

A person wearing large, over-ear headphones with a green and white patterned earcup. The person is shown in profile, looking towards the left. The background is a blurred office environment with a desk, a laptop, and some papers.

Web Developers and Digital Interface Designers in New York-Newark-Jersey City, NY- NJ-PA

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What is Emsi Data?

Emsi data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resumés, and job postings to give you a complete view of the workforce.

Emsi data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.



Report Parameters

1 Occupation

15-1257 Web Developers and Digital Interface Designers

1 MSA

35620 New York-Newark-Jersey City, NY-NJ-PA

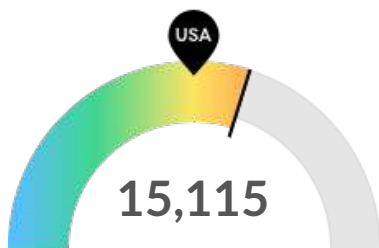
Class of Worker

QCEW Employees, Non-QCEW Employees, and Self-Employed

The information in this report pertains to the chosen occupation and geographical area.

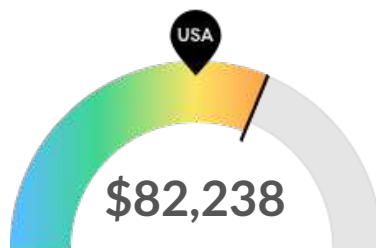
Executive Summary

Aggressive Job Posting Demand Over a Deep Supply of Regional Jobs



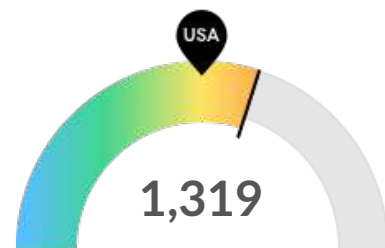
Jobs (2019)

New York-Newark-Jersey City, NY-NJ-PA is a hotspot for this kind of job. The national average for an area this size is 11,526* employees, while there are 15,115 here.



Compensation

Earnings are high in New York-Newark-Jersey City, NY-NJ-PA. The national median salary for Web Developers and Digital Interface Designers is \$72,593, compared to \$82,238 here.



Job Posting Demand

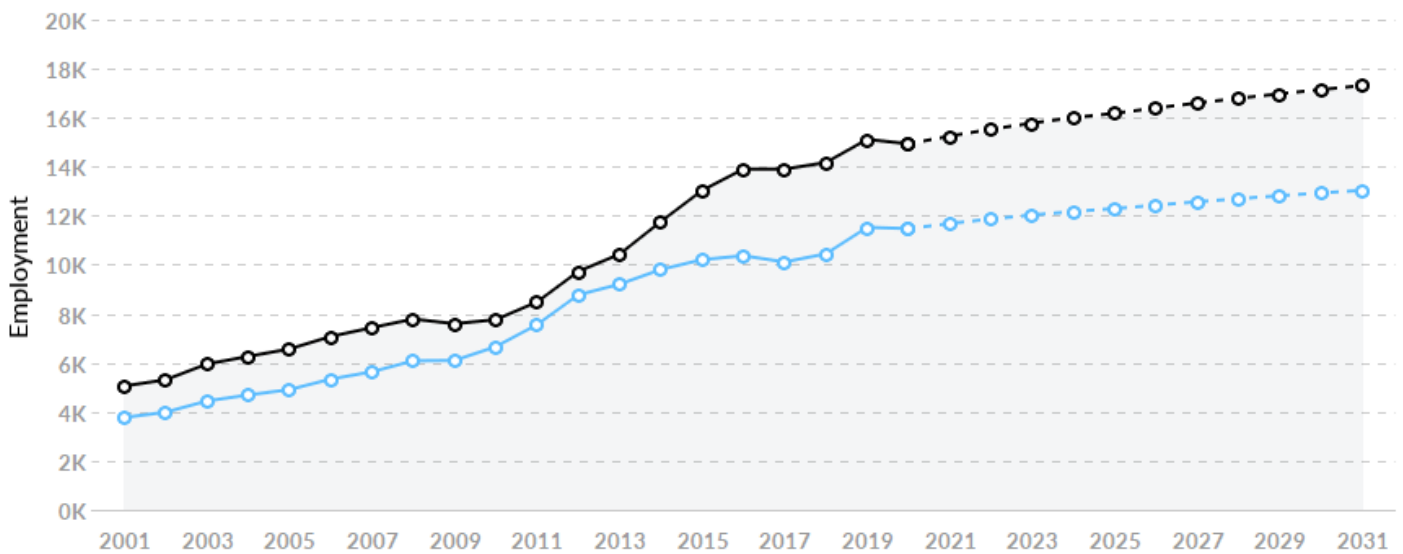
Job posting activity is high in New York-Newark-Jersey City, NY-NJ-PA. The national average for an area this size is 999* job postings/mo, while there is 1,319 here.

