

## 2021-22 Program Review

Program Name: Building Inspection Technologies

Program Contact: Francisco Gamez

Academic Year: 2021

Status:

Updated on: 9-24-21

### **INTRODUCTION: WHAT IS PROGRAM REVIEW FOR?**

The goal of program review is to assess how well our programs are doing. Program review asks us

- to reflect on the state of student learning or support in our disciplines and programs, by discussing
  - efforts to achieve equity across student populations and modes of delivery;
  - results of assessment activities aimed at improving or researching student learning;
  - new challenges or changes to the program.
- to identify resources that we need to change and improve.

Though program review is tied to accreditation, ultimately, we want program review to be meaningful for us. This means we want to use program review to highlight and celebrate what is working, identify what isn't and to figure out what we can do about it. Program review also provides an opportunity to assess how those things work in practice, and work to improve our practices to be able to serve our students even better. It also serves to create cross-campus understanding and dialogue and make more informed decisions in our teaching and programs. Program review is also an opportunity to advocate for change and for resources by showing need and equity issues that we need additional support to be able to address.

### **1. Description of Program (200-400 words)**

- Provide a brief description of the program and how it supports the following:
  - [CSM Mission and Values Statements](#)
  - CSM Statement of Solidarity
  - [CSM's Strategic Priorities](#)
  - [SMCCCD's Strategic Goals](#)
- Identify any factors, including federal, state, or local initiatives, that have impacted the program and the students served:

CSM's Building Inspection programs plays a vital role CSM's Business & Technology Division. This program offers students a selection of certifications and degrees that prepare students for careers as Building Inspectors for both private and public sector employers. Students learn essential, current information about local and municipal building codes in courses that span electrical, plumbing, structural, ADA and energy and sustainability applications. Building Inspection courses are taught by experienced, real-world building inspectors who combine classroom instruction with their real life experiences. Students who complete a CSM building inspection certificate will be able to enter this career path with a solid, well-informed foundation.

Although this program is composed solely of adjunct faculty members, the current team is very collegial and productive. They work together at CSM and also in their industry cluster. Effective in March 2020 the program transitioned to a distance learning modality.

Members of the adjunct faculty, together with the department Dean, updated the course sequence through 2025. The schedule was constructed in the most practical way for students to complete the program within a 3- 5 semester timeline to facilitate the needs of the largest number of certificate and degree completers.

In accordance with the CSM Diversity Statement, the Building Inspection program fosters a safe environment that encourages the exchange of ideas that promotes equal opportunity. The program has historically been a program with more male students. Recently, due to faculty recruitment efforts, the program has seen an increase in female students enrolling in classes and entering the building inspection profession. The Building Inspection program has high enrollments of re-entry students who seek to retool their career trajectories as well as students already employed in the building inspection industry who desire to upgrade their skill sets for further advancement.

## **2. Results of Previous Program Review (200-500 words)**

- a) Describe the results of your previous Program Review's action plan and for identified equity gaps.
  - a. Previous Goals
    - i. Design two new Building Inspection courses:  
BLDG 765: Sustainable Green Energy Practices and BLDG 795: Sustainable Building Practices
    - ii. Incorporate into the advanced Building Inspection Sustainable Green Energy Practices class and the Sustainable Building Practices classes.
    - iii. A schedule has been planned through 2020 to address the long term needs of graduating students so they can be certificate and degree completers.
    - iv. A new 4.5 unit course has been designed - BLDG 710: Building Inspection. This comprehensive course will address the overarching learning needs for incoming building inspection students.
  - b. Results Achieved
    - i. A schedule has been planned through 2025 to address the long term needs of graduating students so they can be certificate and degree completers.
    - ii. BLDG 710: Building Inspection is currently within the catalog and has been taught since Fall 2019.
    - iii. Follow a two to three year schedule cycle that accommodates the needs of certificate and degree completers;  
4.) Design courses in a distance learning modality.
  - c. Plans still in progress
    - i. The sustainable and green energy in building design, have not been developed, as the Business and Technology Department has not been able to hire the faculty to develop the new courses in green energy and sustainability.
  - d. Any notable or surprising results and outcomes None

- b) Explain any curriculum or programmatic changes since last program review
  - a. To specific courses, or to any discipline as a whole
    - i. A new 4.5 unit course (BLDG 710: Building Inspection) has been implemented and the former introductory course (BLDG 700: Introduction to Building Inspection) has been banked.
  - b. Includes degree, certificate, or course sequences, program delivery or structure, etc
    - i. Students are completing their specialty certifications for Residential Building Inspection and Commercial Building Inspection.

### 3. Current Program Review (200-400 words)

Please use the statistics below, which are college-wide, as a reference. Please refer to the Program Review website for individual program data.

College Stats 2020-21	Ethnicity	First Gen	Age	Gender	Total
<b>Headcount (unduplicated)</b>	Latinx 32% White 26% Asian 19% Filipino 7% Multi Races 7% African American 3% Pacific Islander 2% Unknown 4% Native American 0%	48% of our students are the first in their family to go to college.	66% Under 24 yrs. 20% Ages 25-34 15% over 35 yrs.	50% Female 47% Male 2% Unknown	10,910 students
<b>Enrollments (duplicated)</b>	Latinx 32% White 25% Asian 19% Filipino 7% Multi Races 8% African American 3% Pacific Islander 3% Unknown 3% Native American 0%	47% of enrollments were by students who are the first in their family to go to college.	73% Under 24 yrs. 16% Ages 25-34 11% over 35 yrs.	48% Female 50% Male 2% Unknown	32,761 enrollments

- (a) Student population equity:** Discuss any gaps in student success, persistence, satisfaction, utilization or enrollment across student populations (statistics provided for ethnicity, first-gen, age, gender and total enrollment), or student population served.
- Findings: What has changed from the previous program review?
  - Analysis: What factors do you feel contribute to these gaps?
  - Resources: If you were granted a resource request, please note what that was and the impact it had.
  - Plans to address opportunity gaps: What has your program done to address these gaps? Include information on:
    - interventions implemented
    - any successes in closing gaps
    - ongoing challenges

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**Note: If these interventions constituted your discipline-level assessment, please see “(c)” below.**

Findings	Analysis	Resources	Plans to Address Opportunity Gaps
1. Records indicate that of the 64 students enrolled, 15 are female and 48 are male; 4 students are disabled and 60 are not disabled;		College of San Mateo Delivery Mode Course Comparison Fall 2021 Submission Cycle, Student Success Indicators: Spring 2021	None N/A
2. Records indicate that of the 64 students enrolled, there are 13 Asian, 1 African-American, 19 Hispanic, 5 Pacific Islander, 22 White, 2 Multi Races, and 2 Unrecorded		College of San Mateo Delivery Mode Course Comparison Fall 2021 Submission Cycle, Student Success Indicators: Spring 2021	None N/A
3. Records indicate that of the 64 students enrolled, the age demographic is older.	19 or less 1 20-24. 4 25-29. 7 30-34. 11 35-39. 11 40-49. 11 50+ . 19	College of San Mateo Delivery Mode Course Comparison Fall 2021 Submission Cycle, Student Success Indicators: Spring 2021	None N/A

**(b) Modes of Delivery equity:** Discuss any gaps in student success, persistence, satisfaction, utilization or enrollment, and student population served across different delivery modes. Please comment on in person services/instruction vs hybrid services options/instruction vs completely online services/instruction.

- Changes since last Program Review: What has changed, in terms of gaps, since last program review?
- Analysis of gaps: What factors do you feel contribute to these gaps?
- Plans to address opportunity gaps: What has your program done to address these equity gaps? Include information on:
  - interventions implemented
  - any successes in closing gaps
  - ongoing challenges

**Note: If these interventions constituted your discipline-level assessment, please see “(c)” below.**

Changes since last Program Review	Analysis of Gaps	Plans to Address Opportunity Gaps
1. Student Success Rate is 95.3%	None	N/A

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2. Student Retention Rate is 98.4%	None	N/A
3. Distance learning modality implemented: Building 710, 730, 735, 750, 760, and 790 are taught in Distance Mode.	None	N/A

**(c) Discipline-level and SLO (Student Learning Outcomes) assessment/Student Services and SAO (Service Area Outcomes) assessment:** Describe learning or area assessment plans implemented since last Program Review, **including any activities undertaken to address equity or delivery mode gaps.** Your summary should explain:

- SLO/SAO
  - What did the assessment focus on?
  - Was it was a discipline-specific or interdisciplinary (for instruction only)?
  - Why was it prioritized (e.g., equity issue, key disciplinary issue, etc.)?
- Assessment results
  - What was the activity or intervention?
  - What were the outcomes?
- Program improvements implemented
  - What did you learned from it?
  - What changed?

SLOs/SAOs	Assessment Results	Program Improvements Implemented
<ul style="list-style-type: none"> <li>▫ 1. To both recognize and comprehend installation and inspection procedures involved within the California Building Standards Code (Building, Electrical, Energy, Mechanical, Plumbing, Residential, and Structural Design) as addressed</li> </ul>	Student Success Rate is 95.3% and the Student Retention Rate is 98.4%	The Building Inspection program pursues student success and equity goals by keeping in touch with industry advisors and updating courses and curriculum to remain current in building inspection codes and regulations. Building Inspection faculty are currently adjunct faculty members who work as professional building inspectors in the field. Each faculty member possesses relevant expertise in their pedagogical disciplines.

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within course lecture, text and supplemental materials. Describe the features of accessible design, installation and recognize their application to State and Federal law and regulations.		Faculty members have deep expertise in the following areas of building inspection: electrical, plumbing, energy and sustainability, general, structural, and ADA compliance. With this type of varied expertise, faculty have been able to develop a responsive, high quality program that supports the college mission and enables students to be successful in their certificate, degree and career goals.
2.		
3.		

**(d) Challenges and Opportunities:** Describe any **other** particular challenges, opportunities, or other factors that impact the success of your program (e.g., natural or health disasters, assessing whether a degree program is meeting its learning outcomes, developing new degree programs or courses, adapting to a changing student population, keeping a flagging program alive, starting a learning community, etc.).

## **4. Planning**

### **a) Program goals**

Based on your current review of your program's equity gaps, learning assessments and challenges and opportunities, identify specific goals and plans.

Please note that closing equity gaps is a College-wide priority. If there are significant equity gaps in student success, persistence, satisfaction, utilization or enrollment, and student population served in your program, these should be addressed in at least one of your goals.

For each goal, you should include

- A brief description of the issue being addressed (equity gap, etc.)
- What actions you plan to take
- What measurable outcomes you hope to achieve
- A timeline
- Who is responsible

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- What support do you anticipate needing in order to achieve your goals and plans, including:
  - Professional development activities
  - Institutional support
  - Collaborations
  - Training
  - Resources

Goal	Actions	Measurable Outcomes	Timeline	Responsible Party	Support Needed
1. Program Competition & Student Employment Demand	Student Success Rate is 95.3% and the Student Retention Rate is 98.4%	Employment demand for Building Inspectors in the five Bay area counties was 466 jobs in 2019-20. The annual median earnings were \$70,745.	2019-2020	N/A	N/A
2.					
3.					

## 5. CE Only

- a) Review the program's available labor market data, as applicable, and explain how the program meets a documented labor market demand. Here are two relevant links:
  - a. [State of California Employment Development Department, Labor Market Information Division](#) (the official source for California Labor Market Information):
    - i. Certification Metrics indicate that there have been 466 jobs in 2019-20 that are applicable to the field of Building Inspection Technologies in the last 12 months, with annual median earnings being \$70,745. The Associated Education Level related to entry level building inspection is listed as High School or vocational school; an Associate's degree is also specified for job postings. For the Building Inspection Technologies program, the Student Success Rate is 95.3% and the Student Retention Rate is 98.4%
  - b. [Employment data](#) (by Program Top Code) from the State Chancellor's Office
    - i. For the top code (095720)- Construction Inspection the CTE Data from the State Chancellor's Office indicates:
      1. 91.3% of graduates attained the required skills for this field.
      2. 100% of graduates persisted to complete a certificate or degree.
      3. 66.67% of graduates obtained employment in this field.

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- b) Summarize student outcomes in terms of degrees and certificates. Identify areas of accomplishments and areas of concern.
  - a. Based upon data from CSM Research Request, Fall 2021 Submission Cycle: Student Success and Core Program Indicators, of the 135 students enrolled in the 2020-2021 academic year, there was a retention rate of 100% and a success rate of 97%. No students withdrew from the program.
- c) Review and update the program's Advisory Committee information. Provide the date of most recent advisory committee meeting and outcomes of the meeting (updates, changes, new members, etc).
  - a. An advisory committee meeting was held in March 2021 during the 2020-2021 academic. The next advisory committee meeting was held in September 2021 2021-2022 academic year.
  - b. The Advisory Committee consists of individuals who are Chief Building Officials (CBOs) or Senior Building Inspectors. The Advisory Committee members are:
    - i. Marty Cooper, CBO, Foster City
    - ii. Mike Mitchell, Senior Inspector (retired), San Francisco (Mechanical. Plumbing, Energy Specialty)
    - iii. Brent Hipsher, CBO, San Mateo
    - iv. Rick Halloran, Senior Inspector (retired), San Francisco (ADA Specialty)
    - v. Homer Maiel, CBO (retired), Cupertino
- d) What strategies have you discussed in your recent Advisory Committee's meetings to meet the needs and challenges of getting people retrained and back to work?
  - i. The adjunct faculty implemented the transition to distance learning during the COVID-19 emergency.
  - ii. The adjunct faculty developed a course sequence through 2025.
  - iii. The adjunct faculty initialed actions to hire additional adjunct faculty due to retirement of instructors.
  - iv. The adjunct faculty in the program completed the District Human Resources' Unconscious Bias in Hiring Training program. These individuals also participated in several adjunct faculty hiring committees.
  - v. Faculty members attended the ICC (International Code Council) and the IAPMO (International Association of Plumbing and Mechanical Officials) conferences. Faculty also attend other ongoing professional development activities to maintain their current knowledge in the discipline.
  - vi. The building inspection program would like to work more closely with the business/management program because of its broader scope and full time faculty members.



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- e) Only for 2021-22 Program Review, please review the TOP codes, SOC codes, SAM codes, and CIP codes for your courses to ensure that they are aligned, and provide any updates below.

# 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 - Building/Home/Construction Inspection/Inspector (46.0403) OR Program of study : Award of at least 1 but less than 2 academic years - Building/Home/Construction Inspection/Inspector (46.0403) OR Program of study : Award of less than 1 academic year - Building/Home/Construction Inspection/Inspector (46.0403) ) )

### Total Degrees Conferred

**27**  
(-6.9% since 2015)

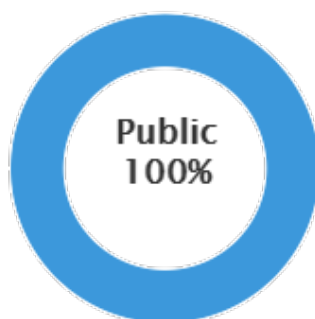
In 2019

### Number of Institutions

**4**  
(No change since 2015)

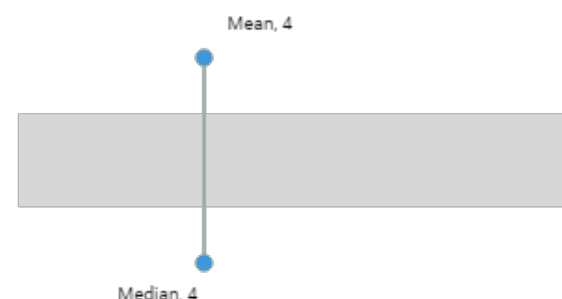
In 2019

### Market Share by Type of Institution



In 2019

### Degrees Conferred by Institution



In 2019

Institution	Type	Distance Learning	Market Share 2019 (%)	Change in Market Share 2015-2019 (%)	Change in Degree Conferrals 2015-2019 (%)	2019	2018	2017	2016	2015
Laney College	Public	No	44.4	-21.1	-36.8	12	19	16	15	19
Diablo Valley College	Public	No	29.6	26.2	700.0	8	5	2	4	1
College of Alameda	Public	No	14.8	-2.4	-20.0	4	2	5	0	5
College of San Mateo	Public	No	11.1	-2.7	-25.0	3	5	2	3	4
Merritt College	Public	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, Certified Building Inspector, Certified Residential Building Inspector

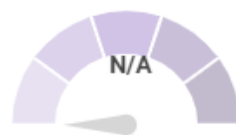
## Certification Metrics

### Job Postings

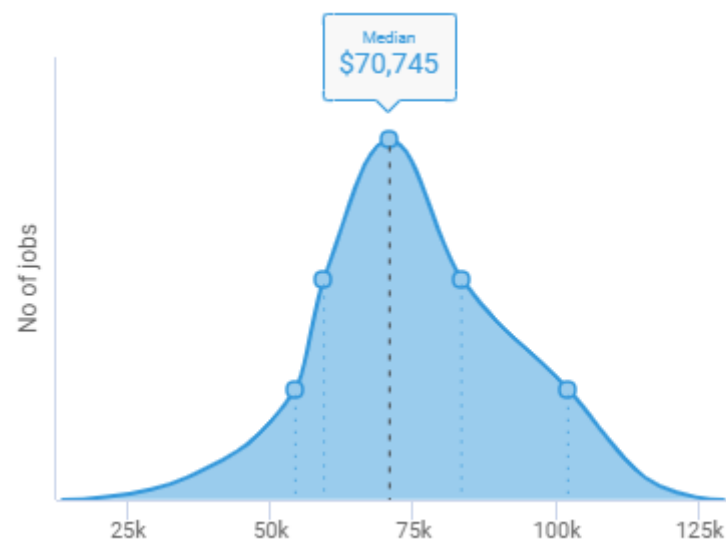
Last 12 Months



### Location Quotient



## Salary Overall



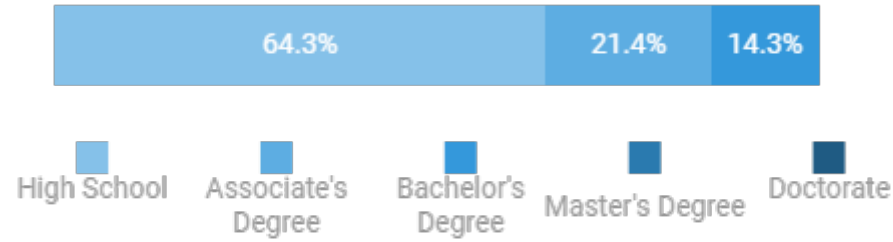
## Salary By Education

## Salary By Experience

## Years of Experience

No data available for this report with your selected filters.

