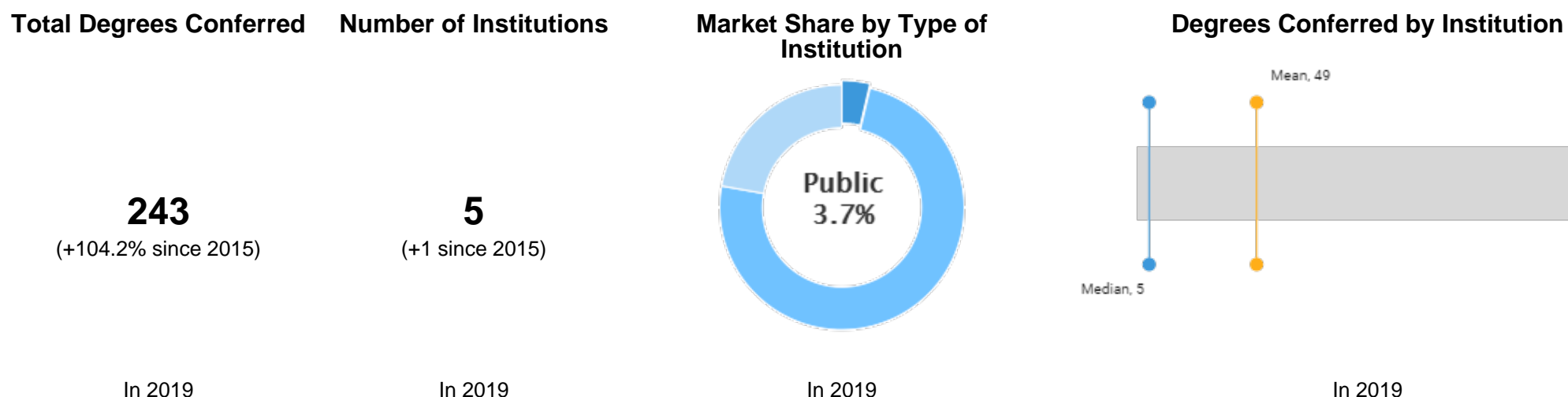


Program Competition & Student Demand

Active Selections

(County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA) AND ((Program of study : Associate's degree - Electrician (46.0302) OR Program of study : Award of at least 1 but less than 2 academic years - Electrician (46.0302) OR Program of study : Award of less than 1 academic year - Electrician (46.0302)))



Institution	Type	Distance Learning	Market Share 2019 (%)	Change in Market Share 2015-2019 (%)	Change in Degree Conferrals 2015-2019 (%)	2019	2018	2017	2016	2015
Institute for Business and Technology	For-Profit	No	74.1	-22.5	56.5	180	175	134	149	115
CET-San Jose	Private	No	22.2	N/A	N/A	54	51	70	63	N/A
Foothill College	Public	No	2.5	1.7	500.0	6	259	141	0	1
City College of San Francisco	Public	No	1.2	-0.5	50.0	3	1	0	9	2
College of San Mateo	Public	No	0.0	-0.8	-100.0	0	1	15	0	1
Chabot College	Public	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wyotech-Fremont	Unknown	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*This report uses data from the National Center for Education Statistics (NCES) IPEDS database from 2015-2019.

Certification Analysis

Active Selections

San Mateo, CA, San Francisco, CA, Santa Clara, CA, Contra Costa, CA, Alameda, CA, Electrician Certification