*National average values are derived by taking the national value for Web Developers and Digital Interface Designers and scaling it down to account for the difference in overall workforce size between the nation and New York-Newark-Jersey City, NY-NJ-PA. In other words, the values represent the national average adjusted for region size.

Jobs

Regional Employment Is Higher Than the National Average

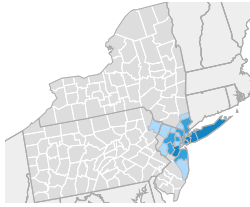
An average area of this size typically has 11,526* jobs, while there are 15,115 here. This higher than average supply of jobs may make it easier for workers in this field to find employment in your area.



Region	2019 Jobs	2021 Jobs	Change	% Change
● New York-Newark-Jersey City, NY-NJ-PA	15,115	15,249	134	0.9%
● National Average	11,526	11,683	158	1.4%

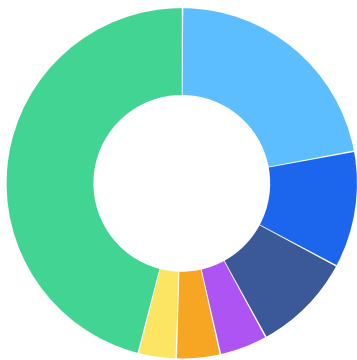
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Regional Breakdown



County	2019 Jobs
New York County, NY	7,513
Kings County, NY	976
Suffolk County, NY	748
Nassau County, NY	705
Queens County, NY	669

Most Jobs are Found in the Computer Systems Design and Related Services Industry Sector