## Education Level



## Top Occupations Requesting Certification(s)

Occupation	Associated Education Level
Construction / Building Inspector	High school or vocational
Healthcare Administrator	Bachelor's
Cashier	High school or vocational
Civil Engineer	Bachelor's
Compliance Manager	Associate's
Property Appraiser / Assessor	High school or vocational
Environmental Technician	NA

## Certification Taxonomy

Certification Group	Job Postings
<b>Building and Construction Inspection</b>	<b>68</b>
<b>Certification</b>	<b>Job Postings</b>
Certified Building Inspector	21
Certified Lead Inspector	18
Home Inspection	11
Certified Building Official	7
Certified Home Inspector	6
Certified Crane Inspector	2
Certified Plans Examiner	2
Certified Building Plans Examiner	1

## 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
Construction / Building Inspector	466	15	3.2%	10.3%	High school or vocational training
Cashier	4,094	1	0.0%	0.2%	High school or vocational training
Healthcare Administrator	3,245	1	0.0%	24.7%	Bachelor's degree
Civil Engineer	2,792	1	0.0%	10.4%	Bachelor's degree
Compliance Manager	2,279	1	0.0%	10.9%	Associate's degree
Property Appraiser / Assessor	337	1	0.3%	9.3%	High school or vocational training
Environmental Technician	326	1	0.3%	12.8%	NA

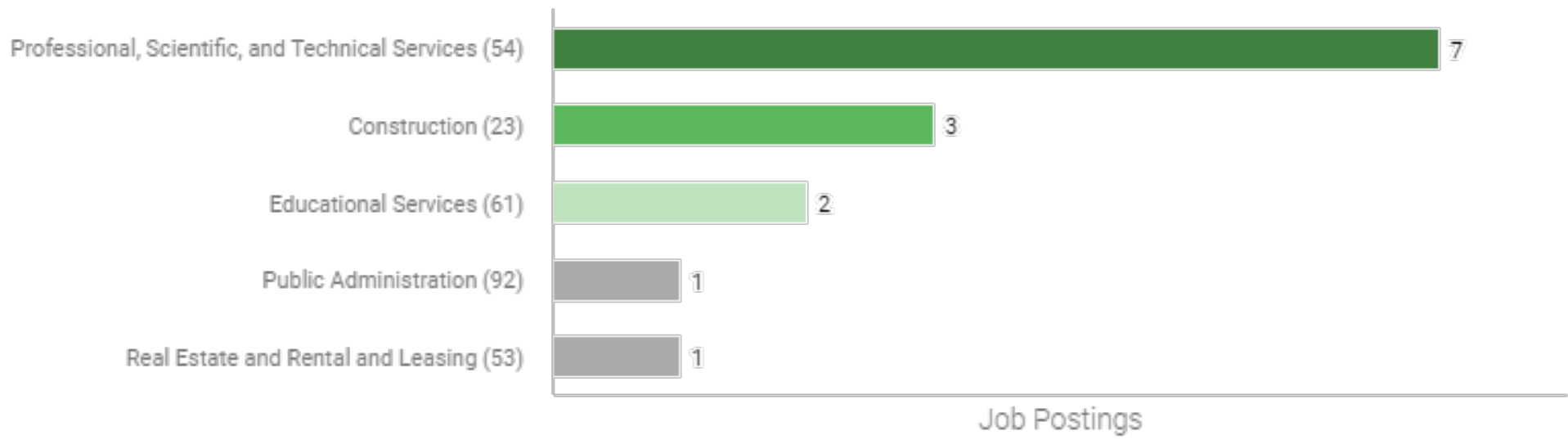
## Top Co-occurring Skills

	Skill	Job Postings
1	Building Codes	12
2	Plumbing	10
3	Building Inspection	7
4	Public Health and Safety	5
5	Construction Management	4
6	Repair	4
7	Civil Engineering	3
8	Design and Construction	3
9	Lifting Ability	3
10	Remodeling	3

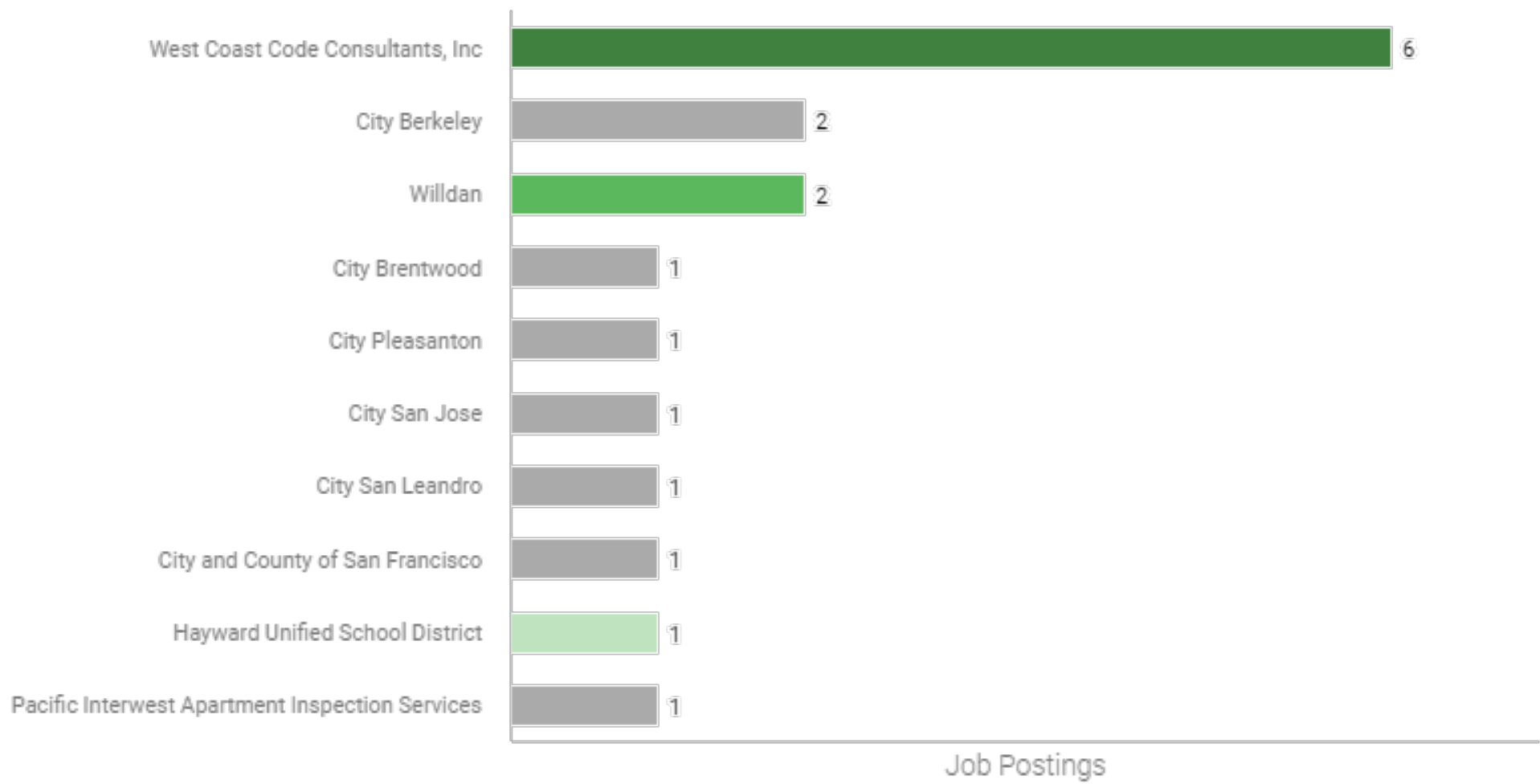
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## Top Industries

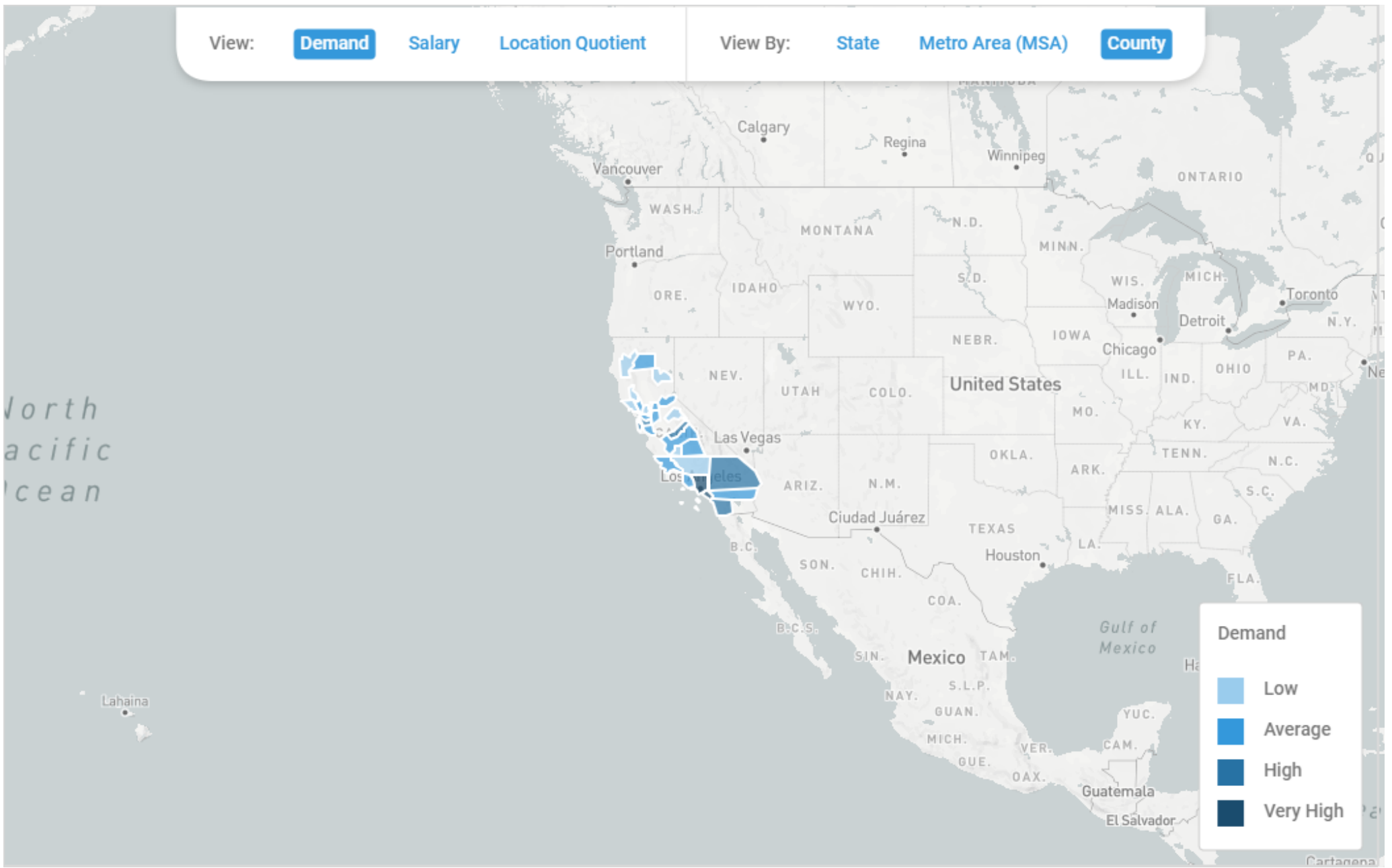
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## Top Employers



## Top Locations



County	Job Postings (Last 12 Months)	Median Salary	Location Quotient
Los Angeles, CA	25	\$57k	N/A
Orange, CA	15	\$52k	N/A
San Diego, CA	14	\$55k	N/A
San Bernardino, CA	12	\$47k	N/A
Alameda, CA	7	\$78k	N/A
Madera, CA	7	\$53k	N/A
San Mateo, CA	6	\$64k	N/A
Fresno, CA	4	\$73k	N/A
Sacramento, CA	4	\$87k	N/A
San Joaquin, CA	4	\$63k	N/A

## 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
Construction Manager	Construction, Extraction, and Architecture	High (3,042)	Similar (40 days)	\$97,410	Average (1.1)
Estimator	Construction, Extraction, and Architecture	Medium (1,199)	Similar (40 days)	\$98,752	Low (0.8)
Construction Foreman	Construction, Extraction, and Architecture	Medium (1,014)	Similar (38 days)	\$74,046	Low (0.8)
Construction / Building Inspector	Construction, Extraction, and Architecture	Low (420)	Similar (38 days)	\$76,845	Low (0.7)

Unspecified postings: 0



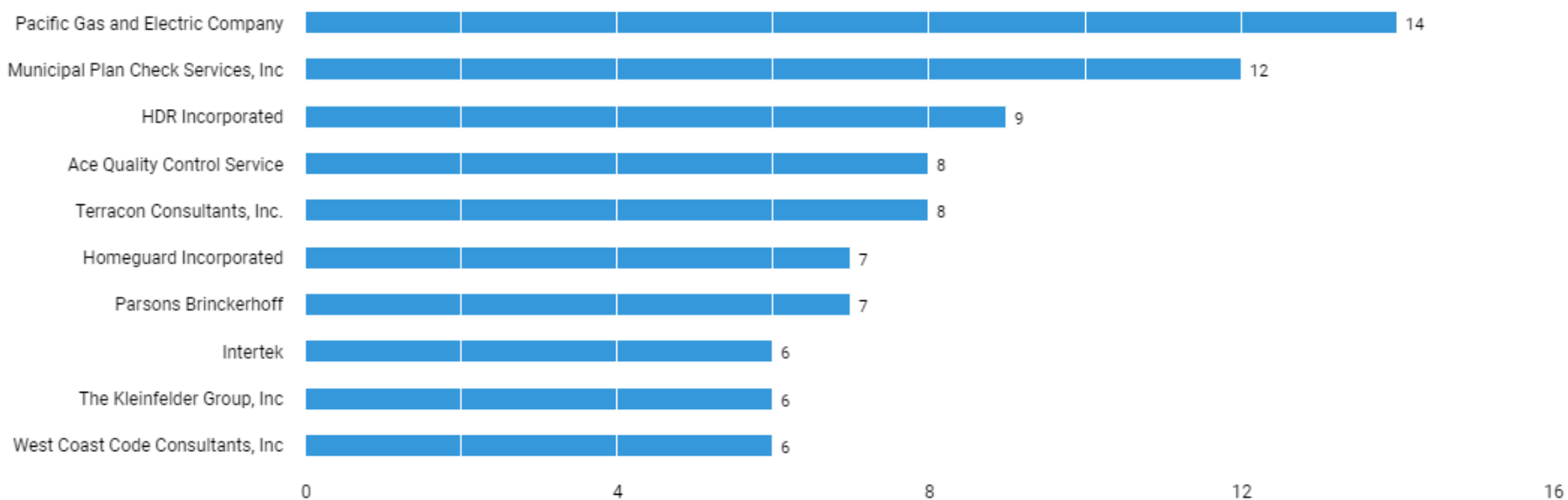
## Hard to Fill Jobs

There are (420 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

## Active Selections

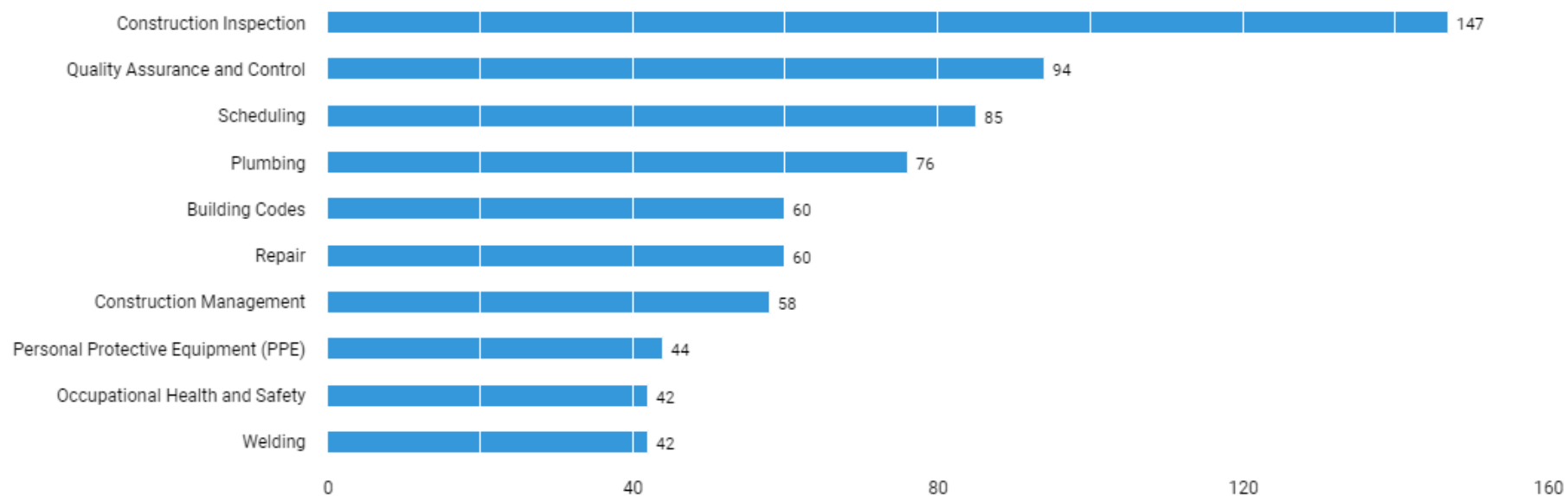
Last 12 months AND ( County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA ) AND ( BGTOCC : Construction / Building Inspector ) AND ( ( Education : Both sub-baccalaureate and bachelor's-level credentials (inferred) ) AND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

## Who are these employers?



Unspecified postings: 63

## What are the most requested skills? (Specialized Skills)



Unspecified postings: 52

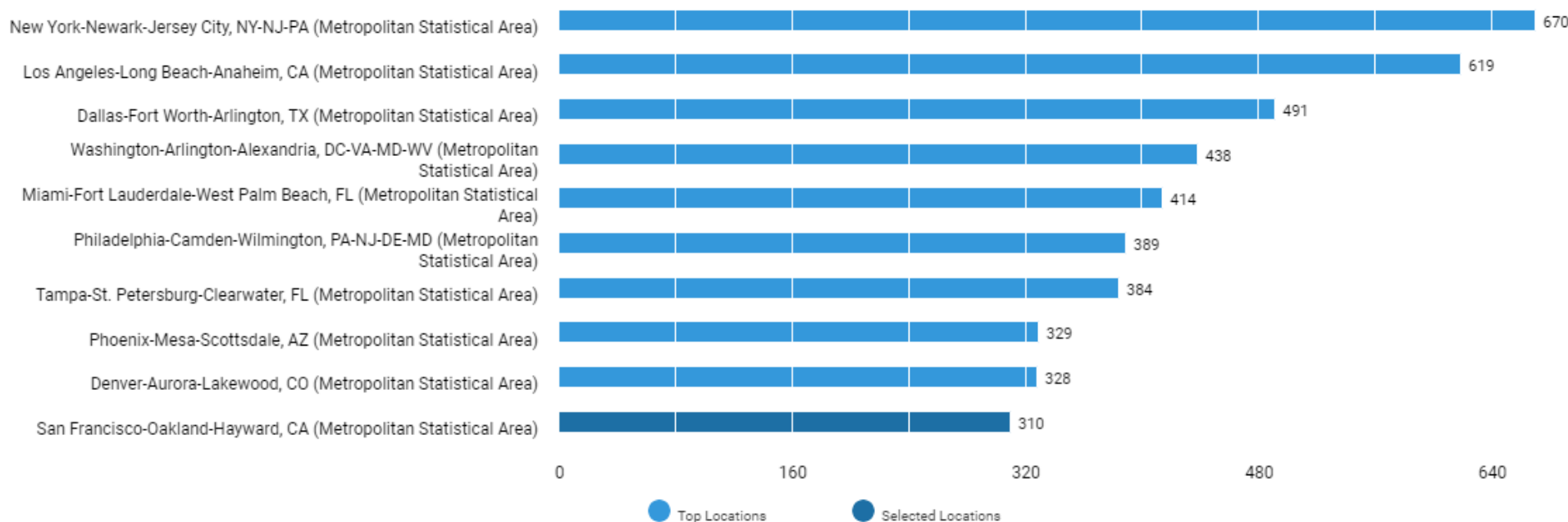
## Hard to Fill Jobs

There are (420 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

## Active Selections

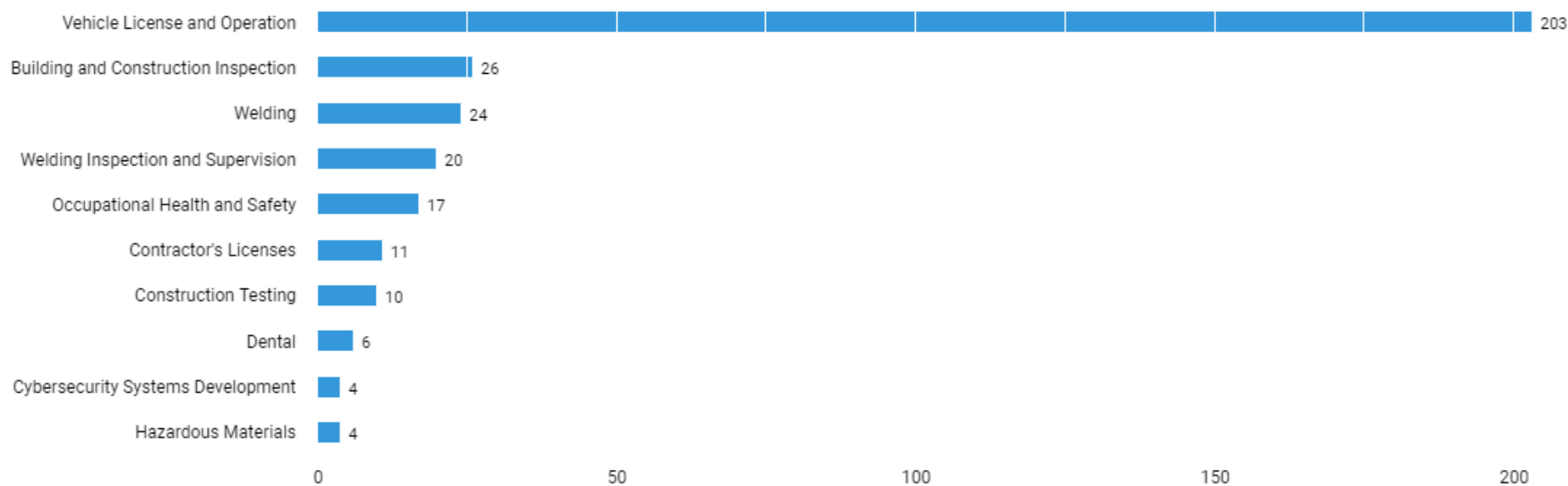
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## What are the in-demand locations?



