

Postsecondary Options with Career in Mind

Sarah Burns

Director of Research & Evaluation

April 17, 2019



San Diego
Workforce
Partnership





EDD Employment
Development
Department
State of California



The City of
SAN DIEGO



AMGEN

Bank of America



JPMORGAN
CHASE & Co.

KRONOS

THE ASPEN
INSTITUTE

JACOBS
CENTER FOR NEIGHBORHOOD INNOVATION

The James Irvine
Foundation

SCEDC
South County Economic
Development Council

Walmart
Foundation

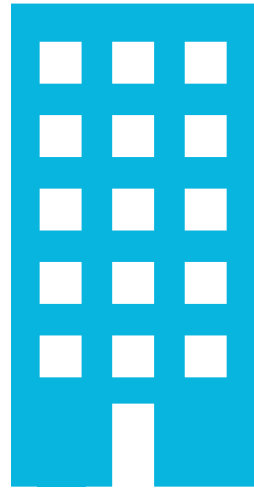




San Diego
Workforce
Partnership



52,000
Unemployed
in SD County



85,000
Employers
in SD County



The Need: San Diego's Labor Market

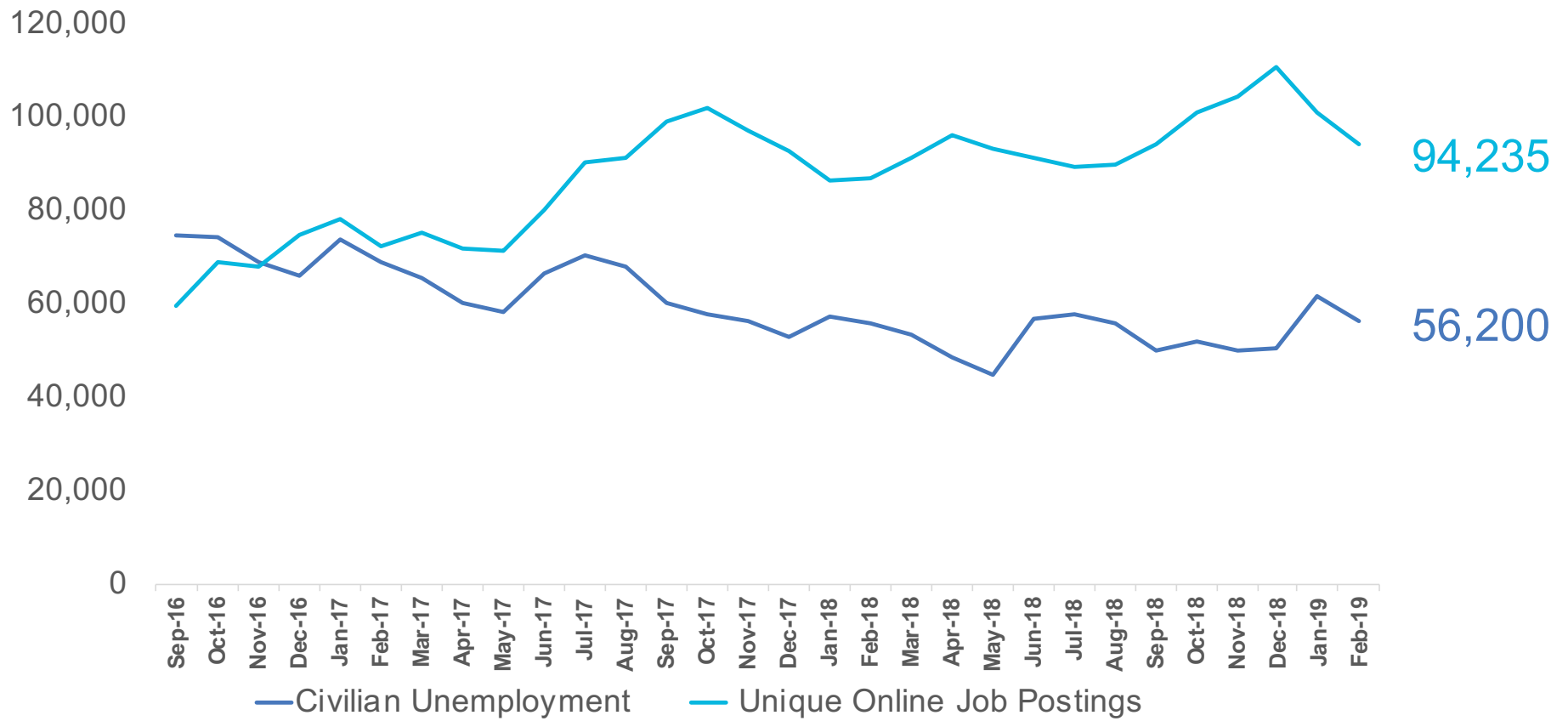


[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)

Online Job Postings vs. People Unemployed, San Diego County



How much do I need to earn?

\$15.99/hr

(\$33,259/yr)

for self-sufficiency



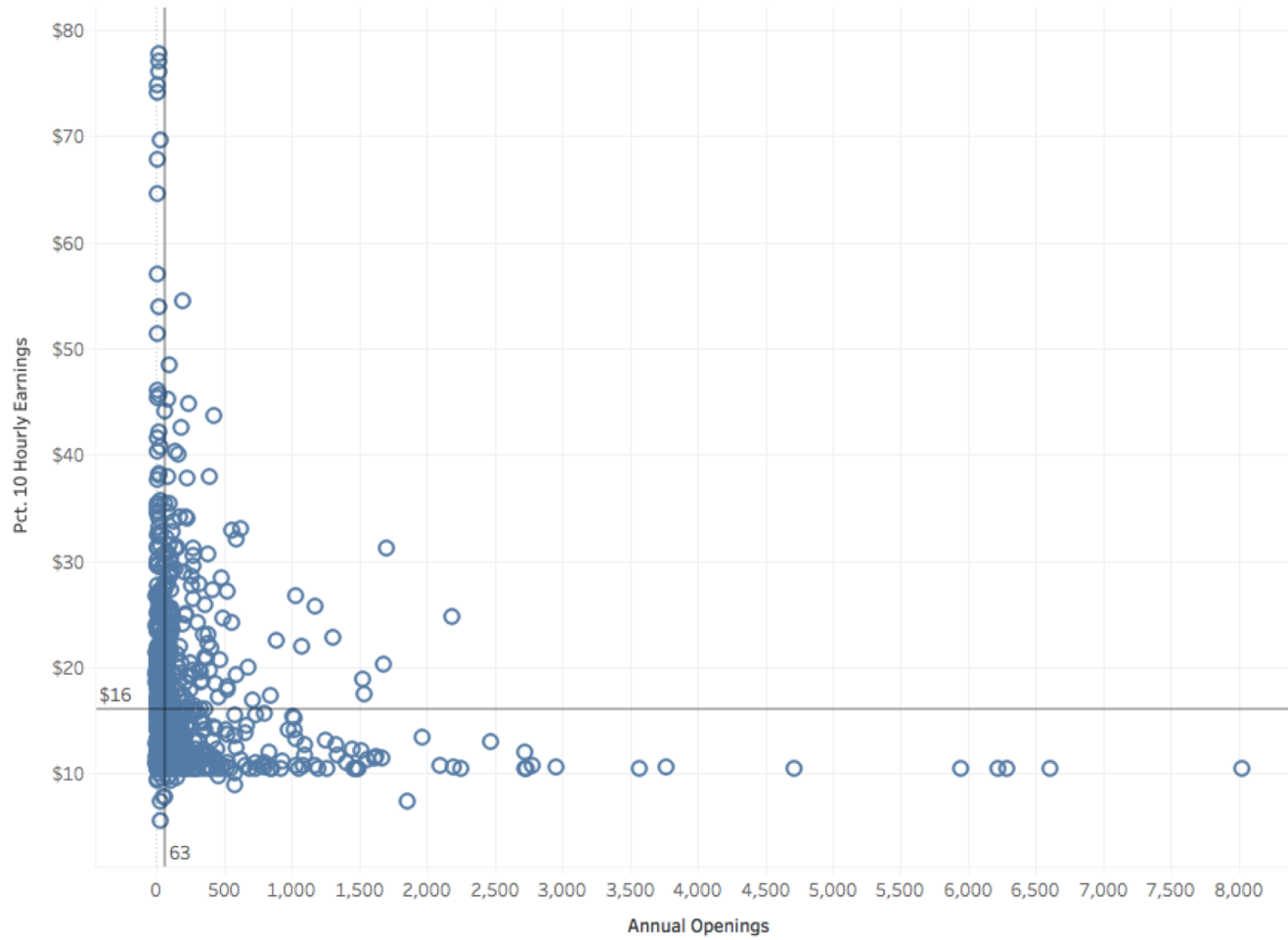
[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