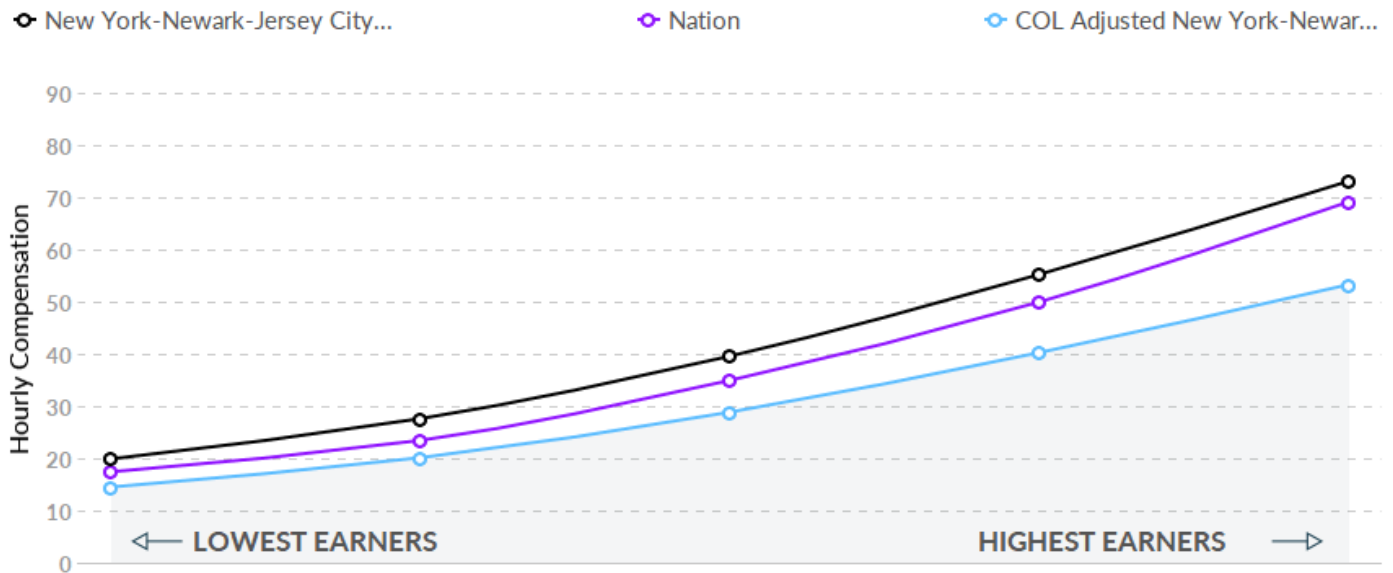


Industry	% of Occupation in Industry (2019)
Computer Systems Design and Related Services	22.0%
Other Information Services	10.7%
Advertising, Public Relations, and Related Services	9.2%
Management, Scientific, and Technical Consulting Services	4.4%
Newspaper, Periodical, Book, and Directory Publishers	4.0%
Management of Companies and Enterprises	3.5%
Other	46.1%

Compensation

Regional Compensation Is 13% Higher Than National Compensation

For Web Developers and Digital Interface Designers, the 2020 median wage in New York-Newark-Jersey City, NY-NJ-PA is \$39.54/hr, while the national median wage is \$34.90/hr.



Job Posting Activity



47,482 Unique Job Postings

The number of unique postings for this job from Jan 2019 to Dec 2021.



