Atlanta Region Demand Overview and Targeted Industry Workforce Trends

2014

Prepared by the
Atlanta Regional Commission,
Research & Analytics Division

ATLANTA REGIONAL COMMISSION
regional impact + local relevance

ATLANTA CareerRise

Metro Atlanta Chamber

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FINAL REPORT 2014

REVISED AND EXPANDED FROM DRAFT VERSION

Prepared by: Atlanta Regional Commission - Research & Analytics

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Metro Atlanta Chamber

TABLE OF CONTENTS, PAGE 1

Demand Overview and Comparative Areas.....

Technology.....

Computer IT BA+.....

Computer IT BA-.....

Computer IT Overall .....

Software development.....

Software development BA-.....

Wireless/mobility.....

Internet security.....

Digital media and gaming.....

Financial transactions processing.....

Bioscience.....

Health IT Software development.....

Biotech.....

Biotech BA+.....

Biotech BA-.....

Supply chain & logistics.....

Supply chain management & software.....

Distribution services.....

Note: Categories are not mutually exclusive, so the same job can be counted in multiple job clusters. For example, the Software Development cluster includes jobs that also fall into the Wireless/Mobility cluster - such as Applications Developers.

TABLE OF CONTENTS, PAGE 2

Hospitality.....

Healthcare .....

Healthcare BA+.....

Healthcare BA-.....

Manufacturing.....

Manufacturing Overall.....

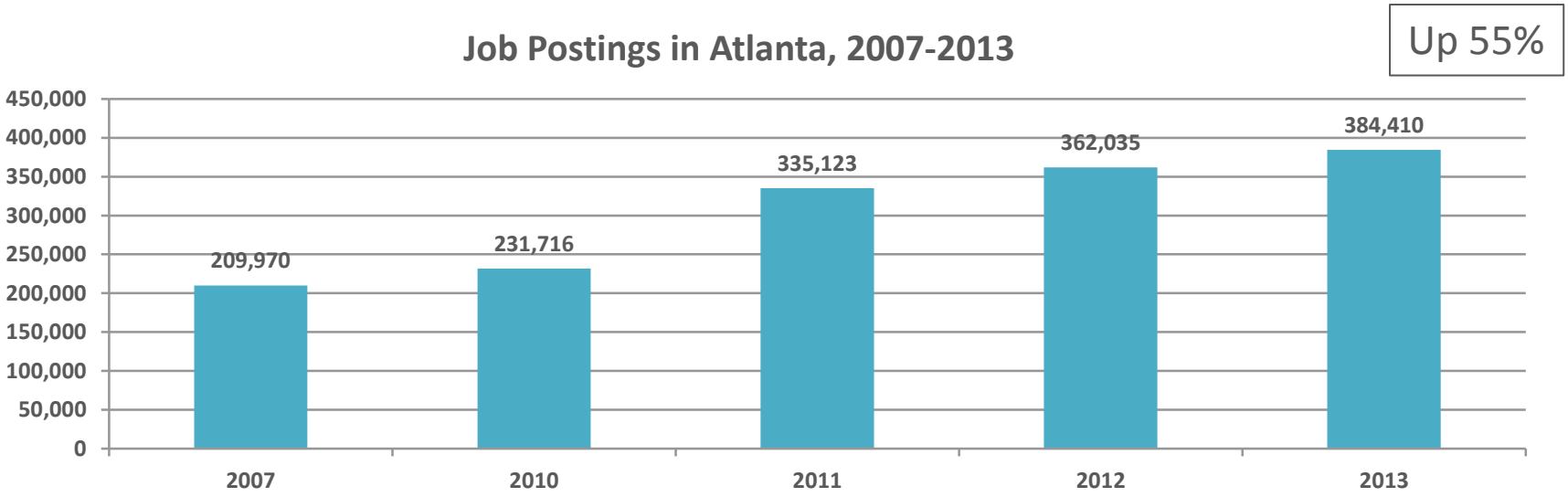
Manufacturing BA+.....

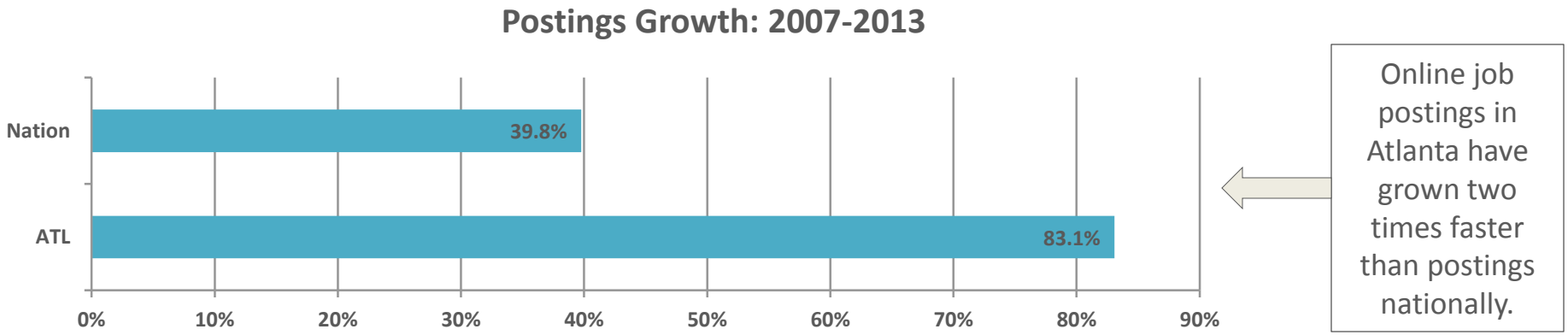
Manufacturing BA-.....

Manufacturing Advanced.....

NOTE: Burning Glass is a "real-time database. As such, data for the "Last 12 Months", except where noted, refers to August 2013 - August 2014. Other periods for certain queries run after the initial set (in the draft report) are noted as either November 2013 to November 2014 or as December 2013 to December 2014.

DEMAND OVERVIEW

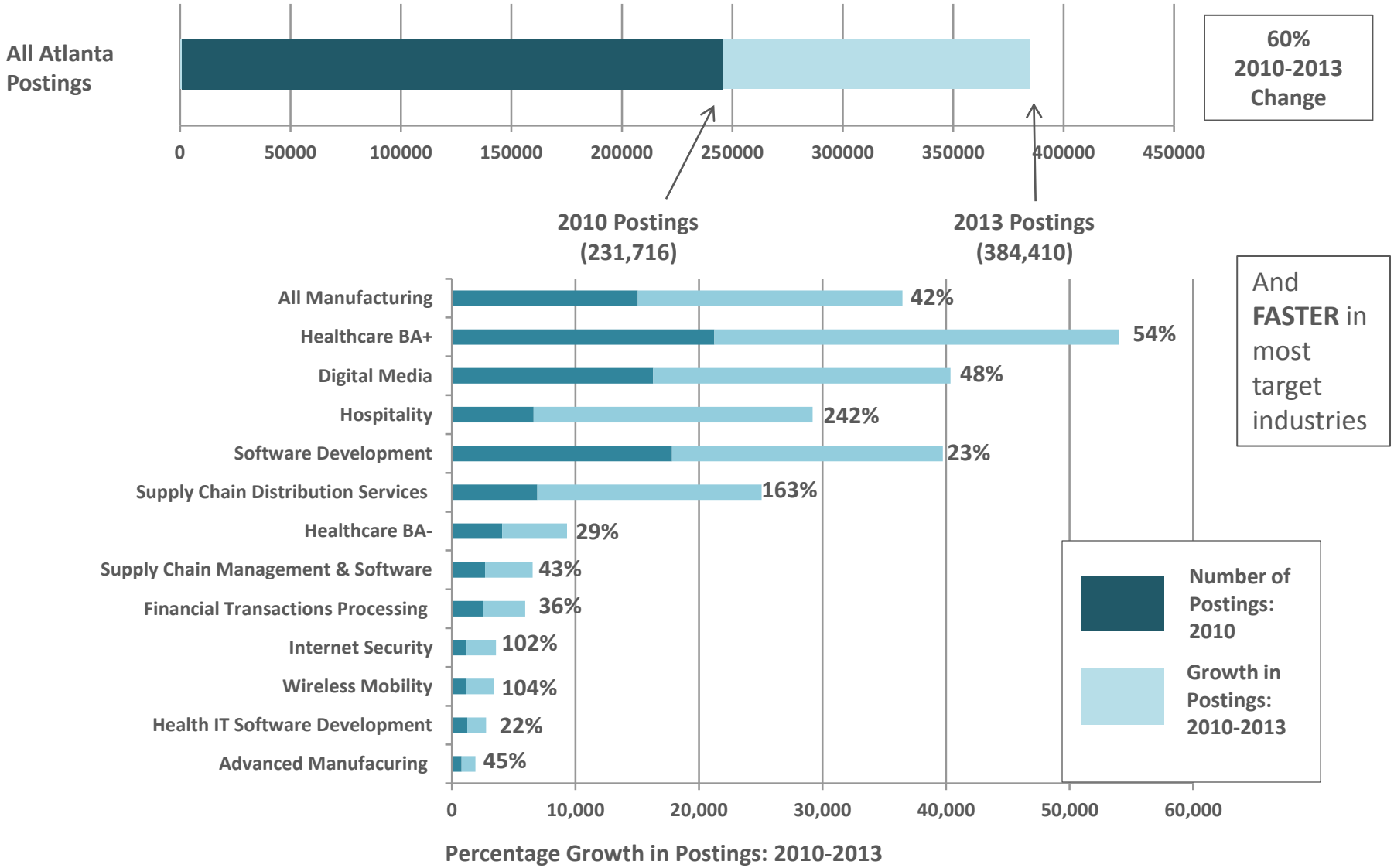




Online job postings in Atlanta have grown two times faster than postings nationally.

DEMAND OVERVIEW

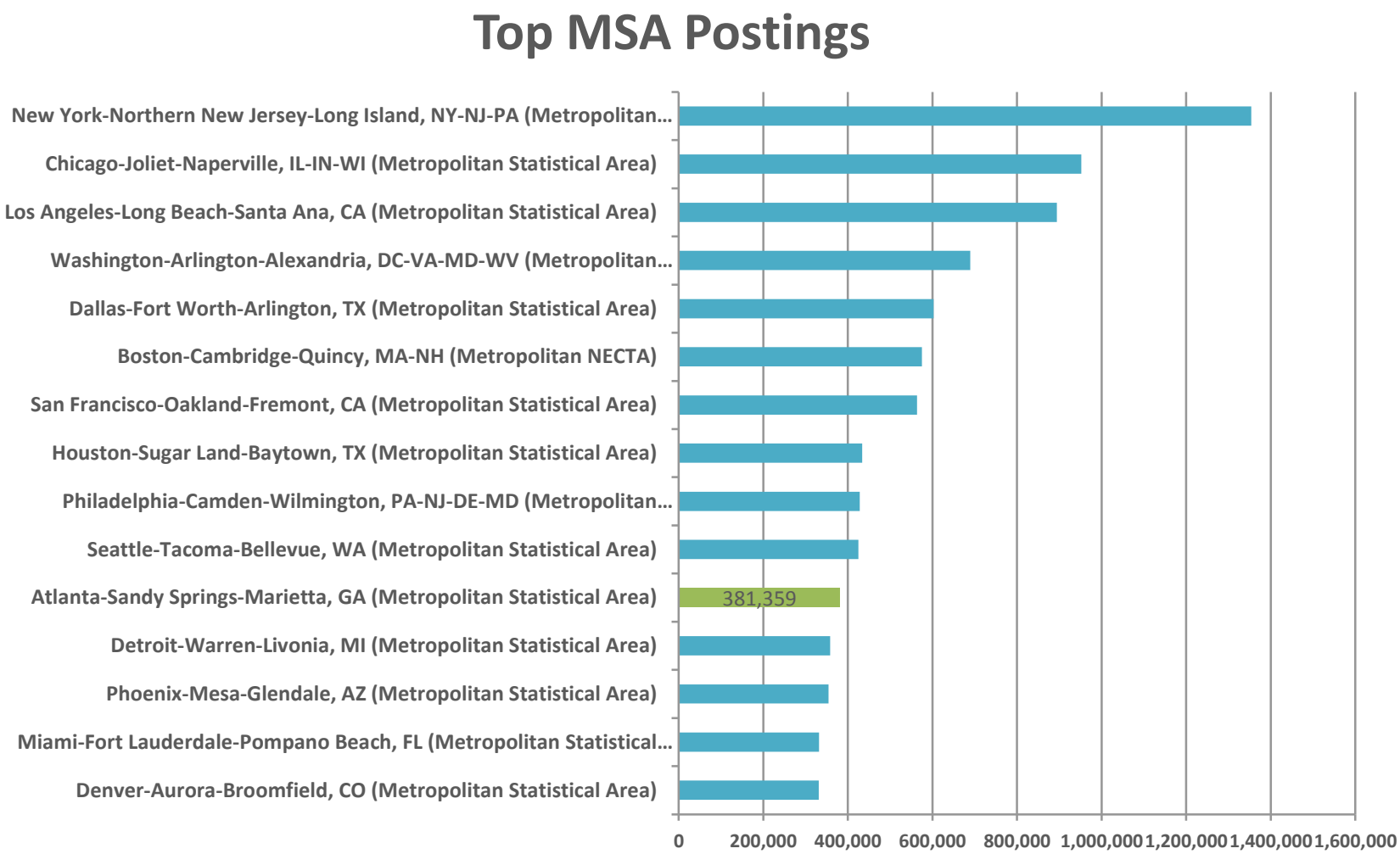
From 2010 to 2013, employer demand has grown, even more quickly, across nearly all job categories in Atlanta.



COMPARATIVE MARKETS ACROSS ALL POSTINGS

Atlanta and the U.S.

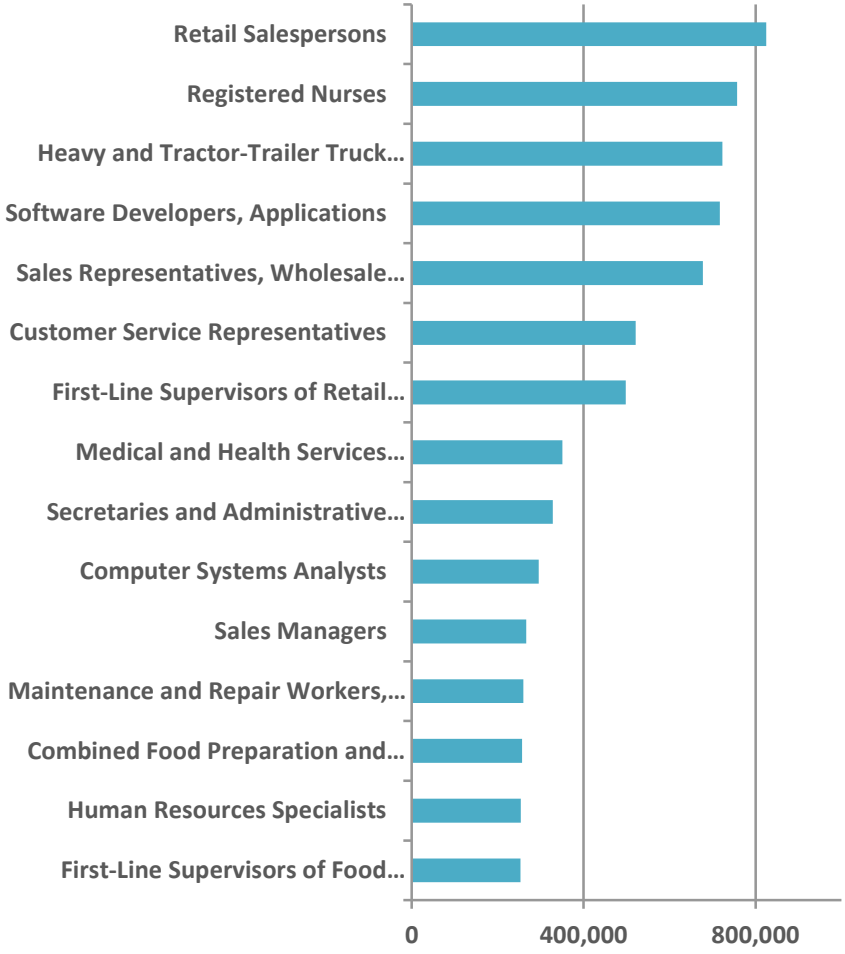
COMPARATIVE MARKETS



Total Postings: Last 12 Months

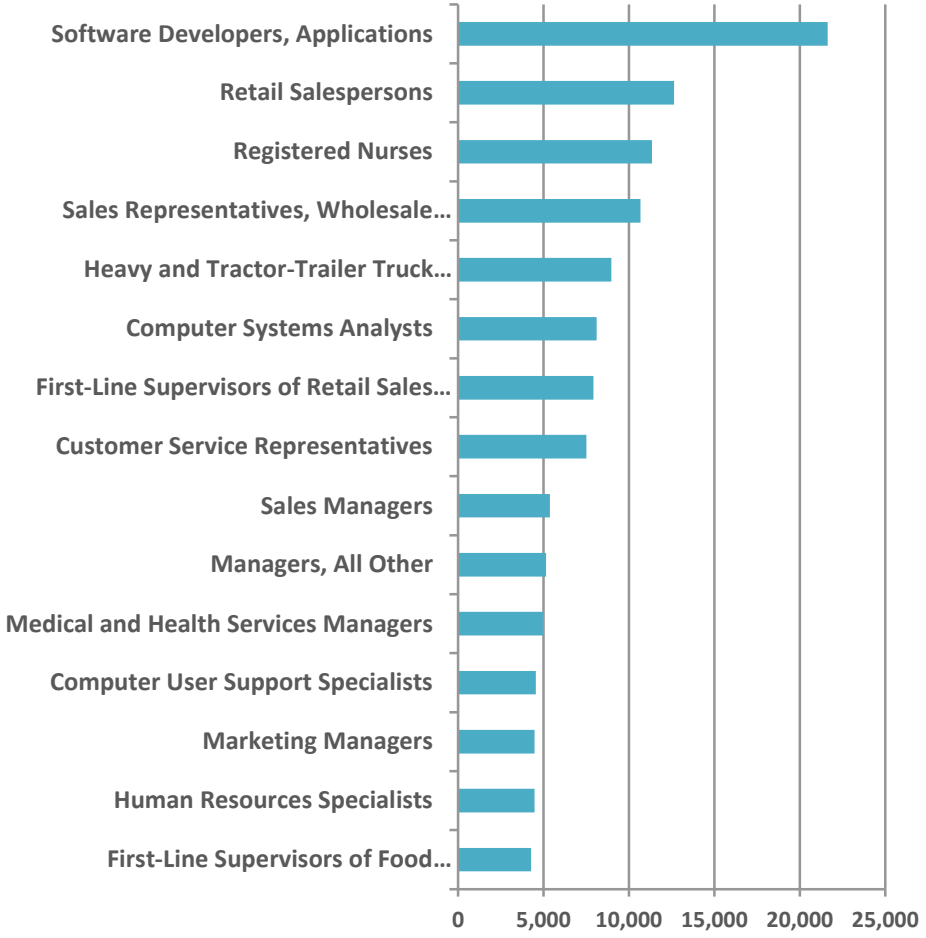
COMPARATIVE MARKETS

TOP OCCUPATIONS – U.S.