All San Diego Occupations, Annual Openings vs Entry-Level Hourly Wages, 2017-2022



Emsi 2018.4 datarun



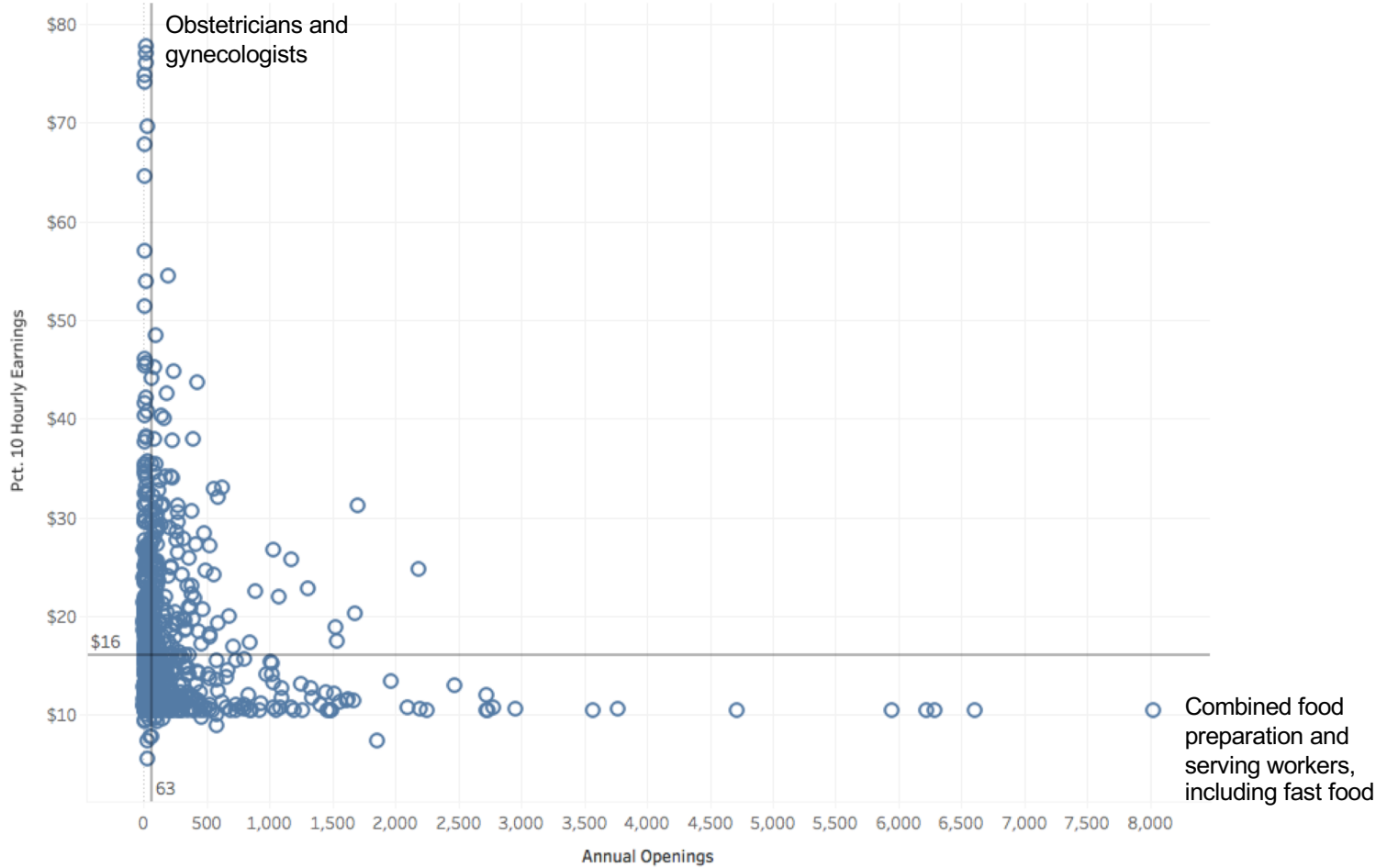
[sdworkforce](#)

[#thisisworkforce](#)

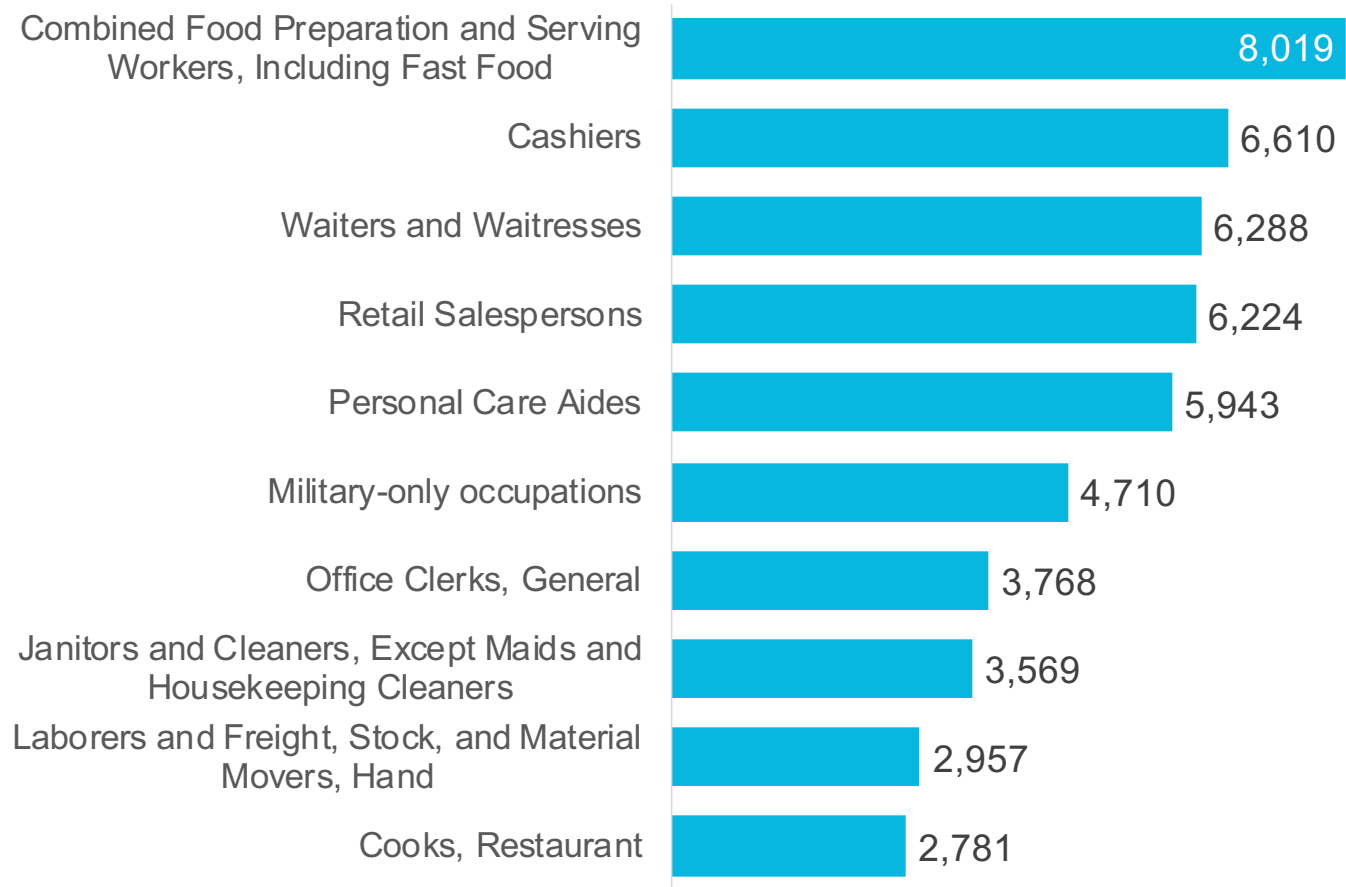
[workforce.org](#)



All San Diego Occupations, Annual Openings vs Entry-Level Hourly Wages, 2017-2022