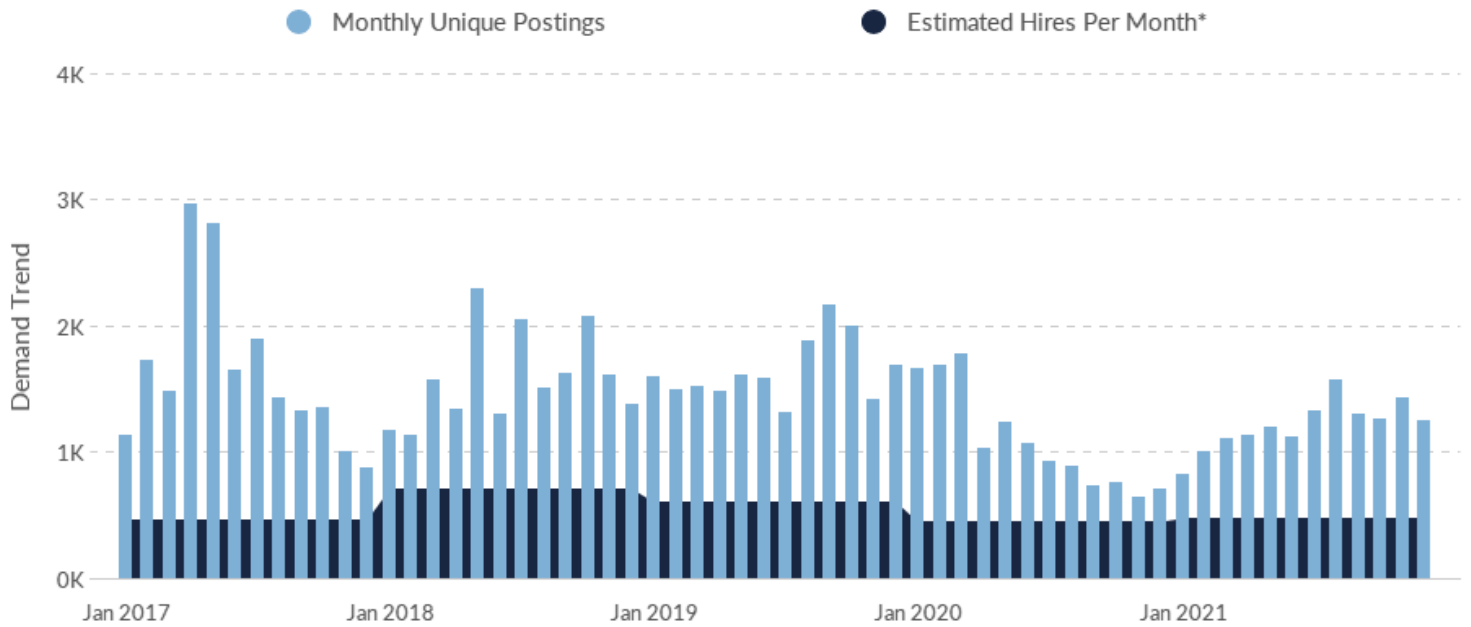
4,531 Employers Competing

All employers in the region who posted for this job from Jan 2019 to Dec 2021.













2 Out of 5 Positions Filled









The ratio of estimated hires* to unique postings for this job from Jan 2019 to Dec 2021.



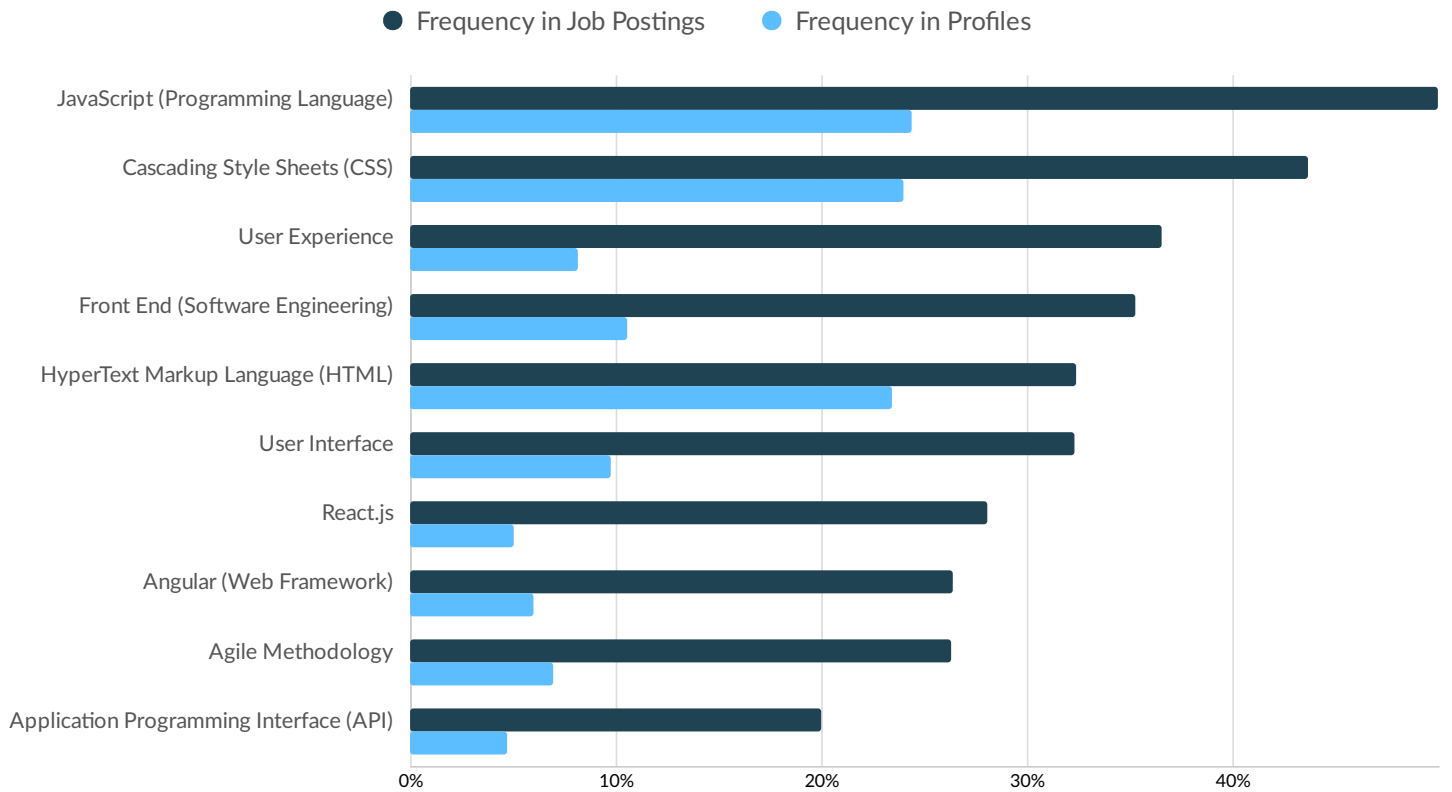
Occupation	Avg Monthly Postings (Jan 2019 - Dec 2021)	Avg Monthly Hires (Jan 2019 - Dec 2021)
Web Developers and Digital Interface Designers	1,319	513