Total Postings: Last 12 Months

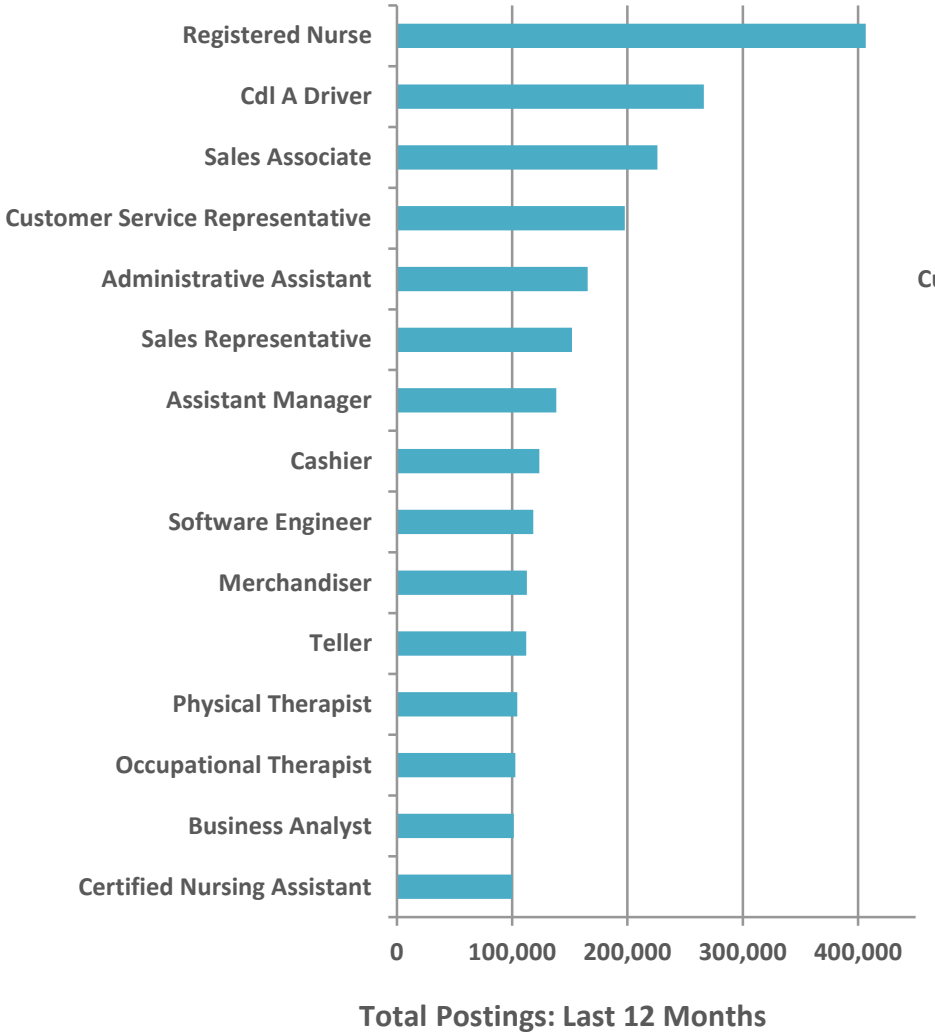
TOP OCCUPATIONS - ATLANTA



Total Postings: Last 12 Months

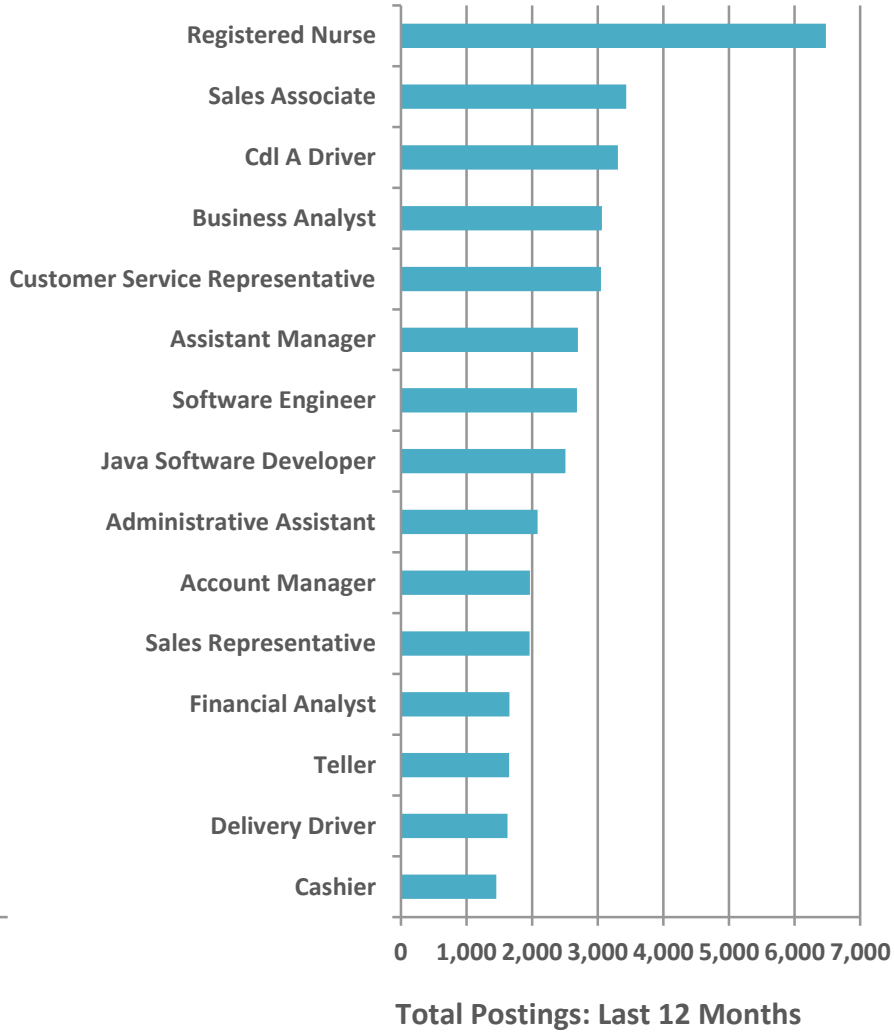
COMPARATIVE MARKETS

TOP TITLES - U.S.



Total Postings: Last 12 Months

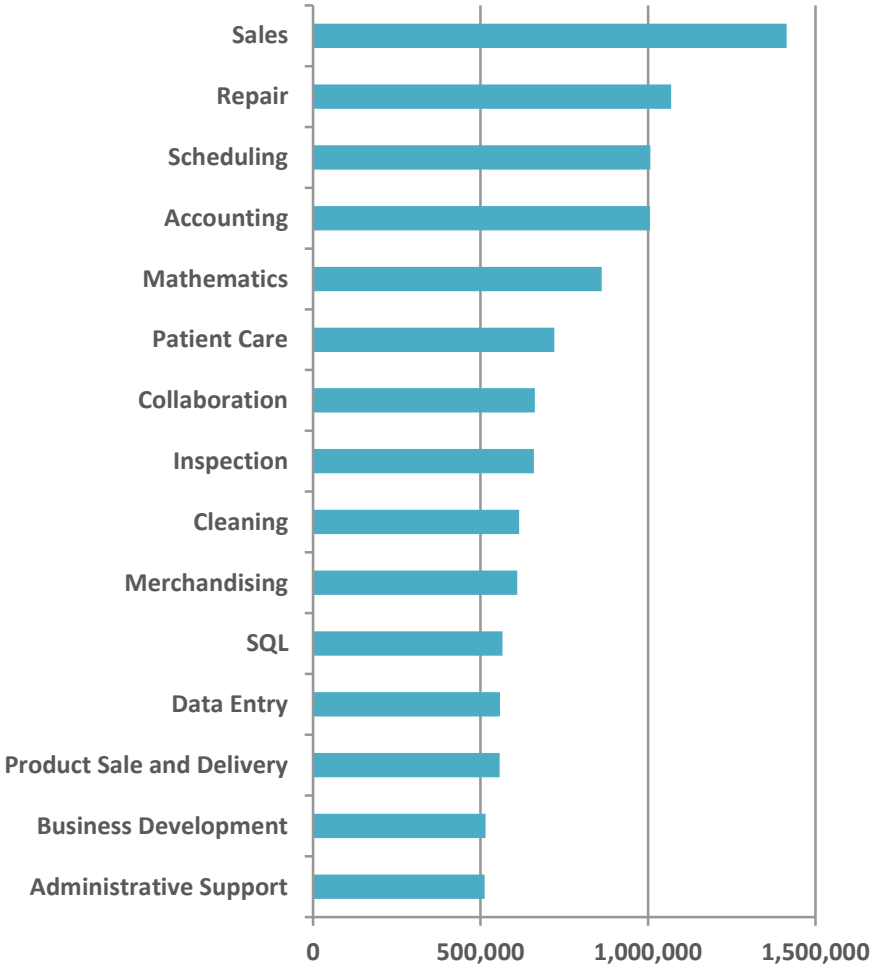
TOP TITLES - ATLANTA



Total Postings: Last 12 Months

COMPARATIVE MARKETS

TOP SKILLS - U.S.



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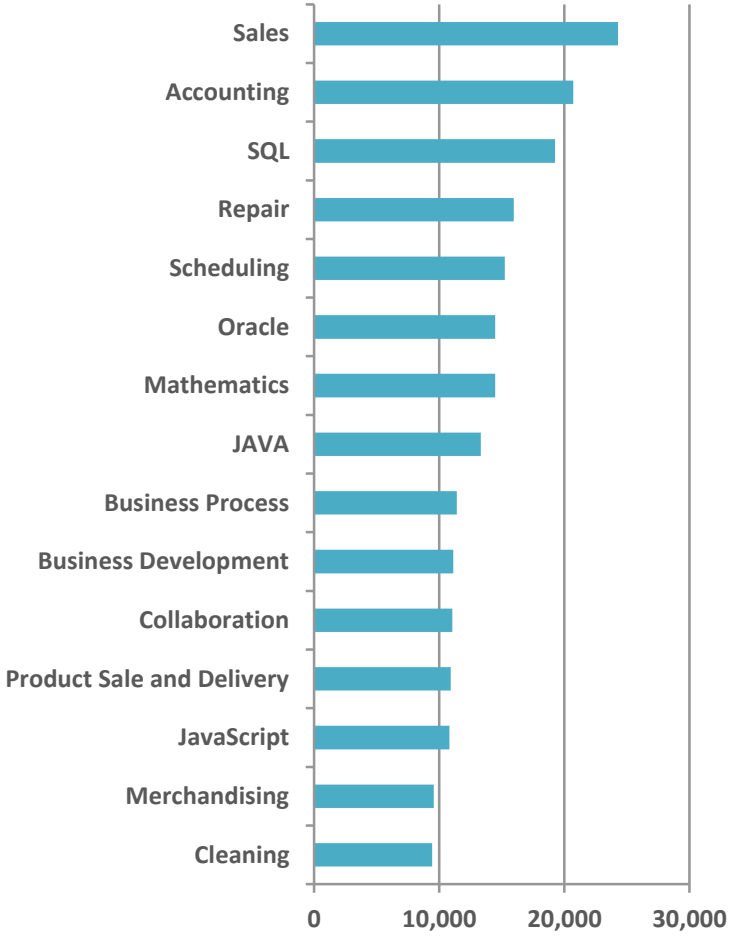
TOP SKILLS - ATLANTA