Top 10 SD Occupations by Annual Openings, 2017-2022



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



Priority Jobs

- **Available:** occupations with more-than-average openings per year (64)
- **Reliable:** occupations with more-than-average projected growth (6%)
- **Profitable:** occupations with self-sustaining entry-level wages for single earner (\$16)



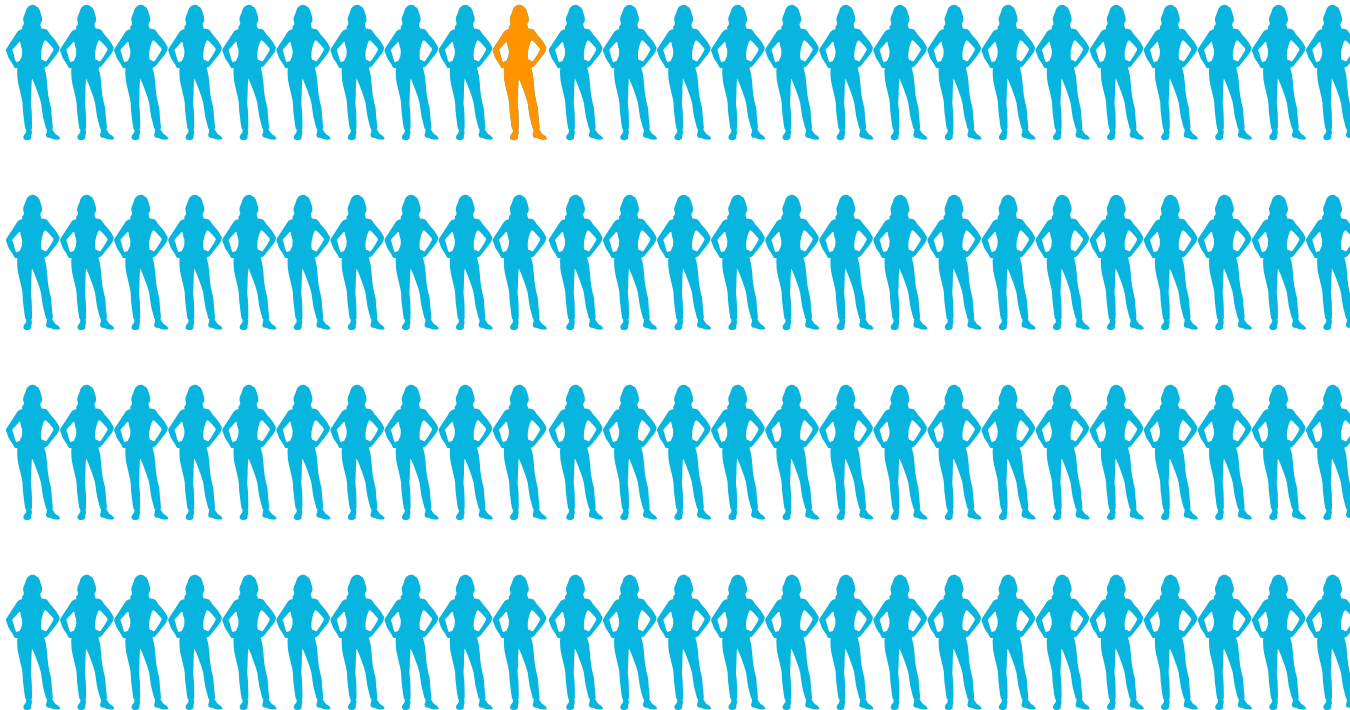
sdworkforce

#thisisworkforce

workforce.org



10th Percentile:



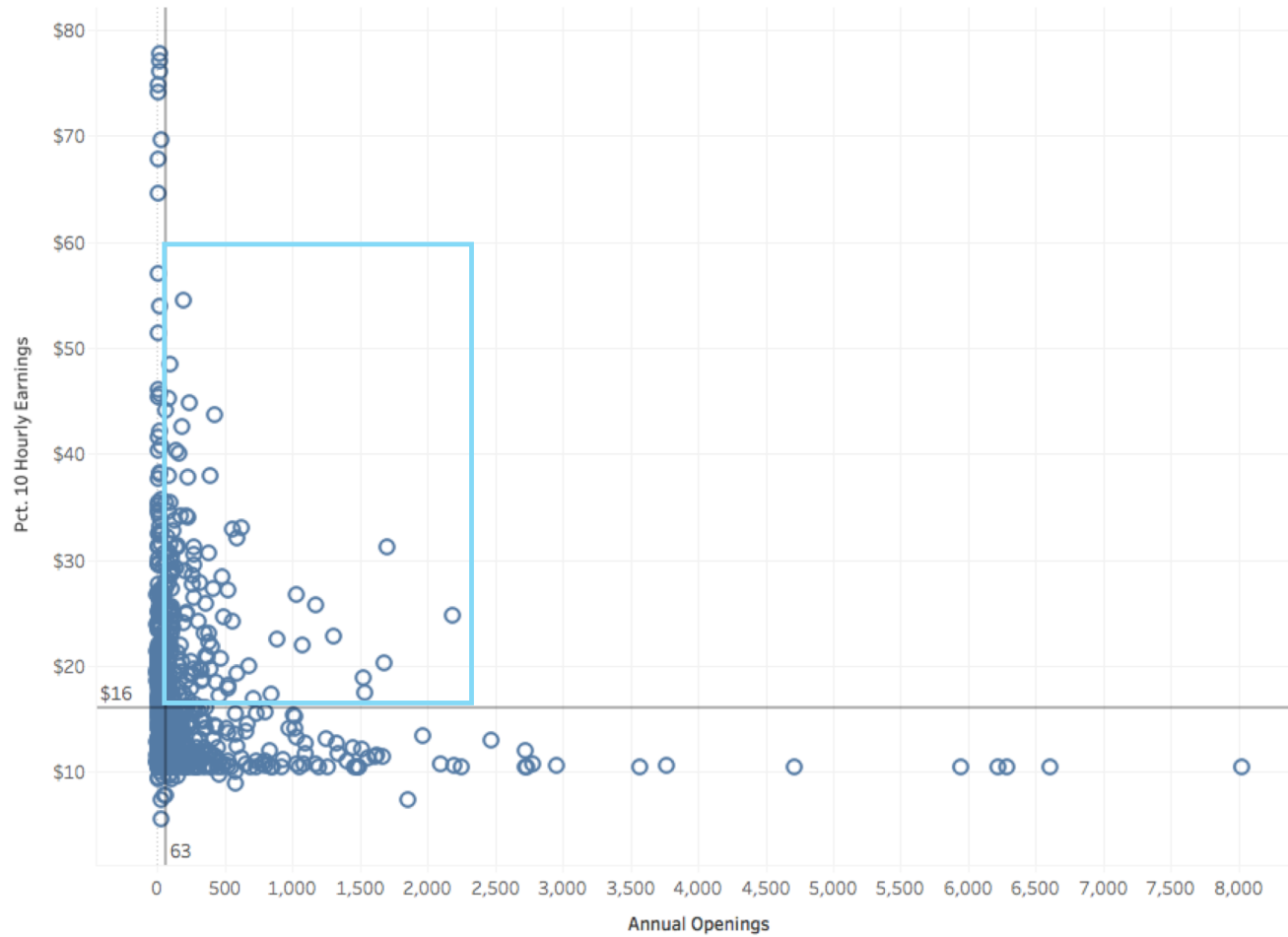
[sdworkforce](#)

[#thisisworkforce](#)