Unspecified postings: 1,430

## What are the most common certifications for these jobs?



Unspecified postings: 158

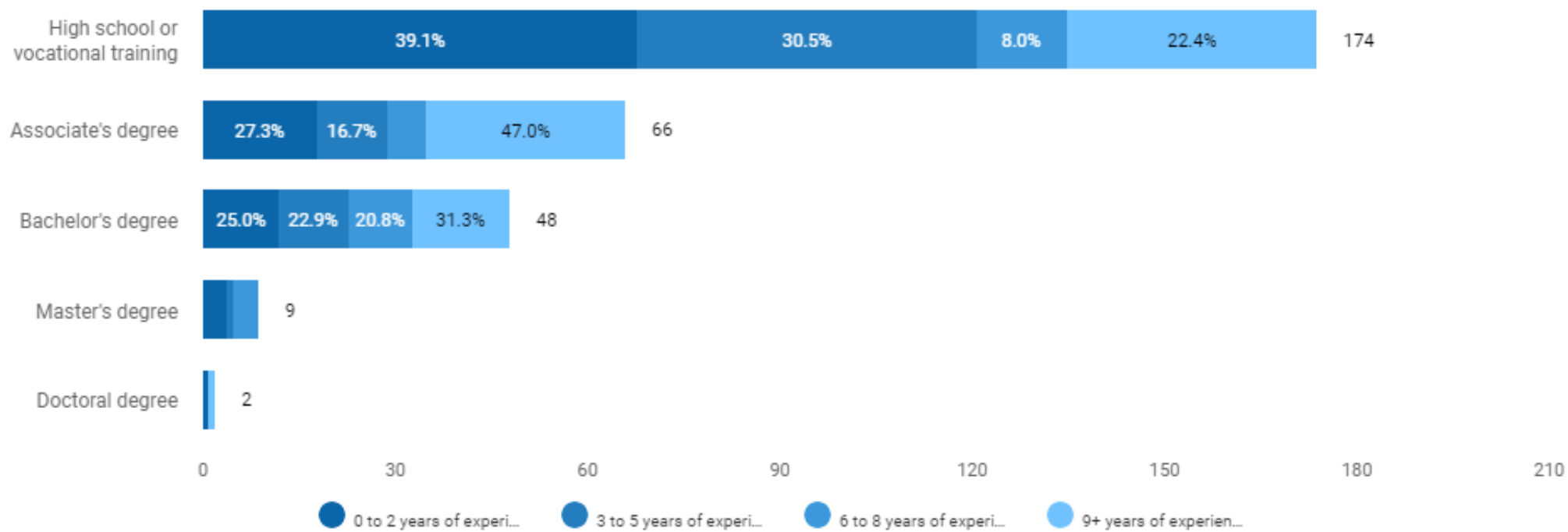
## Hard to Fill Jobs

There are (420 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 : Construction / Building Inspector ) 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: 225

## Certification Analysis

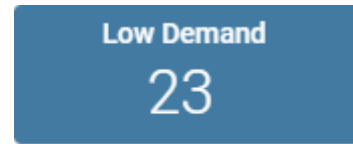
### Active Selections

San Mateo, CA, San Francisco, CA, Santa Clara, CA, Alameda, CA, Contra Costa, CA, Certified Building Inspector, Certified Residential Building Inspector

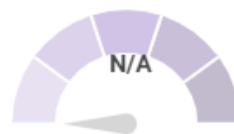
## Certification Metrics

### Job Postings

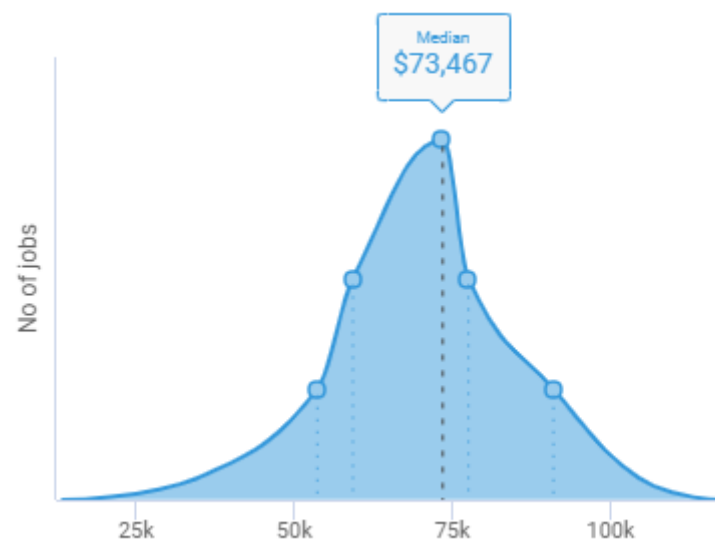
Last 12 Months



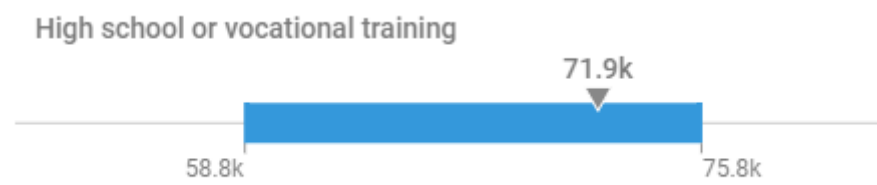
### Location Quotient



## Salary Overall

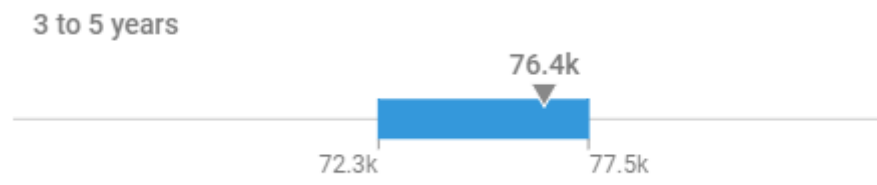


## Salary By Education



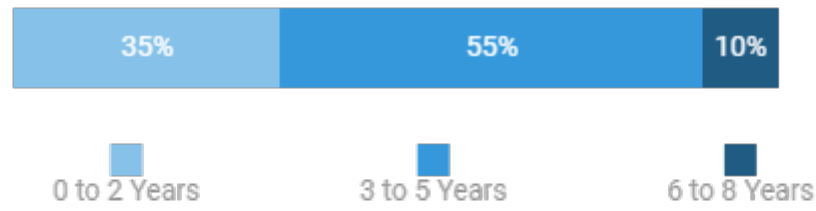
Salary distribution is not shown for education levels with insufficient sample size

## Salary By Experience

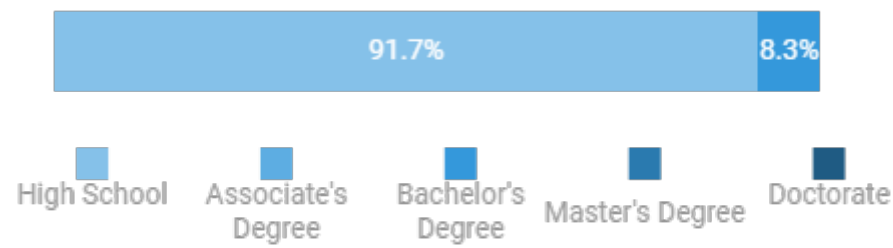


Salary distribution is not shown for experience levels with insufficient sample size

## Years of Experience



## Education Level



## Top Occupations Requesting Certification(s)

Occupation	Associated Education Level
Construction / Building Inspector	High school or vocational
Environmental Technician	NA
Cashier	High school or vocational
Civil Engineer	Bachelor's
Administrative Supervisor	NA
Property Appraiser / Assessor	High school or vocational

## Certification Taxonomy

Certification Group	Job Postings
Building and Construction Inspection	86
Certification	Job Postings
Certified Building Inspector	23
Certified Lead Inspector	19
Bpi Building Analyst	12
Home Inspection	12
Certified Building Official	10
Certified Home Inspector	4
Certified Crane Inspector	3
Certified Plans Examiner	2
Certified Building Plans Examiner	1

## Top Occupations

Specialized 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
Construction / Building Inspector	505	17	3.4%	6.2%	High school or vocational training
Environmental Technician	445	2	0.4%	17.9%	NA
Cashier	4,676	1	0.0%	2.8%	High school or vocational training
Civil Engineer	3,197	1	0.0%	10.4%	Bachelor's degree
Administrative Supervisor	668	1	0.1%	3.2%	NA
Property Appraiser / Assessor	384	1	0.3%	4.9%	High school or vocational training

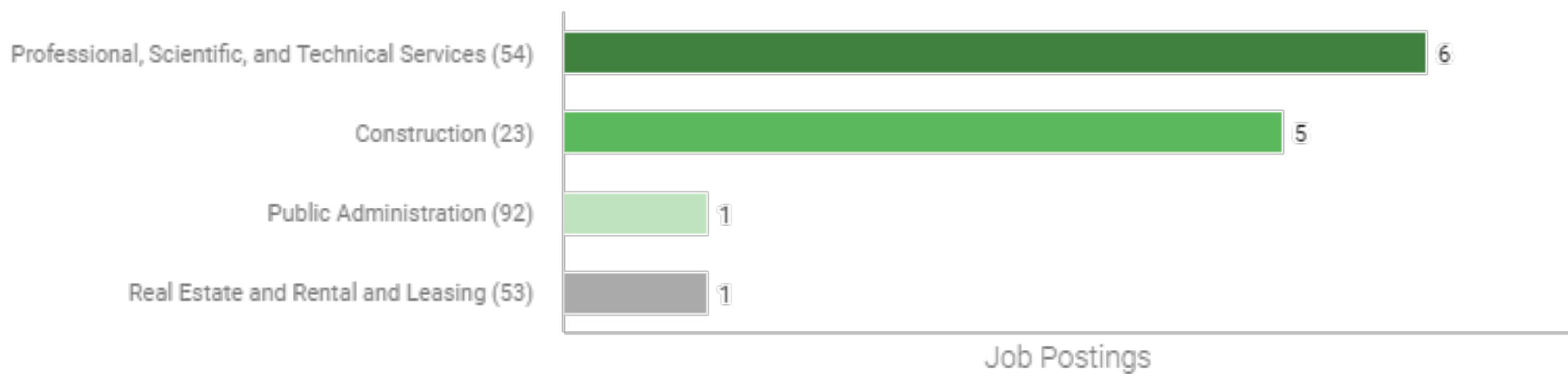
## Top Co-occurring Skills

	Skill	Job Postings
1	Building Codes	12
2	Plumbing	11
3	Building Inspection	7
4	Repair	7
5	Remodeling	6
6	Construction Management	5
7	Civil Engineering	4
8	Lifting Ability	4
9	New Construction	4
10	Public Health and Safety	4

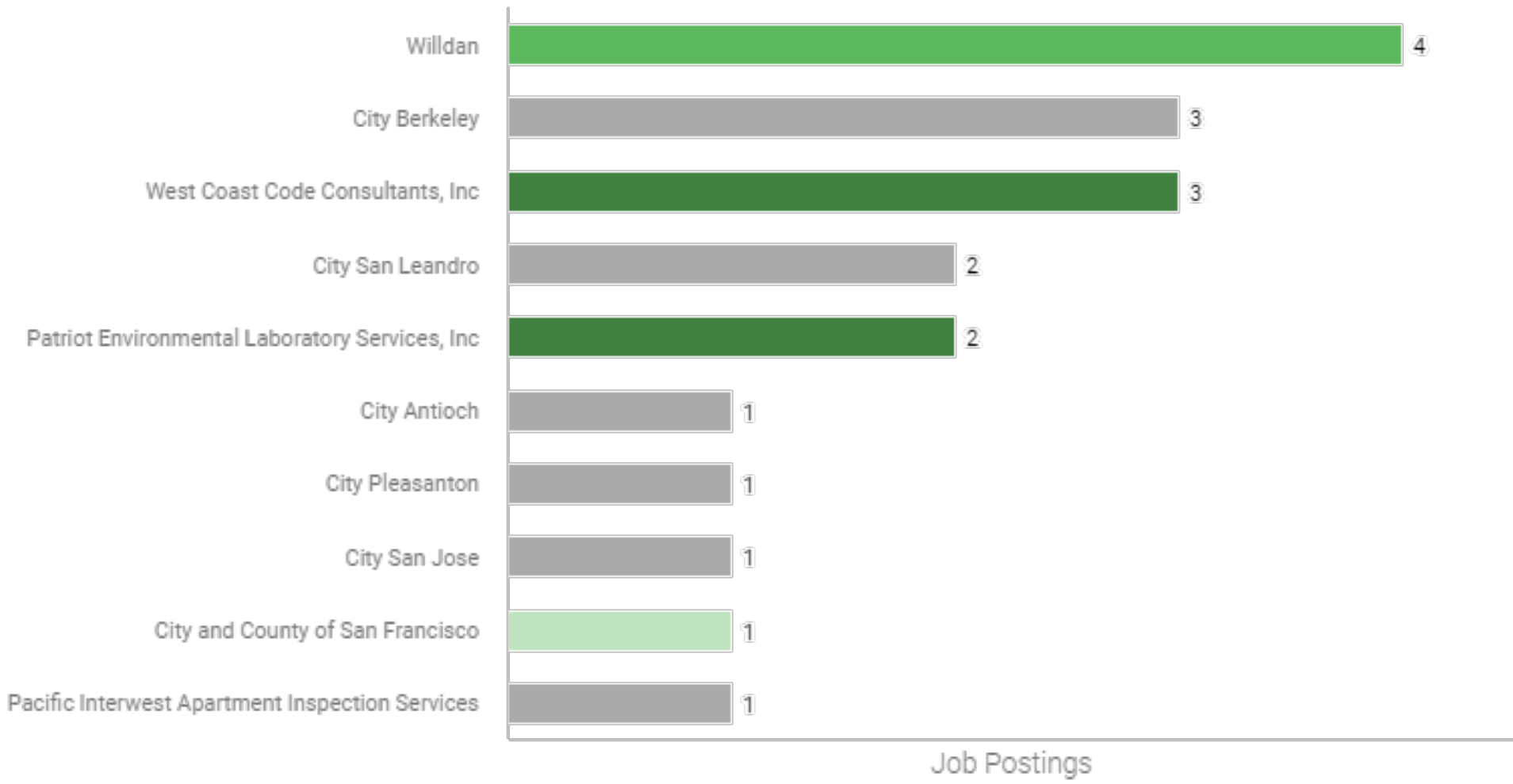
Currently displaying: Specialized

## Top Industries

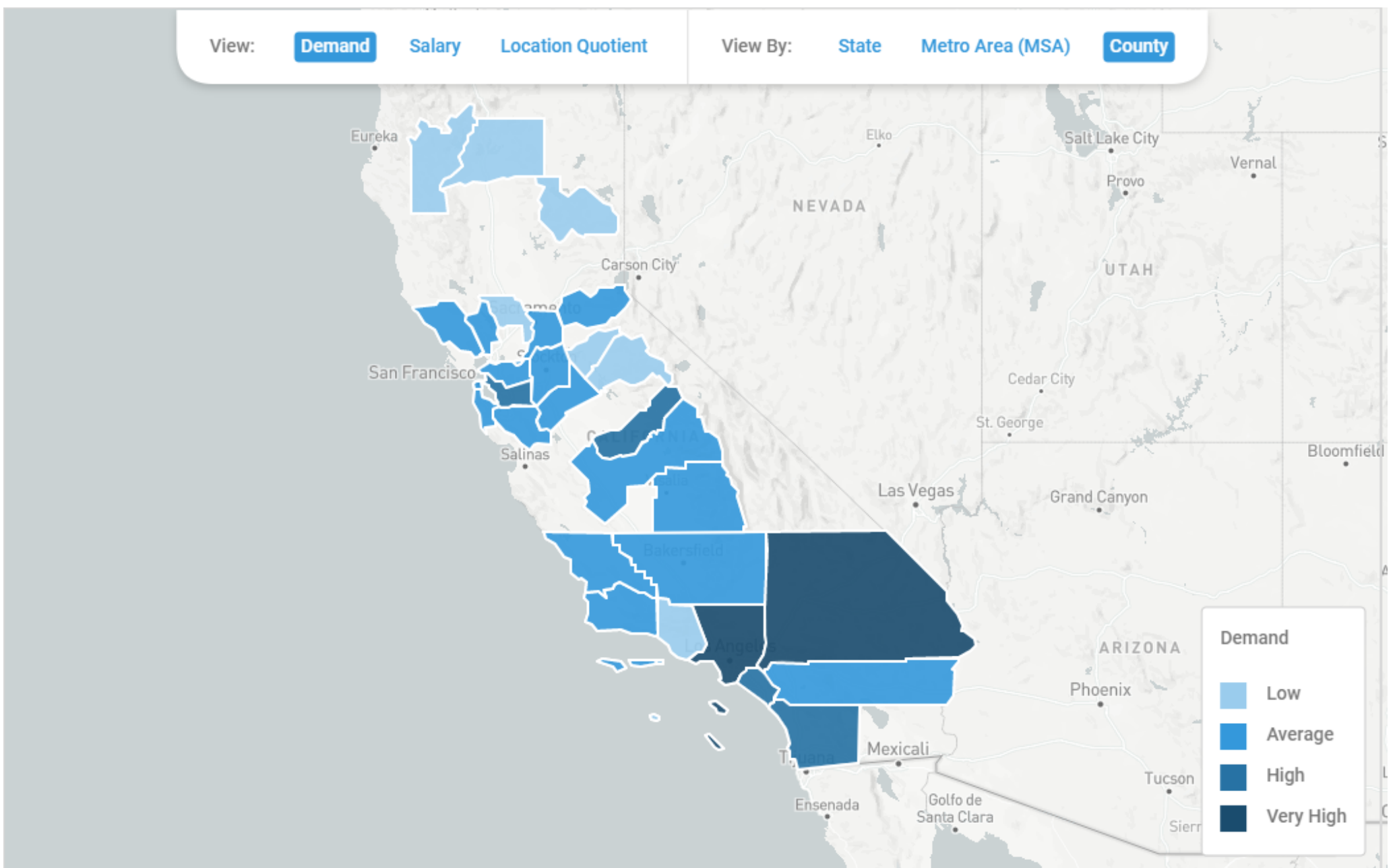
Currently displaying: 2digit



## Top Employers



## Top Locations





County	Job Postings (Last 12 Months)	Median Salary	Location Quotient
Los Angeles, CA	30	\$58k	N/A
San Bernardino, CA	22	\$52k	N/A
San Diego, CA	16	\$53k	N/A
Orange, CA	12	\$55k	N/A
Alameda, CA	10	\$76k	N/A
Madera, CA	8	\$54k	N/A
San Joaquin, CA	6	\$57k	N/A
Santa Clara, CA	6	\$65k	N/A
Napa, CA	4	\$68k	N/A
Riverside, CA	4	\$59k	N/A

## Occupation Deep Dive (Snapshot view)

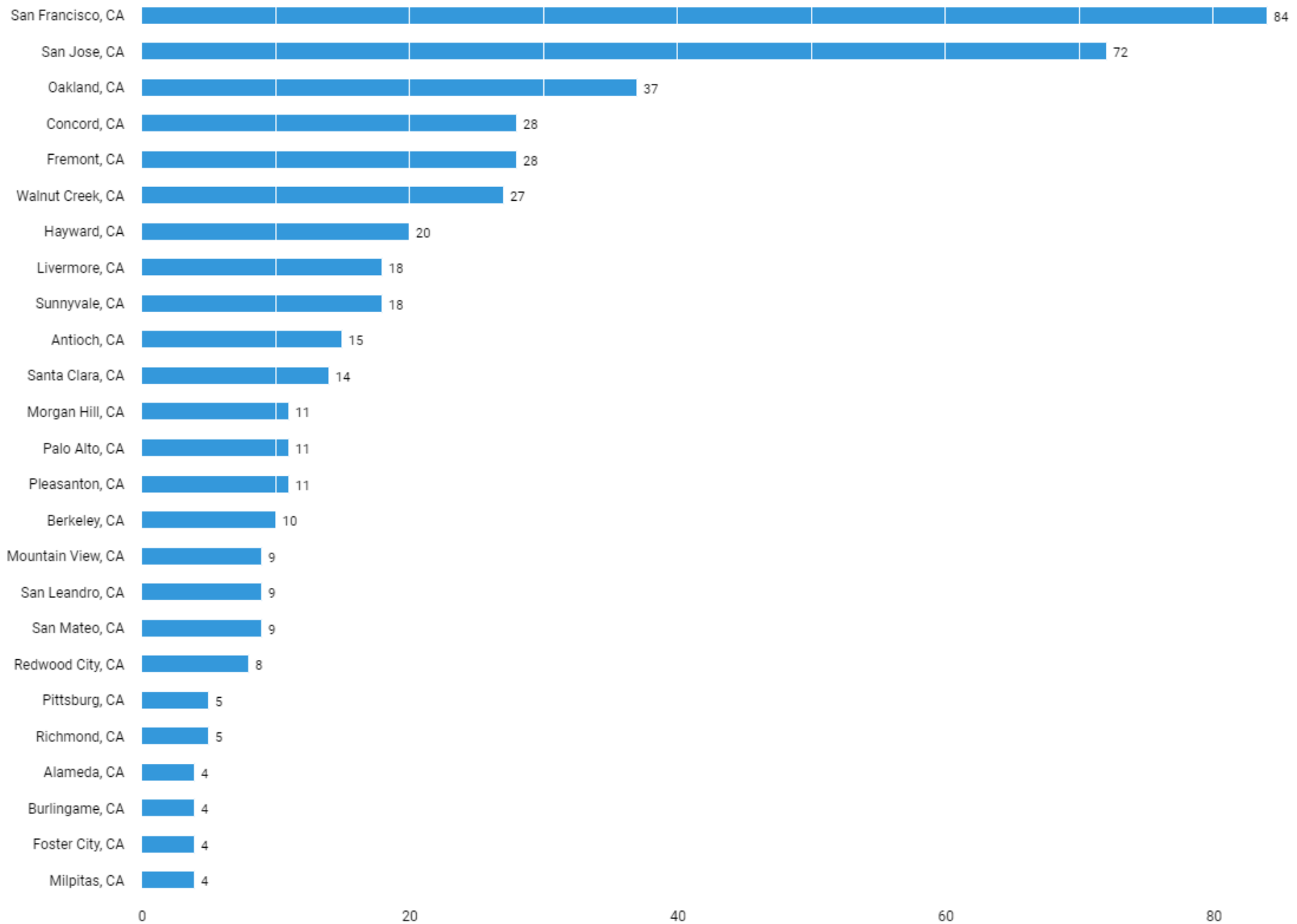
There are (505 job postings) between (Jan. 01, 2021 - Dec. 31, 2021) in your area for the selected criteria.