*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Emsi hires are calculated using a combination of Emsi jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Top Companies	Unique Postings
Robert Half	1,320 
CyberCoders	1,114 
Amazon	644 
Randstad	603 
Creative Circle	517 
Kforce	463 
Open Systems Technologies	455 
Jobot	444 
JPMorgan Chase	396 
TEKsystems	369 

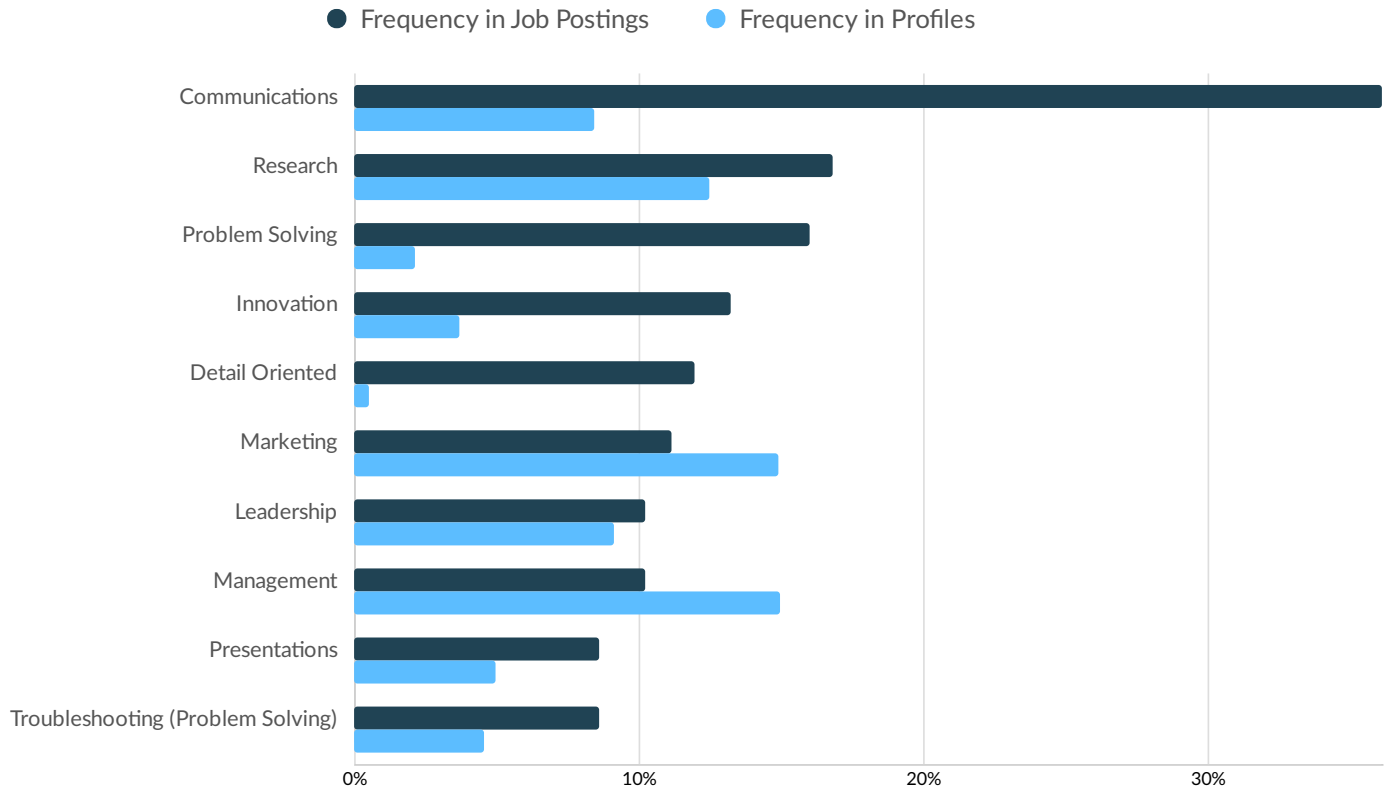
Top Job Titles	Unique Postings
Front End Engineers	3,065 
Front End Developers	2,727 
Back End Engineers	2,354 
Web Developers	2,121 
UX Designers	1,958 
UI/UX Designers	1,897 
UI Developers	1,770 
Lead UX Designers	1,206 
Experience Designers	1,061 
UX Researchers	892 