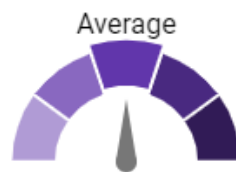
Certification Metrics

Job Postings

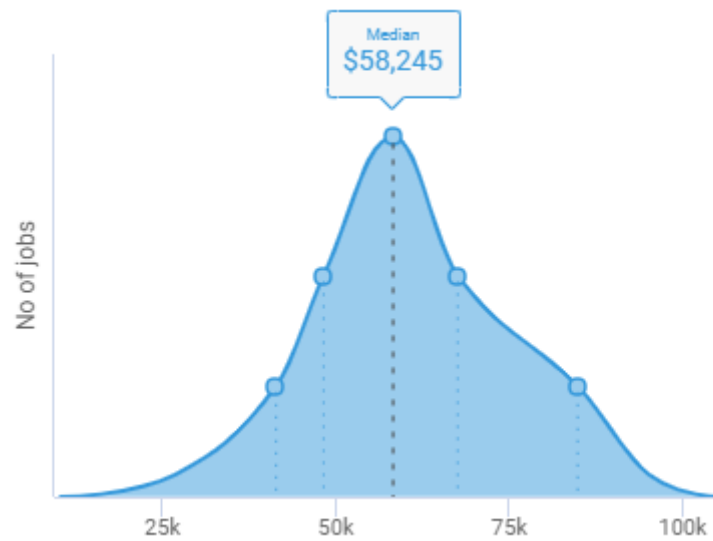
Last 12 Months



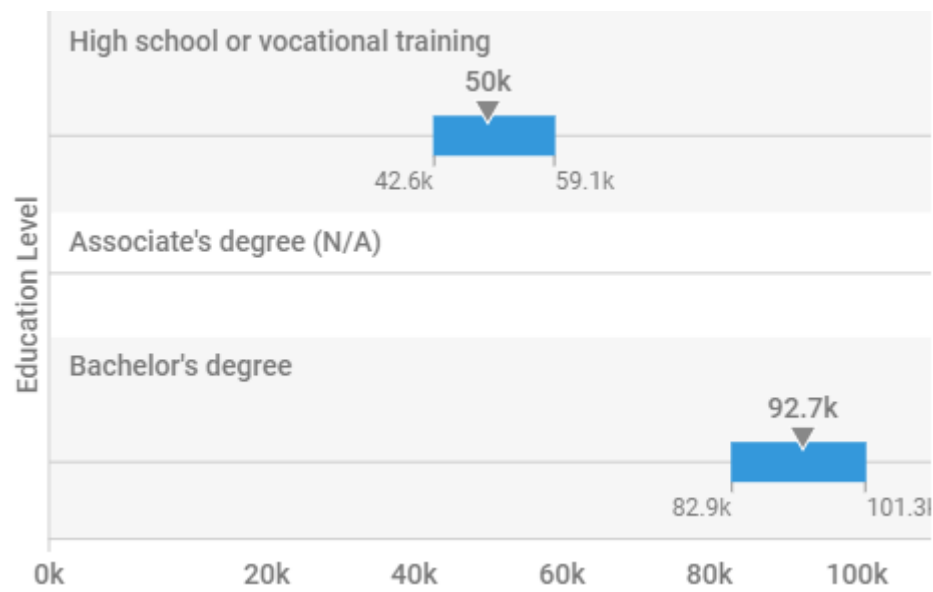
Location Quotient



Salary Overall

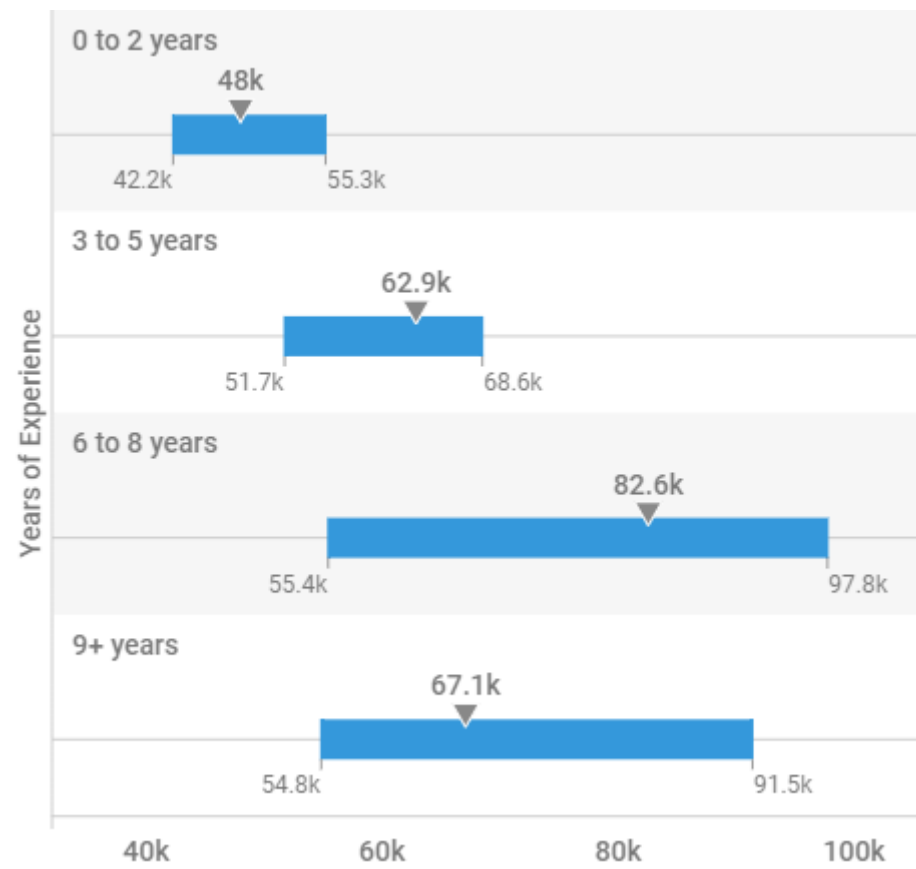


Salary By Education

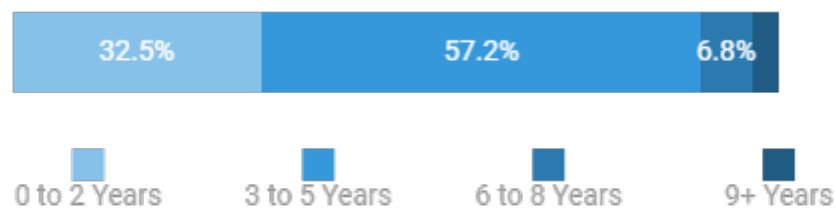


Salary distribution is not shown for education levels with insufficient sample size