### Active Selections

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

### What does demand for this occupation look like?

#### The jobs are in the following locations



Unspecified postings: 0

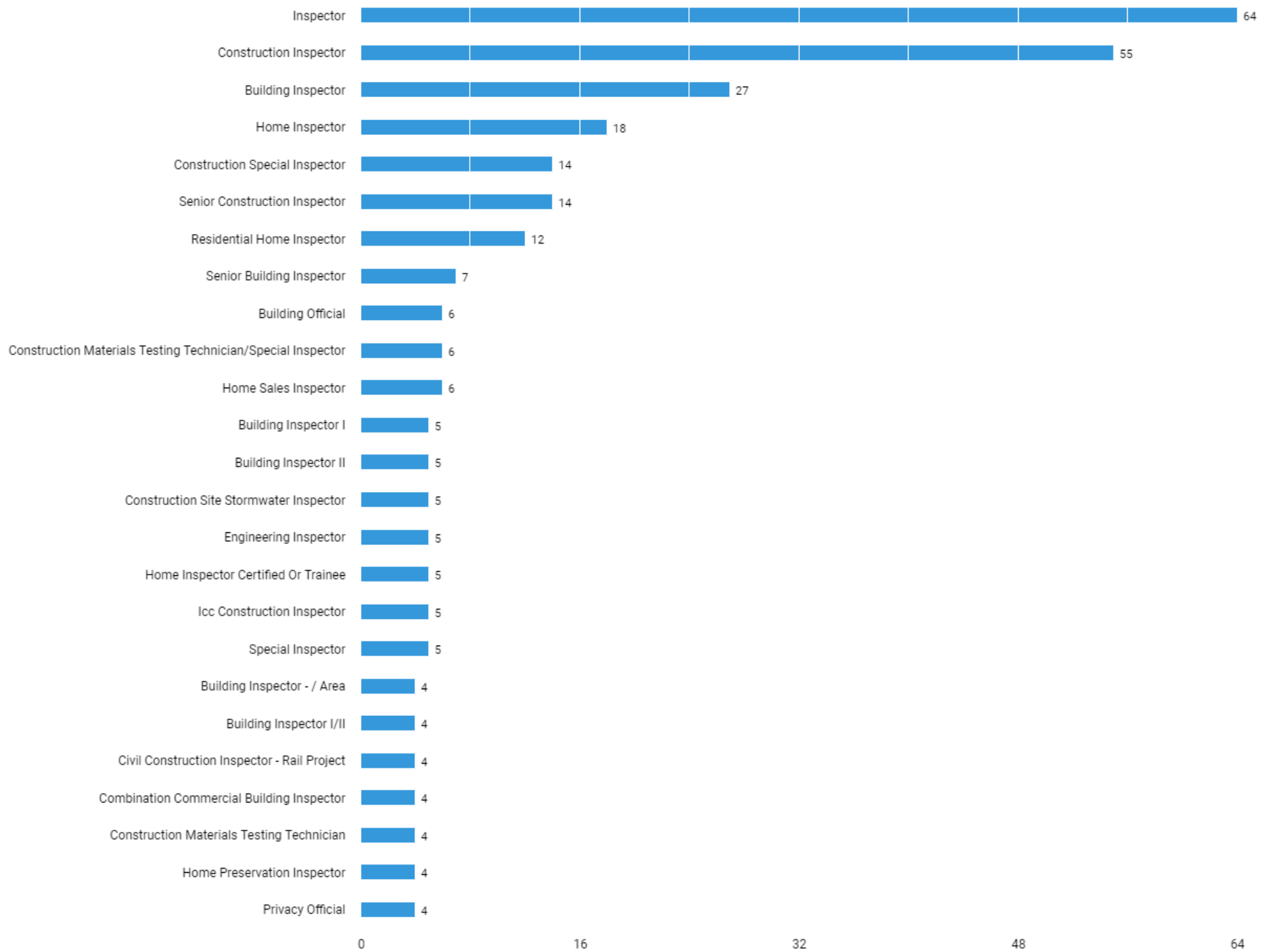
## Occupation Deep Dive (Snapshot view)

There are (505 job postings) between (Jan. 01, 2021 - Dec. 31, 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 : Alameda, CA OR County : Contra Costa, CA ) AND ( BGT OCC : Construction / Building Inspector ) AND ( ( Education : Both sub-baccalaureate and bachelor's-level credentials (inferred) ) OR ( Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified) ) )

### The following job titles are in demand



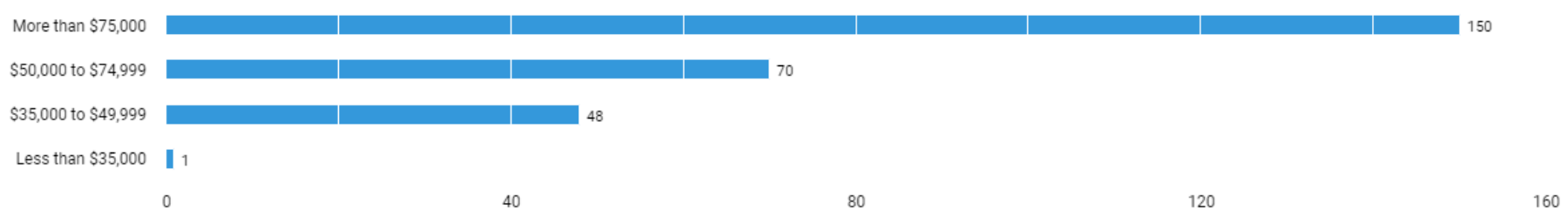
Unspecified postings: 0

### What are salary indicators for this occupation?

#### The salaries of these jobs are distributed across the following categories

Mean real-time salary = \$84K

Median real-time salary = \$83K



Unspecified postings: 236

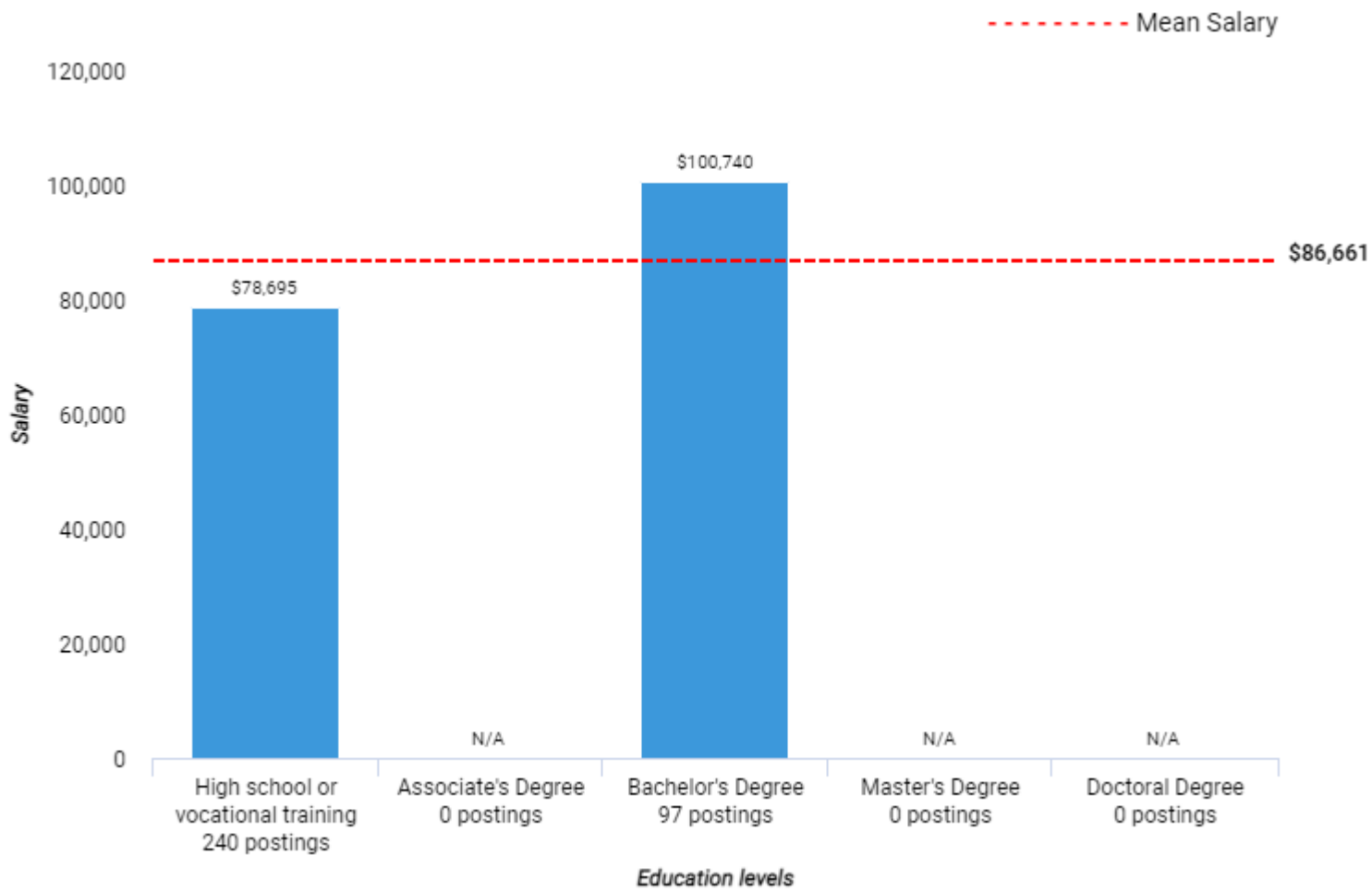
## Occupation Deep Dive (Snapshot view)

There are (505 job postings) between (Jan. 01, 2021 - Dec. 31, 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 : Alameda, CA OR County : Contra Costa, CA ) AND ( BGT OCC : Construction / Building Inspector ) AND ( ( Education : Both sub-baccalaureate and bachelor's-level credentials (inferred) ) OR ( Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified) ) )

### The salaries of these jobs are distributed across the following education attainment levels



Unspecified postings: 164

## Occupation Deep Dive (Snapshot view)

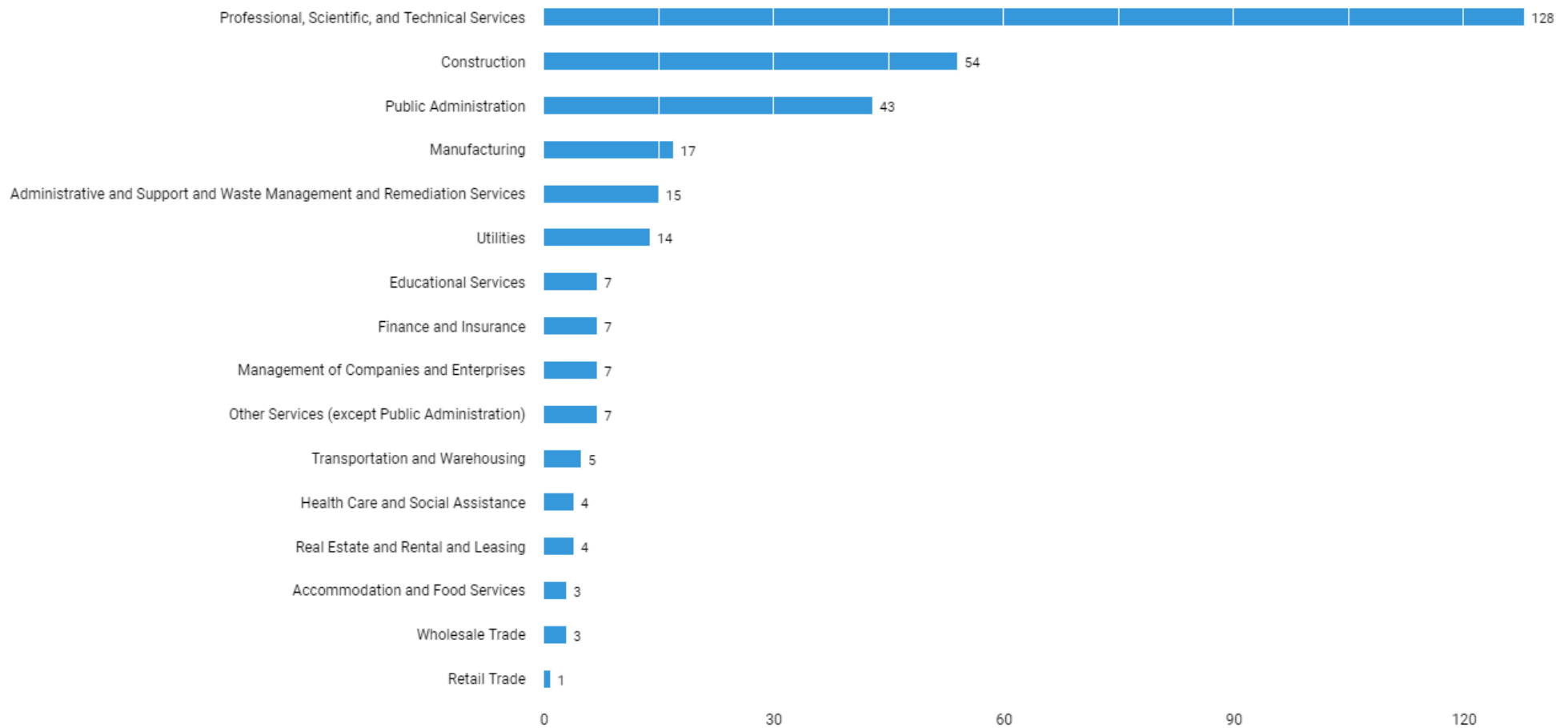
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### Active Selections

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

### Who is hiring and in what industries?

#### The jobs are categorized into the following industries



Unspecified postings: 186

## Occupation Deep Dive (Snapshot view)

There are (505 job postings) between (Jan. 01, 2021 - Dec. 31, 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 : Alameda, CA OR County : Contra Costa, CA ) AND ( BGT OCC : Construction / Building Inspector ) AND ( ( Education : Both sub-baccalaureate and bachelor's-level credentials (inferred) ) OR ( Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified) ) )

### The following employers are hiring for these job titles

Employer		Job Postings	
<b>Pacific Gas and Electric Company</b>		<b>13</b>	
Job Titles	Job Posting	Job Titles	Job Posting
Utility Construction Inspector - Central Coast St	4	Utility Construction Inspector - Bay Area	1
Utility Construction Inspector-Gc- Bay Area	2	Utility Construction Inspector - Central Coast	1
Pipeline Inspector Cwi - Central Coast	1	Utility Construction Inspector - Gc- Bay Area	1
Pipeline Inspector Cwi - Various Locations	1	Utility Construction Inspector - Gc- Various Locations	1
Pipeline Inspector Cwi- Bay Area	1		
<b>Terracon Consultants, Inc.</b>		<b>13</b>	
Job Titles	Job Posting	Job Titles	Job Posting
Icc Construction Inspector	4	Cwi Construction Inspector	2
Construction Inspector I	2	Senior Construction Inspector	2
Construction Inspector II	2	Construction Materials Testing Technician	1
<b>City and County of San Francisco</b>		<b>11</b>	
Job Titles	Job Posting	Job Titles	Job Posting
Assistant Construction Inspector	2	Electrical Inspector - Citywide	1
Construction Inspector	2	Senior Building Inspector, Mayor Office On Disability	1
6248 Electrical Inspector	1	Senior Electrical Inspector - Citywide	1
6317 Assistant Construction Inspector	1	Street Inspector	1
Building Inspector	1		
<b>City Fremont</b>		<b>10</b>	
Job Titles	Job Posting	Job Titles	Job Posting
Building Inspector I	1	Construction Inspector	1
Building Inspector I/II	1	Construction Materials Inspector	1
Building Inspector II	1	Senior Building Inspector	1
Building Inspector Specialist	1	Senior Construction Inspector	1
Building Official	1	Supervising Building Inspector	1

The Kleinfelder Group, Inc		9	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Construction Materials Testing Technician/Special Inspector	5	Construction Special Inspector	4
Csg Consultants		8	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Construction Inspector	3	Building Official	1
Building Inspector II	2	Senior Building Inspector	1
Building Inspector I	1		
City San Jose		7	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Code Enforcement Inspector I/II - Planning, Building, & Code Enforcement Department	2	Building Inspector Combination, Department Of Public Works	1
Associate Construction Inspector, Public Works Department	1	Principal Construction Inspector Transportation	1
Building Inspector Combination Non-Certified & Certified - Planning, Building & Code Enforcement	1	Principal Permit Specialist Planning, Building & Code Enforcement	1
HDR Incorporated		7	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Roadway/Highway/Bridge Inspector	3	Civil Construction Inspector	1
Construction Inspector - Rail Systems/Electrical	2	Construction Inspector Nace	1
Lawrence Livermore National Laboratory		7	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Combination Commercial Building Inspector	4	Electrical Building Inspector	1
Deputy Building Official	1	Electrician Or Building Crane Inspector/Surveyor	1
Orkin Incorporated		7	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Home Sales Inspector	6	Residential Home Inspector	1
Atlantic & Pacific Build Group		6	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Building Inspector - / Area	4	Building Inspector - , , , & Area	1
Building Inspector	1		
Belong Home		6	
<b>Job Titles</b>	<b>Job Posting</b>		
Residential Home Inspector			6

Bureau Veritas		6	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Inspector	3	Ccci/Qei Elevator Inspector	1
Building Inspector	1	Oil And Gas Inspector	1
Belong Group Incorporated		5	
<b>Job Titles</b>	<b>Job Posting</b>		
Residential Home Inspector			5
City Sunnyvale		5	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Building Inspector I	2	Building Inspector	1
Building Inspector II	2		
Rtc Incorporated		5	
<b>Job Titles</b>	<b>Job Posting</b>		
Construction Site Stormwater Inspector			5
University Of California		5	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Construction Inspector 0484U	2	Inspector	1
Unit Chief, Local Capacity Building	2		
Willdan		5	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Building Inspector	4	Building Official	1
Wsp Usa		5	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Construction Inspector	3	Construction Inspector -Pilot	2
Atavas Search		4	
<b>Job Titles</b>	<b>Job Posting</b>		
Civil Construction Inspector - Rail Project			4
City Berkeley		4	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Building Inspector I Certified	1	Engineering Inspector	1
Building Inspector II Certified	1	Senior Building Inspector	1
City Oakland		4	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Inspector General Exempt	2	Construction Inspector Supervisor Extended	1
Construction Inspector Supervisor	1		



City Santa Clara		4	
<b>Job Titles</b>	<b>Job Posting</b>	<b>Job Titles</b>	<b>Job Posting</b>
Building Official	1	Combination Inspector	1
Building/Housing Inspector	1	Senior Inspector	1
Earth Systems Pacific		4	
<b>Job Titles</b>	<b>Job Posting</b>		
Construction Special Inspector	4		
G L O M A R F		4	
<b>Job Titles</b>	<b>Job Posting</b>		
Privacy Official	4		

Unspecified postings: 70

## Occupation Deep Dive (Snapshot view)

There are (505 job postings) between (Jan. 01, 2021 - Dec. 31, 2021) in your area for the selected criteria.

### Active Selections

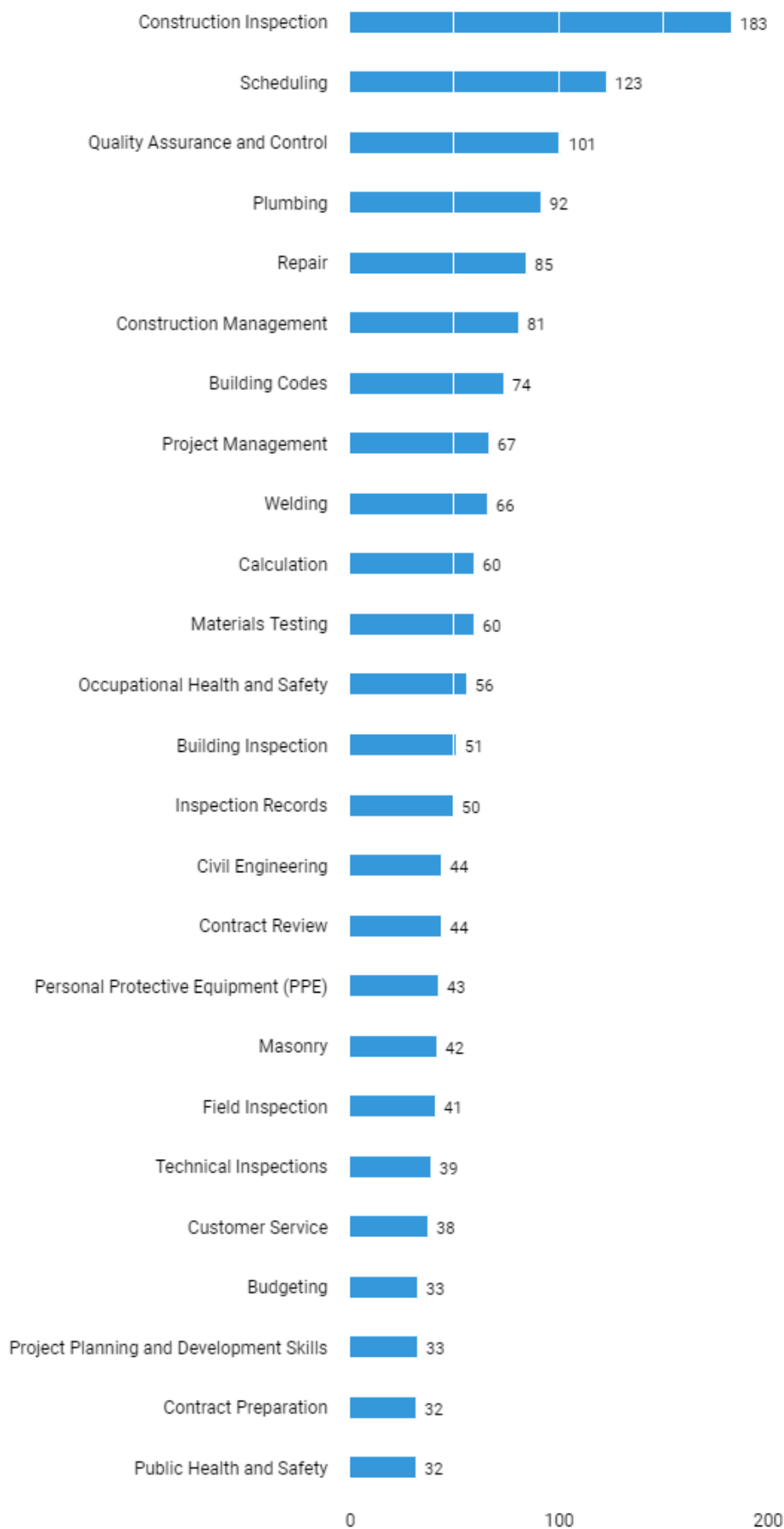
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### What credentials are needed for the job?