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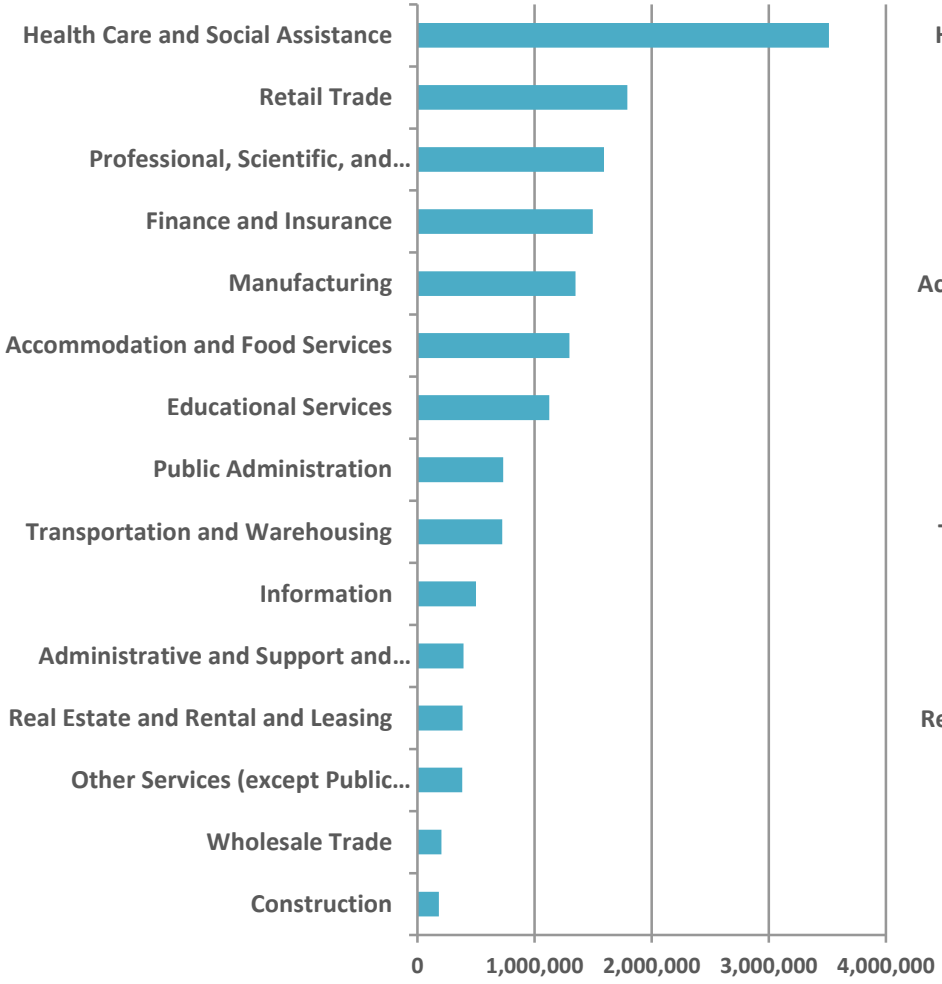
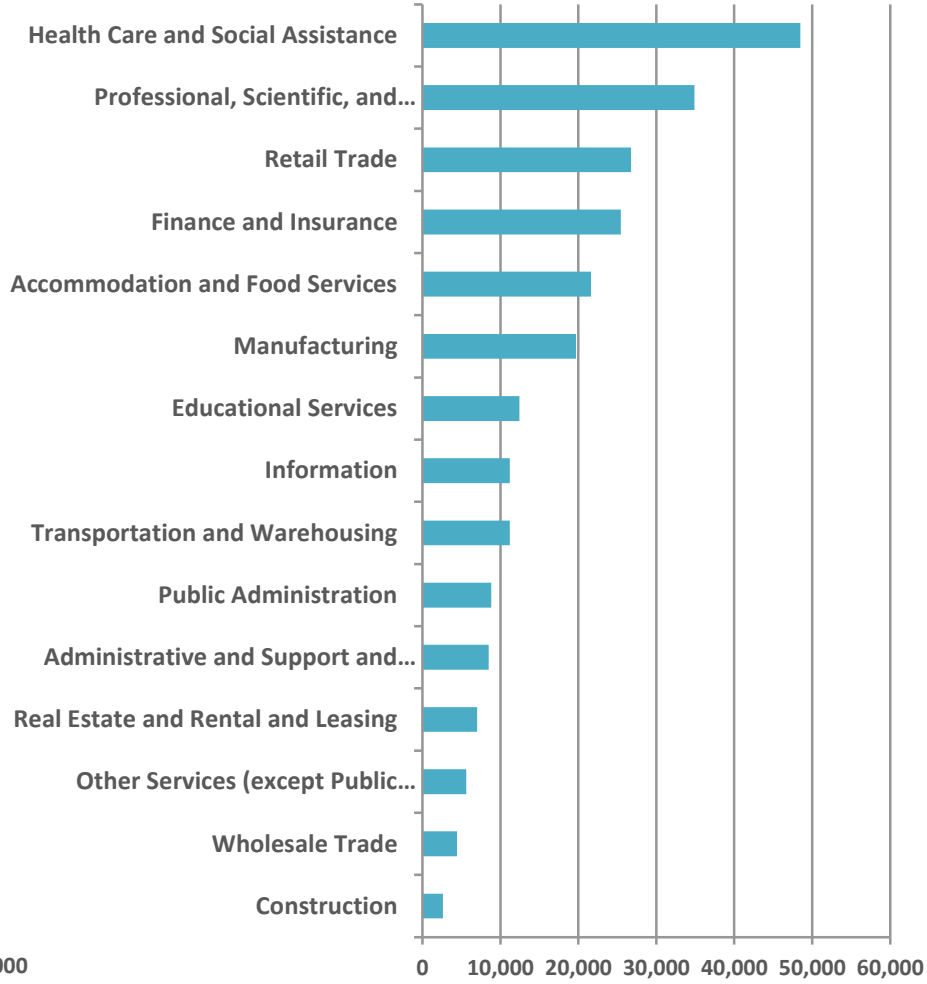
COMPARATIVE MARKETS

TOP INDUSTRIES - U.S.



Total Postings: Last 12 Months

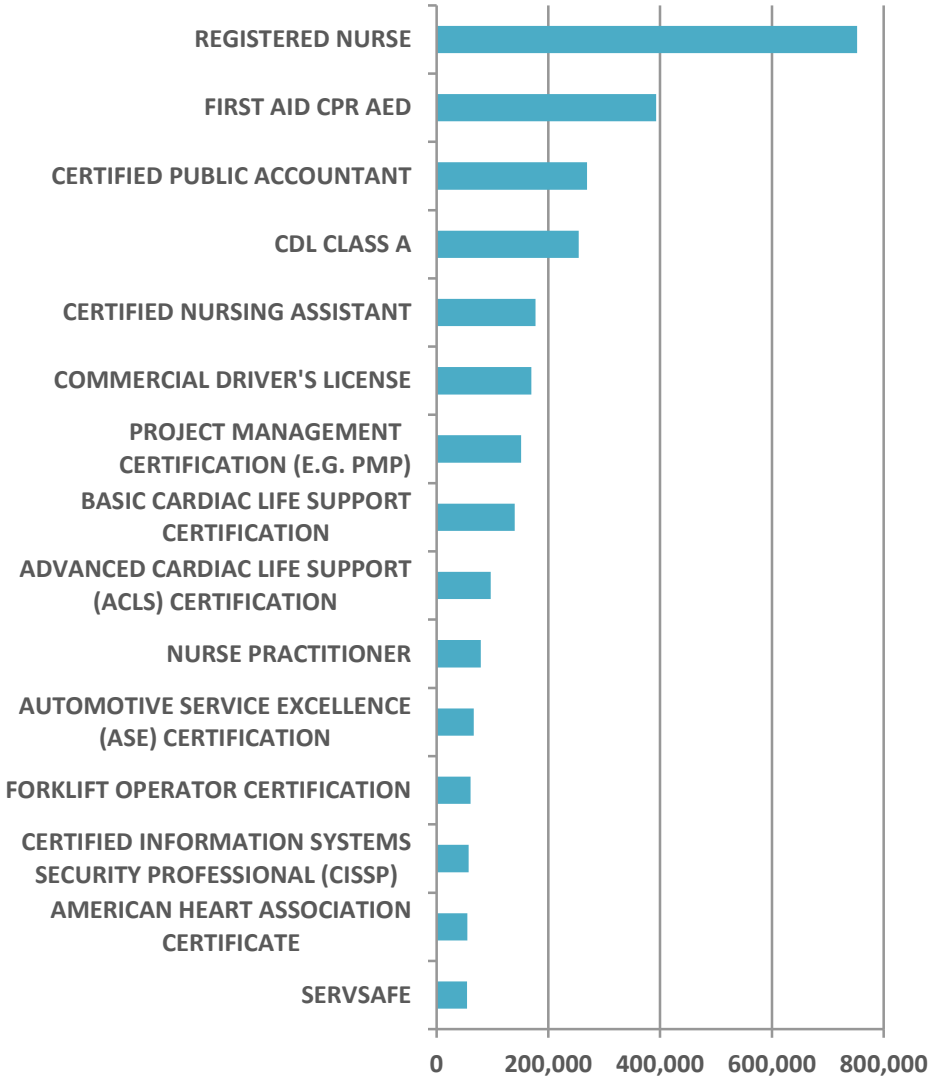
TOP INDUSTRIES - ATLANTA



Total Postings: Last 12 Months

COMPARATIVE MARKETS

TOP CERTIFICATIONS - U.S.



Total Postings: Last 12 Months

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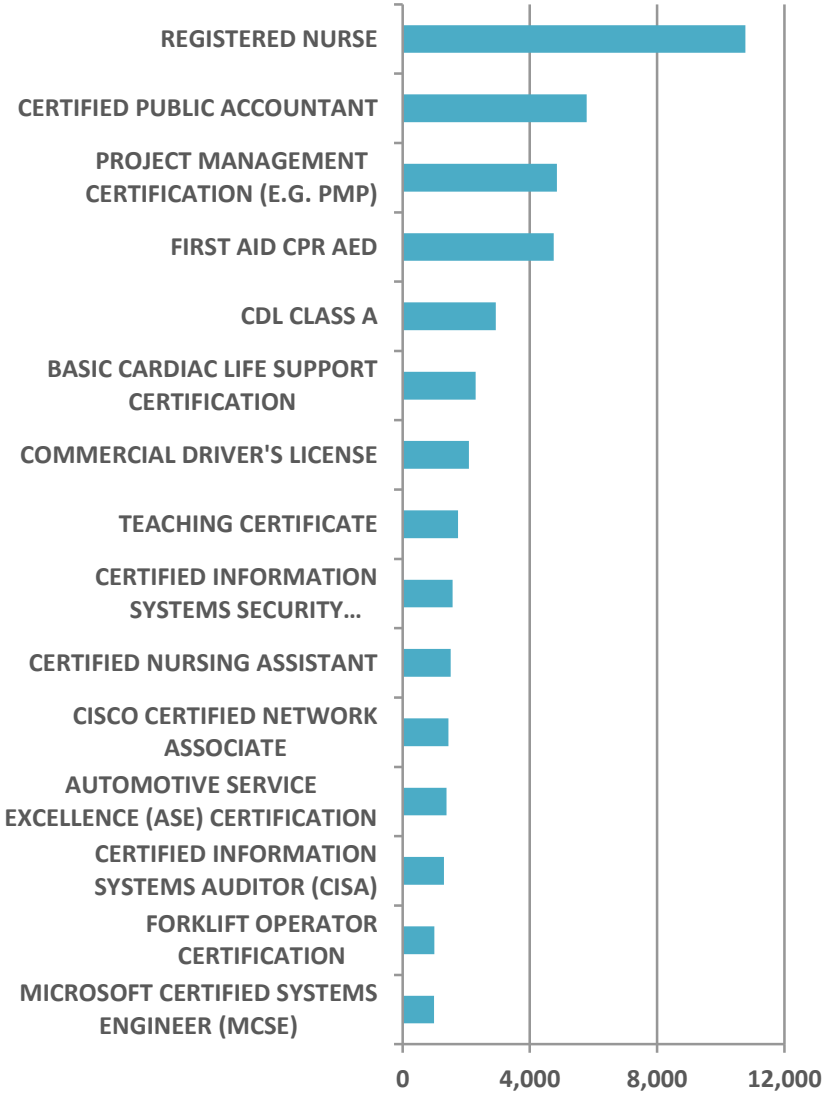
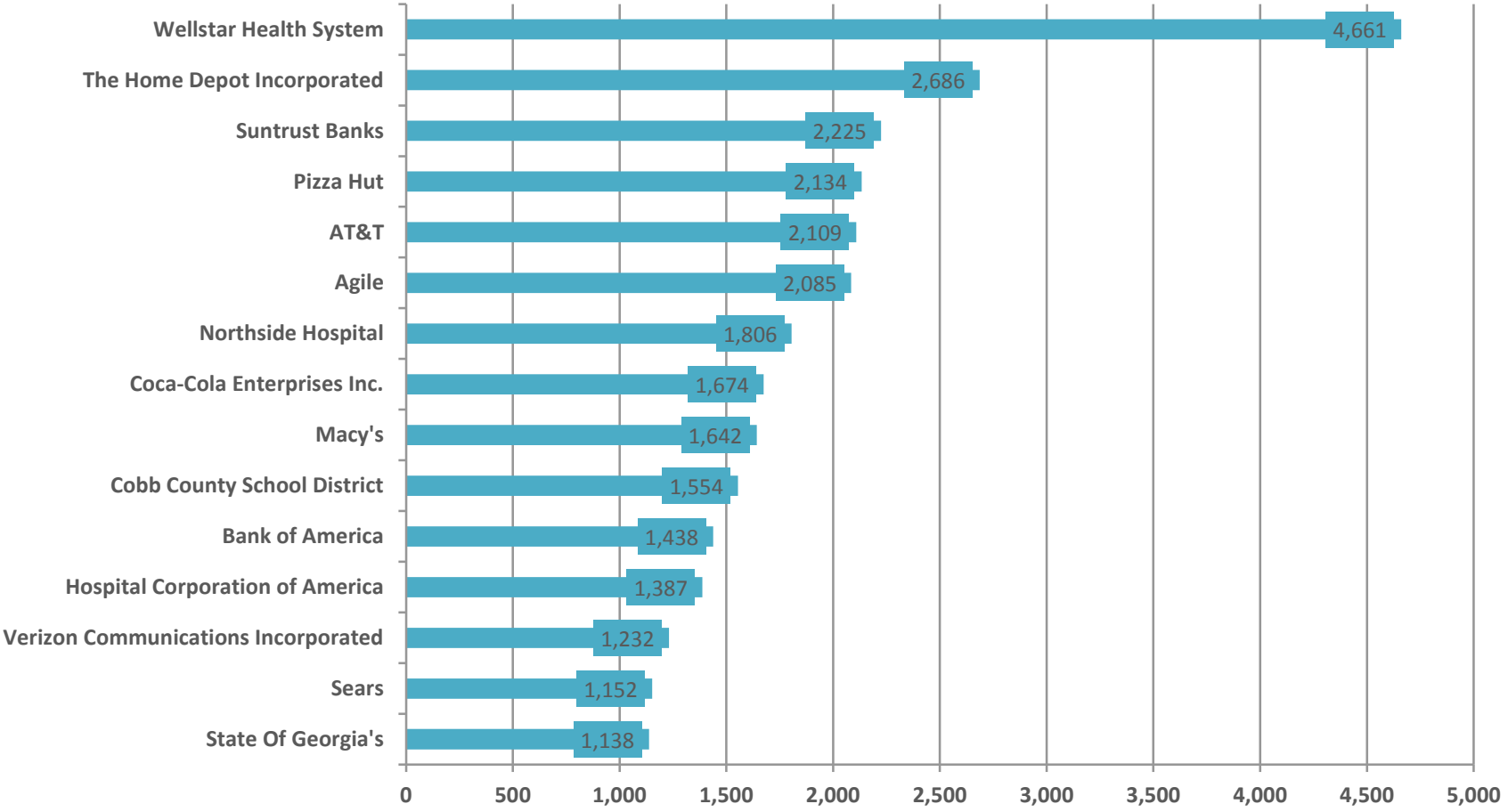