Top Hard Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
JavaScript (Programming Language)	23,726	50%	2,913	24%
Cascading Style Sheets (CSS)	20,738	44%	2,866	24%
User Experience	17,348	37%	974	8%
Front End (Software Engineering)	16,738	35%	1,264	11%
HyperText Markup Language (HTML)	15,357	32%	2,796	23%
User Interface	15,333	32%	1,166	10%
React.js	13,316	28%	598	5%
Angular (Web Framework)	12,540	26%	715	6%
Agile Methodology	12,477	26%	833	7%
Application Programming Interface (API)	9,494	20%	559	5%

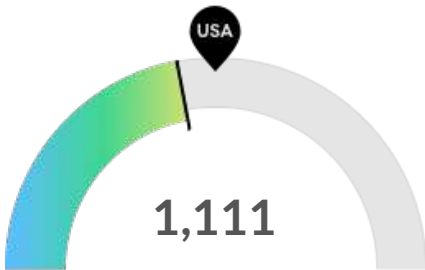
Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Communications	17,170	36%	1,011	8%
Research	7,988	17%	1,490	12%
Problem Solving	7,609	16%	254	2%
Innovation	6,290	13%	440	4%
Detail Oriented	5,699	12%	65	1%
Marketing	5,313	11%	1,782	15%
Leadership	4,862	10%	1,095	9%
Management	4,857	10%	1,792	15%
Presentations	4,104	9%	595	5%
Troubleshooting (Problem Solving)	4,082	9%	544	5%

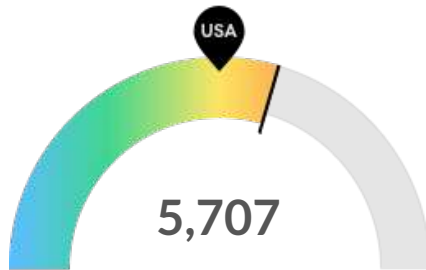
Demographics

Retirement Risk Is Low, While Overall Diversity Is High



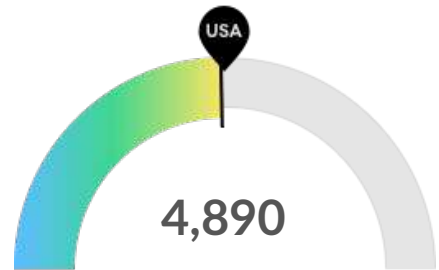
Retiring Soon

Retirement risk is low in New York-Newark-Jersey City, NY-NJ-PA. The national average for an area this size is 1,325* employees 55 or older, while there are 1,111 here.



