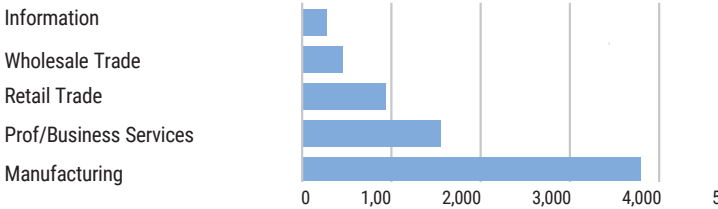
FOE ESTABLISHMENTS

134

ESTIMATED WAGES

\$794M

ISRAELI FOE JOBS BY SECTOR



ISRAELI FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	1,971	26.9%	70	256.9
Southern California	5,017	68.5%	62	507.2
Greater California	340	4.6%	2	29.4
Los Angeles County	1,624	22.2%	25	175.8
TOTAL	7,328	100.0%	134.0	793.5



NO. 19

THAILAND

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

5,833

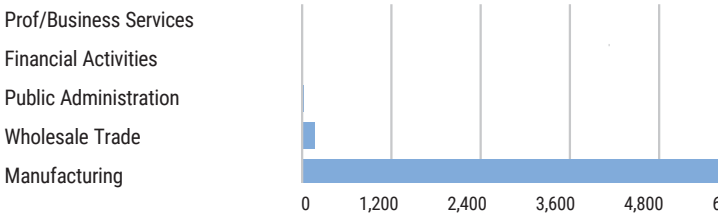
FOE ESTABLISHMENTS

27

ESTIMATED WAGES

\$636M

THAI FOE JOBS BY SECTOR



THAI FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	86	1.5%	5	8.1
Southern California	5,747	98.5%	22	627.6
Greater California	-	0.0%	-	-
Los Angeles County	681	11.7%	15	74.3
TOTAL	5,833	100.0%	27.0	635.7



NO. 20

CAYMAN ISLANDS

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

5,711

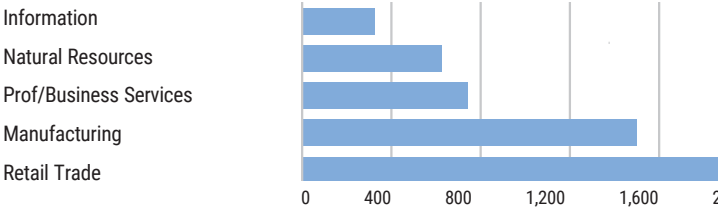
FOE ESTABLISHMENTS

141

ESTIMATED WAGES


\$480M

CAYMAN ISLAND FOE JOBS BY SECTOR



CAYMAN ISLAND FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	2,516	44.1%	63	238.7
Southern California	2,898	50.7%	59	209.1
Greater California	297	5.2%	19	32.5
Los Angeles County	2,349	41.1%	33	197.6
TOTAL	5,711	100.0%	141.0	480.3



NO. 21

ITALY

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

5,375

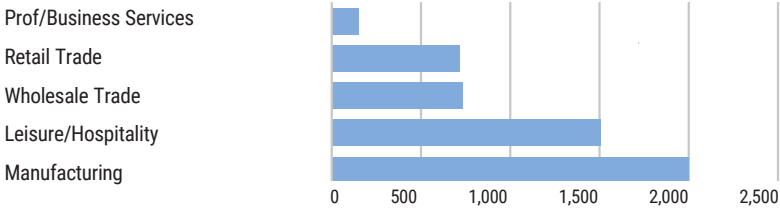
FOE ESTABLISHMENTS

240

ESTIMATED WAGES

\$406M

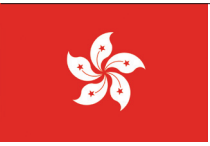
ITALIAN FOE JOBS BY SECTOR



Sector	Jobs
Prof/Business Services	~100
Retail Trade	~800
Wholesale Trade	~850
Leisure/Hospitality	~1,600
Manufacturing	~2,100