Total Postings: Last 12 Months

COMPARATIVE MARKETS

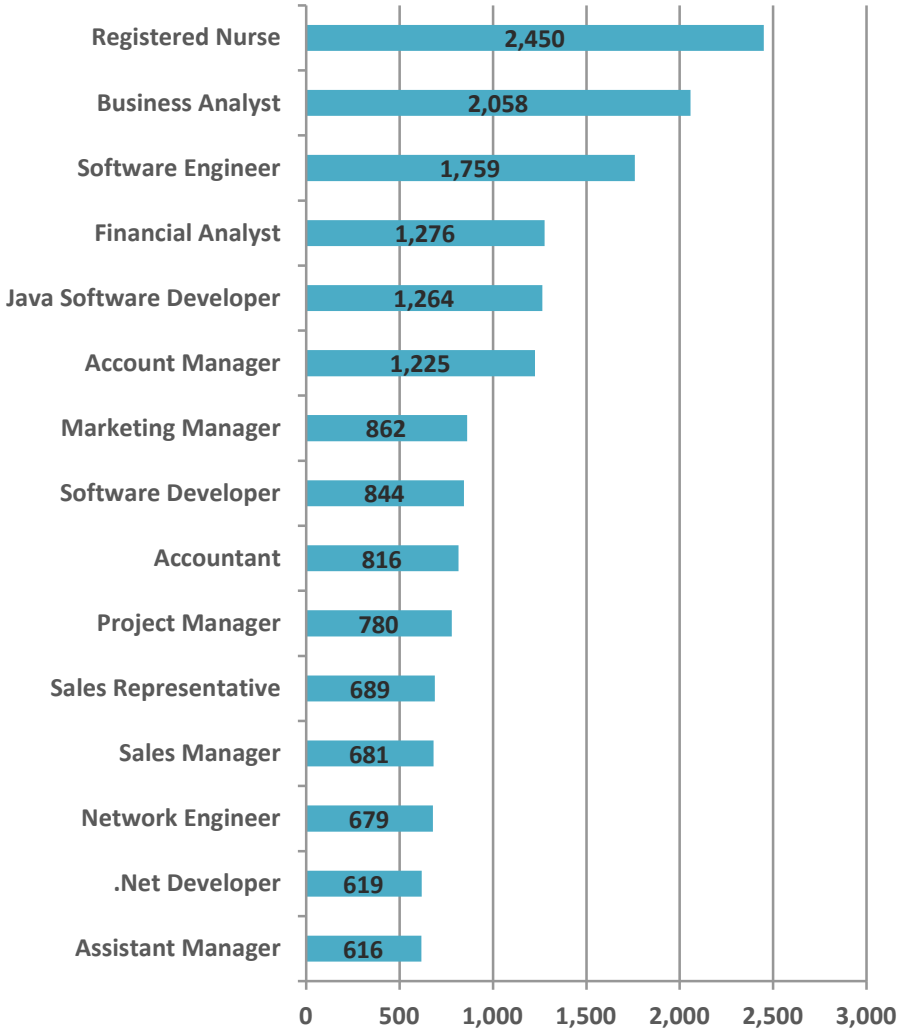
Top Employers - Atlanta



Total Postings: Last 12 Months

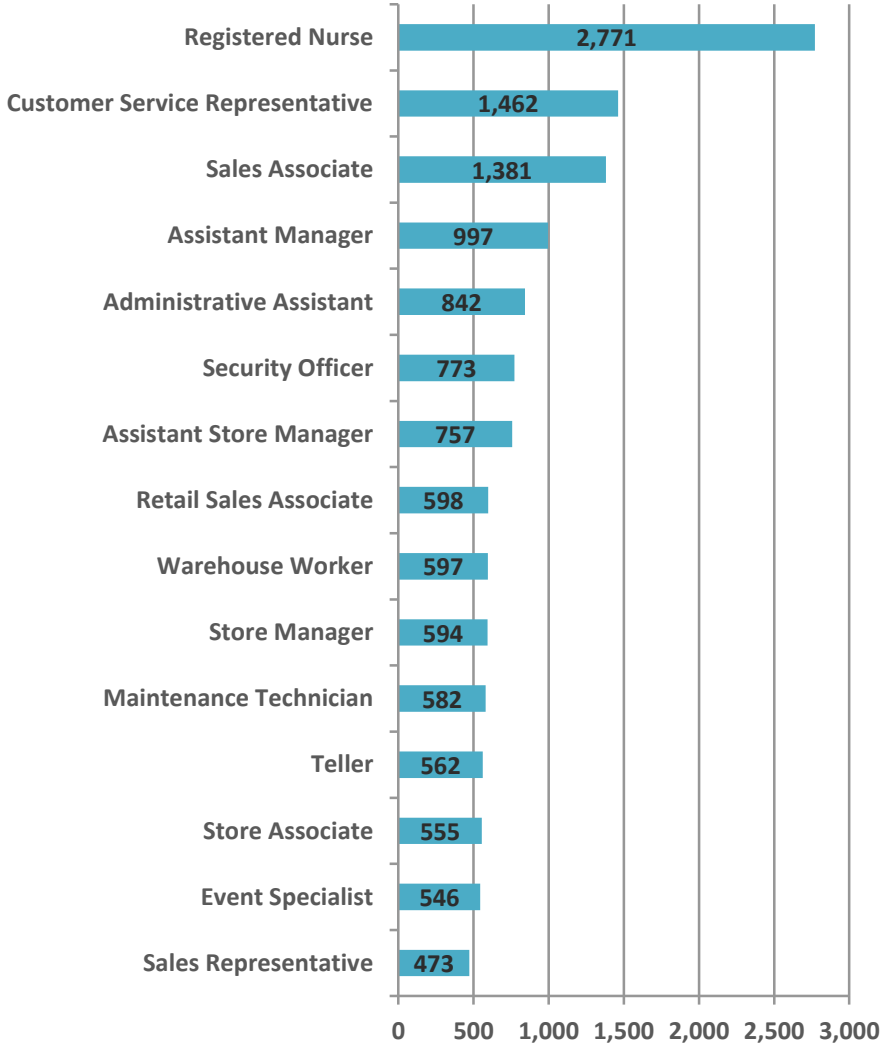
COMPARATIVE MARKETS

BA+ JOB POSTINGS



Total Postings: Last 12 Months

BA- JOB POSTINGS



Total Postings: Last 12 Months

TECHNOLOGY: COMPUTER IT BA+

Technology

a. **Computer IT BA+**
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

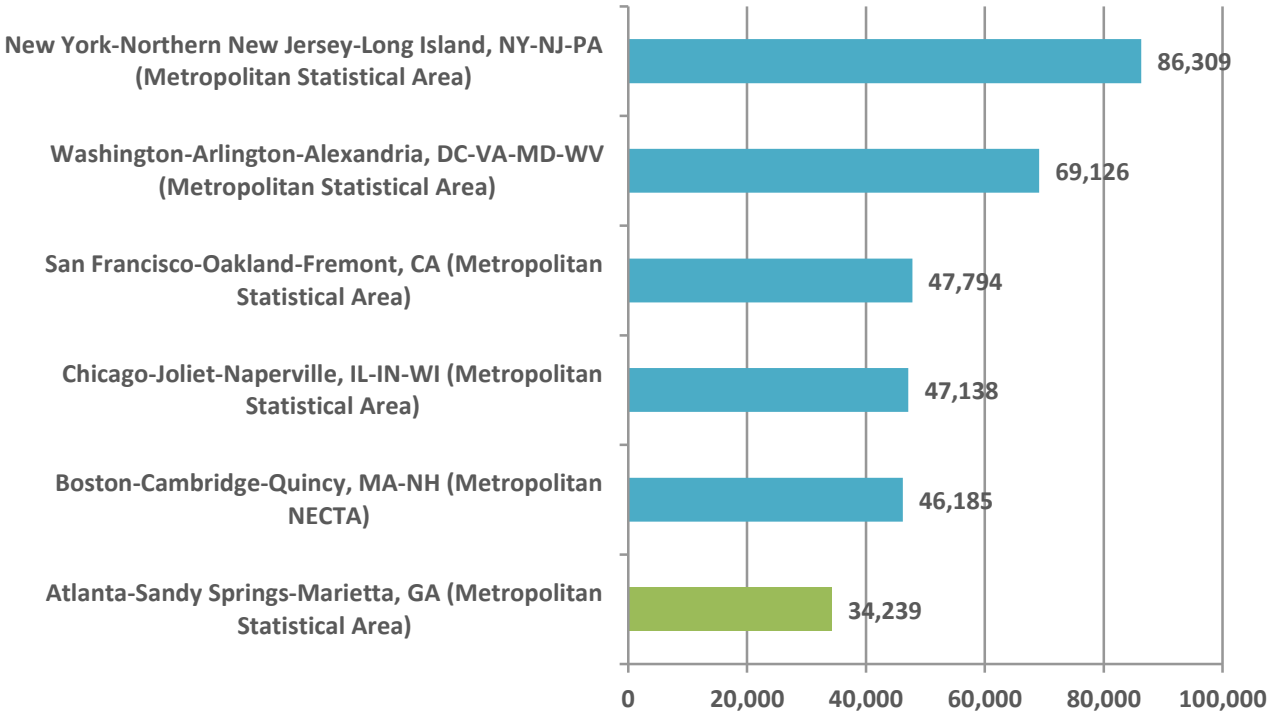
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

TECHNOLOGY: COMPUTER IT BA+

The "Computer IT BA+" target industry group includes all postings in the Burning Glass *occupation* group of Computer IT that have a bachelors degree or more as a minimum educational requirement.

TECHNOLOGY: COMPUTER IT BA+

Top 5 MSAs + Atlanta



Total Postings: 2013

Atlanta ranks 8th in the nation.

TECHNOLOGY: COMPUTER IT BA+

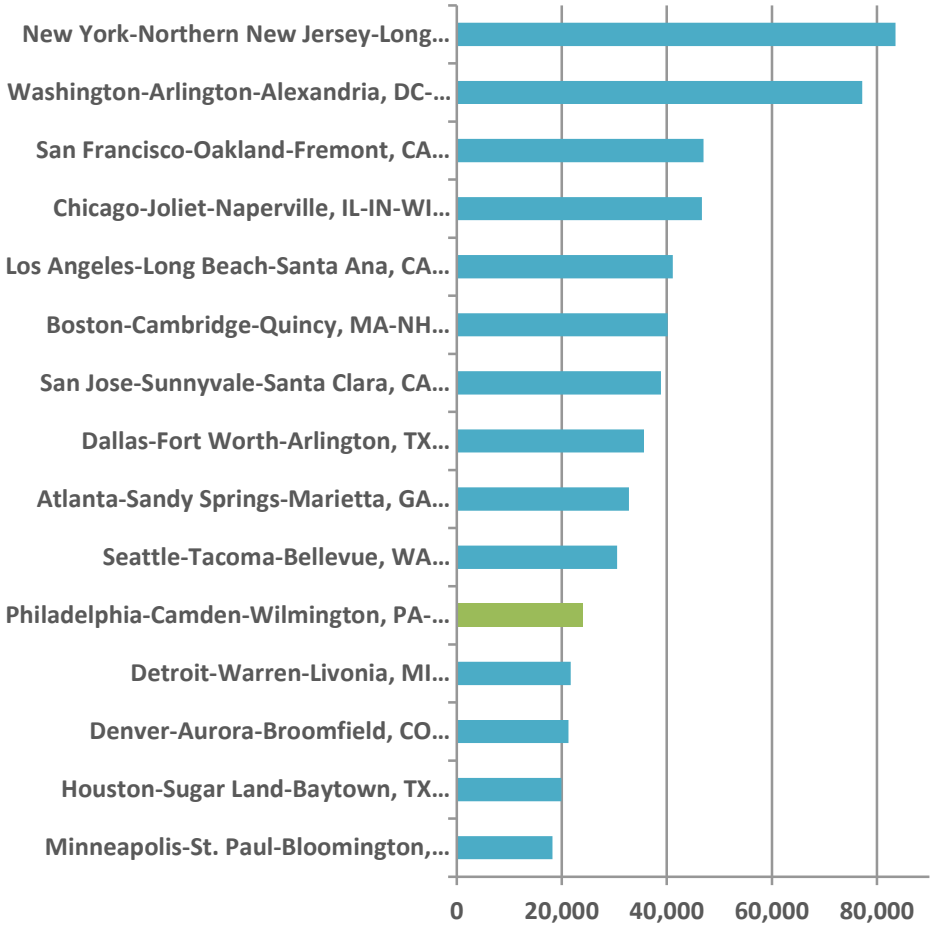
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 8th among MSAs in Computer IT BA+ postings, up from 10th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 13,965 in 2007 to 34,239 in 2013
  - This 145% increase compares to 139% growth in the nation on the whole
  - Atlanta's national share of Computer IT BA+ postings held at 3.0% in both 2007 and 2013
  - The 145% trails only Washington, D.C. MSA amongst the top five MSAs in this type of posting
- From 2010 to 2013, Computer IT BA+ postings in Atlanta have increased 61%
  - This compares to 43% growth in the nation on the whole
  - The 61% is a higher rate increase than any of the top five MSAs in this type of posting '00-'13

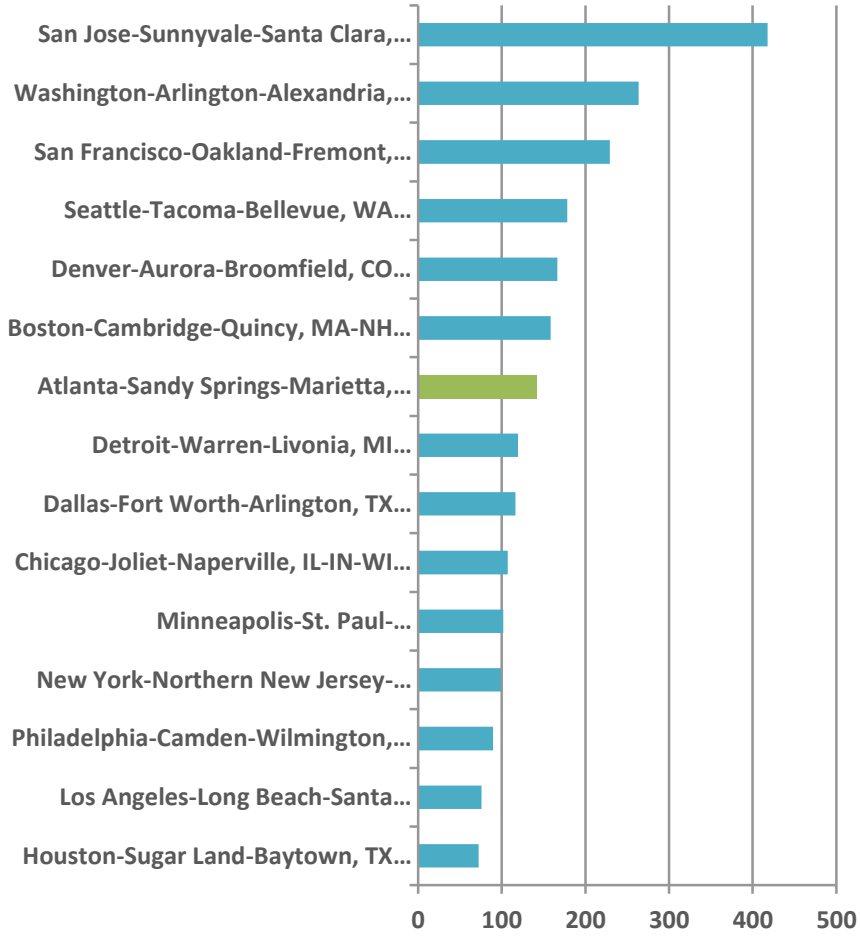
TECHNOLOGY: COMPUTER IT BA+

Top Locations by Ad Volume



Total Postings: Last 12 months (Dec '13-Dec '14)