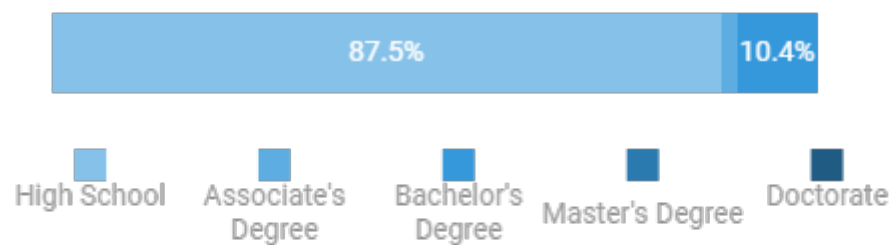
Salary By Experience



Years of Experience



Education Level

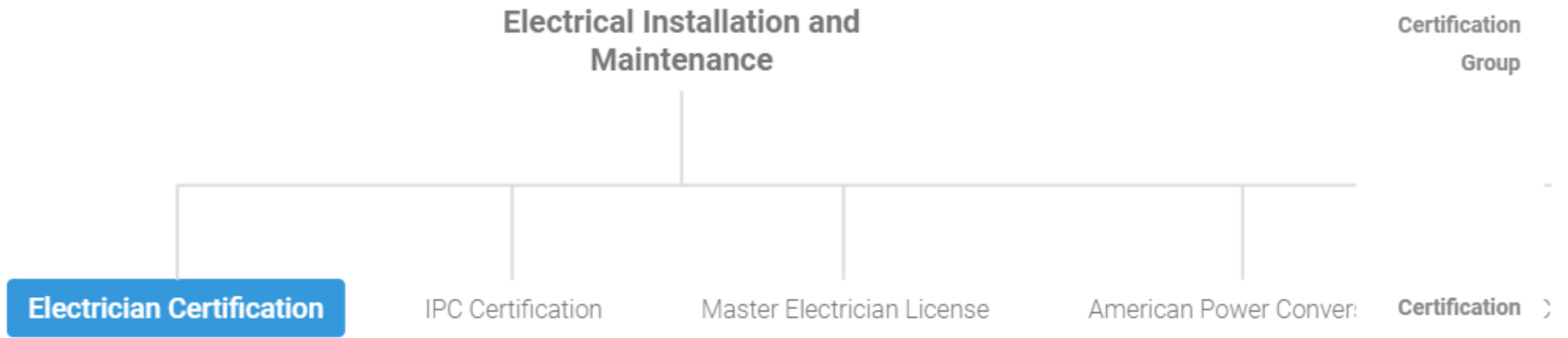


Top Occupations Requesting Certification(s)

Occupation	Associated Education Level
Electrician	High school or vocational
Construction Foreman	High school or vocational
Construction Manager	Bachelor's
Field Service Technician	High school or vocational
Repair / Service Technician	High school or vocational
Electrical and Electronics Technician	High school or vocational
Mechanical Engineer	Bachelor's
Electrical Engineer	NA
Estimator	Bachelor's
Satellite / Broadband Technician	High school or vocational

Certification Taxonomy

The Electrician Certification is part of the Electrical Installation and Maintenance certification group which comprises 9 certifications.



Top Occupations

Occupation	Total Job Postings (Last 12 Months)	Job Postings Requesting Certification(s)(#)	Job Postings Requesting Certification(s)(%)	Occupation Projected Growth (10 Years)	Associated Education Level
Electrician	1,632	486	29.8%	13.3%	High school or vocational training
Construction Foreman	1,223	35	2.9%	18.1%	High school or vocational training
Field Service Technician	1,752	21	1.2%	10%	High school or vocational training
Construction Superintendent	911	17	1.9%	17.9%	High school or vocational training
Repair / Service Technician	3,883	14	0.4%	9.7%	High school or vocational training
Estimator	2,017	11	0.5%	16.2%	Bachelor's degree
Electrical Engineer (General)	1,644	11	0.7%	12.1%	NA
Electrical Engineering Technician	598	11	1.8%	7.3%	High school or vocational training
HVAC Mechanic / Installer	2,407	9	0.4%	19.6%	High school or vocational training
Mechanical Engineer (General)	1,404	8	0.6%	10.3%	Bachelor's degree