#### The following skills are most requested (Specialized Skills)

Jan. 01, 2021 - Dec. 31, 2021

There are 505 postings available with the current filters applied.  
There are 53 unspecified or unclassified postings.



Unspecified postings: 53

#### The following skill clusters are most requested

Jan. 01, 2021 - Dec. 31, 2021

There are 505 postings available with the current filters applied.  
There are 89 unspecified or unclassified postings.



Unspecified postings: 89

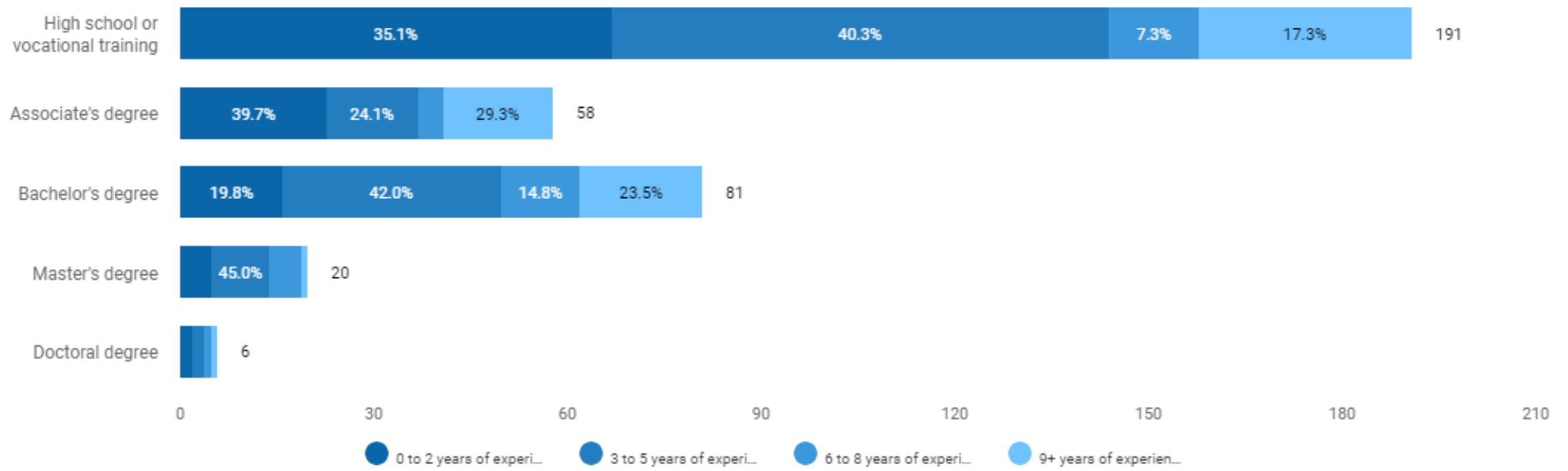
## Occupation Deep Dive (Snapshot view)

There are (505 job postings) between (Jan. 01, 2021 - Dec. 31, 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 : Alameda, CA OR County : Contra Costa, CA ) AND ( BGT OCC : Construction / Building Inspector ) AND ( ( Education : Both sub-baccalaureate and bachelor's-level credentials (inferred) ) OR ( Education : High school or vocational training (specified) OR Education : Associate's degree (specified) OR Education : Not listed (specified) ) )

### The following levels of education and levels of experience are requested



Unspecified postings: 263

**Division: 4411 – Building Inspection BLDG**

INDICATOR	Academic Year			STUDENT SUCCESS INDICATORS	Academic Year		
	18-19	19-20	20-21		18-19	19-20	20-21
Enrollments (Dup. Headcnt)	212	205	135	Success %	88.7%	86.3%	97.0%
WSCH	642.0	860.3	444.9	Retention %	95.3%	95.6%	100.0%
FTES	21.4	28.7	14.8	Withdraw %	4.7%	4.4%	0.0%
LOAD (WSCH/FTEF)*	458.6	661.8	370.8				
<b>Classroom Teaching FTEF</b>				<b>Sections</b>			
Full-time FTEF	0.0	0.0	0.0	Total	7	6	6
Adjunct FTEF	1.4	1.3	1.2	% CTE	100.0%	100.0%	100.0%
Overload FTEF (FT Faculty)	0.0	0.0	0.0	% Transferable	0.0%	0.0%	0.0%
Retired FTEF	0.0	0.0	0.0	% Degree Applicable	0.0%	0.0%	0.0%
Total FTEF	1.4	1.3	1.2	% Basic Skills	0.0%	0.0%	0.0%
Percent Full-time	0.0%	0.0%	0.0%				

**Division: 4411 – Building Inspection BLDG**  
**Successful Course Completion Rates: 2018-19 to 2020-21**

Demographic Variable	Enrollments (Duplicate Headcount)			Pct. Enrollments (Duplicate Headcount)			Percent Success			Percent Withdraw		
	18-19	19-20	20-21	18-19	19-20	20-21	18-19	19-20	20-21	18-19	19-20	20-21
<b>Ethnicity</b>												
Asian-Domestic	23	19	23	10.8	9.3	17.0	95.7	94.7	95.7	0.0	0.0	0.0
Asian-Int'l	5	1	0	2.4	0.5	0.0	100.0	0.0	--	0.0	0.0	--
Black	12	11	3	5.7	5.4	2.2	91.7	81.8	100.0	0.0	18.2	0.0
Filipino	19	10	3	9.0	4.9	2.2	84.2	100.0	100.0	15.8	0.0	0.0
Hispanic	66	69	38	31.1	33.7	28.1	87.9	84.1	97.4	4.5	2.9	0.0
Native Am	0	0	0	0.0	0.0	0.0	--	--	--	--	--	--
Pac Islander	2	4	9	0.9	2.0	6.7	50.0	50.0	77.8	0.0	0.0	0.0
White	76	65	51	35.8	31.7	37.8	89.5	86.2	100.0	3.9	6.2	0.0
Other	8	13	3	3.8	6.3	2.2	75.0	92.3	100.0	12.5	7.7	0.0
Unrecorded	1	13	5	0.5	6.3	3.7	100.0	92.3	100.0	0.0	0.0	0.0
<i>Total</i>	212	205	135	100	100	100	88.7	86.3	97.0	4.7	4.4	0.0
<b>Gender</b>												
Female	26	19	28	12.3	9.3	20.7	84.6	73.7	89.3	7.7	15.8	0.0
Male	185	178	102	87.3	86.8	75.6	89.7	87.6	99.0	4.3	3.4	0.0
Unrecorded	1	8	5	0.5	3.9	3.7	0.0	87.5	100.0	0.0	0.0	0.0
<i>Total</i>	212	205	135	100	100	100	88.7	86.3	97.0	4.7	4.4	0.0
<b>Age</b>												
19 or less	1	5	3	0.5	2.4	2.2	0.0	80.0	100.0	0.0	0.0	0.0
20-24	24	28	10	11.3	13.7	7.4	95.8	75.0	100.0	0.0	3.6	0.0
25-29	19	26	18	9.0	12.7	13.3	89.5	80.8	100.0	5.3	7.7	0.0
30-34	10	21	14	4.7	10.2	10.4	80.0	76.2	100.0	20.0	4.8	0.0
35-39	30	18	21	14.2	8.8	15.6	93.3	94.4	85.7	0.0	0.0	0.0
40-49	49	34	23	23.1	16.6	17.0	83.7	82.4	95.7	10.2	5.9	0.0
50+	79	73	46	37.3	35.6	34.1	89.9	95.9	100.0	2.5	4.1	0.0
Unrecorded	0	0	0	0.0	0.0	0.0	--	--	--	--	--	--
<i>Total</i>	212	205	135	100	100	100	88.7	86.3	97.0	4.7	4.4	0.0
<b>Disability Status</b>												
Has disability	12	16	12	5.7	7.8	8.9	83.3	75.0	100.0	0.0	12.5	0.0
No disability	200	189	123	94.3	92.2	91.1	89.0	87.3	96.7	5.0	3.7	0.0
<b>First Generation College</b>												
First generation	116	109	69	54.7	53.2	51.1	91.4	88.1	95.7	2.6	4.6	0.0
Not first generation	74	69	49	34.9	33.7	36.3	83.8	87.0	100.0	6.8	4.3	0.0
<b>Income Status</b>												
Low income	28	32	18	13.2	15.6	13.3	89.3	90.6	88.9	7.1	6.3	0.0
Not low income	184	173	117	86.8	84.4	86.7	88.6	85.5	98.3	4.3	4.0	0.0

**Division: 4411 – Building Inspection BLDG**

<b>INDICATOR</b>	<b>2018</b>	<b>Fall Term 2019</b>	<b>2020</b>
Enrollments/Dup.Headcount	97	125	71
WSCH	291.0	616.8	225.3
FTES	9.7	20.6	7.5
LOAD (WSCH/FTEF)*	485.0	881.1	375.5
Success %	82.5%	86.4%	98.6%
Retention %	91.8%	95.2%	100.0%
Withdraw %	8.2%	4.8%	0.0%
<b>Classroom Teaching FTEF</b>			
Full-time FTEF	0.0	0.0	0.0
Adjunct FTEF	0.6	0.7	0.6
Overload FTEF (F-T Faculty)	0.0	0.0	0.0
Retired FTEF	0.0	0.0	0.0
Total FTEF	0.6	0.7	0.6
Percent Full-time	0.0%	0.0%	0.0%
<b>Sections</b>			
Total Number of Sections	3	3	3
% CTE	100.0%	100.0%	100.0%
% Transferable	0.0%	0.0%	0.0%
% Degree Applicable	0.0%	0.0%	0.0%
% Basic Skills	0.0%	0.0%	0.0%

**Division: 4411 – Building Inspection BLDG**

<b>INDICATOR</b>	<b>2019</b>	<b>Spring Term 2020</b>	<b>2021</b>
Enrollments/Dup.Headcount	115	80	64
WSCH	351.0	243.5	219.6
FTES	11.7	8.1	7.3
LOAD (WSCH/FTEF)*	438.8	405.8	366.0
Success %	93.9%	86.3%	95.3%
Retention %	98.3%	96.3%	100.0%
Withdraw %	1.7%	3.8%	0.0%
<b>Classroom Teaching FTEF</b>			
Full-time FTEF	0.0	0.0	0.0
Adjunct FTEF	0.8	0.6	0.6
Overload FTEF (F-T Faculty)	0.0	0.0	0.0
Retired FTEF	0.0	0.0	0.0
Total FTEF	0.8	0.6	0.6
Percent Full-time	0.0%	0.0%	0.0%
<b>Sections</b>			
Total Number of Sections	4	3	3
% CTE	100.0%	100.0%	100.0%
% Transferable	0.0%	0.0%	0.0%
% Degree Applicable	0.0%	0.0%	0.0%
% Basic Skills	0.0%	0.0%	0.0%

**Division: 4411 – Building Inspection BLDG**

<b>INDICATOR</b>	<b>Summer Term</b>		
	<b>2018</b>	<b>2019</b>	<b>2020</b>
Enrollments/Dup.Headcount	0	0	0
WSCH	--	--	--
FTES	--	--	--
LOAD (WSCH/FTEF)*	--	--	--
Success %	--%	--%	--%
Retention %	--%	--%	--%
Withdraw %	--%	--%	--%
<b>Classroom Teaching FTEF</b>			
Full-time FTEF	--	--	--
Adjunct FTEF	--	--	--
Overload FTEF (F-T Faculty)	--	--	--
Retired FTEF	--	--	--
Total FTEF	--	--	--
Percent Full-time	--%	--%	--%
<b>Sections</b>			
Total Number of Sections	--	--	--
% CTE	--%	--%	--%
% Transferable	--%	--%	--%
% Degree Applicable	--%	--%	--%
% Basic Skills	--%	--%	--%



# 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 - Building/Home/Construction Inspection/Inspector (46.0403) OR Program of study : Award of at least 1 but less than 2 academic years - Building/Home/Construction Inspection/Inspector (46.0403) OR Program of study : Award of less than 1 academic year - Building/Home/Construction Inspection/Inspector (46.0403) ) )

### Total Degrees Conferred

**27**  
(-6.9% since 2015)

In 2019

### Number of Institutions

**4**  
(No change since 2015)

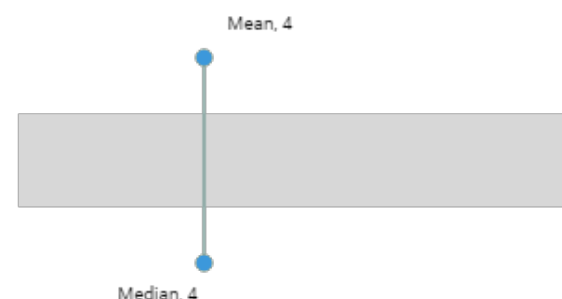
In 2019

### Market Share by Type of Institution



In 2019

### Degrees Conferred by Institution



In 2019

Institution	Type	Distance Learning	Market Share 2019 (%)	Change in Market Share 2015-2019 (%)	Change in Degree Conferrals 2015-2019 (%)	2019	2018	2017	2016	2015
Laney College	Public	No	44.4	-21.1	-36.8	12	19	16	15	19
Diablo Valley College	Public	No	29.6	26.2	700.0	8	5	2	4	1
College of Alameda	Public	No	14.8	-2.4	-20.0	4	2	5	0	5
College of San Mateo	Public	No	11.1	-2.7	-25.0	3	5	2	3	4
Merritt College	Public	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, Certified Building Inspector, Certified Residential Building Inspector

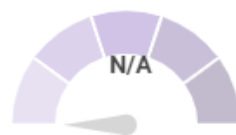
## Certification Metrics

### Job Postings

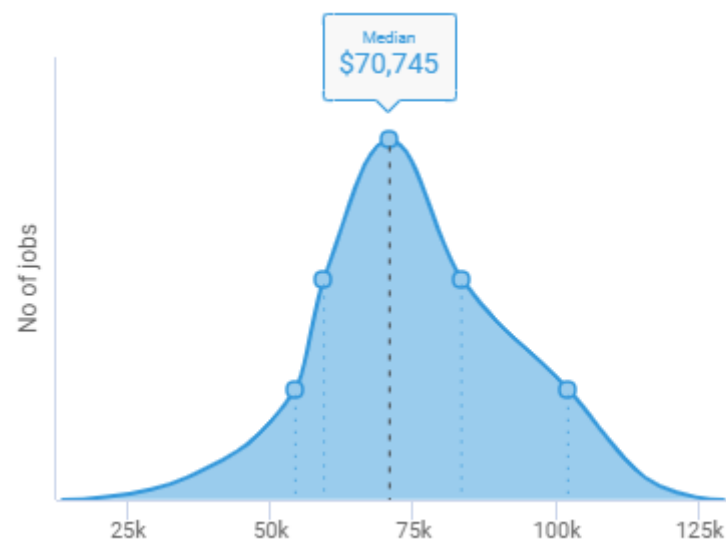
Last 12 Months



### Location Quotient



## Salary Overall



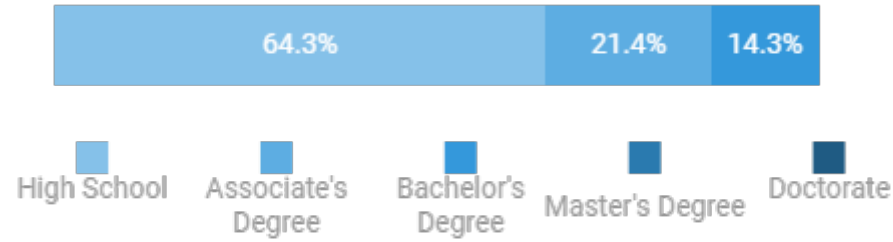
## Salary By Education

## Salary By Experience

## Years of Experience

No data available for this report with your selected filters.

## Education Level



## Top Occupations Requesting Certification(s)

Occupation	Associated Education Level
Construction / Building Inspector	High school or vocational
Healthcare Administrator	Bachelor's
Cashier	High school or vocational
Civil Engineer	Bachelor's
Compliance Manager	Associate's
Property Appraiser / Assessor	High school or vocational
Environmental Technician	NA

## Certification Taxonomy

Certification Group	Job Postings
<b>Building and Construction Inspection</b>	<b>68</b>
<b>Certification</b>	<b>Job Postings</b>
Certified Building Inspector	21
Certified Lead Inspector	18
Home Inspection	11
Certified Building Official	7
Certified Home Inspector	6
Certified Crane Inspector	2
Certified Plans Examiner	2
Certified Building Plans Examiner	1

## 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
Construction / Building Inspector	466	15	3.2%	10.3%	High school or vocational training
Cashier	4,094	1	0.0%	0.2%	High school or vocational training
Healthcare Administrator	3,245	1	0.0%	24.7%	Bachelor's degree
Civil Engineer	2,792	1	0.0%	10.4%	Bachelor's degree
Compliance Manager	2,279	1	0.0%	10.9%	Associate's degree
Property Appraiser / Assessor	337	1	0.3%	9.3%	High school or vocational training
Environmental Technician	326	1	0.3%	12.8%	NA

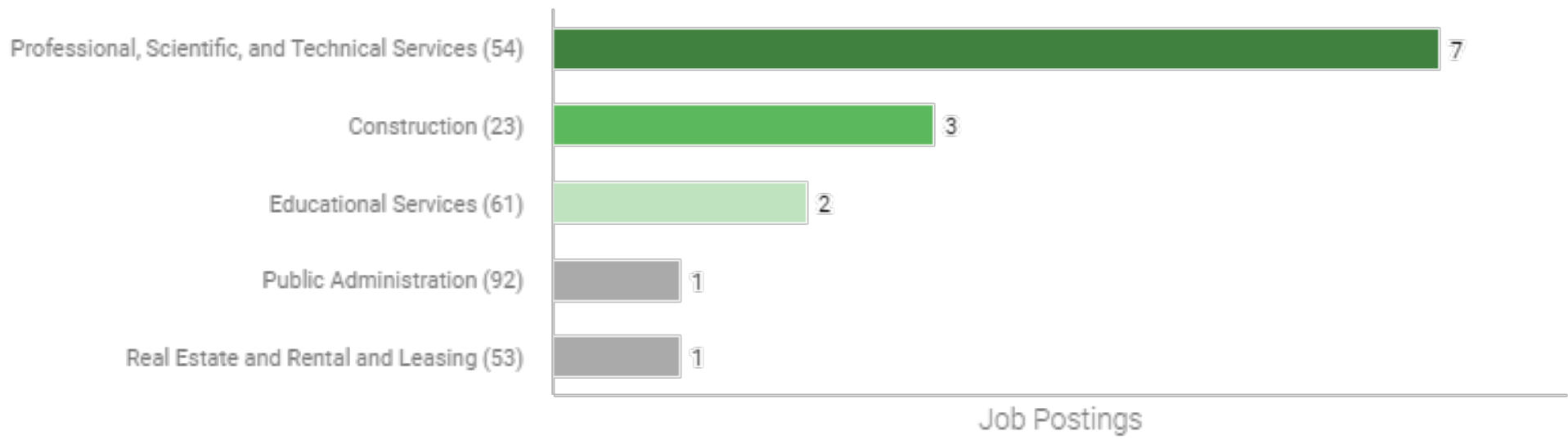
## Top Co-occurring Skills

	Skill	Job Postings
1	Building Codes	12
2	Plumbing	10
3	Building Inspection	7
4	Public Health and Safety	5
5	Construction Management	4
6	Repair	4
7	Civil Engineering	3
8	Design and Construction	3
9	Lifting Ability	3
10	Remodeling	3