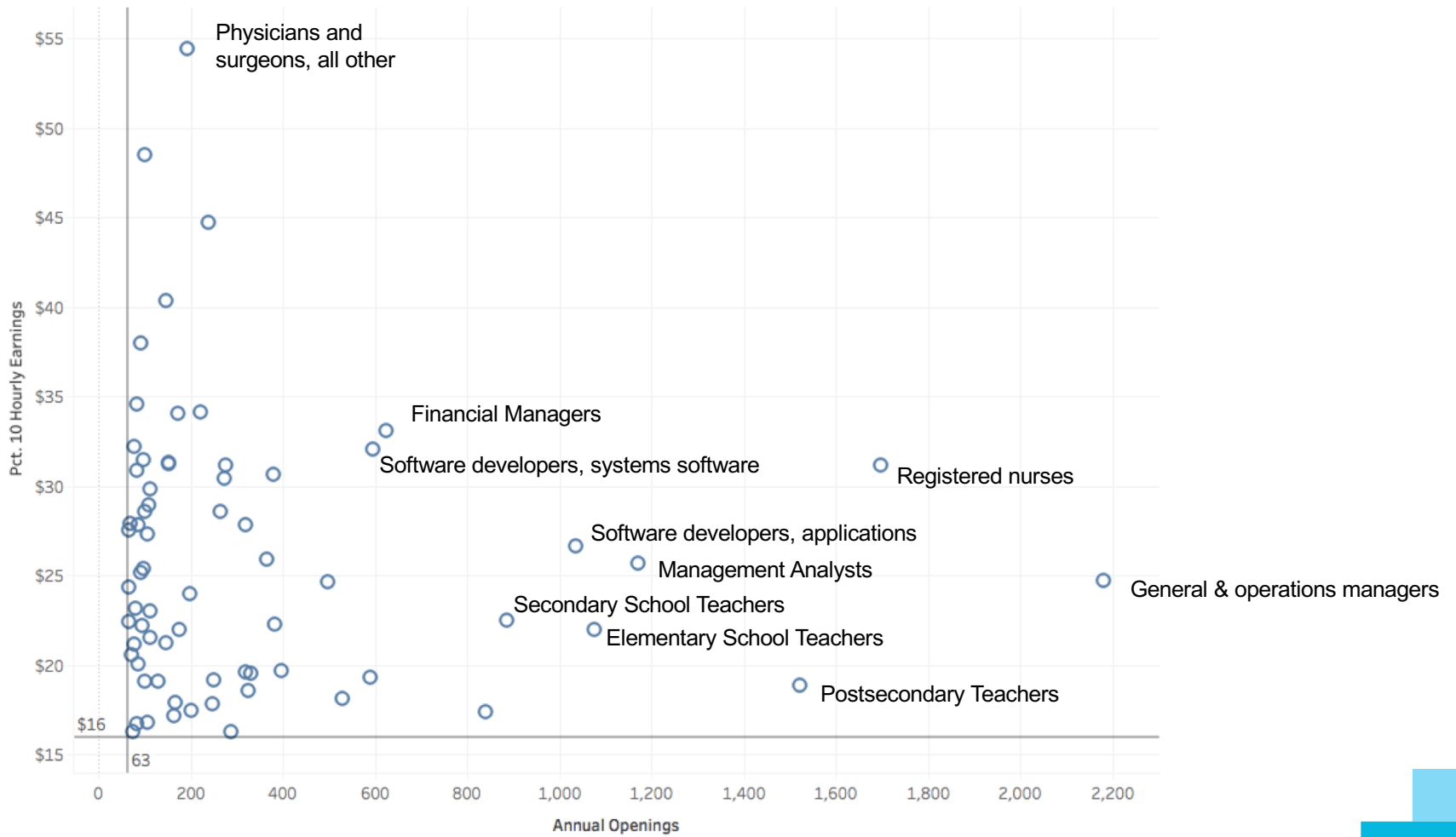
[workforce.org](#)



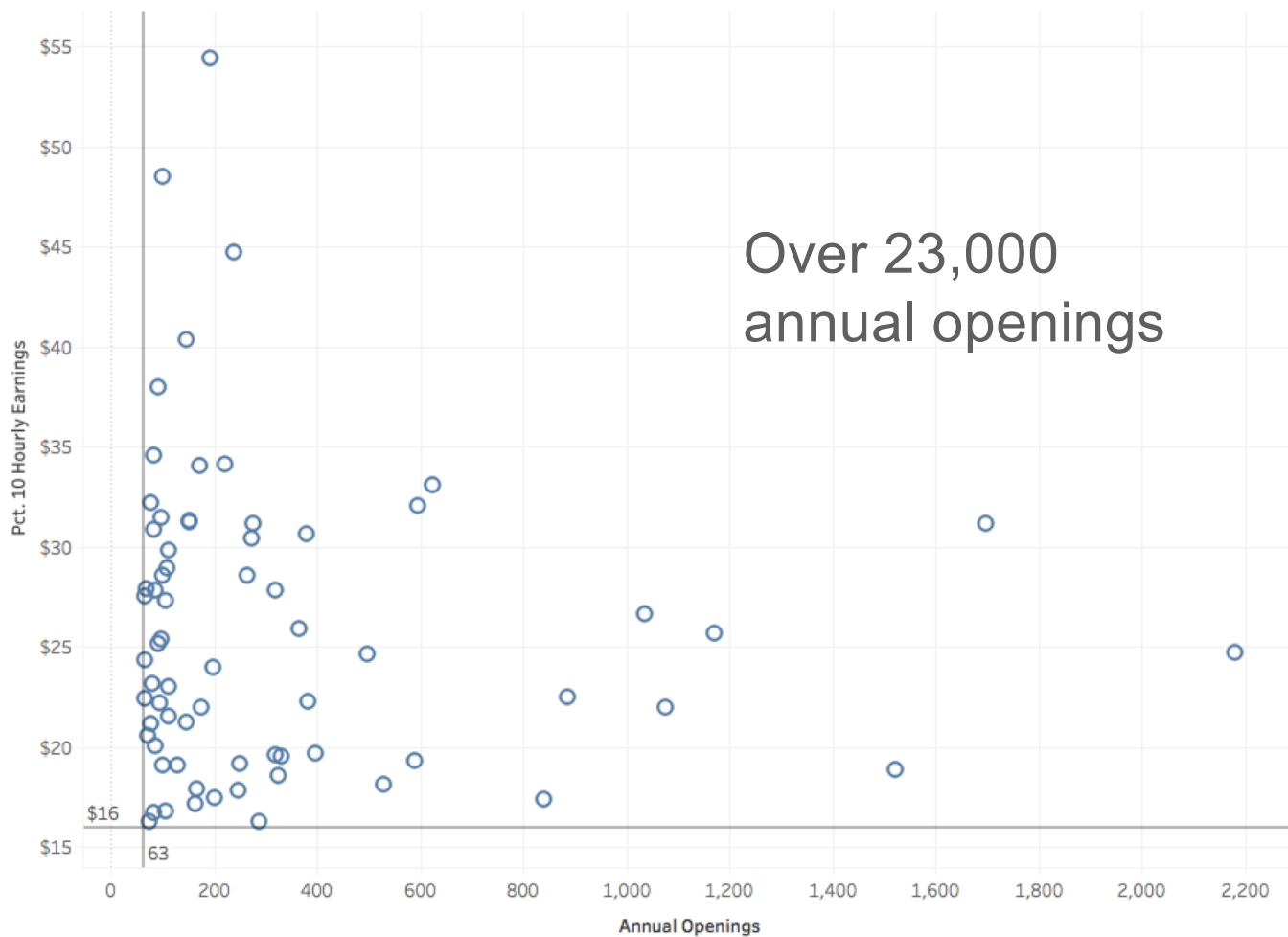
All San Diego Occupations, Annual Openings vs Entry-Level Hourly Wages, 2017-2022