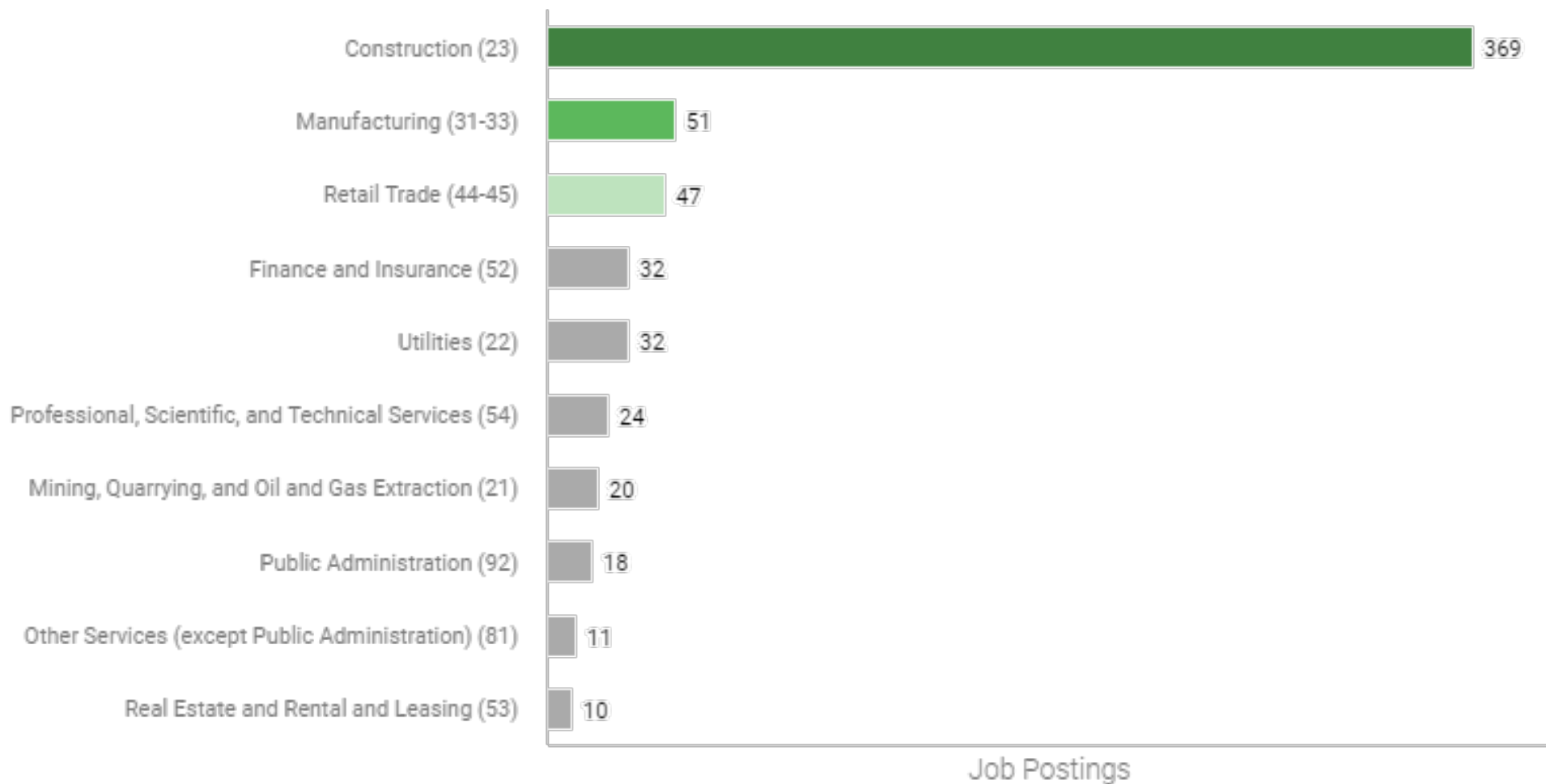
Top Co-occurring Skills

	Skill	Job Postings
1	Electrical Work	670
2	Repair	404
3	Wiring	264
4	Electrical Systems	256
5	Customer Service	190
6	Electrical Experience	190
7	Occupational Health and Safety	171
8	Power Tools	143
9	Hand Tools	138
10	Electrical Wiring	125