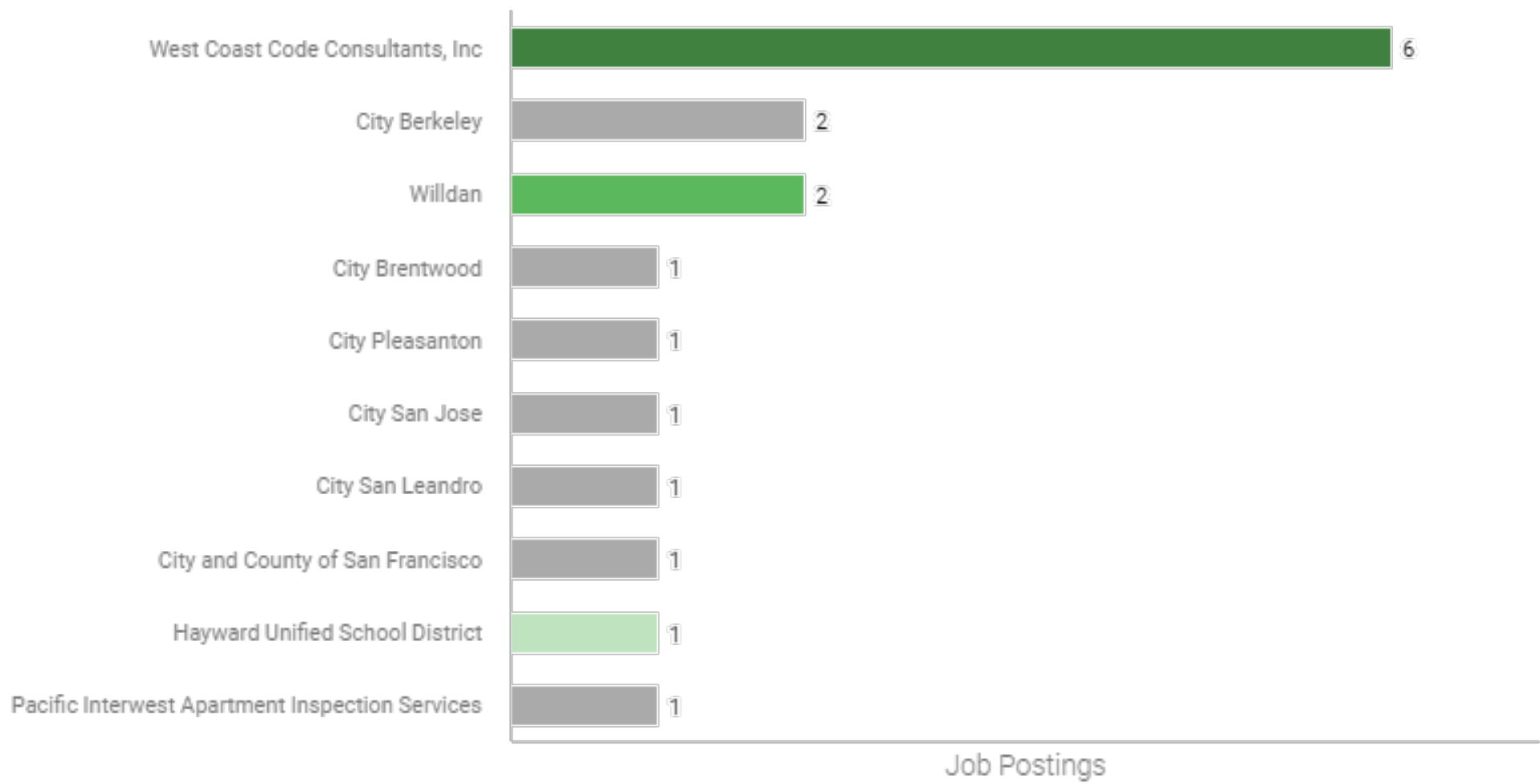
Currently displaying: Specialized

## Top Industries

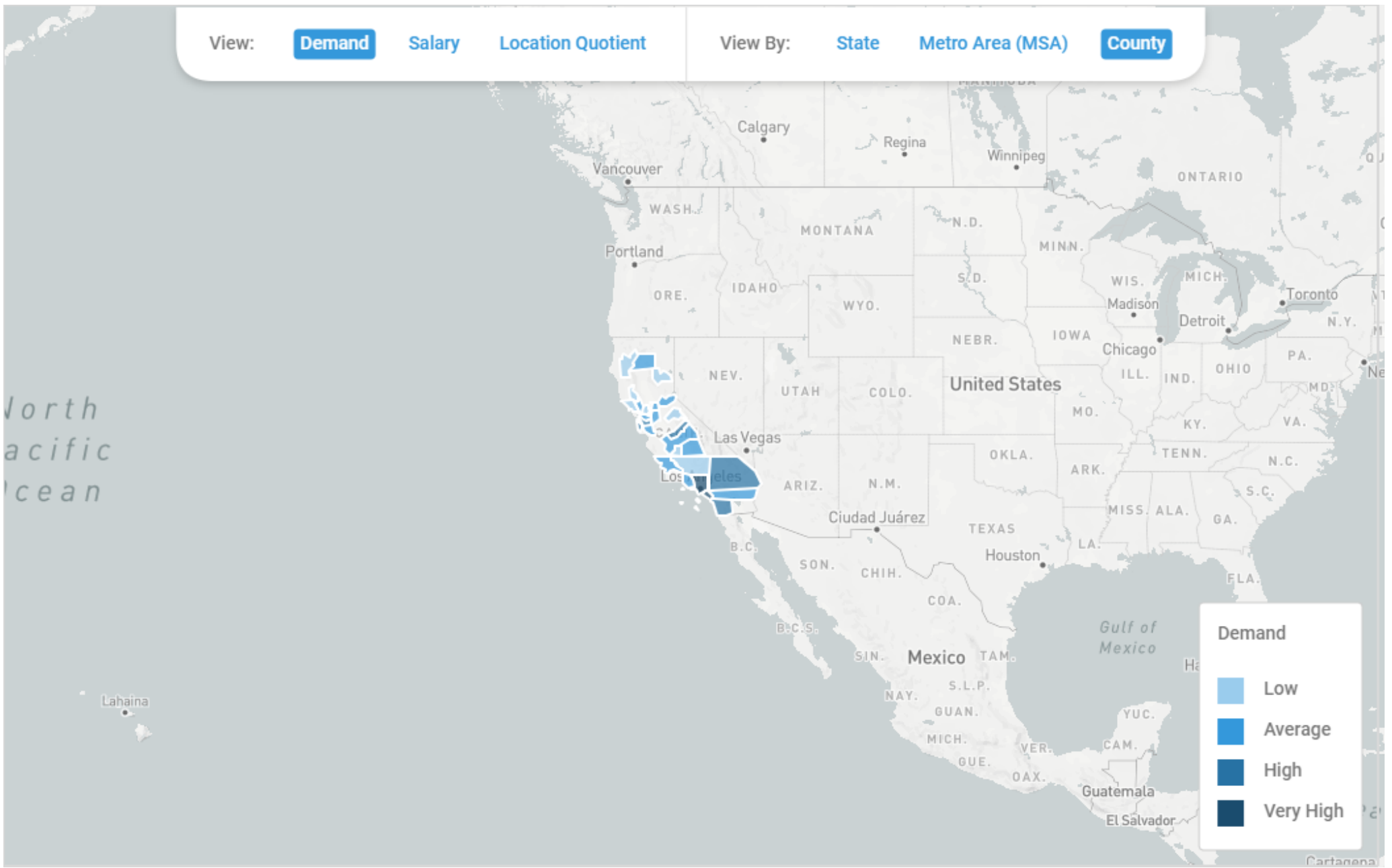
Currently displaying: 2digit



## Top Employers



## Top Locations



County	Job Postings (Last 12 Months)	Median Salary	Location Quotient
Los Angeles, CA	25	\$57k	N/A
Orange, CA	15	\$52k	N/A
San Diego, CA	14	\$55k	N/A
San Bernardino, CA	12	\$47k	N/A
Alameda, CA	7	\$78k	N/A
Madera, CA	7	\$53k	N/A
San Mateo, CA	6	\$64k	N/A
Fresno, CA	4	\$73k	N/A
Sacramento, CA	4	\$87k	N/A
San Joaquin, CA	4	\$63k	N/A

## 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
Construction Manager	Construction, Extraction, and Architecture	High (3,042)	Similar (40 days)	\$97,410	Average (1.1)
Estimator	Construction, Extraction, and Architecture	Medium (1,199)	Similar (40 days)	\$98,752	Low (0.8)
Construction Foreman	Construction, Extraction, and Architecture	Medium (1,014)	Similar (38 days)	\$74,046	Low (0.8)
Construction / Building Inspector	Construction, Extraction, and Architecture	Low (420)	Similar (38 days)	\$76,845	Low (0.7)

Unspecified postings: 0

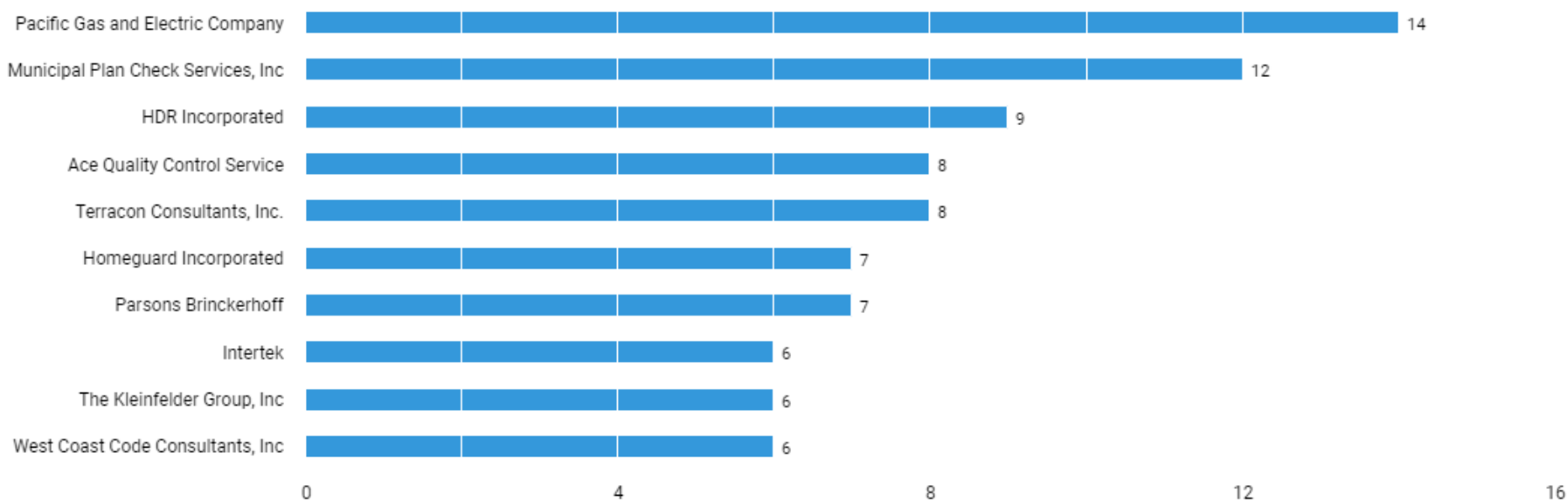
## Hard to Fill Jobs

There are (420 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

## Active Selections

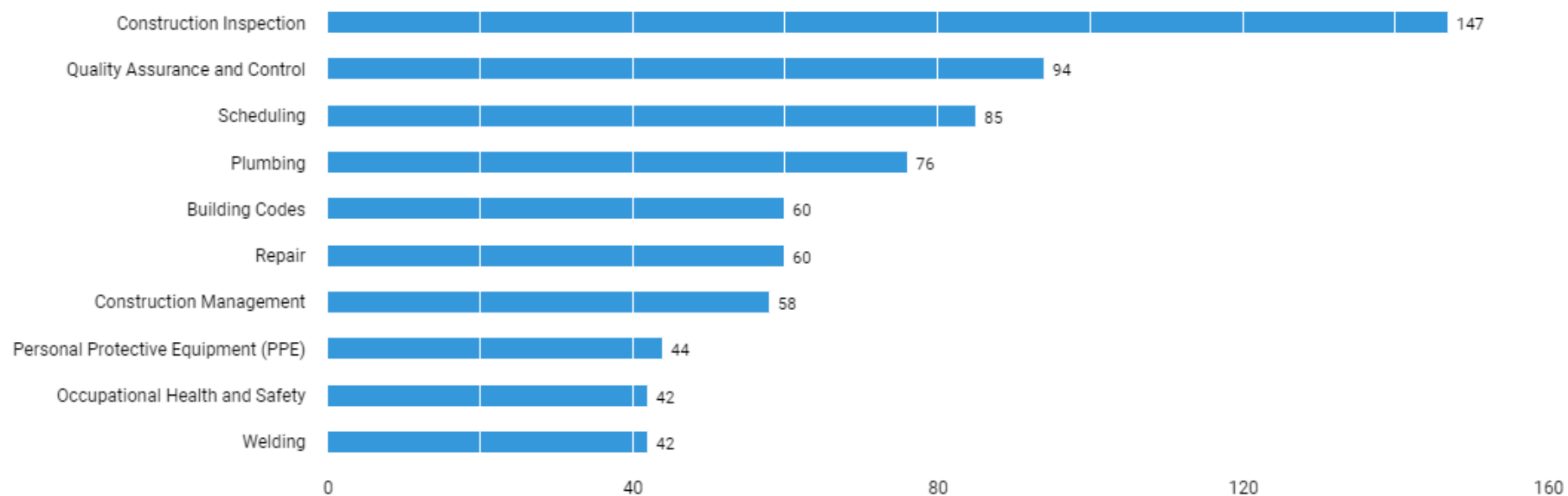
Last 12 months AND ( County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA ) AND ( BGTOCC : Construction / Building Inspector ) AND ( ( Education : Both sub-baccalaureate and bachelor's-level credentials (inferred) ) AND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

## Who are these employers?



Unspecified postings: 63

## What are the most requested skills? (Specialized Skills)



Unspecified postings: 52



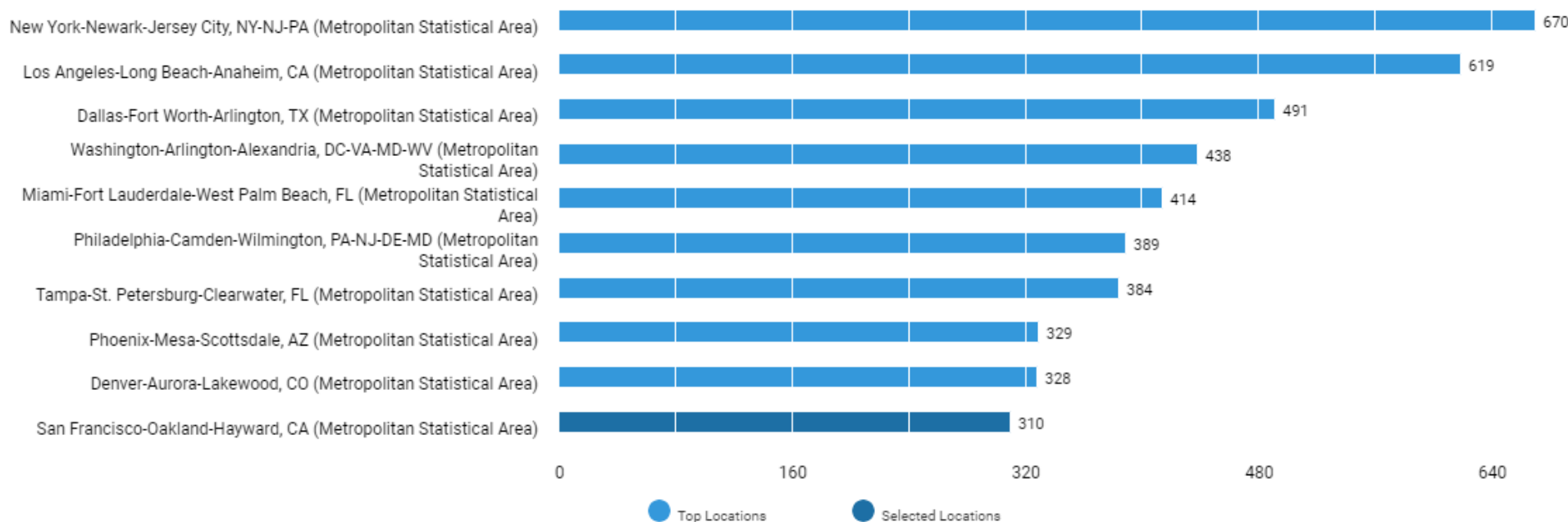
## Hard to Fill Jobs

There are (420 job postings) between (Jul. 01, 2020 - Jun. 30, 2021) in your area for the selected criteria.

## Active Selections

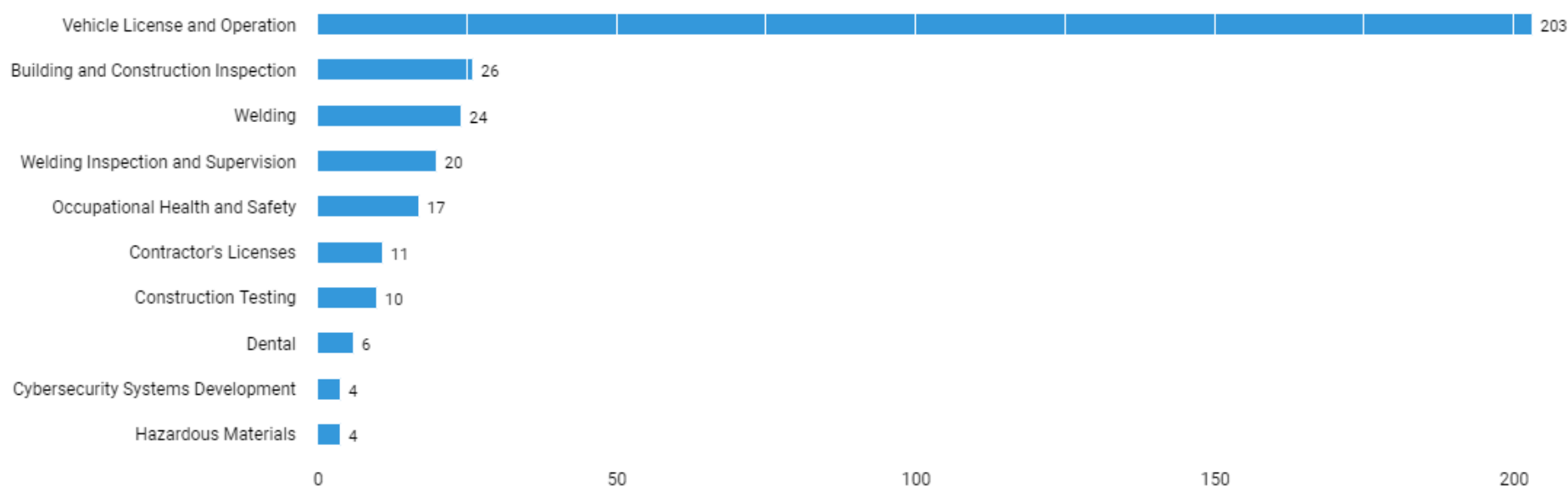
Last 12 months AND ( County : San Mateo, CA OR County : San Francisco, CA OR County : Santa Clara, CA OR County : Contra Costa, CA OR County : Alameda, CA ) AND ( BGTOCC : Construction / Building Inspector ) AND ( ( Education : Both sub-baccalaureate and bachelor's-level credentials (inferred) ) AND ( 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: 1,430

## What are the most common certifications for these jobs?



Unspecified postings: 158

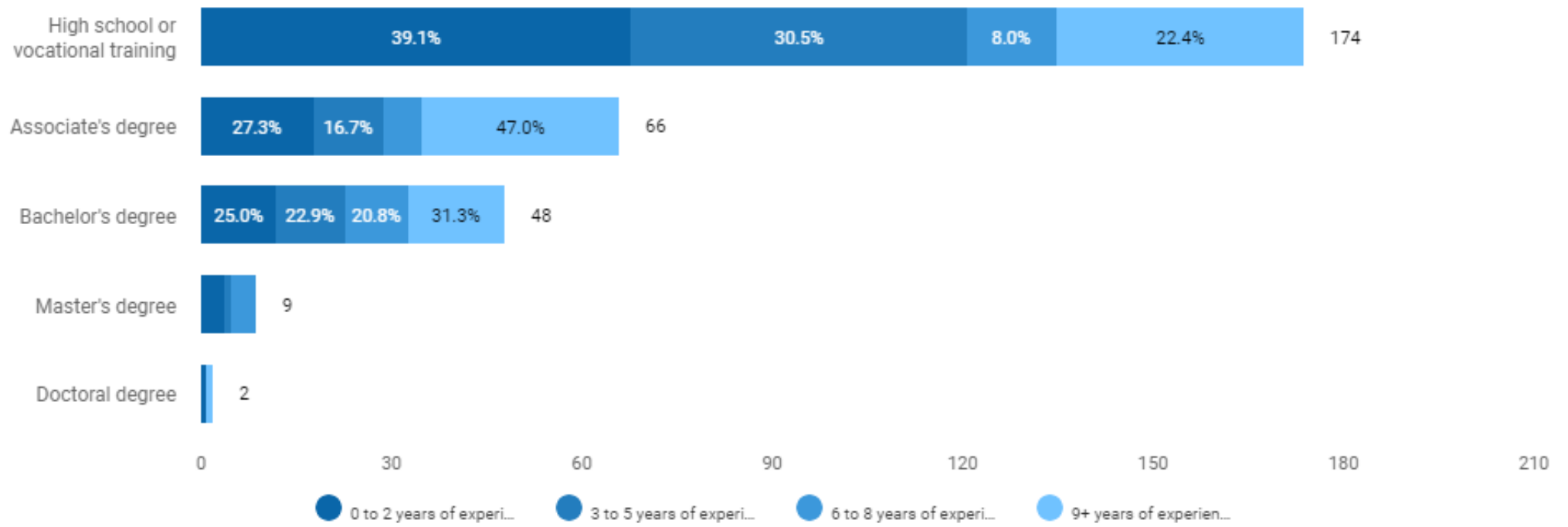
## Hard to Fill Jobs

There are (420 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 : Construction / Building Inspector ) 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: 225