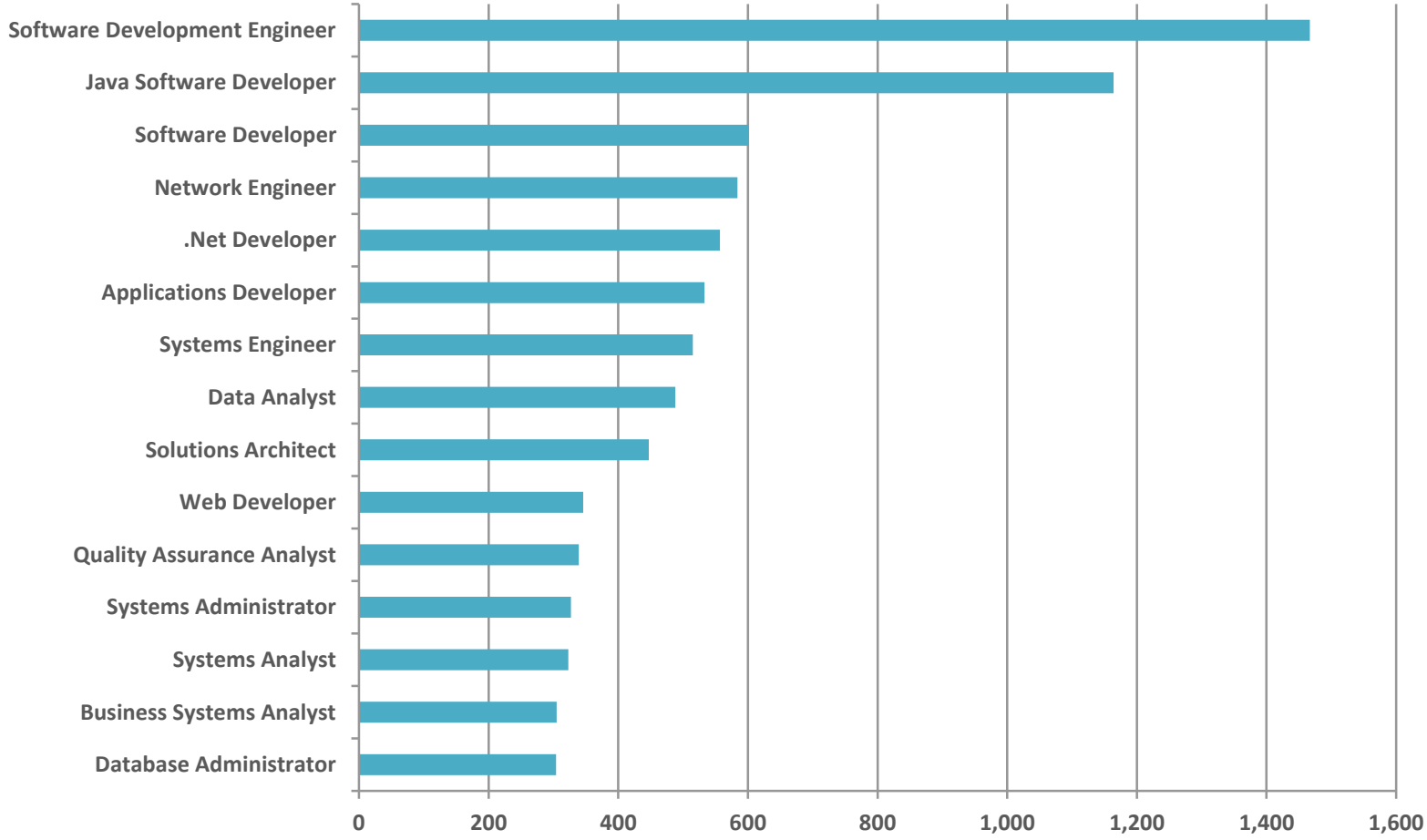
Postings Per Capita



Postings Per 10,000 Working-Age Residents: Last 12 months

TECHNOLOGY: COMPUTER IT BA+

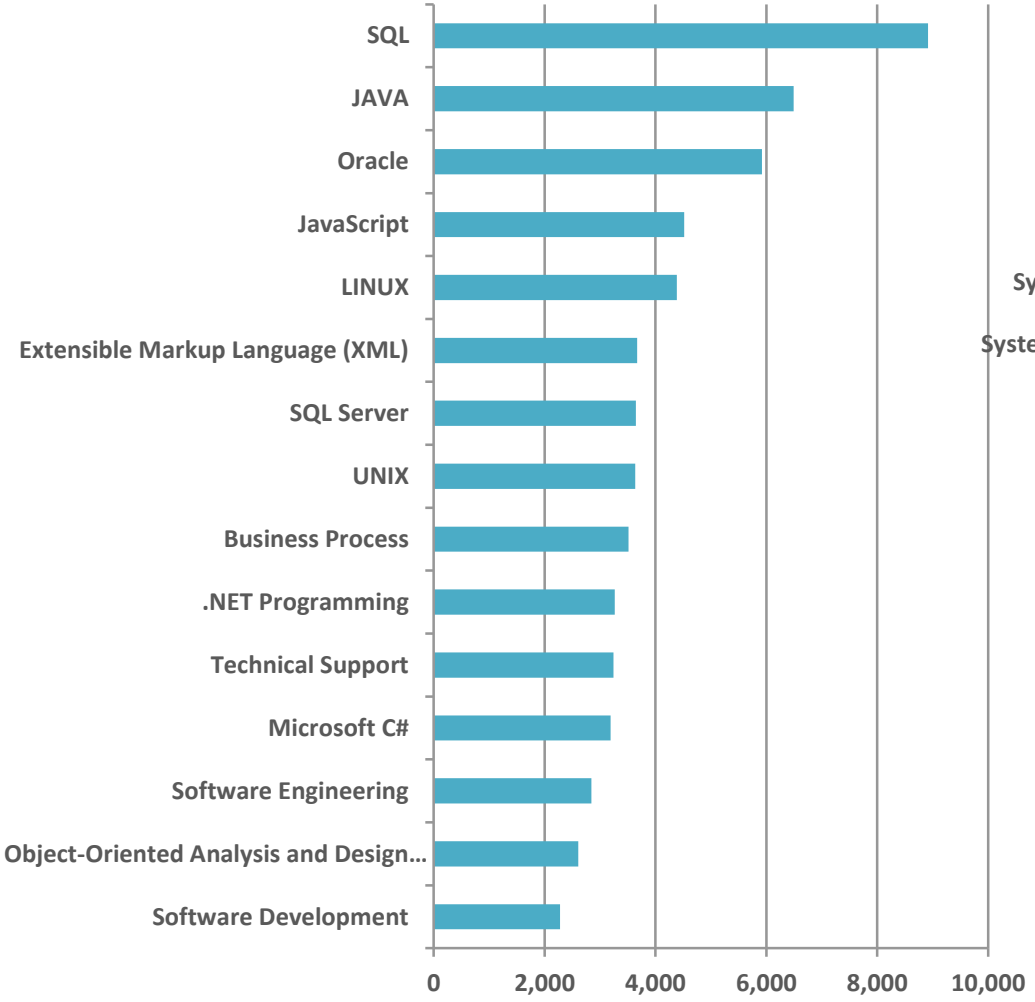
Top Titles



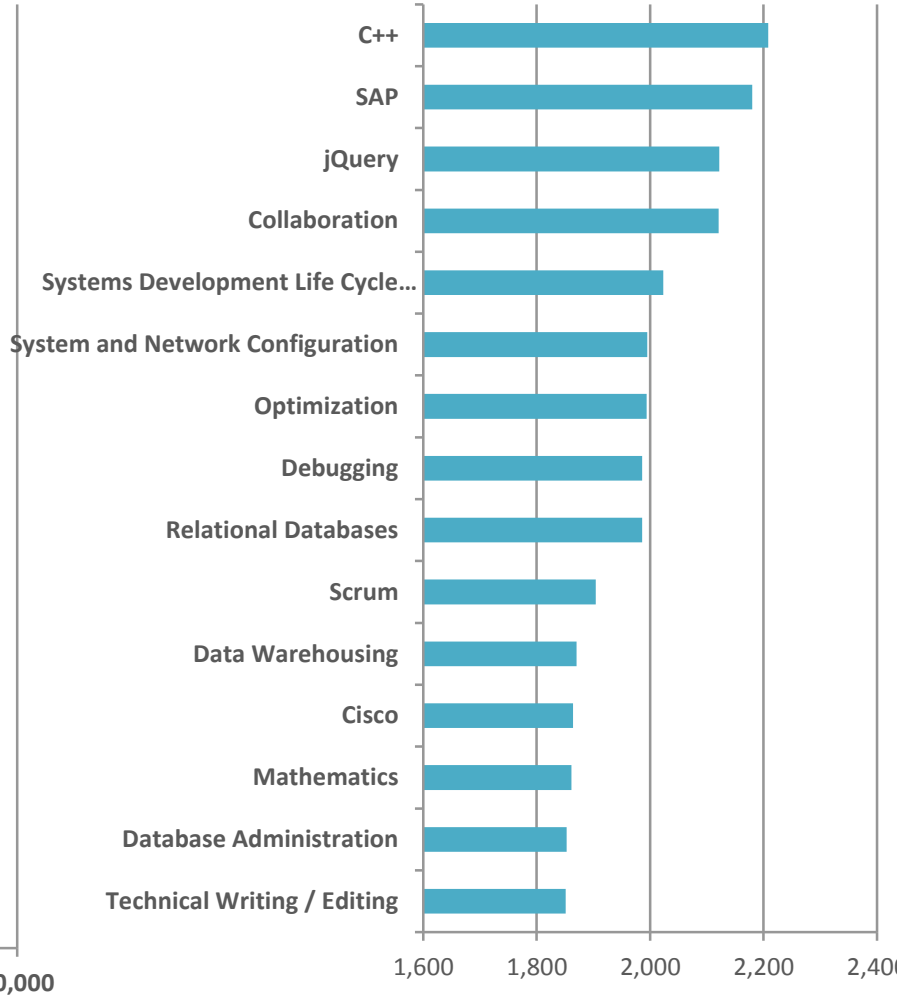
Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT BA+

TOP SPECIALIZED SKILLS

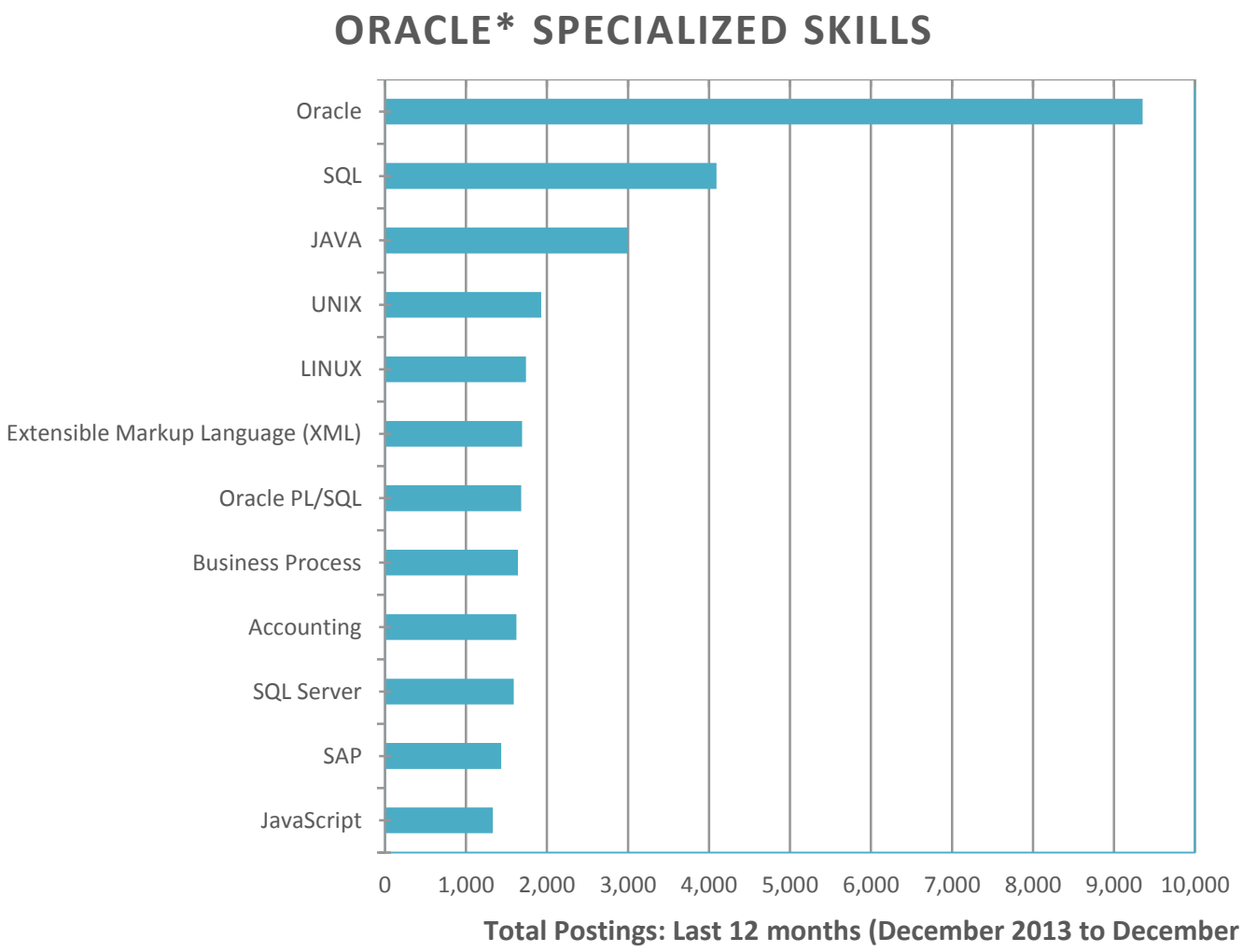


Total Postings: Last 12 Months (Dec '13-Dec '14)



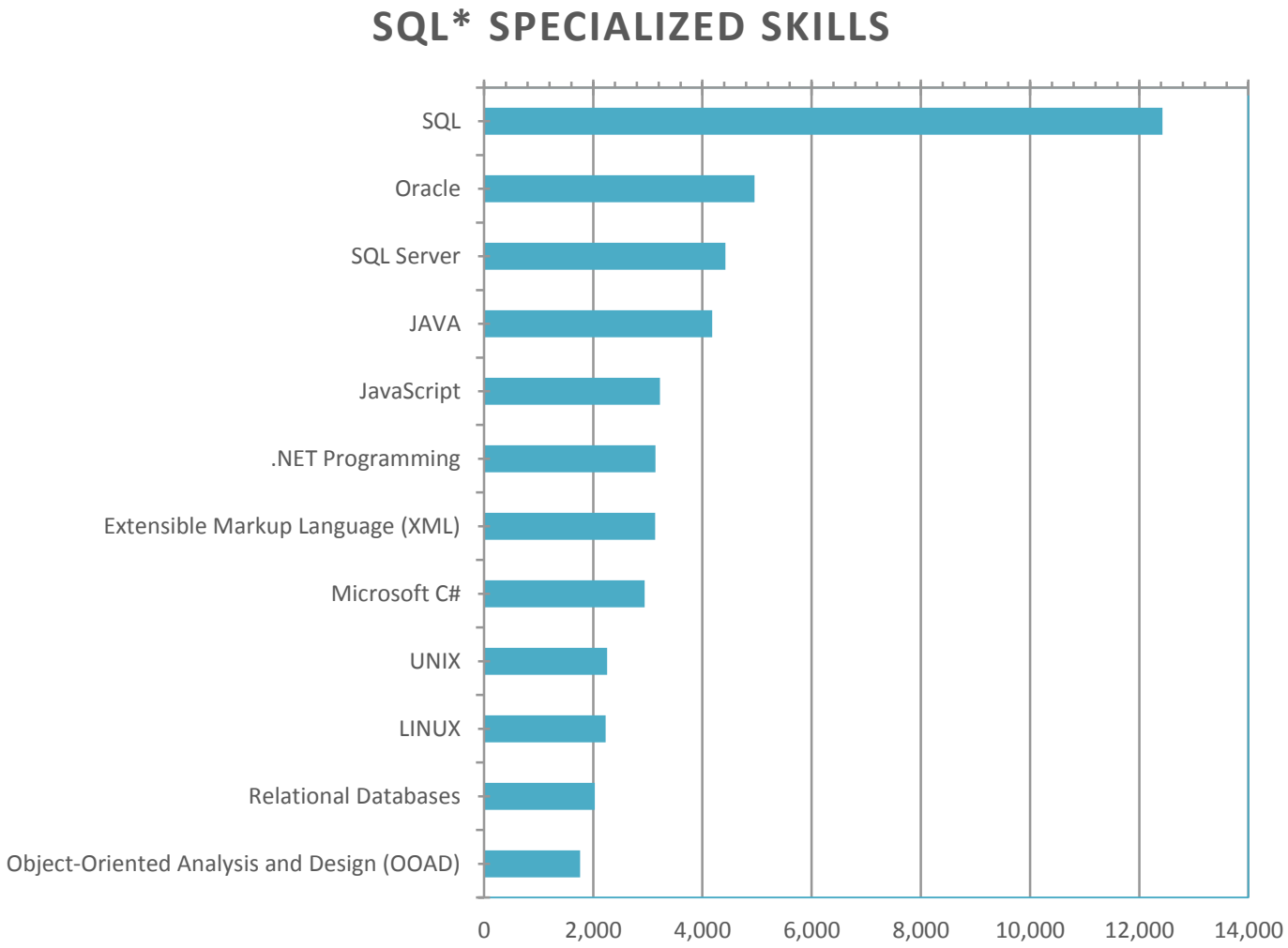
Total Postings: Last 12 Months

TECHNOLOGY: COMPUTER IT BA+



* Specialized skills that "co-appear" in postings asking for Oracle-related skills

TECHNOLOGY: COMPUTER IT BA+

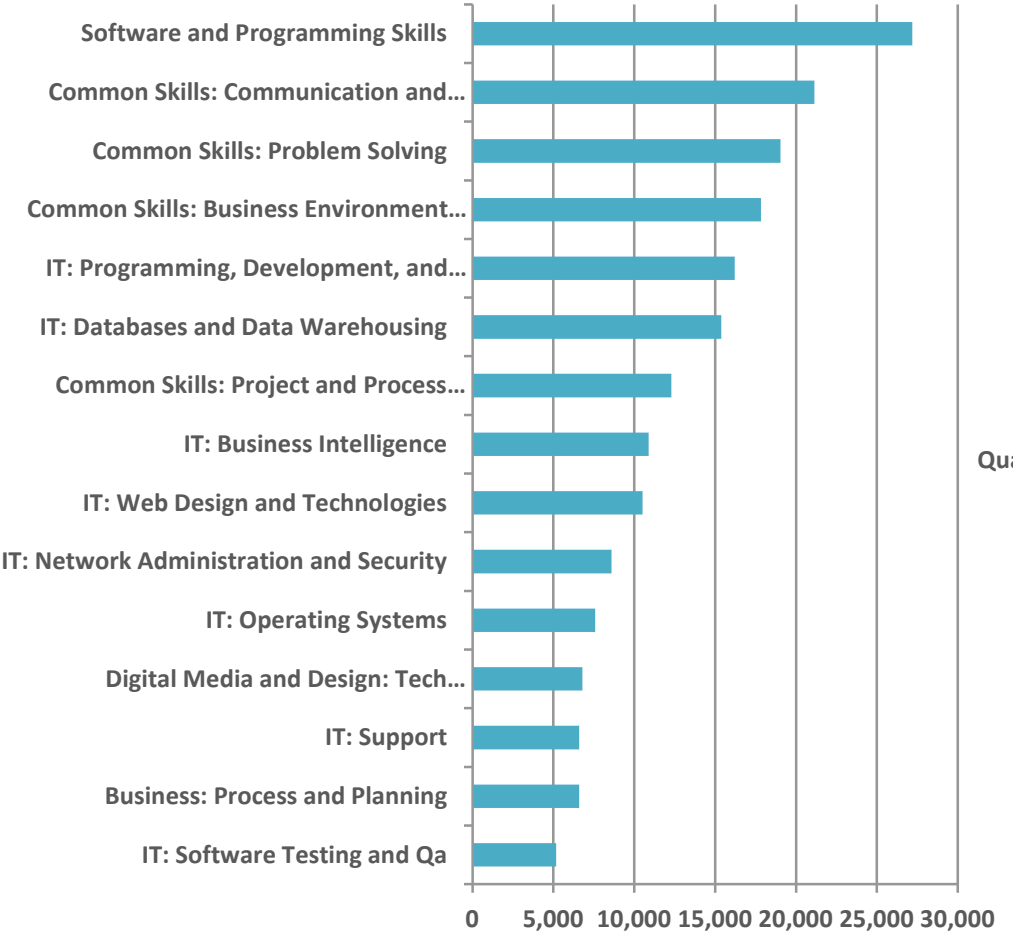


* Specialized skills that "co-appear" in postings asking for SQL-related skills

Total Postings: Last 12 months (December 2013 to December 2014)