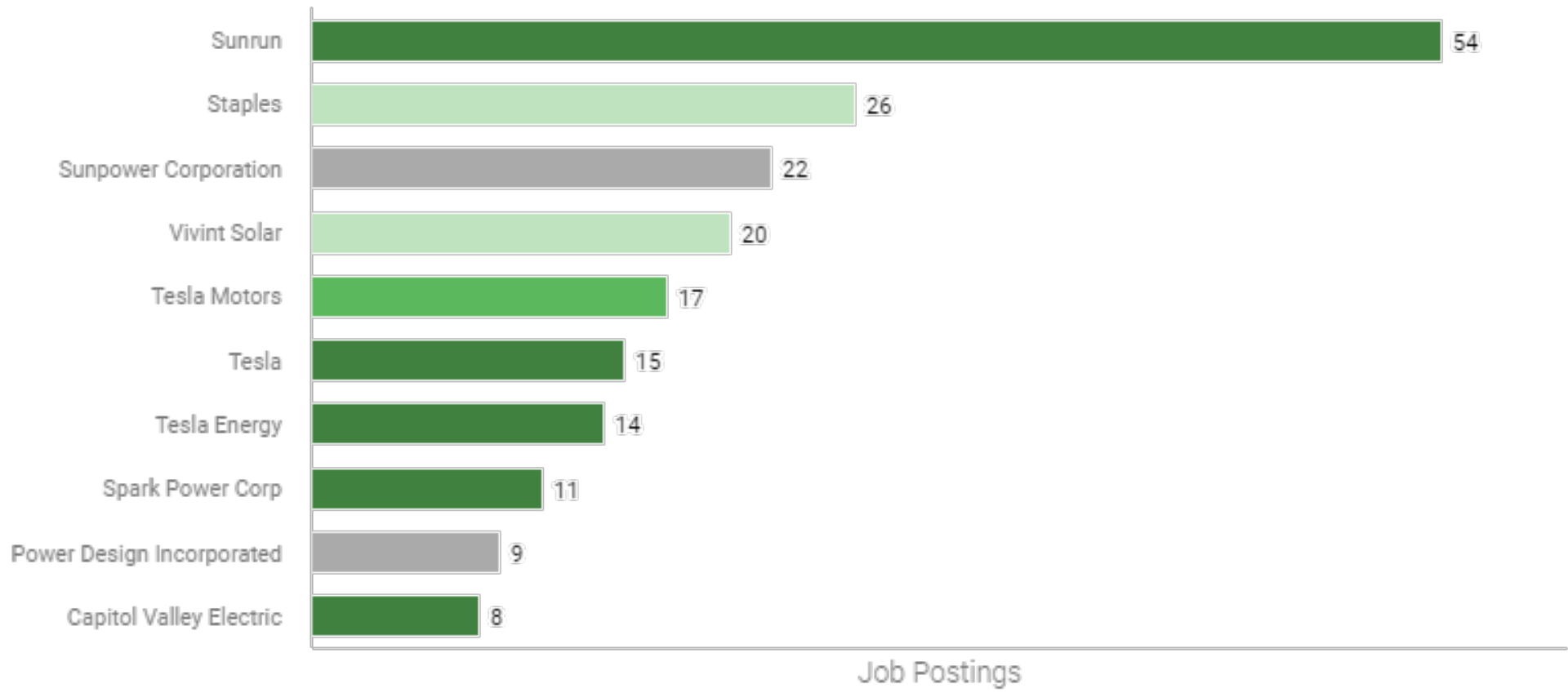
Currently displaying: Specialized

Top Industries

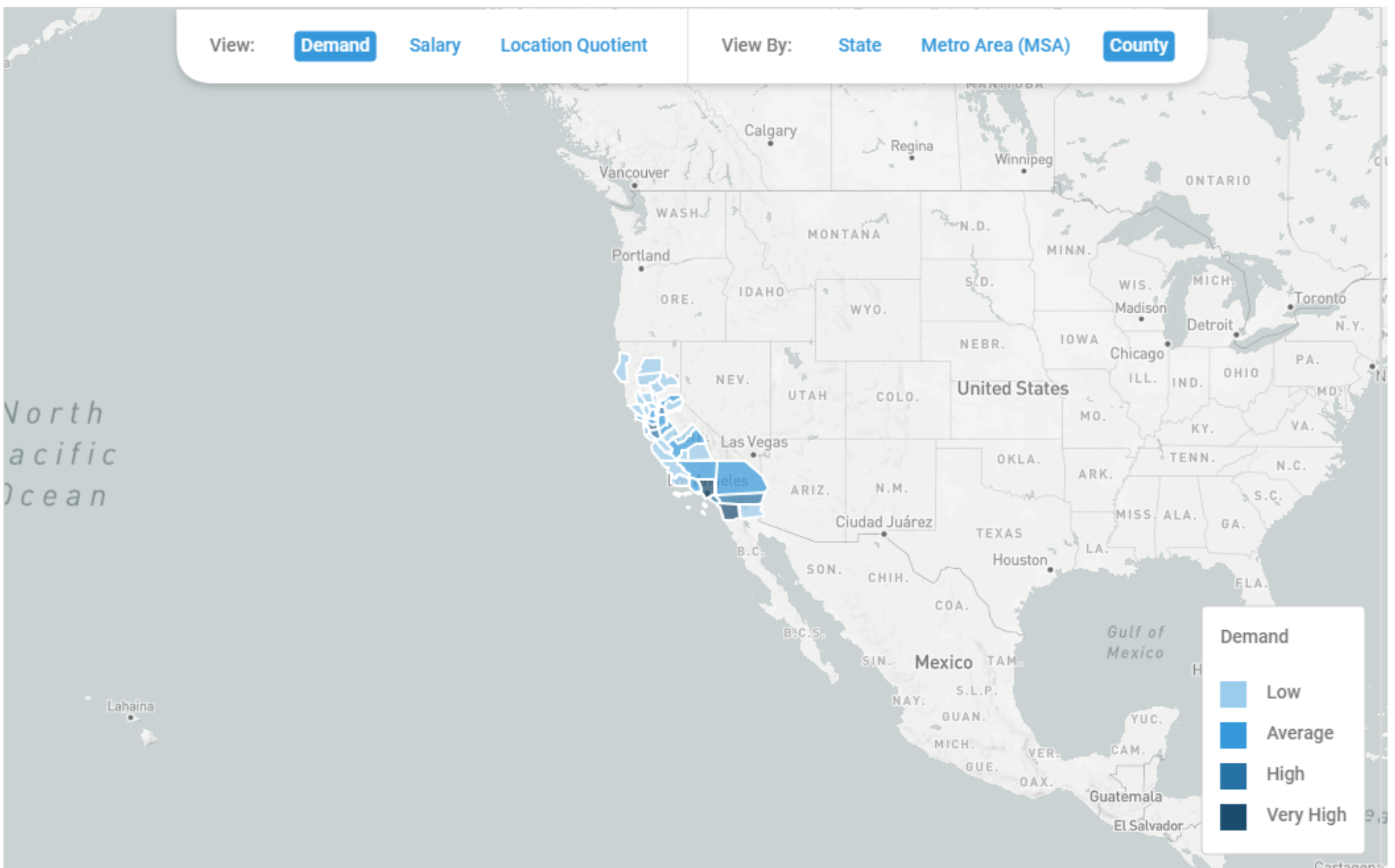
Currently displaying: 2digit













Top Employers



Top Locations



County	Job Postings (Last 12 Months)	Median Salary	Location Quotient
Los Angeles, CA	526	\$54k	0.7 
San Diego, CA	349	\$47k	1.0 
Alameda, CA	302	\$56k	1.5 
Orange, CA	263	\$55k	0.8 
Santa Clara, CA	217	\$63k	0.8 
Sacramento, CA	209	\$55k	1.4 
Riverside, CA	191	\$48k	1.4 
San Bernardino, CA	181	\$54k	1.1 
Kern, CA	158	\$51k	3.0 
Fresno, CA	149	\$53k	2.1 