## BLDG Department Total

### Part I—Summary: Enrollment and Student Outcomes

	N	Online	Hybrid	All	Synchronous	
					Fully Only	Partially Only
#Sections	3	0	0	3	3	0
#Enrollments	64	0	0	64	64	0
%Success	95.3	-	-	95.3	95.3	-
%Retention	98.4	-	-	98.4	98.4	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	N	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Enrollments</b>	64	-	-	100.0	100.0	-
<b>Ethnicity</b>						
Asian-Domestic	13	-	-	100.0	100.0	-
Asian-Intl	0	-	-	-	-	-
African American	1	-	-	100.0	100.0	-
Filipino	0	-	-	-	-	-
Hispanic	19	-	-	100.0	100.0	-
Native American	0	-	-	-	-	-
Pacific Islander	5	-	-	100.0	100.0	-
White	22	-	-	100.0	100.0	-
Multi Races	2	-	-	100.0	100.0	-
Unrecorded	2	-	-	100.0	100.0	-
<b>Gender</b>						
Female	15	-	-	100.0	100.0	-
Male	48	-	-	100.0	100.0	-
Unrecorded	1	-	-	100.0	100.0	-
<b>Age</b>						
19 or less	1	-	-	100.0	100.0	-
20-24	4	-	-	100.0	100.0	-
25-29	7	-	-	100.0	100.0	-
30-34	11	-	-	100.0	100.0	-
35-39	11	-	-	100.0	100.0	-
40-49	11	-	-	100.0	100.0	-
50+	19	-	-	100.0	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	4	-	-	100.0	100.0	-
Not disabled	60	-	-	100.0	100.0	-
<b>First Generation</b>						
First generation	28	-	-	100.0	100.0	-
Not first generation	27	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	8	-	-	100.0	100.0	-
Not low income	56	-	-	100.0	100.0	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data for spring 2021.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, and Institutional Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

## BLDG Department Total (cont.)

### Student Success

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Success</b>	95.3	-	-	95.3	95.3	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	100.0	-	-	100.0	100.0	-
Filipino	-	-	-	-	-	-
Hispanic	94.7	-	-	94.7	94.7	-
Native American	-	-	-	-	-	-
Pacific Islander	60.0	-	-	60.0	60.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	100.0	-	-	100.0	100.0	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Gender</b>						
Female	86.7	-	-	86.7	86.7	-
Male	97.9	-	-	97.9	97.9	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Age</b>						
19 or less	100.0	-	-	100.0	100.0	-
20-24	100.0	-	-	100.0	100.0	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	81.8	-	-	81.8	81.8	-
40-49	90.9	-	-	90.9	90.9	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	-	100.0	100.0	-
Not disabled	95.0	-	-	95.0	95.0	-
<b>First Generation</b>						
First generation	92.9	-	-	92.9	92.9	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	75.0	-	-	75.0	75.0	-
Not low income	98.2	-	-	98.2	98.2	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, and Institutional Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

## BLDG Department Total (cont.)

### Retention

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Retention</b>	98.4	-	-	98.4	98.4	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	100.0	-	-	100.0	100.0	-
Filipino	-	-	-	-	-	-
Hispanic	94.7	-	-	94.7	94.7	-
Native American	-	-	-	-	-	-
Pacific Islander	100.0	-	-	100.0	100.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	100.0	-	-	100.0	100.0	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Gender</b>						
Female	100.0	-	-	100.0	100.0	-
Male	97.9	-	-	97.9	97.9	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Age</b>						
19 or less	100.0	-	-	100.0	100.0	-
20-24	100.0	-	-	100.0	100.0	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	100.0	-	-	100.0	100.0	-
40-49	90.9	-	-	90.9	90.9	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	-	100.0	100.0	-
Not disabled	98.3	-	-	98.3	98.3	-
<b>First Generation</b>						
First generation	100.0	-	-	100.0	100.0	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	100.0	-	-	100.0	100.0	-
Not low income	98.2	-	-	98.2	98.2	-

### DEFINITIONS & NOTES

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#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, and Institutional Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

## BLDG 730 Plumbing Inspection (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	N	Online	Hybrid	All	Synchronous	
					Fully Only	Partially Only
#Sections	1	0	0	1	1	0
#Enrollments	25	0	0	25	25	0
%Success	96.0	-	-	96.0	96.0	-
%Retention	100.0	-	-	100.0	100.0	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	N	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Enrollments</b>	25	-	-	100.0	100.0	-
<b>Ethnicity</b>						
Asian-Domestic	7	-	-	100.0	100.0	-
Asian-Intl	0	-	-	-	-	-
African American	1	-	-	100.0	100.0	-
Filipino	0	-	-	-	-	-
Hispanic	8	-	-	100.0	100.0	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	-	100.0	100.0	-
White	7	-	-	100.0	100.0	-
Multi Races	0	-	-	-	-	-
Unrecorded	1	-	-	100.0	100.0	-
<b>Gender</b>						
Female	4	-	-	100.0	100.0	-
Male	21	-	-	100.0	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Age</b>						
19 or less	0	-	-	-	-	-
20-24	1	-	-	100.0	100.0	-
25-29	3	-	-	100.0	100.0	-
30-34	4	-	-	100.0	100.0	-
35-39	4	-	-	100.0	100.0	-
40-49	5	-	-	100.0	100.0	-
50+	8	-	-	100.0	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	1	-	-	100.0	100.0	-
Not disabled	24	-	-	100.0	100.0	-
<b>First Generation</b>						
First generation	11	-	-	100.0	100.0	-
Not first generation	10	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	4	-	-	100.0	100.0	-
Not low income	21	-	-	100.0	100.0	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data for spring 2021.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, and Institutional Effectiveness (PRIE)  
collegeofsanmateo.edu/prie

## BLDG 730 Plumbing Inspection (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Success</b>	96.0	-	-	96.0	96.0	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	100.0	-	-	100.0	100.0	-
Filipino	-	-	-	-	-	-
Hispanic	100.0	-	-	100.0	100.0	-
Native American	-	-	-	-	-	-
Pacific Islander	0.0	-	-	0.0	0.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	-	-	-	-	-	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Gender</b>						
Female	75.0	-	-	75.0	75.0	-
Male	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Age</b>						
19 or less	-	-	-	-	-	-
20-24	100.0	-	-	100.0	100.0	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	75.0	-	-	75.0	75.0	-
40-49	100.0	-	-	100.0	100.0	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	-	100.0	100.0	-
Not disabled	95.8	-	-	95.8	95.8	-
<b>First Generation</b>						
First generation	90.9	-	-	90.9	90.9	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	75.0	-	-	75.0	75.0	-
Not low income	100.0	-	-	100.0	100.0	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only .

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data for spring 2021.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, and Institutional Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

## BLDG 730 Plumbing Inspection (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Retention</b>	100.0	-	-	100.0	100.0	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	100.0	-	-	100.0	100.0	-
Filipino	-	-	-	-	-	-
Hispanic	100.0	-	-	100.0	100.0	-
Native American	-	-	-	-	-	-
Pacific Islander	100.0	-	-	100.0	100.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	-	-	-	-	-	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Gender</b>						
Female	100.0	-	-	100.0	100.0	-
Male	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Age</b>						
19 or less	-	-	-	-	-	-
20-24	100.0	-	-	100.0	100.0	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	100.0	-	-	100.0	100.0	-
40-49	100.0	-	-	100.0	100.0	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	-	100.0	100.0	-
Not disabled	100.0	-	-	100.0	100.0	-
<b>First Generation</b>						
First generation	100.0	-	-	100.0	100.0	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	100.0	-	-	100.0	100.0	-
Not low income	100.0	-	-	100.0	100.0	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only .

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data for spring 2021.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## BLDG 750 Structural Provisions (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	N	Online	Hybrid	All	Synchronous	
					Fully Only	Partially Only
#Sections	1	0	0	1	1	0
#Enrollments	11	0	0	11	11	0
%Success	90.9	-	-	90.9	90.9	-
%Retention	100.0	-	-	100.0	100.0	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	N	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Enrollments</b>	11	-	-	100.0	100.0	-
<b>Ethnicity</b>						
Asian-Domestic	3	-	-	100.0	100.0	-
Asian-Intl	0	-	-	-	-	-
African American	0	-	-	-	-	-
Filipino	0	-	-	-	-	-
Hispanic	2	-	-	100.0	100.0	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	-	100.0	100.0	-
White	3	-	-	100.0	100.0	-
Multi Races	1	-	-	100.0	100.0	-
Unrecorded	1	-	-	100.0	100.0	-
<b>Gender</b>						
Female	5	-	-	100.0	100.0	-
Male	6	-	-	100.0	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Age</b>						
19 or less	0	-	-	-	-	-
20-24	0	-	-	-	-	-
25-29	1	-	-	100.0	100.0	-
30-34	3	-	-	100.0	100.0	-
35-39	3	-	-	100.0	100.0	-
40-49	1	-	-	100.0	100.0	-
50+	3	-	-	100.0	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	0	-	-	-	-	-
Not disabled	11	-	-	100.0	100.0	-
<b>First Generation</b>						
First generation	5	-	-	100.0	100.0	-
Not first generation	4	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	1	-	-	100.0	100.0	-
Not low income	10	-	-	100.0	100.0	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data for spring 2021.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## BLDG 750 Structural Provisions (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Success</b>	90.9	-	-	90.9	90.9	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	-	-	-	-	-	-
Filipino	-	-	-	-	-	-
Hispanic	100.0	-	-	100.0	100.0	-
Native American	-	-	-	-	-	-
Pacific Islander	0.0	-	-	0.0	0.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	100.0	-	-	100.0	100.0	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Gender</b>						
Female	80.0	-	-	80.0	80.0	-
Male	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Age</b>						
19 or less	-	-	-	-	-	-
20-24	-	-	-	-	-	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	66.7	-	-	66.7	66.7	-
40-49	100.0	-	-	100.0	100.0	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	-	-	-	-	-	-
Not disabled	90.9	-	-	90.9	90.9	-
<b>First Generation</b>						
First generation	80.0	-	-	80.0	80.0	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	0.0	-	-	0.0	0.0	-
Not low income	100.0	-	-	100.0	100.0	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only .

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data for spring 2021.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## BLDG 750 Structural Provisions (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Retention</b>	100.0	-	-	100.0	100.0	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	-	-	-	-	-	-
Filipino	-	-	-	-	-	-
Hispanic	100.0	-	-	100.0	100.0	-
Native American	-	-	-	-	-	-
Pacific Islander	100.0	-	-	100.0	100.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	100.0	-	-	100.0	100.0	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Gender</b>						
Female	100.0	-	-	100.0	100.0	-
Male	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Age</b>						
19 or less	-	-	-	-	-	-
20-24	-	-	-	-	-	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	100.0	-	-	100.0	100.0	-
40-49	100.0	-	-	100.0	100.0	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	-	-	-	-	-	-
Not disabled	100.0	-	-	100.0	100.0	-
<b>First Generation</b>						
First generation	100.0	-	-	100.0	100.0	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	100.0	-	-	100.0	100.0	-
Not low income	100.0	-	-	100.0	100.0	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only .

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data for spring 2021.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## BLDG 790 Blueprint Reading for Constr (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	N	Online	Hybrid	All	Synchronous	
					Fully Only	Partially Only
#Sections	1	0	0	1	1	0
#Enrollments	28	0	0	28	28	0
%Success	96.4	-	-	96.4	96.4	-
%Retention	96.4	-	-	96.4	96.4	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	N	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Enrollments</b>	28	-	-	100.0	100.0	-
<b>Ethnicity</b>						
Asian-Domestic	3	-	-	100.0	100.0	-
Asian-Intl	0	-	-	-	-	-
African American	0	-	-	-	-	-
Filipino	0	-	-	-	-	-
Hispanic	9	-	-	100.0	100.0	-
Native American	0	-	-	-	-	-
Pacific Islander	3	-	-	100.0	100.0	-
White	12	-	-	100.0	100.0	-
Multi Races	1	-	-	100.0	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Gender</b>						
Female	6	-	-	100.0	100.0	-
Male	21	-	-	100.0	100.0	-
Unrecorded	1	-	-	100.0	100.0	-
<b>Age</b>						
19 or less	1	-	-	100.0	100.0	-
20-24	3	-	-	100.0	100.0	-
25-29	3	-	-	100.0	100.0	-
30-34	4	-	-	100.0	100.0	-
35-39	4	-	-	100.0	100.0	-
40-49	5	-	-	100.0	100.0	-
50+	8	-	-	100.0	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	3	-	-	100.0	100.0	-
Not disabled	25	-	-	100.0	100.0	-
<b>First Generation</b>						
First generation	12	-	-	100.0	100.0	-
Not first generation	13	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	3	-	-	100.0	100.0	-
Not low income	25	-	-	100.0	100.0	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data for spring 2021.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## BLDG 790 Blueprint Reading for Constr (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Success</b>	96.4	-	-	96.4	96.4	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	-	-	-	-	-	-
Filipino	-	-	-	-	-	-
Hispanic	88.9	-	-	88.9	88.9	-
Native American	-	-	-	-	-	-
Pacific Islander	100.0	-	-	100.0	100.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Gender</b>						
Female	100.0	-	-	100.0	100.0	-
Male	95.2	-	-	95.2	95.2	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Age</b>						
19 or less	100.0	-	-	100.0	100.0	-
20-24	100.0	-	-	100.0	100.0	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	100.0	-	-	100.0	100.0	-
40-49	80.0	-	-	80.0	80.0	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	-	100.0	100.0	-
Not disabled	96.0	-	-	96.0	96.0	-
<b>First Generation</b>						
First generation	100.0	-	-	100.0	100.0	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	100.0	-	-	100.0	100.0	-
Not low income	96.0	-	-	96.0	96.0	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only .

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data for spring 2021.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## BLDG 790 Blueprint Reading for Constr (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	Average %	Online %	Hybrid %	Synchronous %		
				All	Fully only	Partially only
<b>Total Retention</b>	96.4	-	-	96.4	96.4	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	-	100.0	100.0	-
Asian-Intl	-	-	-	-	-	-
African American	-	-	-	-	-	-
Filipino	-	-	-	-	-	-
Hispanic	88.9	-	-	88.9	88.9	-
Native American	-	-	-	-	-	-
Pacific Islander	100.0	-	-	100.0	100.0	-
White	100.0	-	-	100.0	100.0	-
Multi Races	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Gender</b>						
Female	100.0	-	-	100.0	100.0	-
Male	95.2	-	-	95.2	95.2	-
Unrecorded	100.0	-	-	100.0	100.0	-
<b>Age</b>						
19 or less	100.0	-	-	100.0	100.0	-
20-24	100.0	-	-	100.0	100.0	-
25-29	100.0	-	-	100.0	100.0	-
30-34	100.0	-	-	100.0	100.0	-
35-39	100.0	-	-	100.0	100.0	-
40-49	80.0	-	-	80.0	80.0	-
50+	100.0	-	-	100.0	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	-	100.0	100.0	-
Not disabled	96.0	-	-	96.0	96.0	-
<b>First Generation</b>						
First generation	100.0	-	-	100.0	100.0	-
Not first generation	100.0	-	-	100.0	100.0	-
<b>Income Status</b>						
Low income	100.0	-	-	100.0	100.0	-
Not low income	96.0	-	-	96.0	96.0	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, if offered. This comparison applies to spring 2021 only .

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data for spring 2021.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, and Institutional Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

# Program Overview

Building/Home/Construction Inspection/Inspector

Lightcast Q1 2023 Data Set

April 2023

## San Mateo County Community College District



3401 CSM Drive  
San Mateo, California 94402  
650.358.6880

# Parameters

Completions Year: 2021

Jobs Timeframe: 2017 - 2028

Job Postings Timeframe: Sep 2021 - Sep 2022

Programs:

Code	Description
46.0403	Building/Home/Construction Inspection/Inspector

Regions:

Code	Description	Code	Description
6001	Alameda County, CA	6081	San Mateo County, CA
6075	San Francisco County, CA	6085	Santa Clara County, CA

Education Level: Any

Tuition Type: Tuition & Fees

Graduate Status: Undergraduate

Residency: In-State



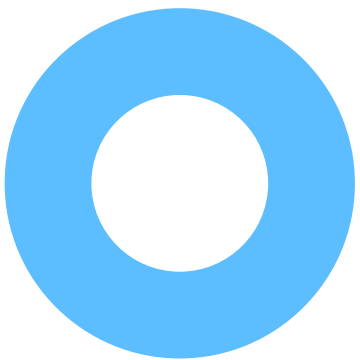
<p>2</p> <p>Institutions</p> <p>-33% Growth (2017-2021)</p>	<p>15</p> <p>Completions</p> <p>-35% Growth (2017-2021)</p>	<p>Completions Distribution</p> <p>Average: 7.5</p> <p>7 ————— 8</p> <p>Median: 7.5</p>
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### Program Overview



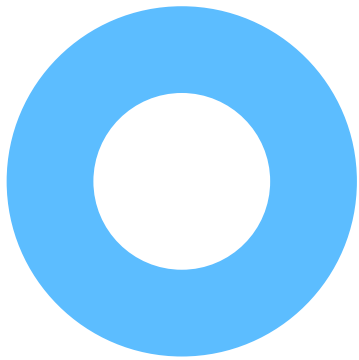
	Completions (2021)	% Completions	Institutions (2021)	% Institutions
● All Programs	15	100%	2	100%
● Distance Offered Programs	7	47%	1	50%
● Non-Distance Offered Programs	8	53%	1	50%

### Market Share by Institution Type



Institution Type	Completions (2021)	Market Share
● Public, 2-year	15	100.0%

## Market Share by Program

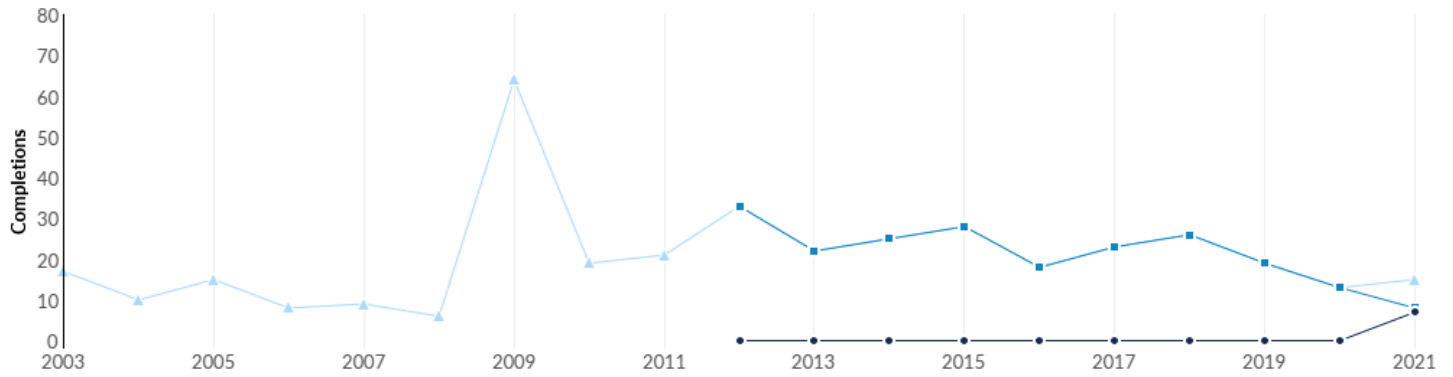


Program	Completions (2021)	Market Share
● Building/Home/Construction Inspection/Inspector (46.0403)	15	100.0%

## Completions by Institution

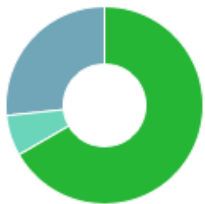
Institution	Completions (2021)	Growth % YOY (2021)	Market Share (2021)	IPEDS Tuition & Fees (2021)	Completions Trend (2017-2021)
Laney College	8	14.3%	53.3%	\$1,148	
College of San Mateo	7	40.0%	46.7%	\$1,440	

## Regional Trends



	2012 Completions	2021 Completions	% Change
Distance Offered Programs	0	7	Insf. Data
Non-Distance Offered Programs	33	8	-75.8%
All Programs	33	15	-54.5%

## Regional Completions by Award Level



Award Level	Completions (2021)	Percent
Award of less than 1 academic year	10	66.7%
Award of at least 1 but less than 2 academic years	1	6.7%
Associate's Degree	4	26.7%
Award of at least 2 but less than 4 academic years	0	0.0%
Bachelor's Degree	0	0.0%
Postbaccalaureate certificate	0	0.0%
Master's Degree	0	0.0%
Post-masters certificate	0	0.0%
Doctor's Degree	0	0.0%

## Similar Programs

12  
Programs (2021)

1,326  
Completions (2021)

CIP Code	Program	Completions (2021)
43.0104	Criminal Justice/Safety Studies	712
43.0201	Fire Prevention and Safety Technology/Technician	170
04.0902	Architectural and Building Sciences/Technology	118
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	108
52.2001	Construction Management, General	80
46.0415	Building Construction Technology/Technician	59
04.0901	Architectural Technology/Technician	31
43.0406	Forensic Science and Technology	25
43.0203	Fire Science/Fire-fighting	20
46.0201	Carpentry/Carpenter	3