Racial Diversity

Racial diversity is high in New York-Newark-Jersey City, NY-NJ-PA. The national average for an area this size is 4,426* racially diverse employees, while there are 5,707 here.

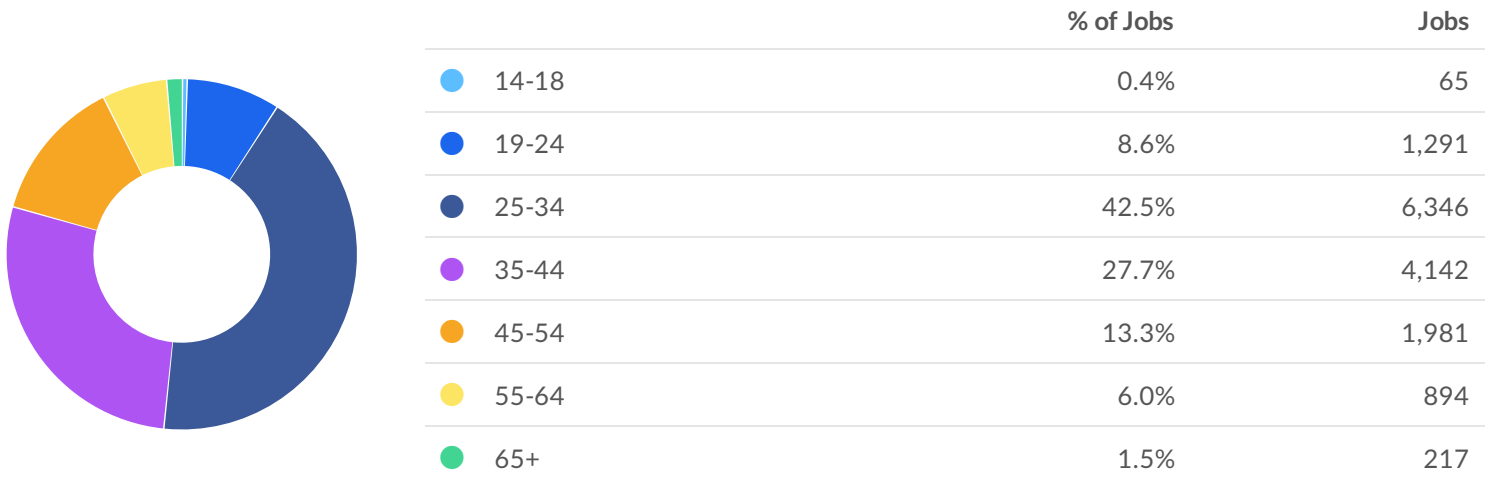


Gender Diversity

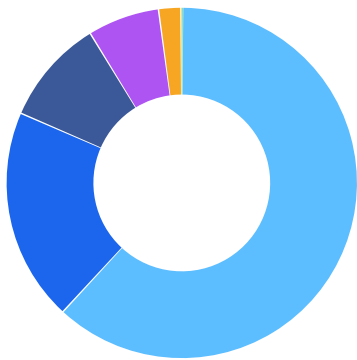
Gender diversity is about average in New York-Newark-Jersey City, NY-NJ-PA. The national average for an area this size is 4,973* female employees, while there are 4,890 here.