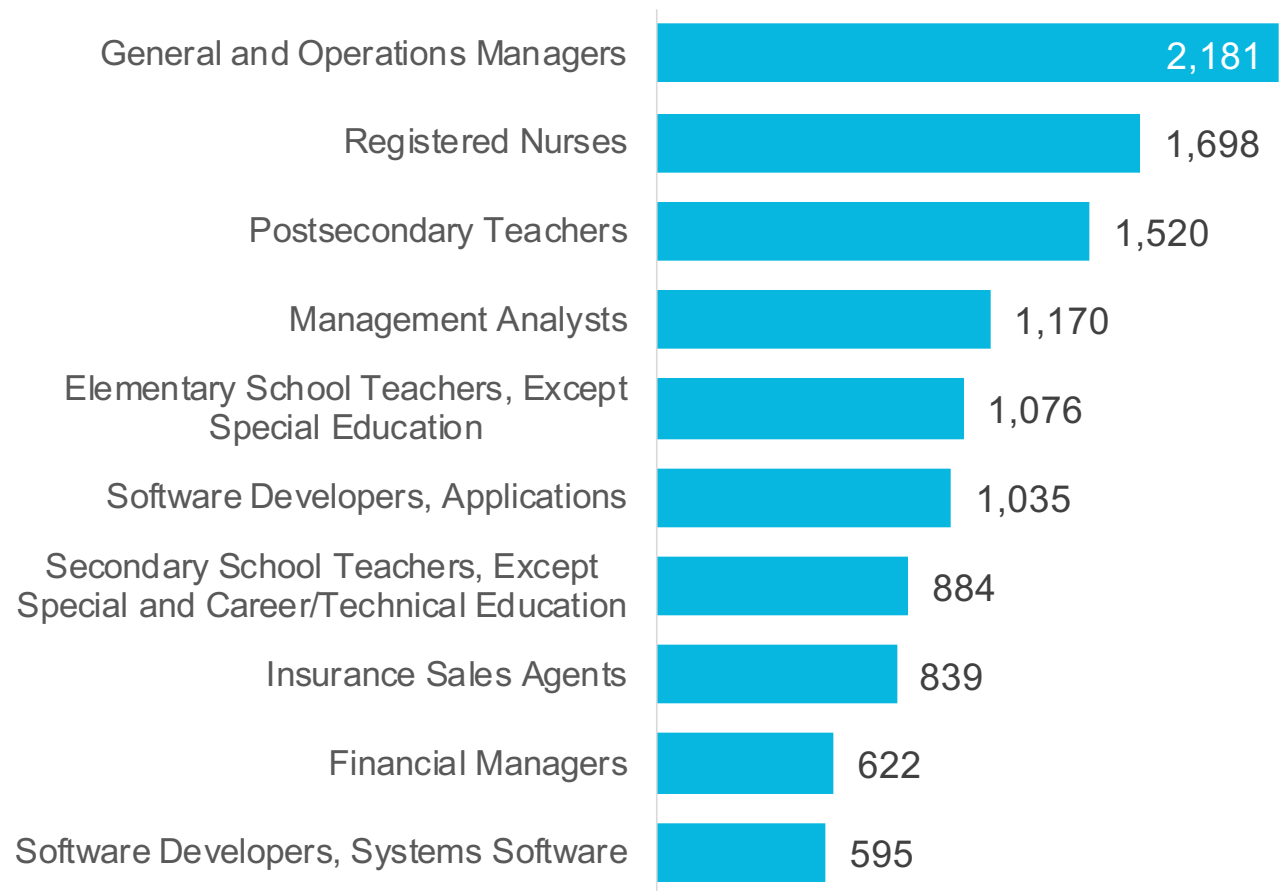
Priority San Diego Occupations, Annual Openings vs Entry-Level Hourly Wages, 2017-2022



Priority San Diego Occupations, Annual Openings vs Entry-Level Hourly Wages, 2017-2022



Top 10 Priority Occupations by Annual Openings, 2017-2022



Emsi 2018.4 datarun



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



Employer Survey: Priority Jobs in San Diego County

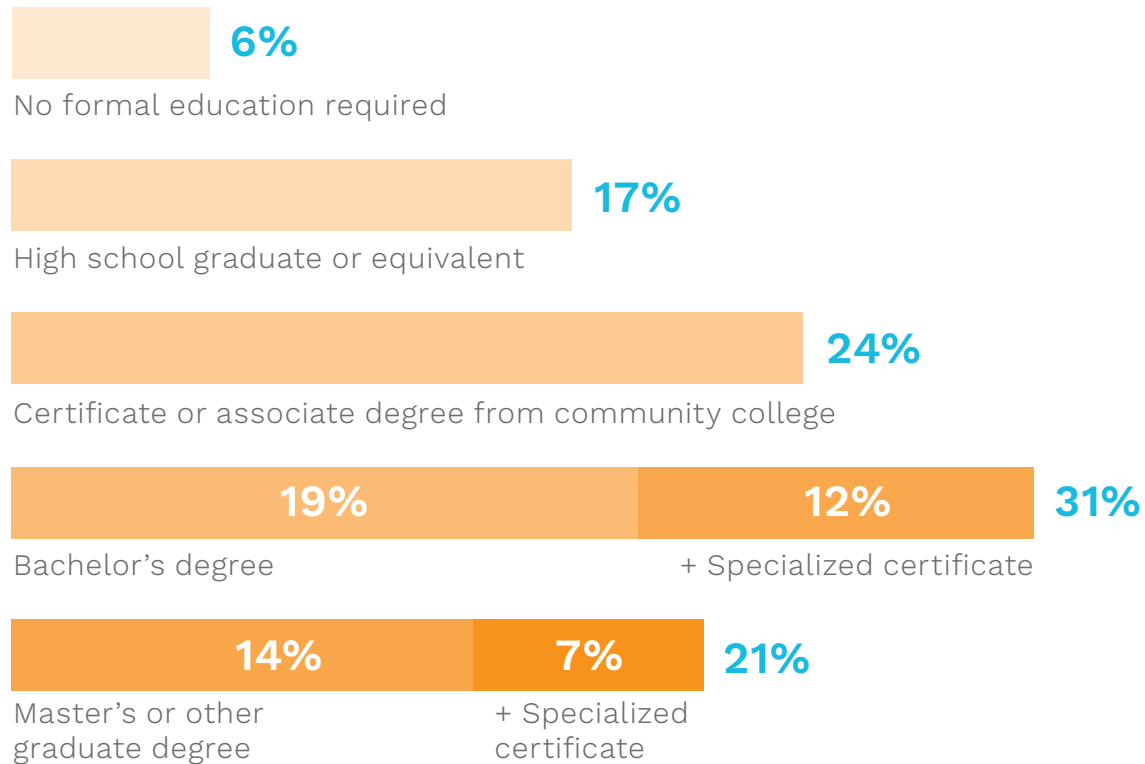


[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)

Education Desired by Employers



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



No formal educational credential

Plasterers and Stucco Masons \$17.70

High school diploma or equivalent

Information and Record Clerks,
All Other \$16.16

Insurance Sales Agents \$17.39

First-Line Supervisors of
Protective Service Workers, All
Other \$16.27

Structural Iron and Steel
Workers \$17.93

Court, Municipal, and License
Clerks \$16.71

Police, Fire, and Ambulance
Dispatchers \$19.69

Transportation Security
Screeners* \$17.03

Electrical Power-Line
Installers and Repairers \$25.40



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



Postsecondary nondegree award

Computer User Support Specialist*	\$18.17	Surgical Technologists	\$20.09
Licensed Practical and Licensed Vocational Nurses	\$19.36		

Associate degree

Clinical Laboratory Technologists and Technicians	\$16.28	Radiologic Technologists	\$21.56
Physical Therapist Assistants	\$19.12	Industrial Engineering Technicians*	\$22.47
Paralegals and Legal Assistants	\$19.73	Dental Hygienists	\$34.16
Aerospace Engineering and Operations Technicians	\$21.17		



sdworkforce

#thisisworkforce

workforce.org



Bachelor's Degree

Child, Family, and School Social Workers	\$16.05	Software Developers, Applications	\$26.66
Fundraisers	\$16.81	Biomedical Engineers*	\$27.53
Chemists	\$19.09	Mechanical Engineers	\$27.81
Cost Estimators	\$19.59	Database Administrators*	\$27.86
Elementary School Teachers, Except Special Education*	\$21.99	Budget Analysts*	\$27.93
Middle School Teachers, Except Special and Career/Technical Education*	\$22.26	Engineers, All Other*	\$28.90
Secondary School Teachers, Except Special and Career/Technical Education*	\$22.53	Industrial Engineers	\$30.46
Operations Research Analysts	\$23.03	Information Security Analysts	\$30.85
Special Education Teachers, Secondary School*	\$23.21	Registered Nurses	\$31.18
Biological Scientists, All Other	\$23.63	Electrical Engineers	\$31.18
Probation Officers and Correctional Treatment Specialists*	\$24.39	Aerospace Engineers	\$31.30
Civil Engineers	\$24.64	Software Developers, Systems Software*	\$32.06
General and Operations Managers*	\$24.74	Financial Managers	\$33.09
Special Education Teachers, Kindergarten and Elementary School*	\$25.19	Architectural and Engineering Managers	\$44.76
Management Analysts	\$25.70	Natural Sciences Managers	\$48.50
Medical and Health Services Managers	\$25.92		



sdworkforce

#thisisworkforce

workforce.org



Master's degree

Marriage and Family Therapists	\$17.16	Physician Assistants	\$29.82
Healthcare Social Workers	\$17.47	Occupational Therapists	\$31.44
Educational, Guidance, School, and Vocational Counselors	\$18.60	Statisticians	\$32.20
Instructional Coordinators*	\$22.00	Education Administrators, Elementary & Secondary School	\$34.09
Librarians	\$22.24	Computer and Information Research Scientists	\$34.61
Speech-Language Pathologists	\$28.60	Nurse Practitioners	\$40.33
Education Administrators, Postsecondary	\$29.14		

Doctoral or professional degree

Postsecondary Teachers*	\$18.88	Physical Therapists	\$31.19
Clinical, Counseling, and School Psychologists	\$24.04	Family & General Practitioners	\$35.42
Biochemists and Biophysicists	\$28.92	Dentists, General	\$37.96
Veterinarians*	\$29.52	Physicians & Surgeons, All Other	\$54.43
Medical Scientists, Except Epidemiologists	\$30.66		



sdworkforce

#thisisworkforce

workforce.org



Work Experience

- While BLS data indicates that 46 of the 54 priority jobs require no formal work experience, **89% of respondents** require job applicants to have prior experience.
- **None** of the occupations unanimously indicated requiring no work experience.