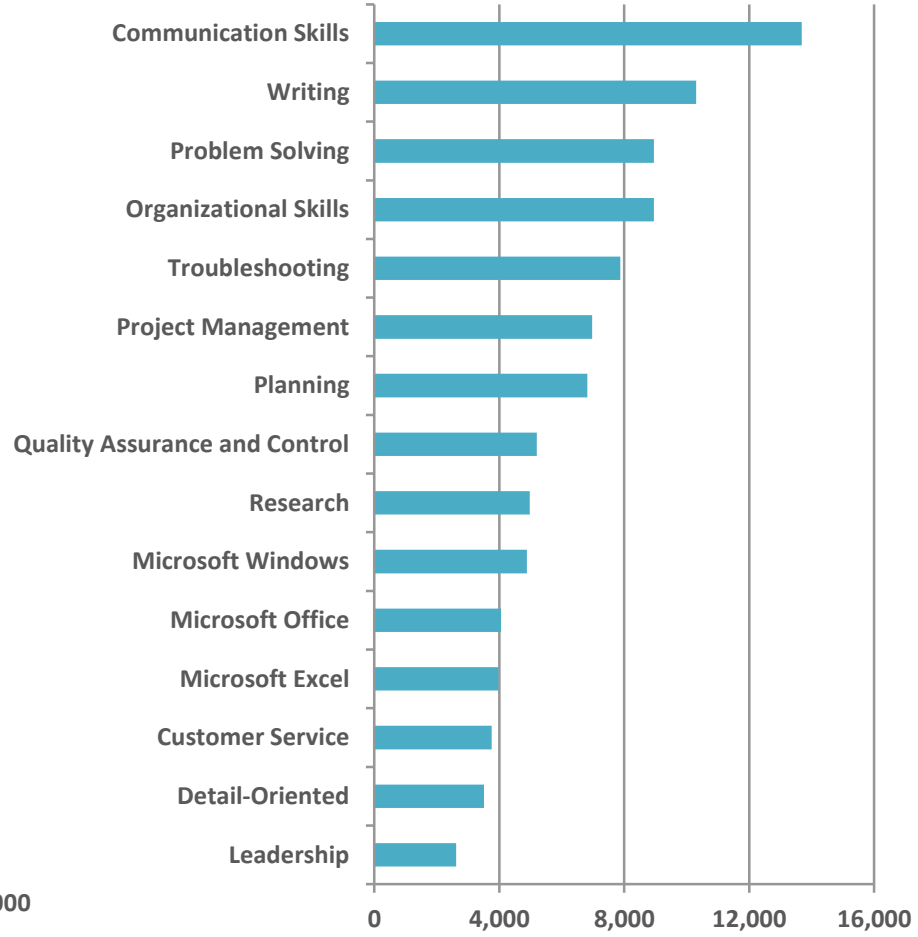
TECHNOLOGY: COMPUTER IT BA+

TOP SKILL CLUSTERS



Total Postings: Last 12 Months (Dec '13- Dec' 14)

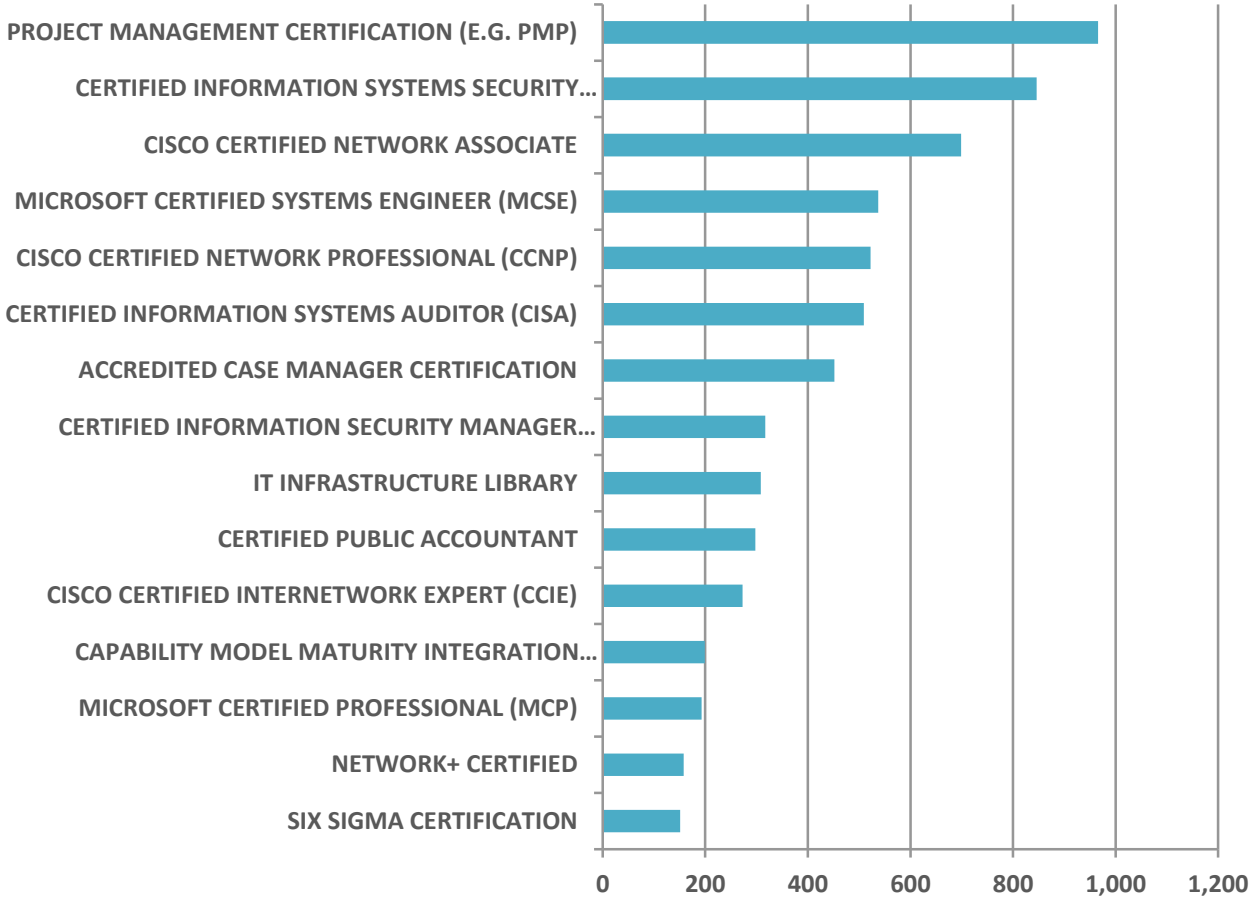
TOP BASELINE SKILLS



Total Postings: Last 12 Months

TECHNOLOGY: COMPUTER IT BA+

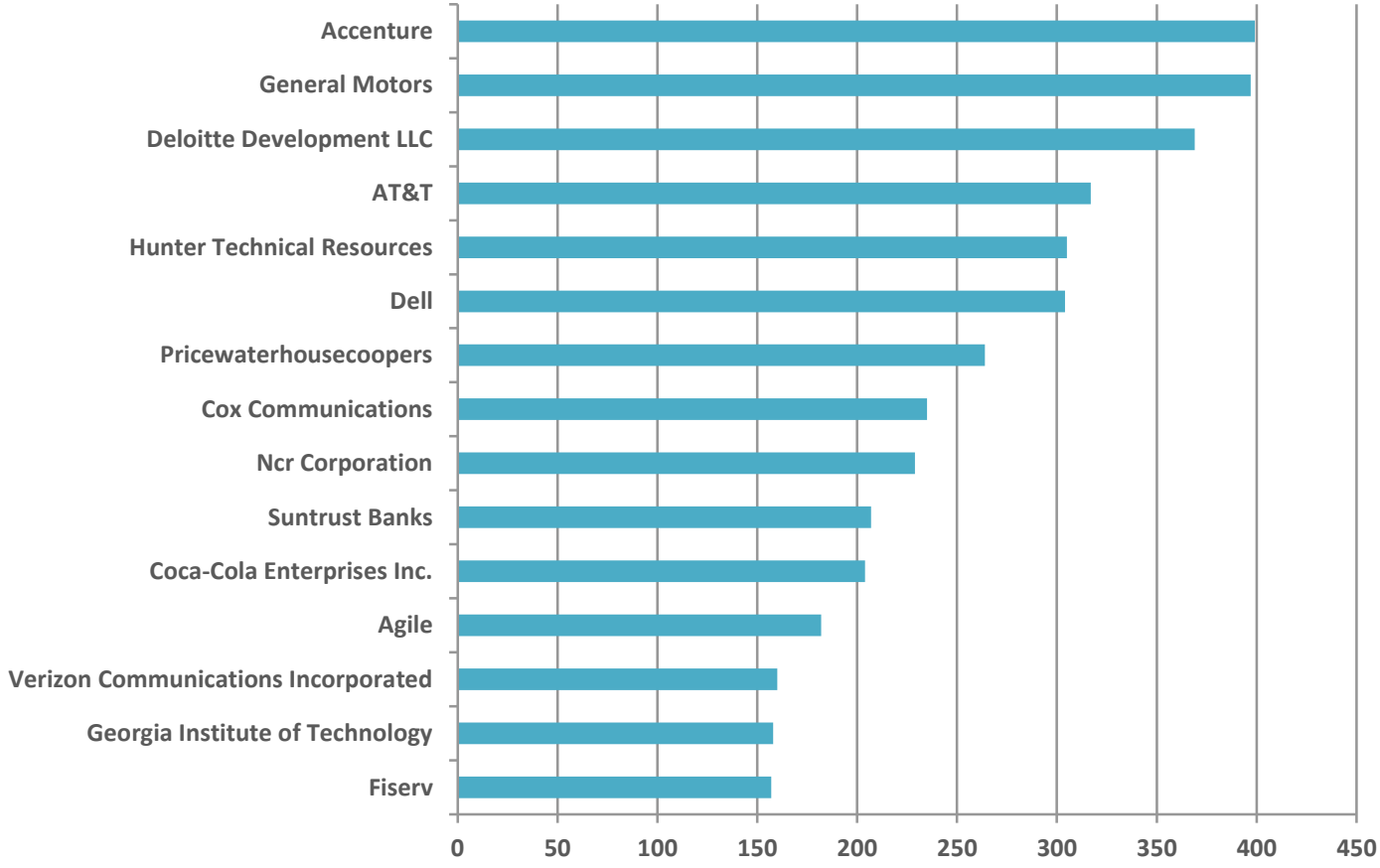
Top Certifications



Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT BA+

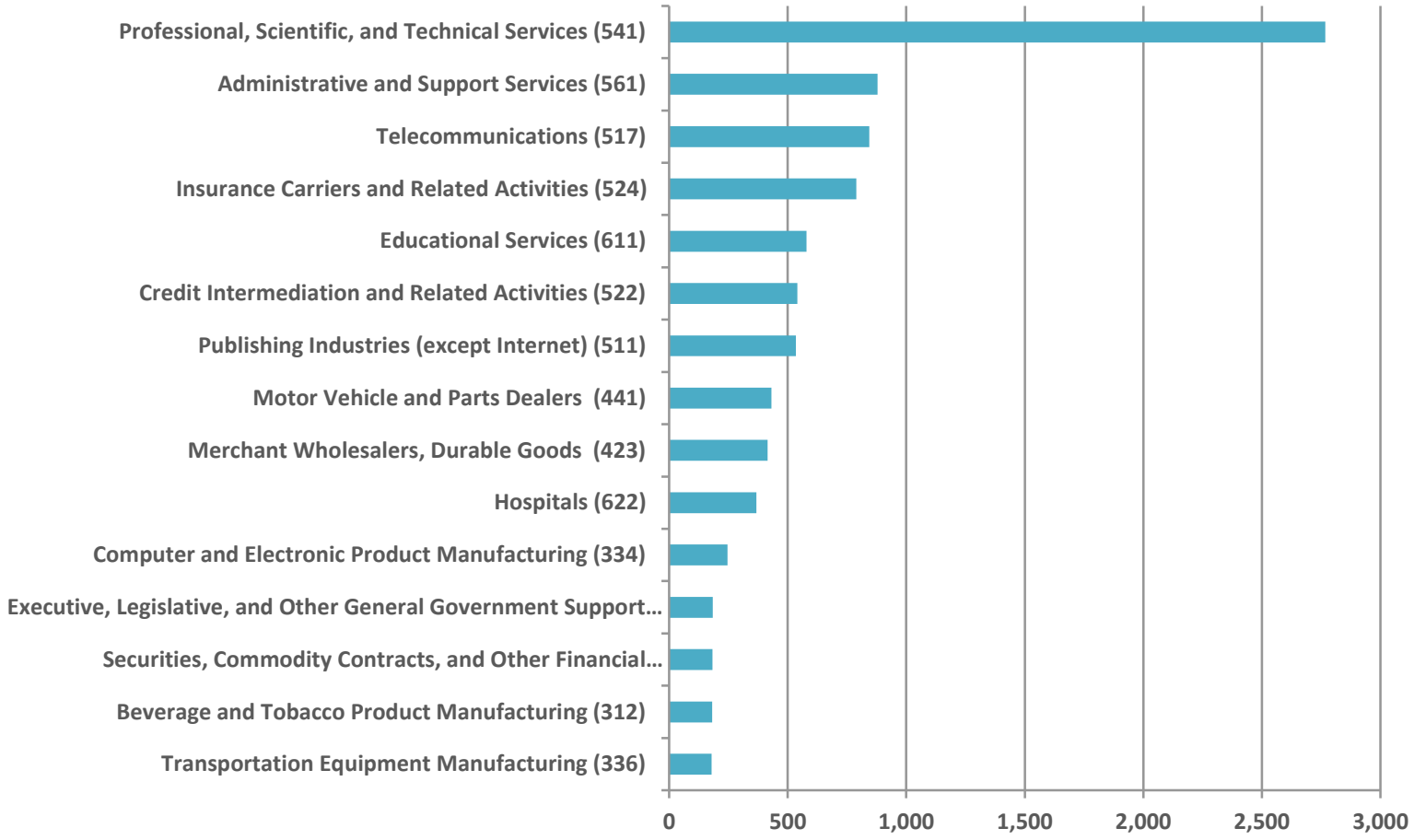
Top Employers



Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT BA+

Top Industries



Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT BA-

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

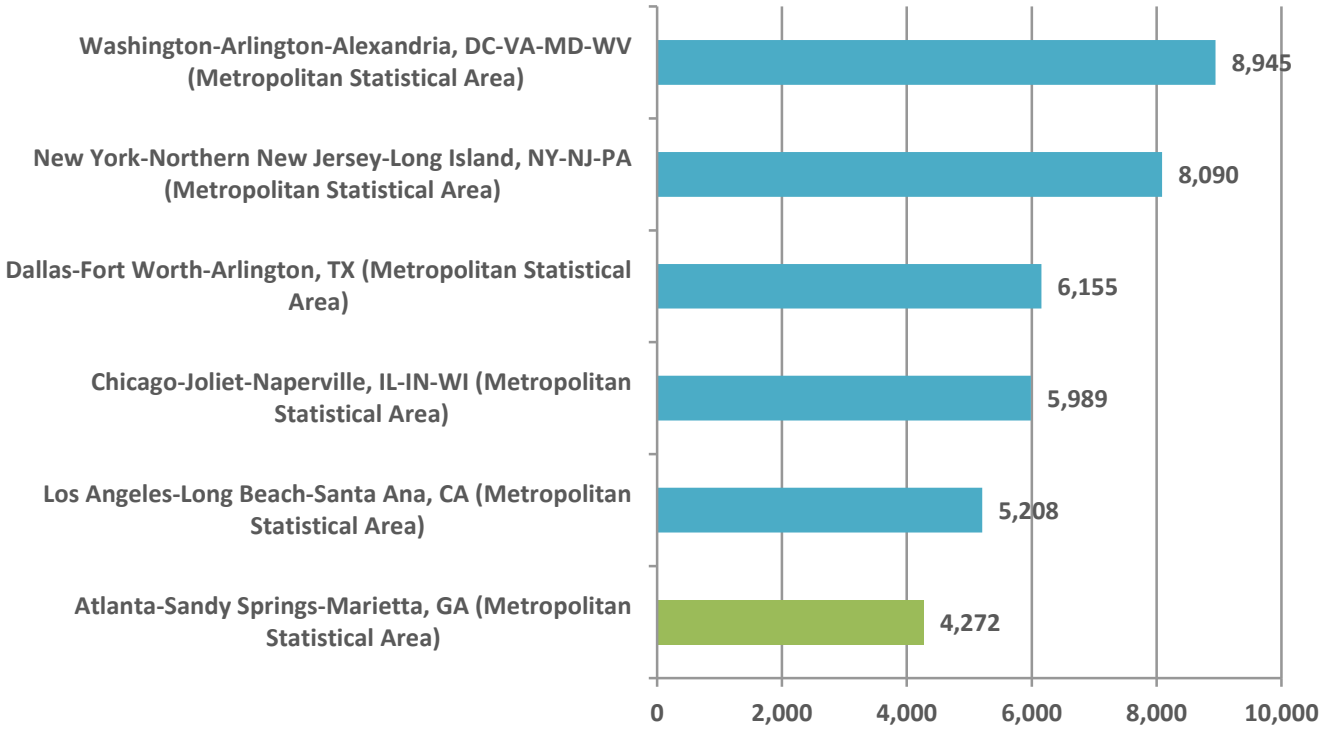
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

TECHNOLOGY: COMPUTER IT BA-

The "Computer IT BA-" target industry group includes all postings in the Burning Glass *occupation* group of Computer IT that have a high school degree or associate's degree as minimum educational requirements.