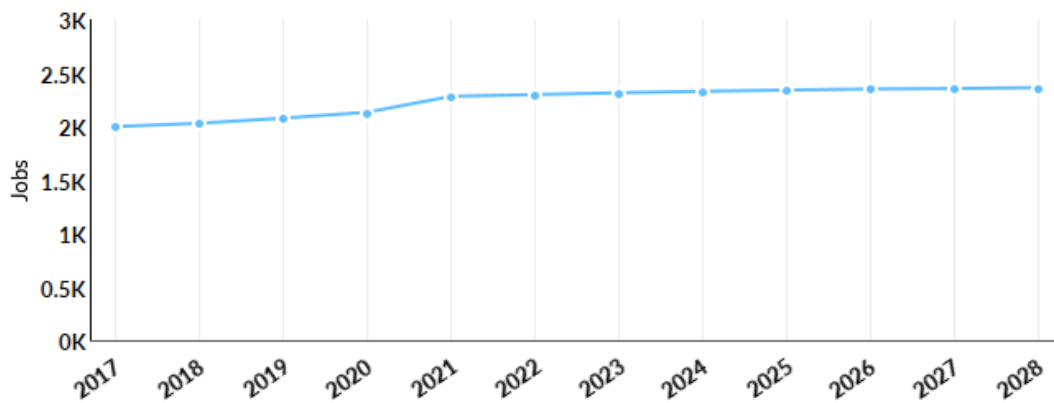
# Target Occupations

<p>1,996</p> <p>Jobs (2017)</p> <p>18% <b>below</b> National average</p>	<p><b>+18.2%</b></p> <p>% Change (2017-2028)</p> <p>Nation: <b>+25.2%</b></p>	<p>\$48.73/hr</p> <p>\$101.4K/yr</p> <p>Median Earnings</p> <p>Nation: \$29.46/hr; \$61.3K/yr</p>	<p>306</p> <p>Annual Openings</p>
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Occupation	2017 Jobs	Annual Openings	Median Earnings	Growth (2017 - 2028)	Location Quotient (2017)
Construction and Building Inspectors	1,892	275	\$48.92/hr	<b>+12.00%</b>	0.87
Fire Inspectors and Investigators	104	31	\$44.38/hr	<b>+131.73%</b>	0.42

## Growth

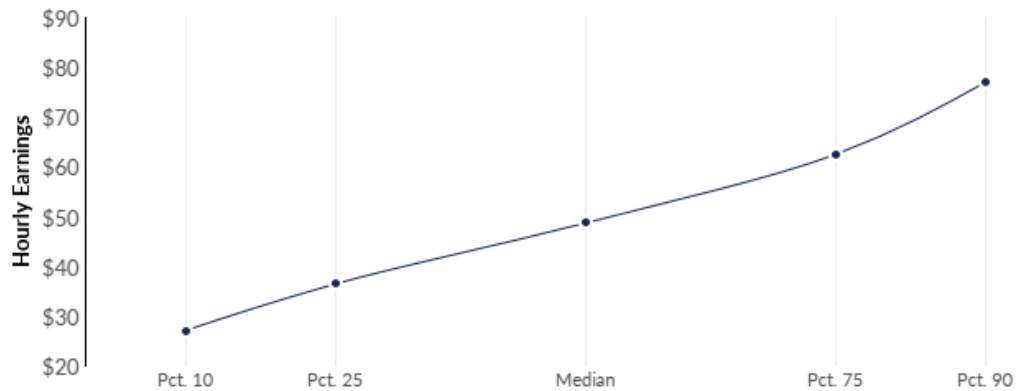
<p>1,996</p> <p>2017 Jobs</p>	<p>2,360</p> <p>2028 Jobs</p>	<p>364</p> <p>Change (2017-2028)</p>	<p>18.2%</p> <p>% Change (2017-2028)</p>
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Occupation	2017 Jobs	2028 Jobs	Change	% Change
Fire Inspectors and Investigators (33-2021)	104	241	137	132%
Construction and Building Inspectors (47-4011)	1,892	2,119	227	12%

## Percentile Earnings

<p>\$36.48/hr</p> <p>25th Percentile Earnings</p>	<p>\$48.73/hr</p> <p>Median Earnings</p>	<p>\$62.52/hr</p> <p>75th Percentile Earnings</p>
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Fire Inspectors and Investigators (33-2021)	\$26.08	\$44.38	\$62.68
Construction and Building Inspectors (47-4011)	\$37.47	\$48.92	\$62.50

## Job Postings Summary

<p>889</p> <p>Unique Postings 2,878 Total Postings</p>	<p>3 : 1</p> <p>Posting Intensity</p> <p>Regional Average: 4 : 1</p>	<p>33 days</p> <p>Median Posting Duration Regional Average: 29 days</p>
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There were 2,878 total job postings for your selection from September 2021 to September 2022, of which 889 were unique. These numbers give us a Posting Intensity of 3-to-1, meaning that for every 3 postings there is 1 unique job posting.

This is close to the Posting Intensity for all other occupations and companies in the region (4-to-1), indicating that they are putting average effort toward hiring for this position.

# Job Postings vs. Hires

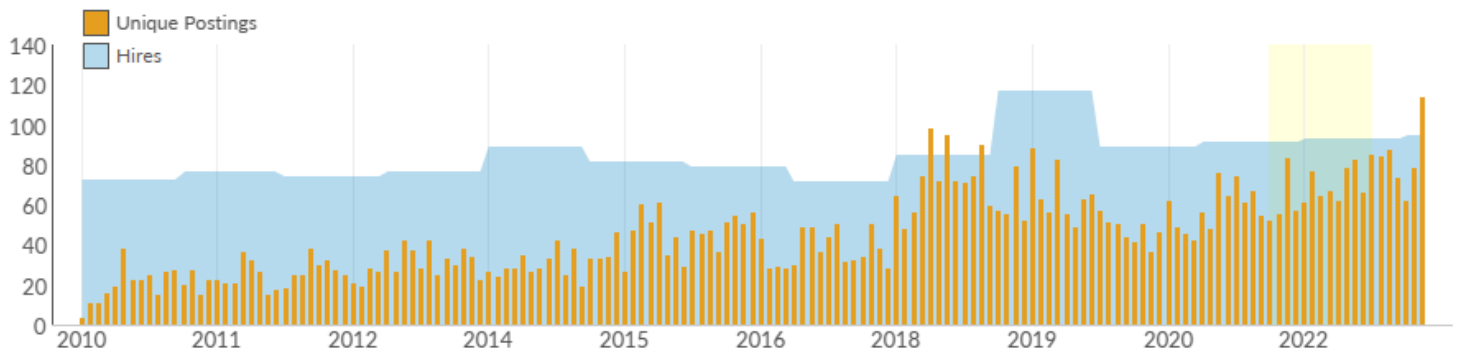
68

Avg. Monthly Postings (Sep 2021 - Sep 2022)

93











Avg. Monthly Hires (Sep 2021 - Sep 2022)

In an average month, there were 68 newly posted job postings for 2 Occupations, and 93 actually hired. This means there was approximately 1 hire for 2 Occupations for every 1 unique job posting.













Occupation	Avg Monthly Postings (Sep 2021 - Sep 2022)	Avg Monthly Hires (Sep 2021 - Sep 2022)
Construction and Building Inspectors	54	86
Fire Inspectors and Investigators	14	7

## Top Companies Posting

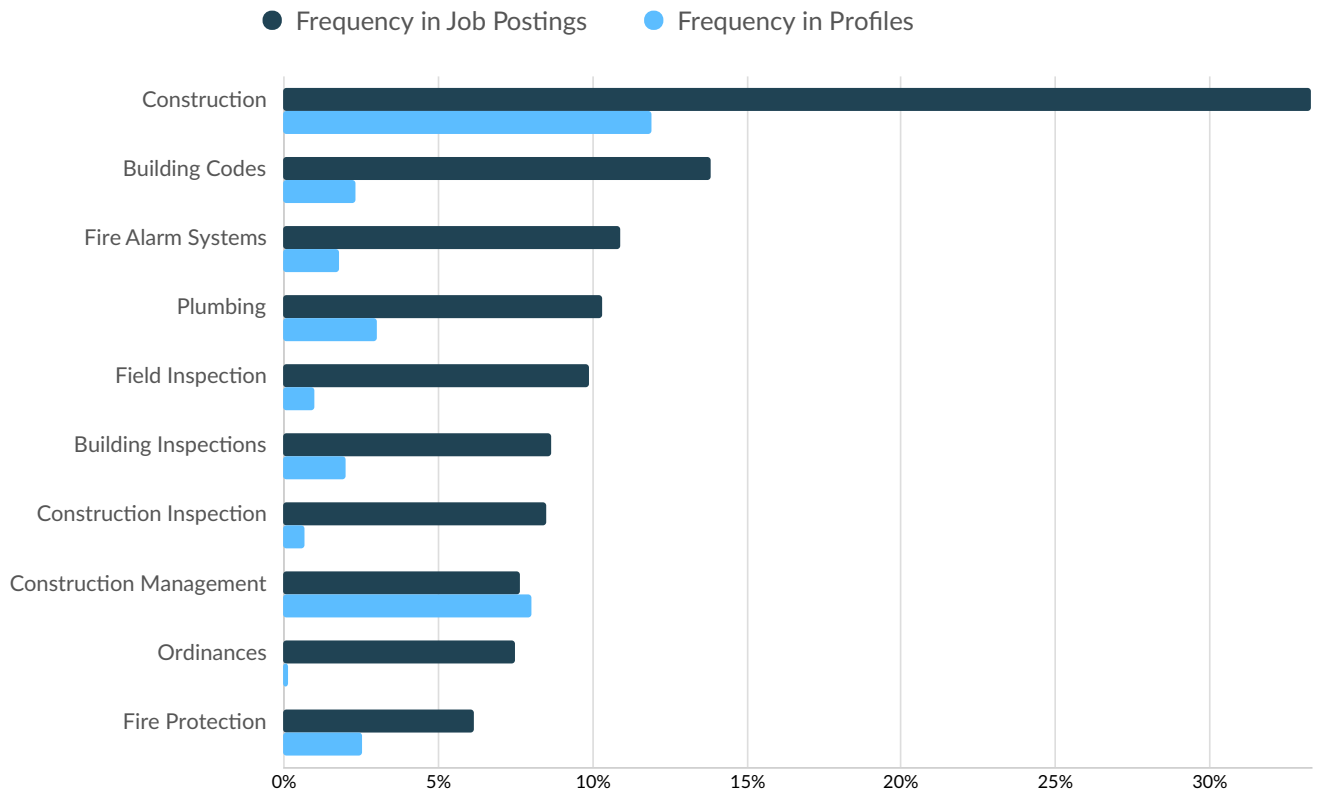
Company	Total/Unique (Sep 2021 - Sep 2022)	Posting Intensity	Median Posting Duration
City Of Fremont	37 / 23	2 : 1 	n/a
Johnson Controls	49 / 19	3 : 1 	26 days
Bureau Veritas	30 / 18	2 : 1 	12 days
Tesla	44 / 18	2 : 1 	25 days
WSP Global	24 / 18	1 : 1 	11 days
Kleinfelder	83 / 17	5 : 1 	n/a
Interwest Consulting Group	29 / 16	2 : 1 	35 days
Orkin	86 / 16	5 : 1 	n/a
PG&E	113 / 15	8 : 1 	29 days
City & County of San Francisco	75 / 14	5 : 1 	42 days

## Top Posted Job Titles

Job Title	Total/Unique (Sep 2021 - Sep 2022)	Posting Intensity	Median Posting Duration
Construction Inspectors	234 / 90	3 : 1 	36 days
Building Inspectors	144 / 70	2 : 1 	32 days
Inspectors	86 / 35	2 : 1 	24 days
Energy Analysts	90 / 33	3 : 1 	28 days
Fire Inspectors	140 / 28	5 : 1 	16 days
Fire Alarm Inspectors	53 / 25	2 : 1 	26 days
Special Instructors	153 / 24	6 : 1 	9 days
Home Inspectors	45 / 23	2 : 1 	38 days
Fire Alarm and Fire Sprinkler Inspectors	63 / 21	3 : 1 	39 days
Energy Efficiency Program Managers	51 / 19	3 : 1 	34 days

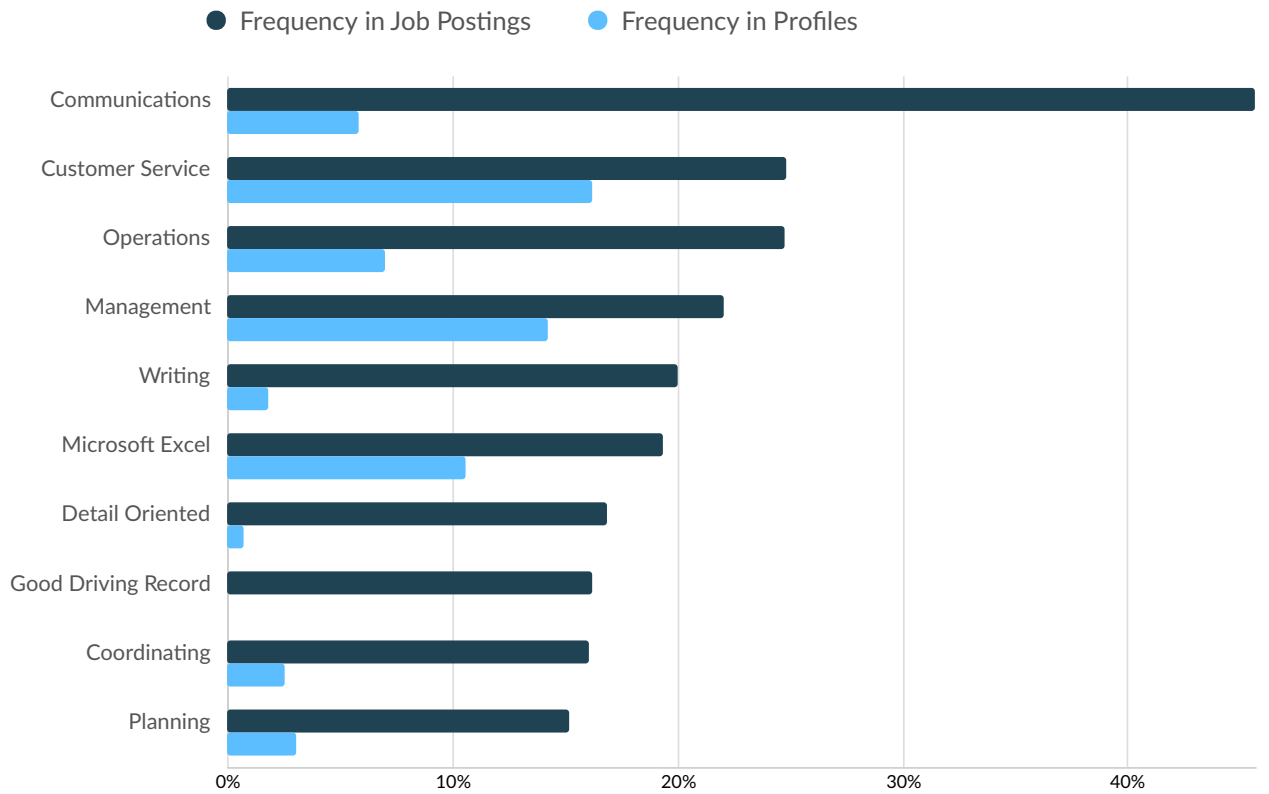


# Top Specialized Skills



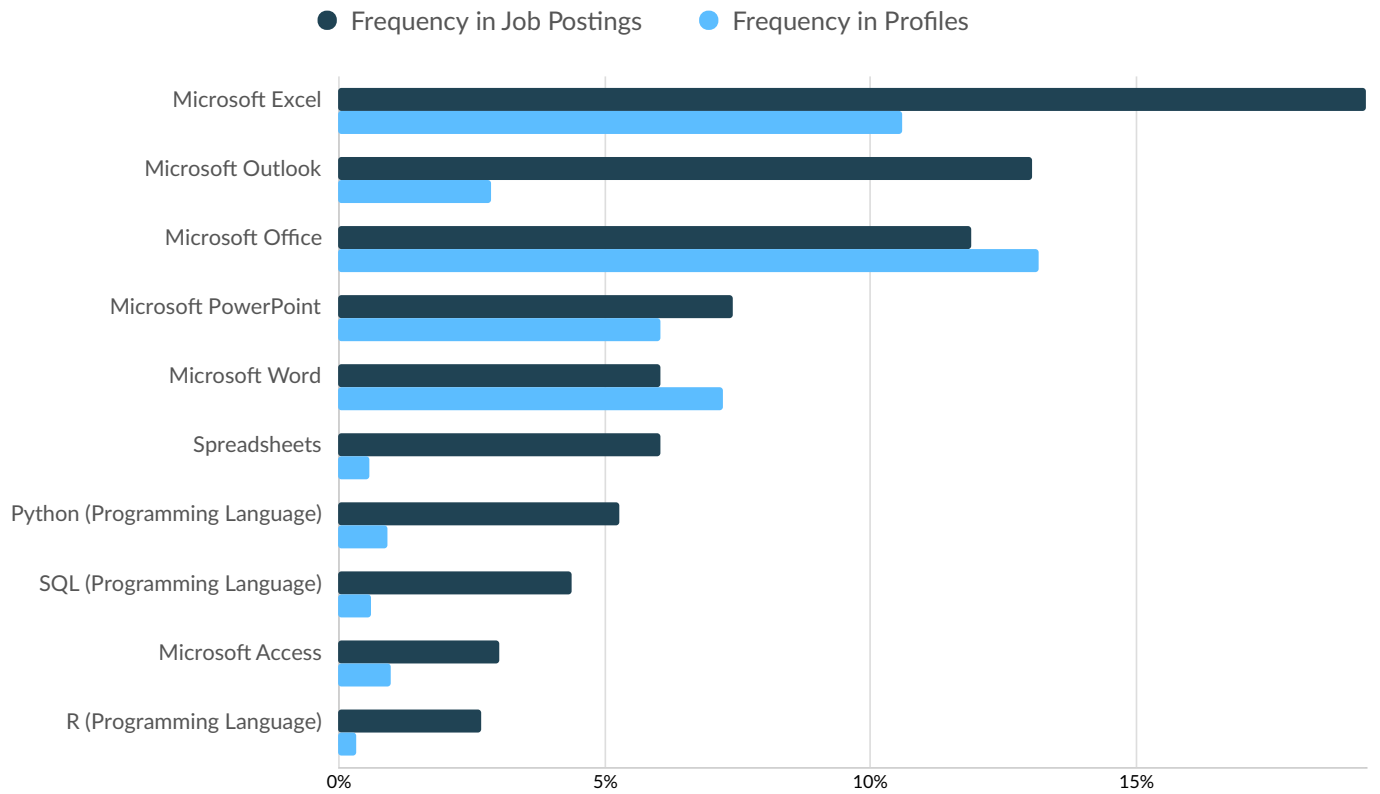
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles	Projected Skill Growth (2 years)
Construction	296	33%	208	12%	14%
Building Codes	123	14%	41	2%	7%
Fire Alarm Systems	97	11%	32	2%	8%
Plumbing	92	10%	53	3%	2%
Field Inspection	88	10%	18	1%	4%
Building Inspections	77	9%	35	2%	12%
Construction Inspection	76	9%	12	1%	-3%
Construction Management	68	8%	140	8%	6%
Ordinances	67	8%	3	0%	29%
Fire Protection	55	6%	45	3%	9%

# Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles	Projected Skill Growth (2 years)
Communications	406	46%	102	6%	5%
Customer Service	221	25%	283	16%	-3%
Operations	220	25%	122	7%	9%
Management	196	22%	248	14%	-2%
Writing	178	20%	32	2%	-2%
Microsoft Excel	172	19%	185	11%	-5%
Detail Oriented	150	17%	13	1%	1%
Good Driving Record	144	16%	0	0%	6%
Coordinating	143	16%	45	3%	12%
Planning	135	15%	54	3%	14%

# Top Software Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles	Projected Skill Growth (2 years)
Microsoft Excel	172	19%	185	11%	-5%
Microsoft Outlook	116	13%	50	3%	-2%
Microsoft Office	106	12%	230	13%	1%
Microsoft PowerPoint	66	7%	106	6%	-4%
Microsoft Word	54	6%	126	7%	-13%
Spreadsheets	54	6%	10	1%	-3%
Python (Programming Language)	47	5%	16	1%	14%
SQL (Programming Language)	39	4%	11	1%	-13%
Microsoft Access	27	3%	17	1%	-13%
R (Programming Language)	24	3%	6	0%	42%

# Top Qualifications

Qualification	Postings with Qualification
Valid Driver's License	398
ACI Concrete Field Testing Technician	41
Certified Welding Inspector	32
NICET Level II Certification	23
CDL Class C License	20
NICET Certification (National Institute For Certification In Engineering Technologies)	19
Residential Building Inspector	18
Master Of Business Administration (MBA)	18
NICET Level I Certification	17
CompTIA Advanced Security Practitioner (CASP+)	14

# Appendix A

## Program Selection Details

CIP Code	Program Name
46.0403	Building/Home/Construction Inspection/Inspector

# Appendix B - Data Sources and Calculations

## Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

## Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

## Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

## State Data Sources

This report uses state data from the following agencies: California Employment Development Department