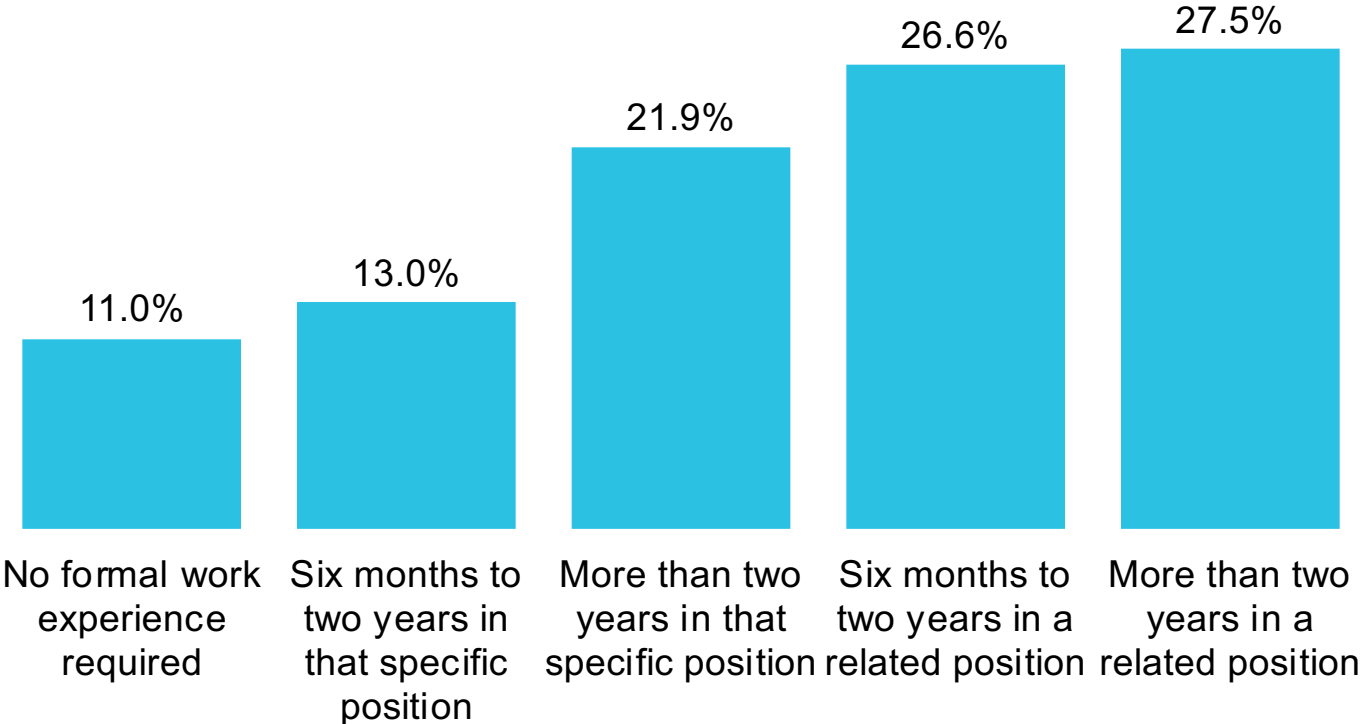
sdworkforce

#thisisworkforce

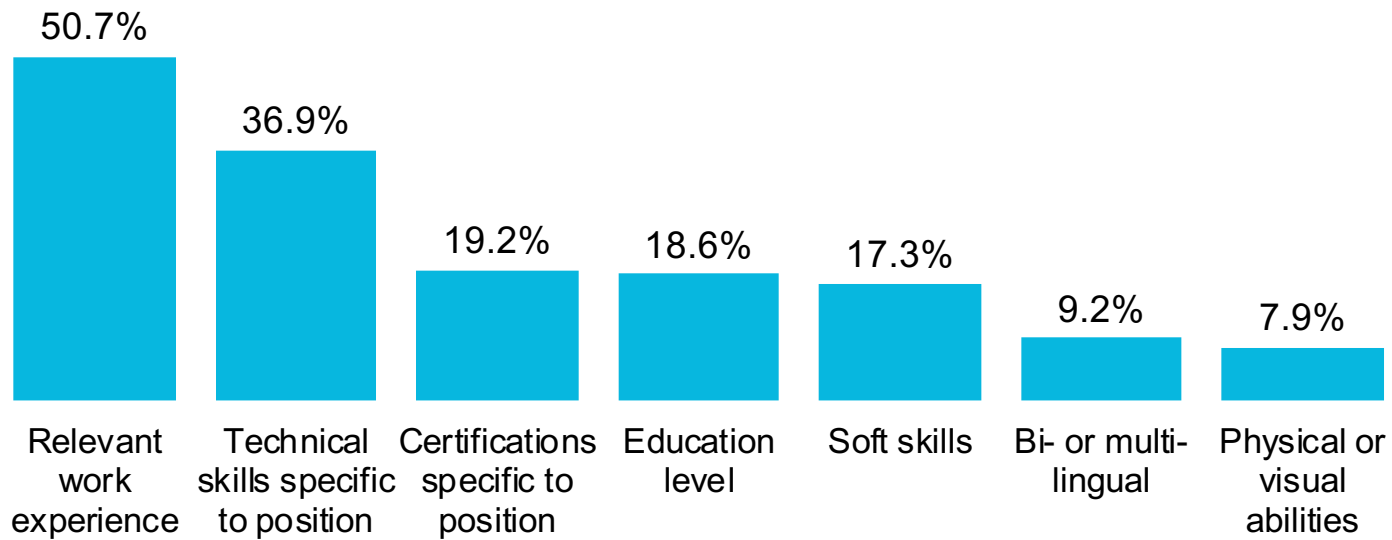
workforce.org



Experience Required by Employers



Areas where employers have most difficulty finding qualified applicants



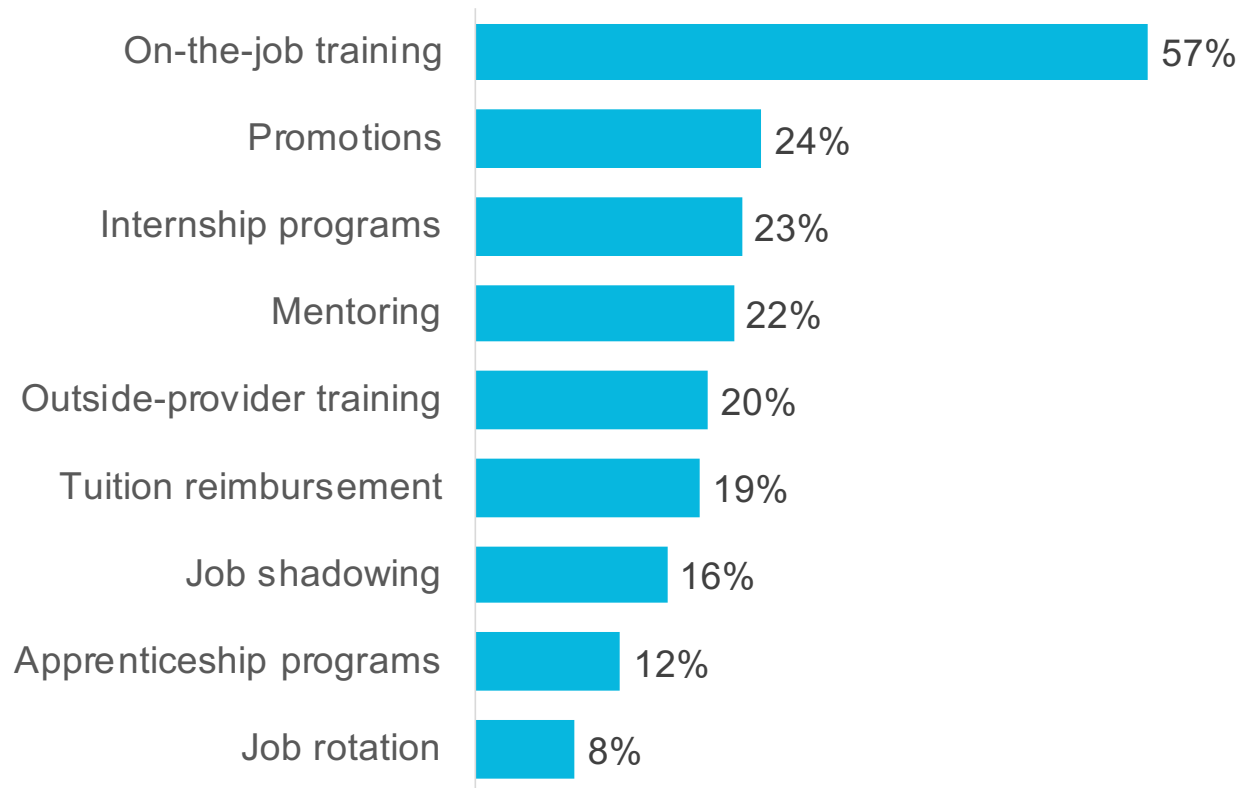
[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