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Occupation Age Breakdown

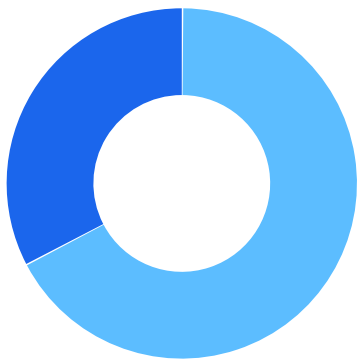


Occupation Race/Ethnicity Breakdown



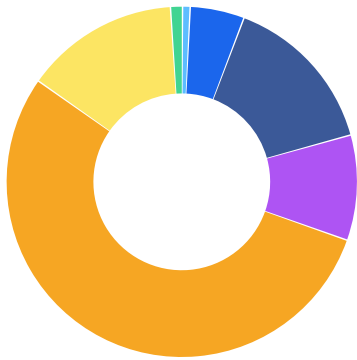
	% of Jobs	Jobs
White	61.8%	9,229
Asian	19.6%	2,934
Hispanic or Latino	9.8%	1,456
Black or African American	6.6%	988
Two or More Races	2.1%	307
American Indian or Alaska Native	0.1%	13
Native Hawaiian or Other Pacific Islander	0.1%	9

Occupation Gender Breakdown



	% of Jobs	Jobs
Males	67.3%	10,045
Females	32.7%	4,890

National Educational Attainment



	% of Jobs
● Less than high school diploma	0.7%
● High school diploma or equivalent	5.0%
● Some college, no degree	14.9%
● Associate's degree	9.7%
● Bachelor's degree	54.4%
● Master's degree	14.2%
● Doctoral or professional degree	1.1%

Occupational Programs



19 Programs

Of the programs that can train for this job, 19 have produced completions in the last 5 years.



12,170 Completions (2020)











The completions from all regional institutions for all degree types.



1,420 Openings (2020)

The average number of openings for an occupation in the region is 1,516.

CIP Code	Top Programs	Completions (2020)
11.0101	Computer and Information Sciences, General	4,358
11.0701	Computer Science	3,505
09.0702	Digital Communication and Media/Multimedia	1,276
11.0801	Web Page, Digital/Multimedia and Information Resources D...	806
50.0409	Graphic Design	497
50.0401	Design and Visual Communications, General	434
50.0102	Digital Arts	311
11.0201	Computer Programming/Programmer, General	251
50.0499	Design and Applied Arts, Other	176
11.0899	Computer Software and Media Applications, Other	160

Top Schools	Completions (2020)
New York University	1,774 
Columbia University in the City of New York	1,184 
Rutgers University-New Brunswick	740 
The New School	636 
Stony Brook University	545 
New Jersey Institute of Technology	399 
Stevens Institute of Technology	396 
CUNY Queens College	390 
CUNY Borough of Manhattan Community College	323 
CUNY New York City College of Technology	302 

Appendix A

Web Developers and Digital Interface Designers (SOC 15-1257):

Develop and implement websites, web applications, application databases, and interactive web interfaces. Evaluate code to ensure that it is properly structured, meets industry standards, and is compatible with browsers and devices. Optimize website performance, scalability, and server-side code and processes. May develop website infrastructure and integrate websites with other computer applications. Design digital user interfaces or websites. Develop and test layouts, interfaces, functionality, and navigation menus to ensure compatibility and usability across browsers or devices. May use web framework applications as well as client-side code and processes. May evaluate web design following web and accessibility standards, and may analyze web use metrics and optimize websites for marketability and search engine ranking. May design and test interfaces that facilitate the human-computer interaction and maximize the usability of digital devices, websites, and software with a focus on aesthetics and design. May create graphics used in websites and manage website content and links. Excludes Special Effects Artists and Animators (27-1014) and Graphic Designers (27-1024).

Sample of Reported Job Titles:

- Web Designer
- Web Developer
- Webmaster
- Web Architect
- Web Development Instructor
- Web Development Director
- Web Design Specialist
- Technology Applications Engineer
- Designer
- Web Content Developer

Related O*NET Occupation:

- Web Developers (15-1134.00)