ITALIAN FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	1,195	22.2%	59	70.8
Southern California	3,734	69.5%	169	289.5
Greater California	446	8.3%	12	45.6
Los Angeles County	1,403	26.1%	67	106.0
TOTAL	5,375	100.0%	240.0	405.9



NO. 22

HONG KONG

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

4,974

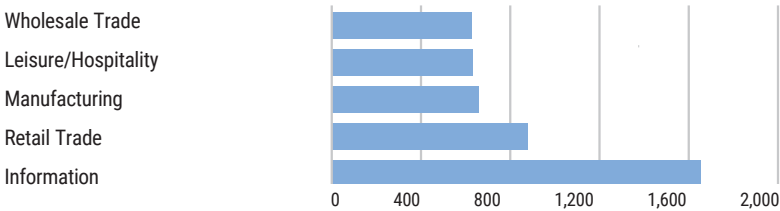
FOE ESTABLISHMENTS

212

ESTIMATED WAGES

\$590M


HONG KONG FOE JOBS BY SECTOR



Sector	Jobs
Wholesale Trade	~700
Leisure/Hospitality	~750
Manufacturing	~800
Retail Trade	~1,000
Information	~1,700

HONG KONG FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	2,041	41.0%	60	380.7
Southern California	2,894	58.2%	145	207.5
Greater California	39	0.8%	7	2.0
Los Angeles County	1,669	33.6%	79	198.0
TOTAL	4,974	100.0%	212.0	590.1



NO. 23

SPAIN

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

4,172

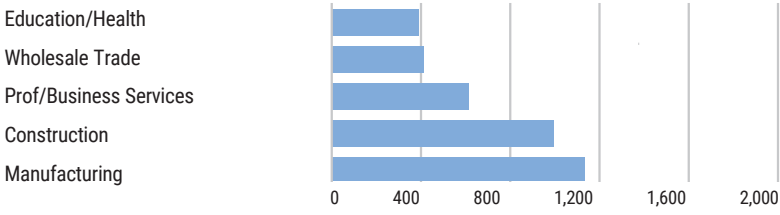
FOE ESTABLISHMENTS

135

ESTIMATED WAGES

\$369M


SPANISH FOE JOBS BY SECTOR



Sector	Jobs
Education/Health	~450
Wholesale Trade	~450
Prof/Business Services	~650
Construction	~1,100
Manufacturing	~1,200

SPANISH FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	629	15.1%	39	54.4
Southern California	3,399	81.5%	85	303.9
Greater California	144	3.5%	11	10.9
Los Angeles County	1,311	31.4%	36	116.0
TOTAL	4,172	100.0%	135.0	369.1



NO. 24

NEW ZEALAND

FOREIGN-OWNED ENTERPRISES (FOEs)

FOE JOBS

3,732

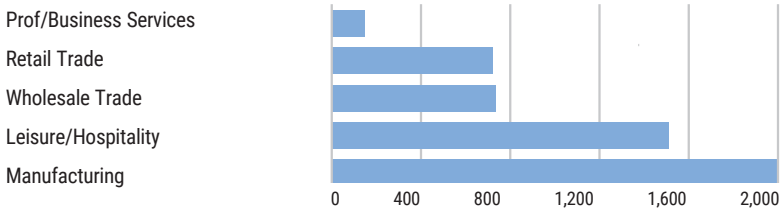
FOE ESTABLISHMENTS

80

ESTIMATED WAGES

\$353M

NEW ZEALANDER FOE JOBS BY SECTOR



Sector	Jobs
Prof/Business Services	~100
Retail Trade	~800
Wholesale Trade	~850
Leisure/Hospitality	~1,600
Manufacturing	~1,700

NEW ZEALANDER FOEs BY REGION AND IN LOS ANGELES COUNTY

County	Jobs	% of All FOE Jobs	Establishments	Est. Wages (\$Millions)
Bay Area	2,225	59.6%	17	222.0
Southern California	1,380	37.0%	58	120.2
Greater California	127	3.4%	5	11.0
Los Angeles County	570	15.3%	28	54.0
TOTAL	3,732	100.0%	80.0	353.1