Hard to Fill Jobs

There are (210,170 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

Active Selections

Last 12 months AND (County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA) AND ((Education : Both sub-baccalaureate and bachelor's-level credentials (inferred)) AND (Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified)))

*Location quotients show how concentrated demand is within a particular geography. US-wide average demand equals 1.0; an LQ of 1.2, for example, indicates 20% higher demand than the US average (or 1.2 times the US concentration). Grayed out values should be used with caution due to low posting totals.

*Time to Fill for a particular BGTOCC is determined using historic data for jobs. The indicators (Easier/Much Easier/Similar/Harder/Much Harder) are for a BGTOCC in the selected location relative to that occupation nationwide. Grayed out values should be used with caution due to low posting totals.

BGTOCC	BGTOCC Family	Number of Job Postings	Time to Fill	Burning Glass Salary	Location Quotient
Electrical and Electronics Technician	Engineering	Medium (2,055)	Similar (35 days)	\$59,038	Average (1.0)
Electrical / Electronic Designer	Engineering	Medium (226)	Similar (39 days)	\$89,851	High (1.4)

Unspecified postings: 0

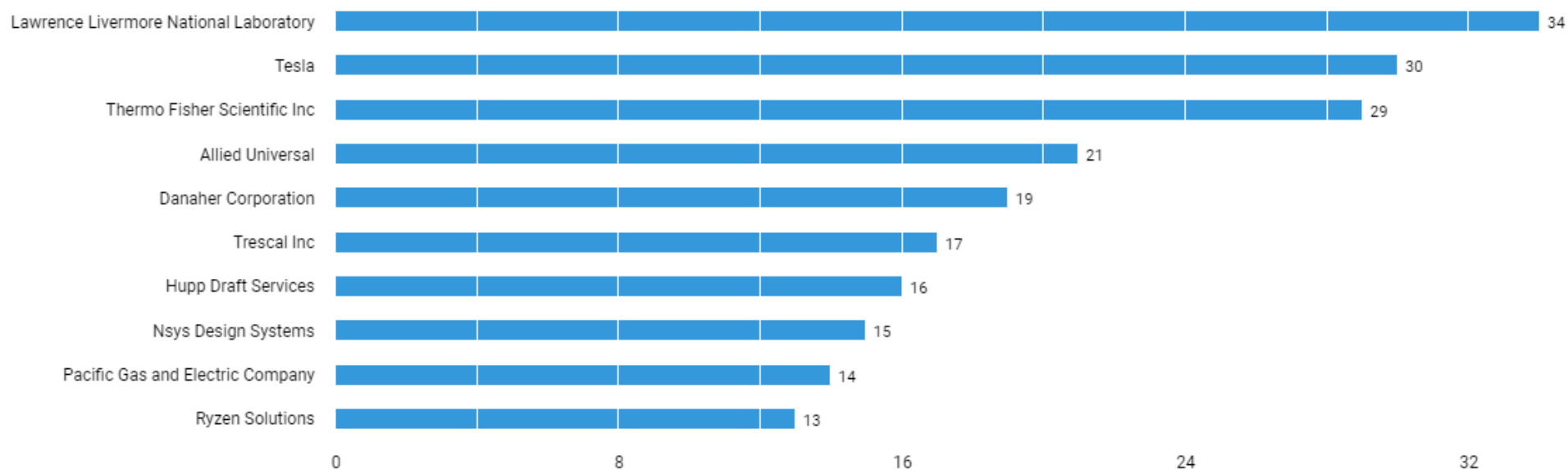
Hard to Fill Jobs

There are (2,281 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

Active Selections

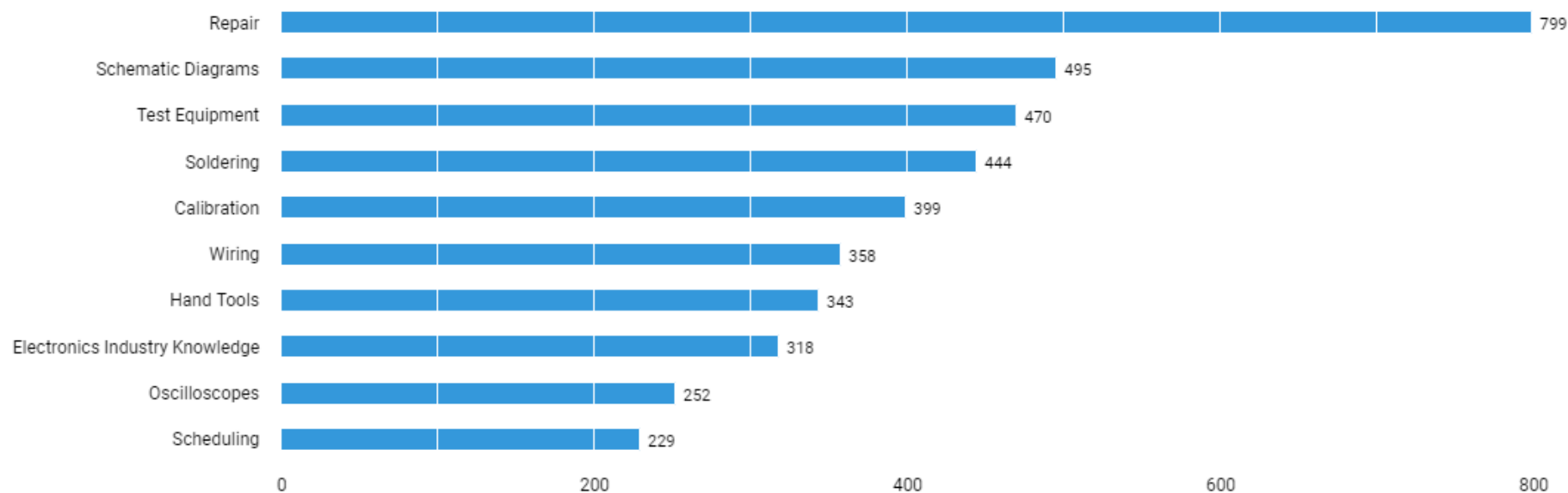
Last 12 months AND (County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA) AND (BGTOCC : Electrical and Electronics Technician OR BGTOCC : Electrical / Electronic Designer) AND ((Education : Both sub-baccalaureate and bachelor's-level credentials (inferred)) AND (Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified)))

Who are these employers?



Unspecified postings: 643

What are the most requested skills? (Specialized Skills)