TECHNOLOGY: COMPUTER IT BA-

Top 5 MSAs + Atlanta



Total Postings: 2013

Atlanta ranks 6th in the nation.

TECHNOLOGY: COMPUTER IT BA-

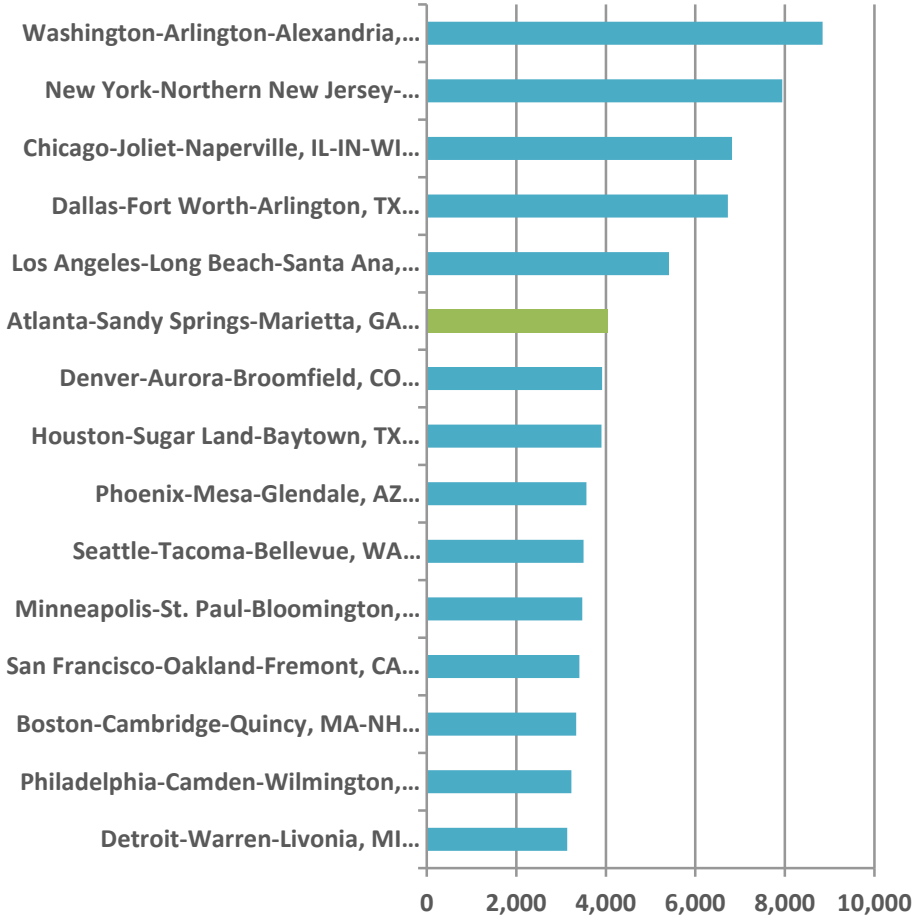
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 6th among MSAs in Computer IT BA- jobs, up from 7th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 1,795 in 2007 to 4,272 in 2013
  - This 138% increase compares to 162% growth in the nation on the whole
  - Atlanta's national share of Computer IT BA- postings fell from 2.5% in 2007 to 2.2% in 2013
  - The 145% trails only Washington, D.C. MSA amongst the top five MSAs in this type of posting
- From 2010 to 2013, Computer IT BA- postings in Atlanta have increased 61%
  - This compares to 43% growth in the nation on the whole
  - The 61% is a higher rate increase than any of the top five MSAs in this type of posting '10-'13

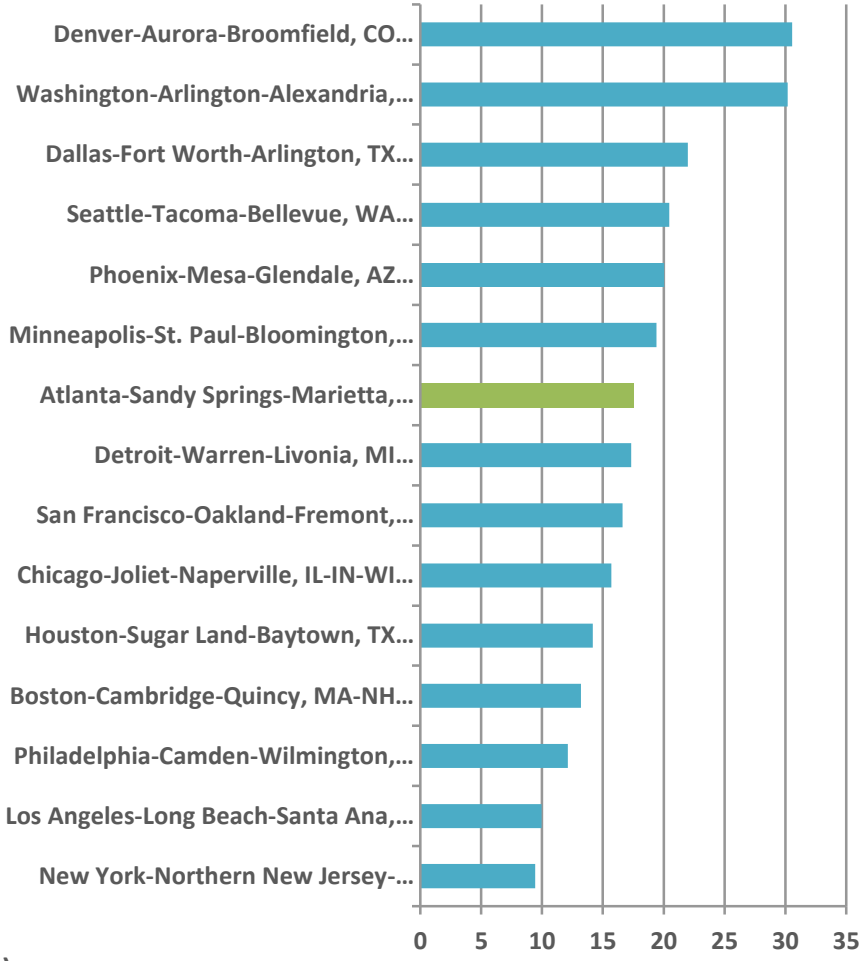
TECHNOLOGY: COMPUTER IT BA-

Top Locations by Ad Volume



Total Postings: Last 12 months (Dec '13-Dec '14)