Employer-Offered Career Development



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



How can I find my path?



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)

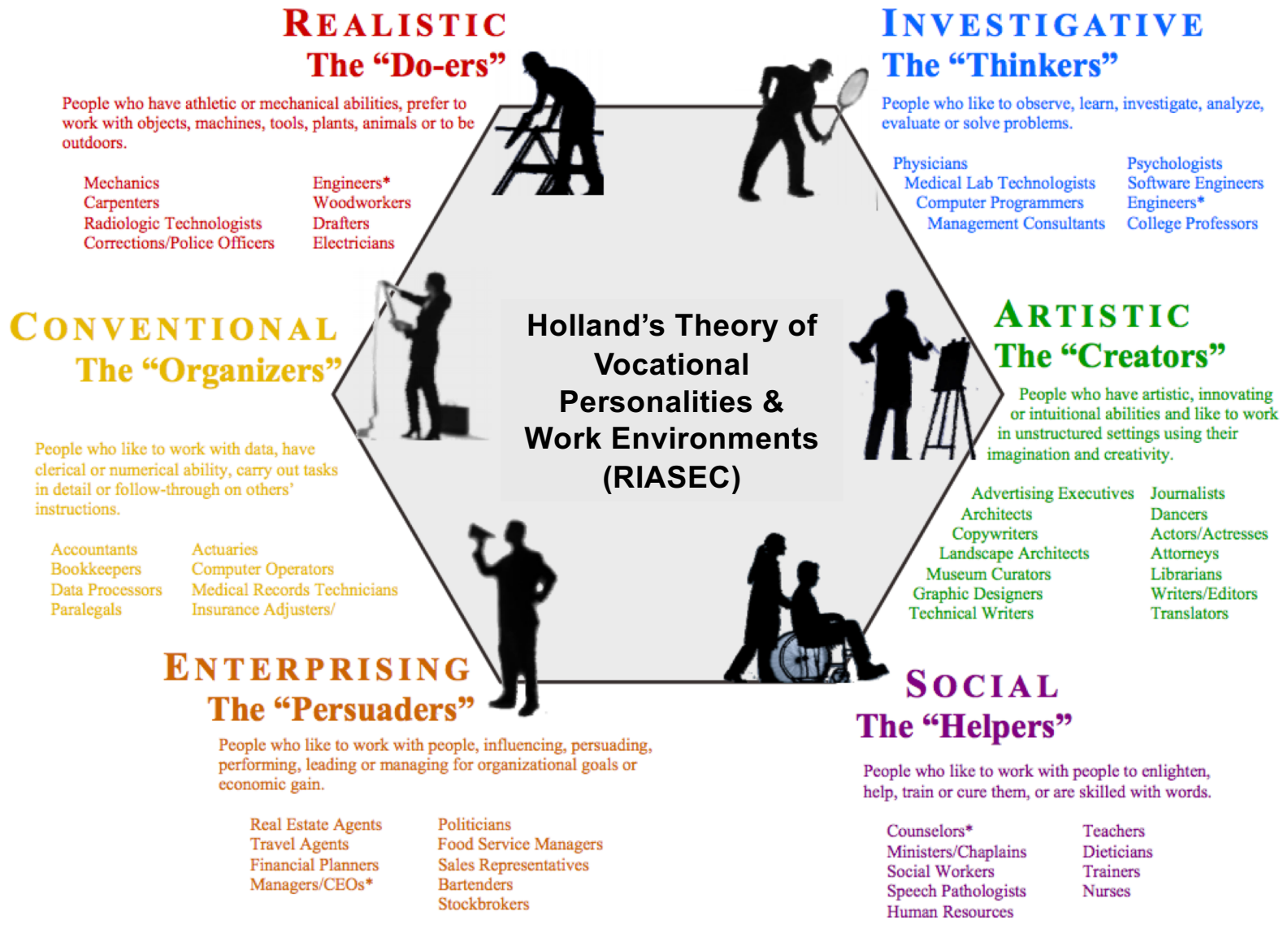
Know yourself



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



Know the market



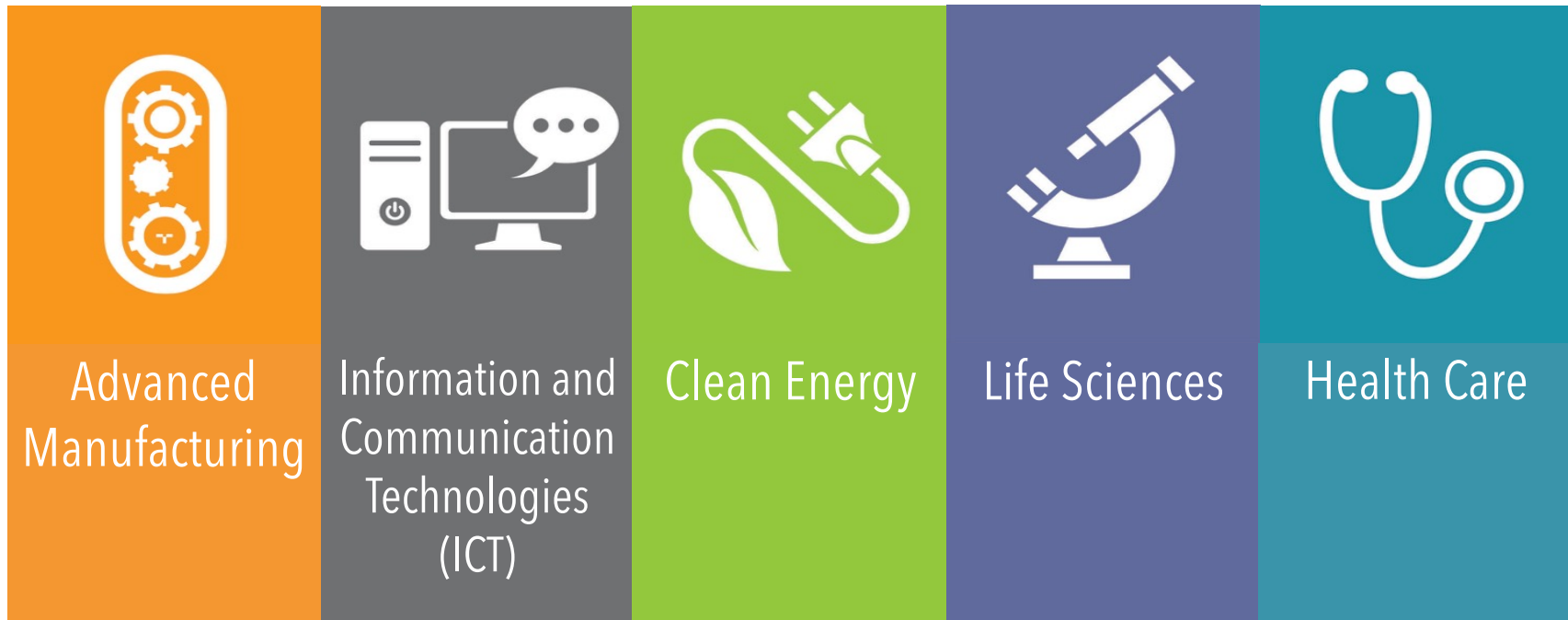
[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