Unspecified postings: 158

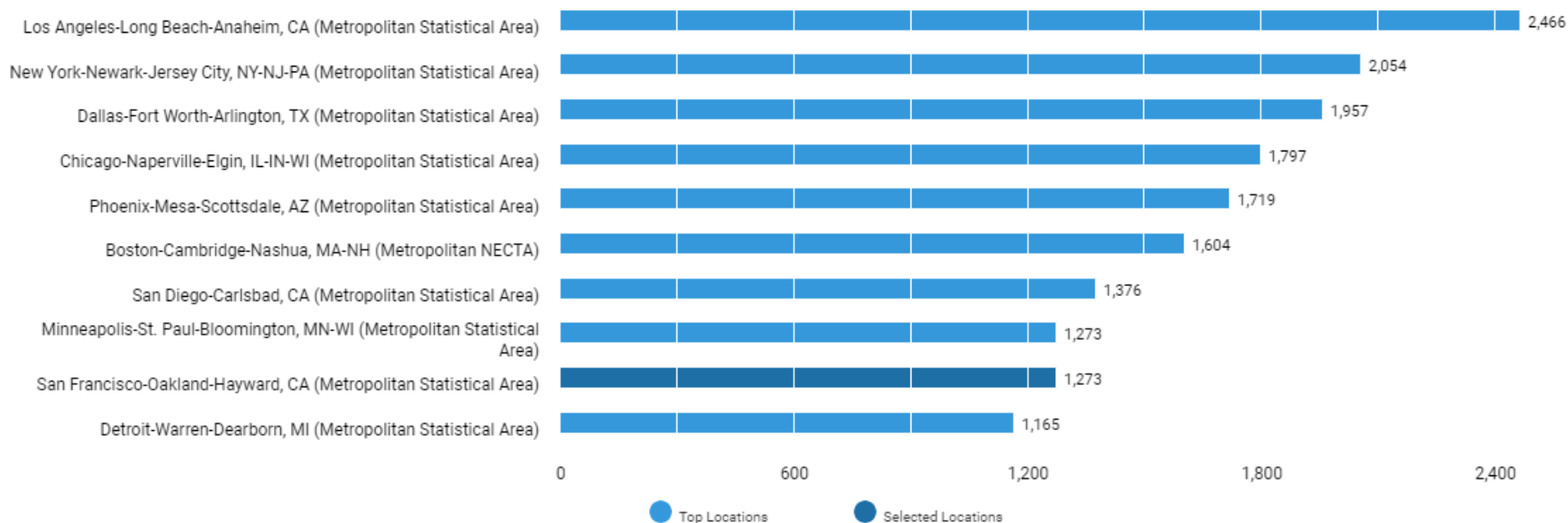
Hard to Fill Jobs

There are (2,281 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

Active Selections

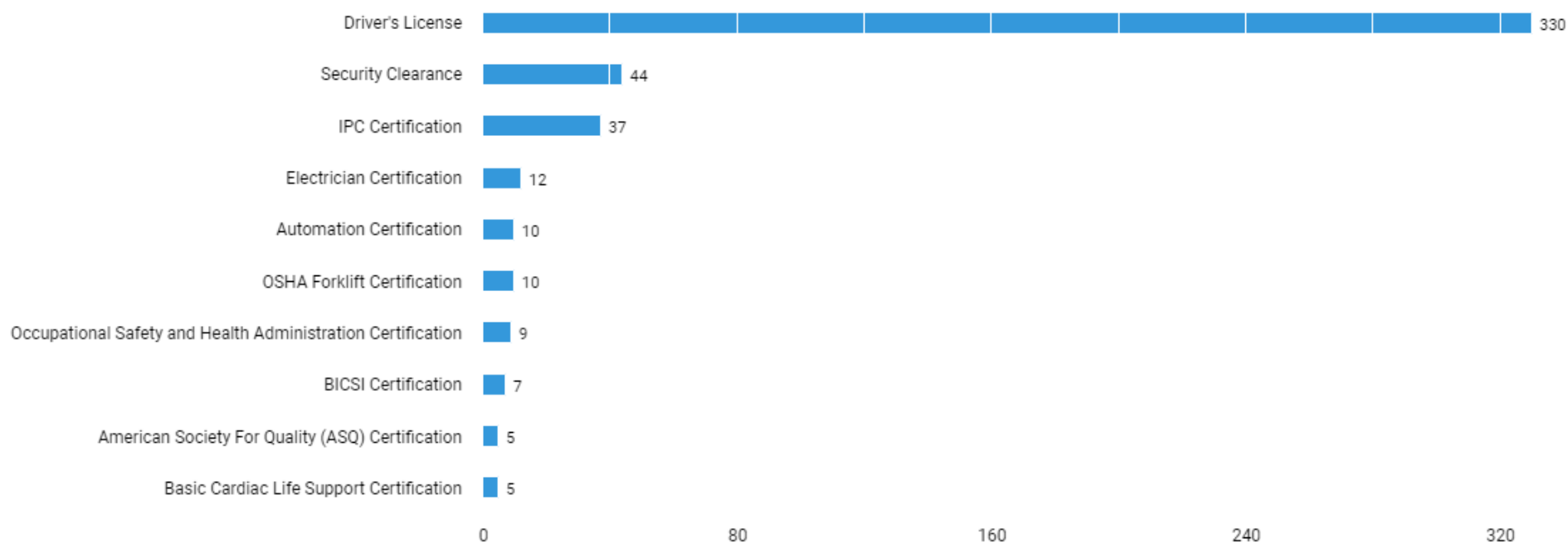
Last 12 months AND (County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA) AND (BGTOCC : Electrical and Electronics Technician OR BGTOCC : Electrical / Electronic Designer) AND ((Education : Both sub-baccalaureate and bachelor's-level credentials (inferred)) AND (Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified)))

What are the in-demand locations?



Unspecified postings: 4,886

What are the most common certifications for these jobs?



Unspecified postings: 1,812

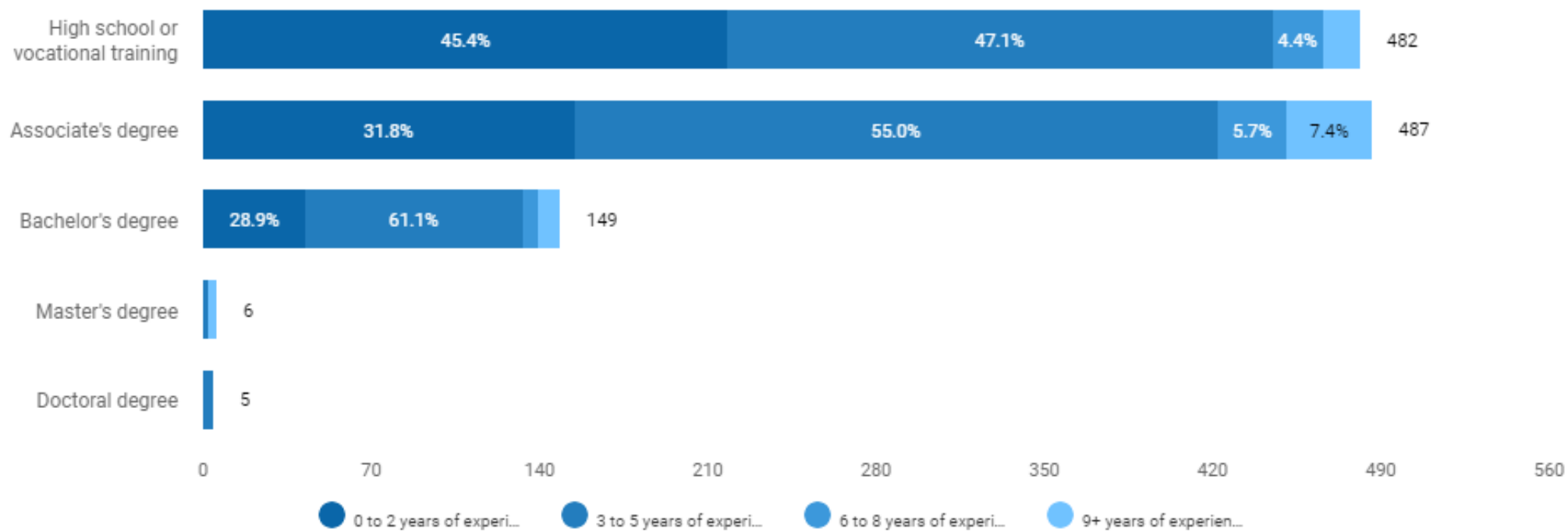
Hard to Fill Jobs

There are (2,281 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

Active Selections

Last 12 months AND (County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA) AND (BGTOCC : Electrical and Electronics Technician OR BGTOCC : Electrical / Electronic Designer) AND ((Education : Both sub-baccalaureate and bachelor's-level credentials (inferred)) AND (Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified)))

What are the education and experience levels for these jobs?



Unspecified postings: 1,421