San Diego's Priority Sectors



Know what it takes



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)

What high school students expect:



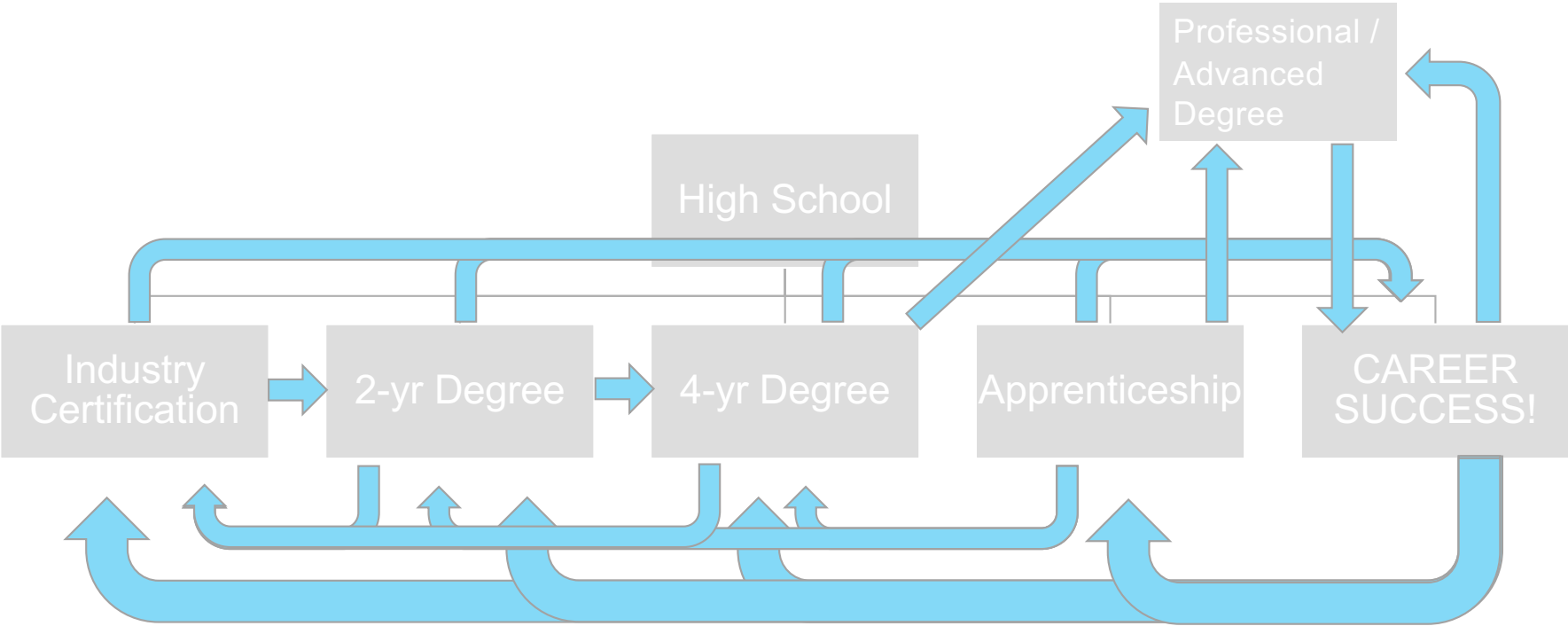
[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



But actually...



Description	Employed in Industry (2018)	% of Total Jobs in Industry (2018)	% Change (2018 - 2028)	Median Hourly Earnings	Typical Entry Level Education	Typical On-The-Job Training
Carpenters	7,960	9.3%	17%	\$24.62	High school or equivalent	Apprenticeship
Plumbers, Pipefitters, and Steamfitters	4,264	5.0%	24%	\$24.95	High school or equivalent	Apprenticeship
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,950	2.3%	30%	\$26.58	Postsecondary nondegree award	Long-term *
Drywall and Ceiling Tile Installers	3,253	3.8%	13%	\$28.00	No formal educational credential	Moderate-term*
Electricians	6,045	7.1%	12%	\$28.97	High school or equivalent	Apprenticeship
Structural Iron and Steel Workers	1,175	1.4%	13%	\$32.58	High school or equivalent	Apprenticeship
First-Line Supervisors of Construction Trades and Extraction Workers	4,945	5.8%	19%	\$38.52	High school or equivalent	Experience
Construction Managers	3,150	3.7%	17%	\$45.86	Bachelor's degree	Experience



interest fit
+
labor market fit
+
ability fit



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)

Welcome to Career Coach

Discover San Diego and Imperial County-based career paths that match your interests.

Take Career Assessment

Take a Career Assessment to learn about yourself and Career Coach will give you career suggestions based on your interests.

Take the Assessment

Browse Careers

Browse or search for careers and we will give you relevant data on wages, employment, and the training you need.

Search for Careers



Or Browse all Careers

Browse Programs

Browse or search for the available programs that lead to the career you want.

Search for Programs



Or Browse all Programs



sdworkforce

#thisisworkforce

workforce.org

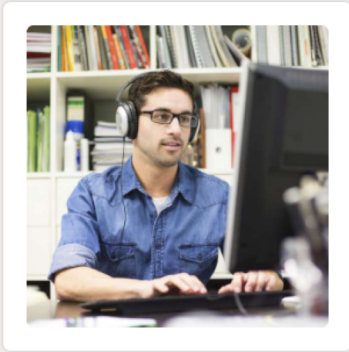
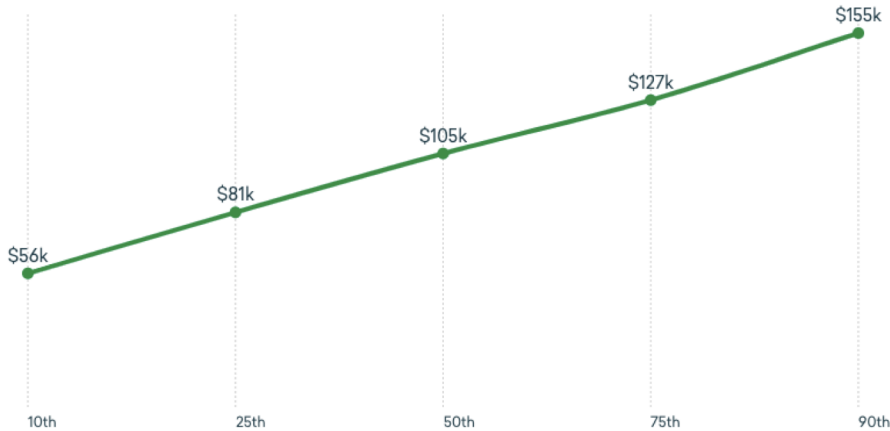


Software Developers, Applications ♡ Save

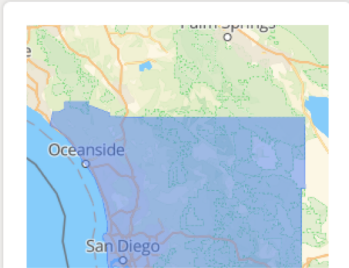
Overview About **Wages** Employment Live Job Postings

Wages

New workers generally start around \$56,017. Normal pay for Software Developers, Applications is \$105,288 per year, while highly experienced workers can earn as much as \$154,833.



Career Filters



workforce.org/mycareer

 [sdworkforce](#) [#thisisworkforce](#) [workforce.org](#)



Connect2Careers – C2Csd.org

Finding a job is hard

WE'RE HERE TO HELP YOU EVERY STEP OF THE WAY.



1,000s of Opportunities

Our job search portal has thousands of local opportunities, with new employers joining all the time. We're sure you'll find something you love.



Professional Trainings

Head to one of our trainings, and we'll help you build your résumé, practice an elevator pitch, prepare for an interview or learn about our local labor market.



One-on-One Support

When you [sign up](#) with us, you'll be paired with a peer job coach you can call, text, or DM for help at any stage in your job search.



[sdworkforce](#)

[#thisisworkforce](#)

[workforce.org](#)



OCCUPATION REPORT

PRIORITY JOBS

IN SAN DIEGO COUNTY

High-Growth, High-Wage, In-Demand
Occupations for All Education Levels

MARCH 2019



 San Diego
Workforce
Partnership

Thank You

SarahB@workforce.org

workforce.org/research



[sdworkforce](https://twitter.com/sdworkforce)

[#thisisworkforce](https://twitter.com/thisisworkforce)

workforce.org