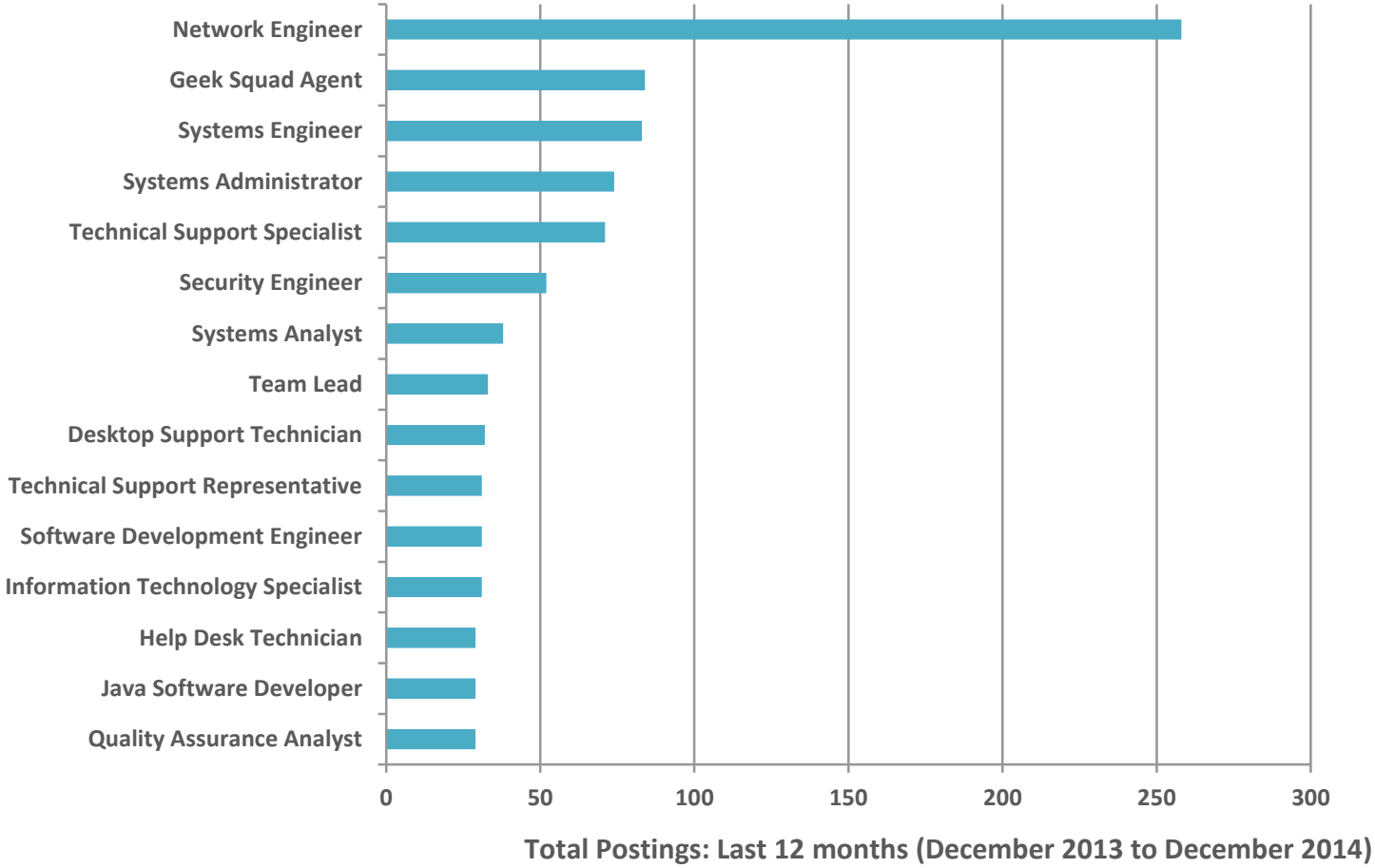
Postings Per Capita



Postings Per 10,000 Working-Age Residents: Last 12 months

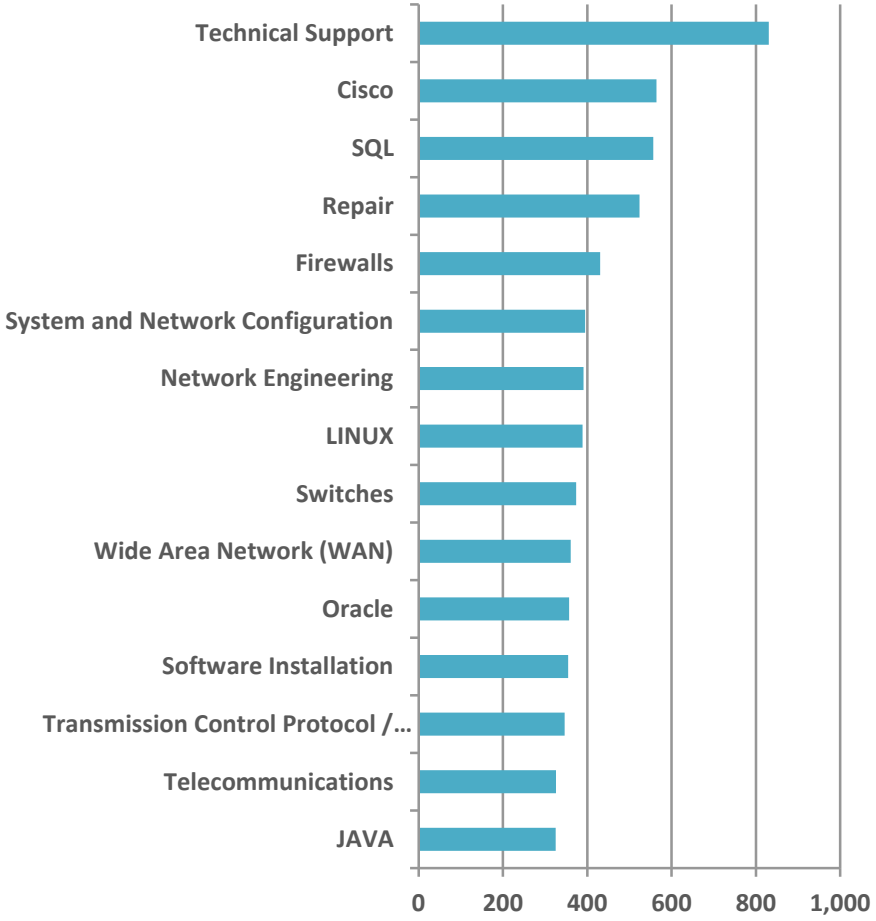
TECHNOLOGY: COMPUTER IT BA-

Top Titles

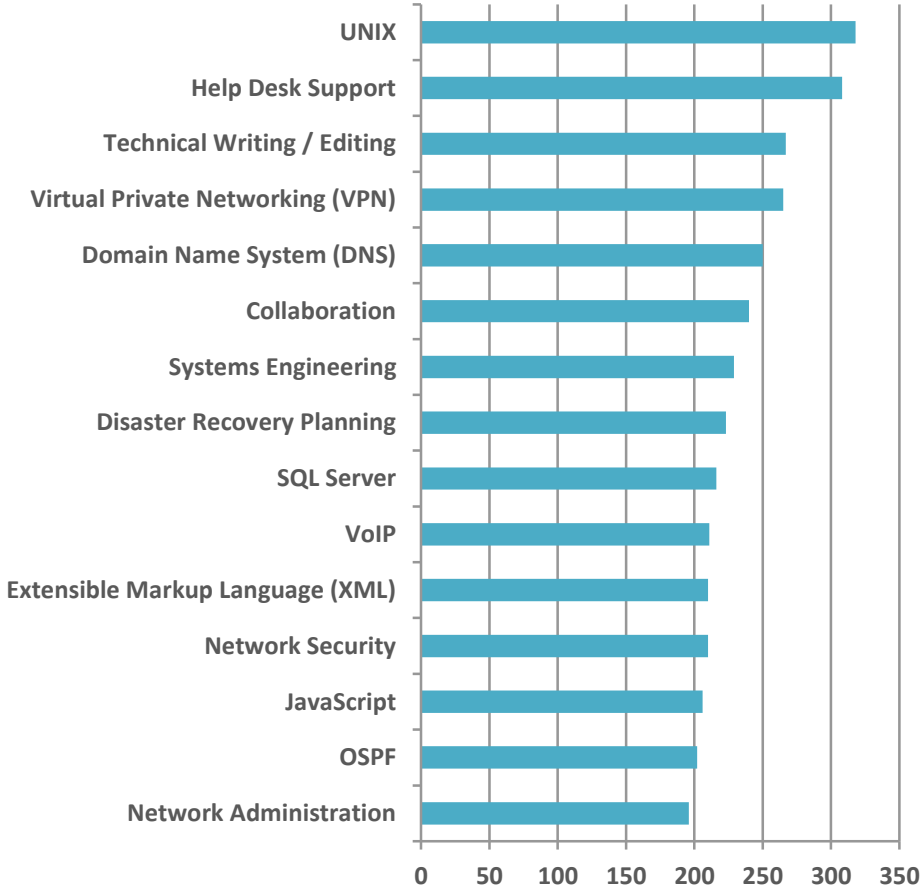


TECHNOLOGY: COMPUTER IT BA-

TOP SPECIALIZED SKILLS



Total Postings: Last 12 months



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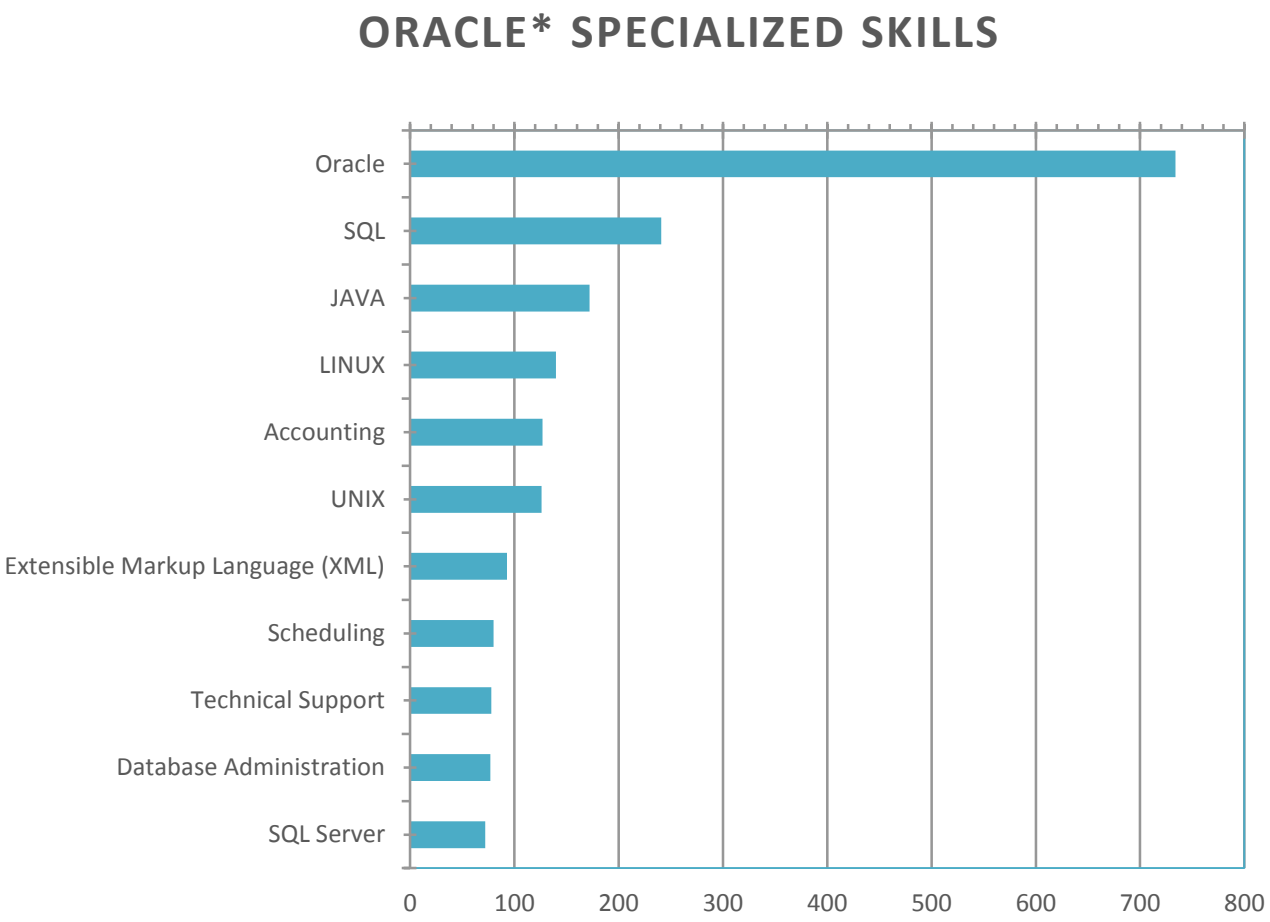
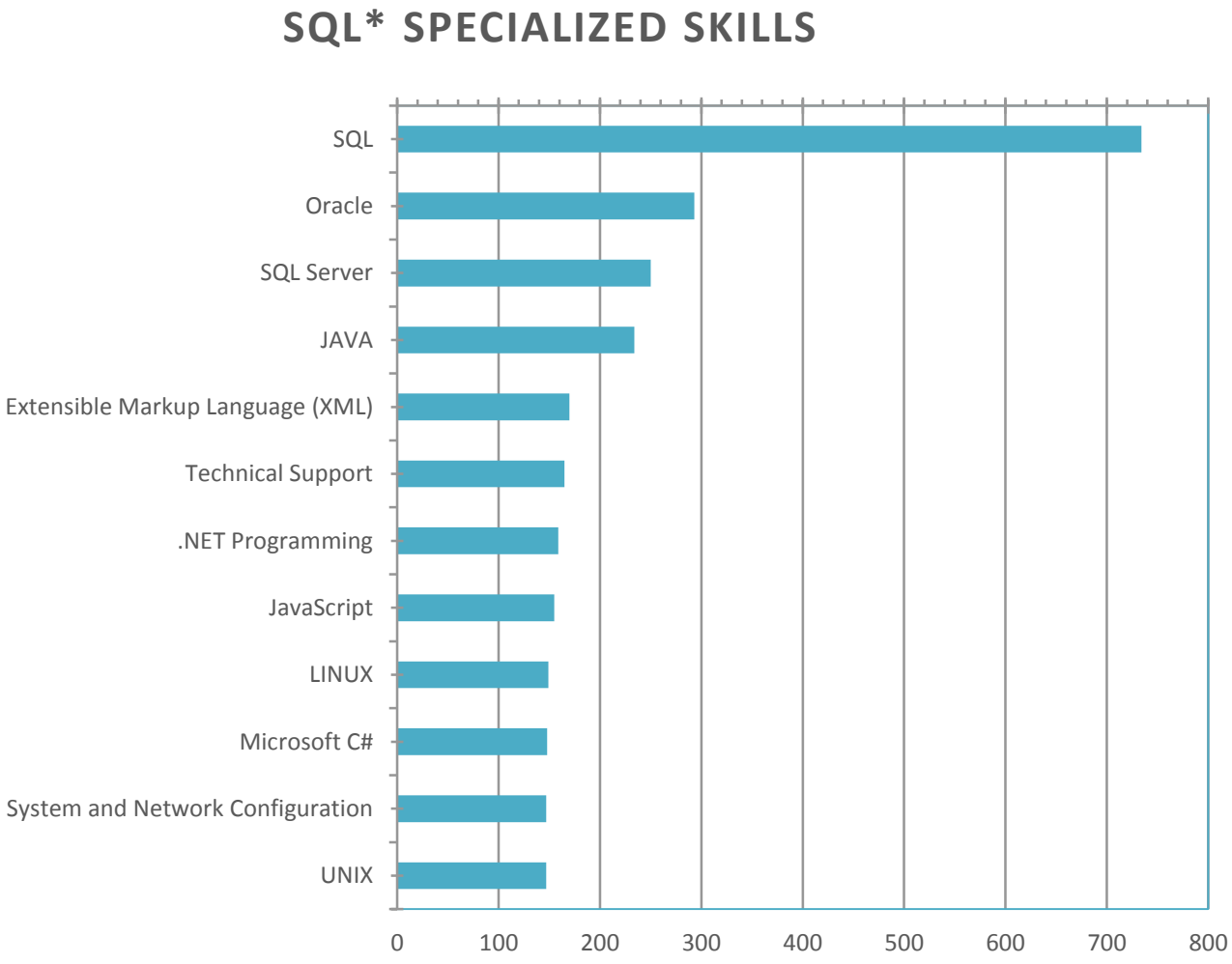


* Specialized skills that "co-appear" in postings asking for Oracle-related skills

Total Postings: Last 12 months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT BA-



* Specialized skills that "co-appear" in postings asking for SQL-related skills

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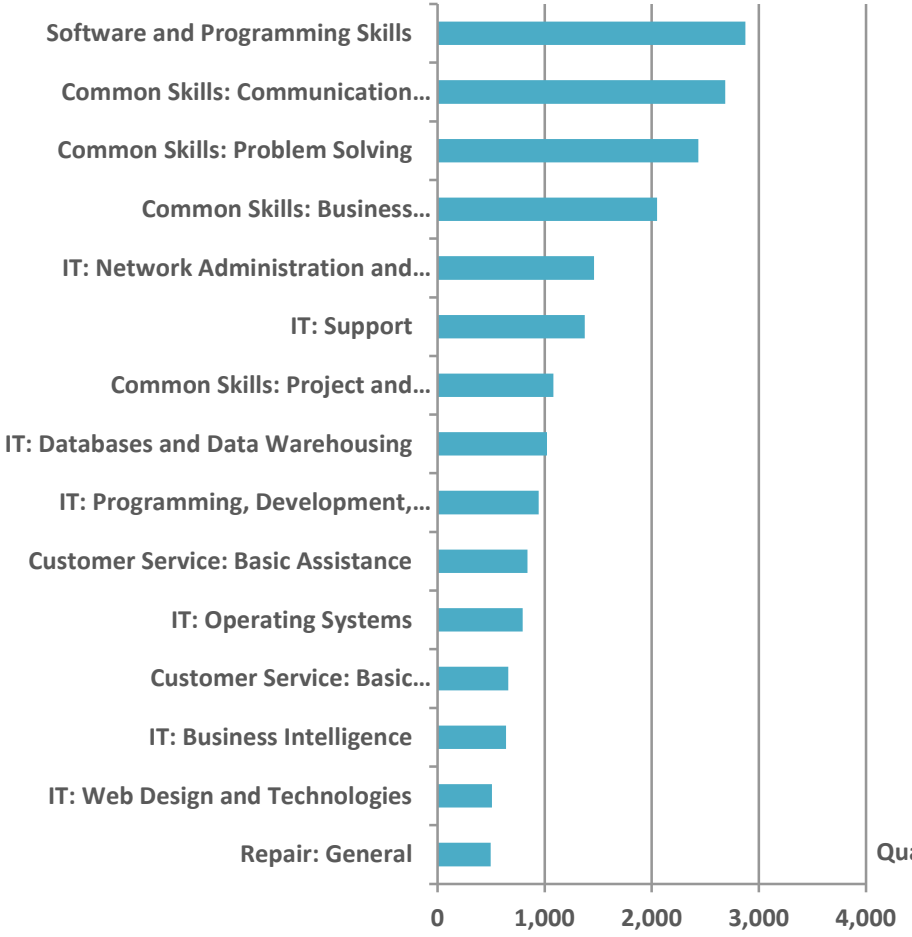
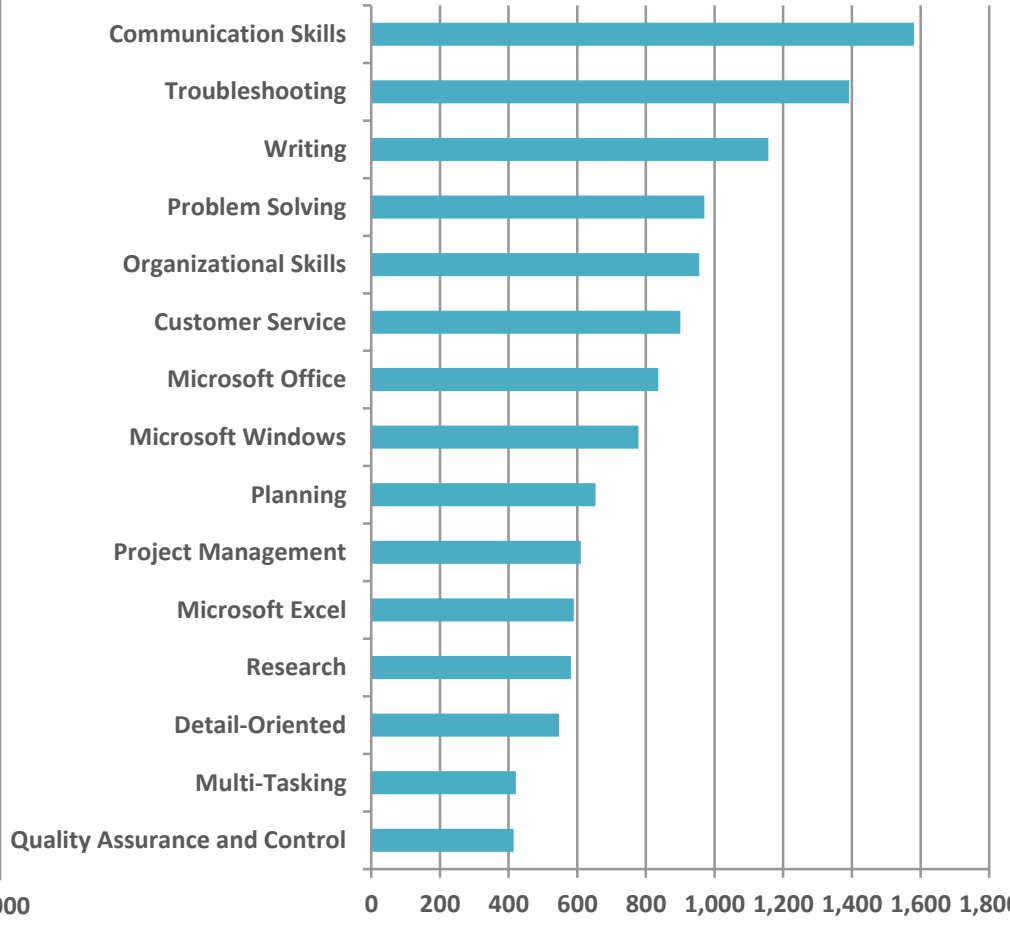
TECHNOLOGY: COMPUTER IT BA-

TOP SKILL CLUSTERS



Total Postings: Last 12 months (Dec '13-Dec '14)

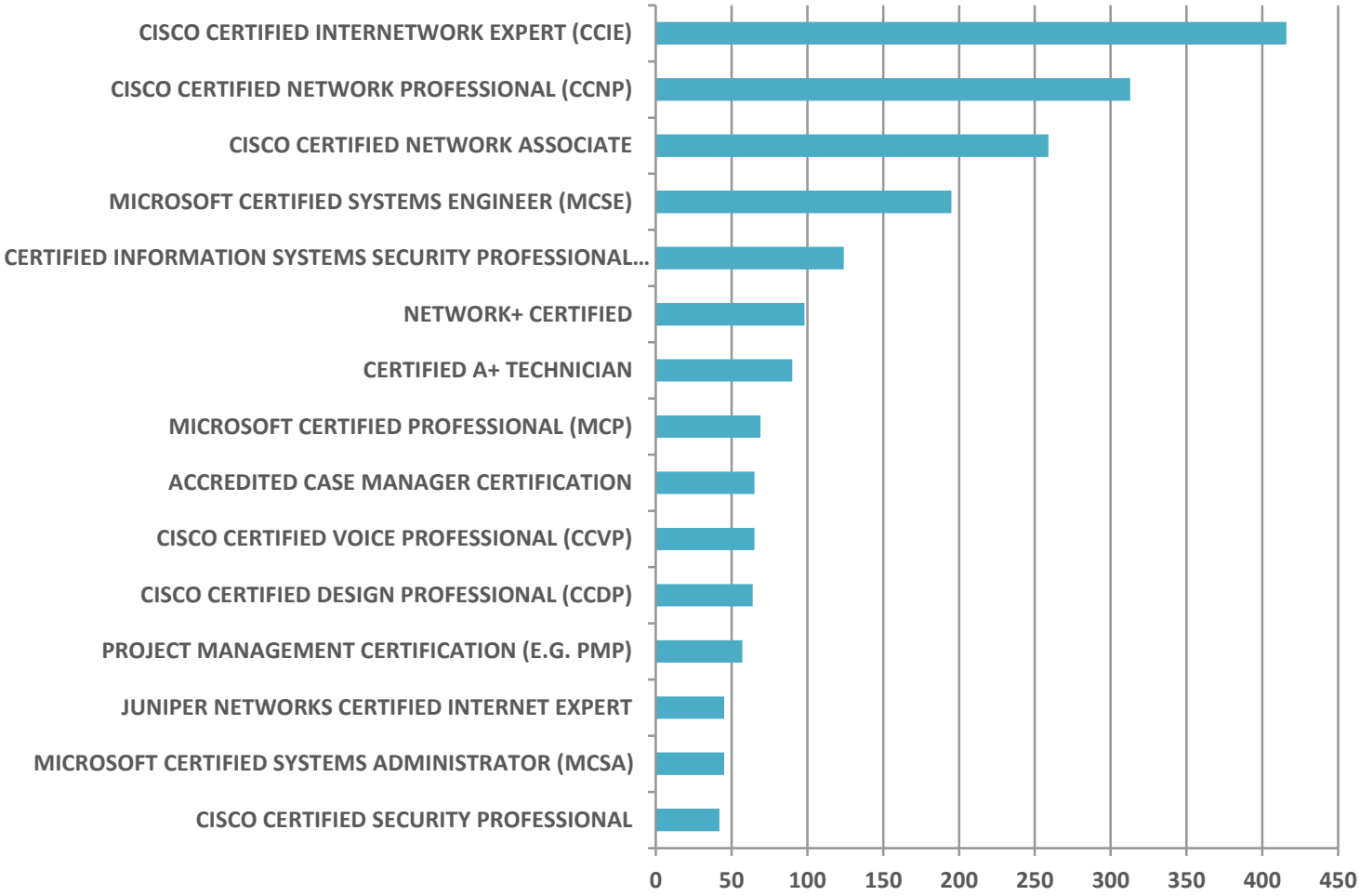
TOP BASELINE SKILLS



Total Postings: Last 12 months

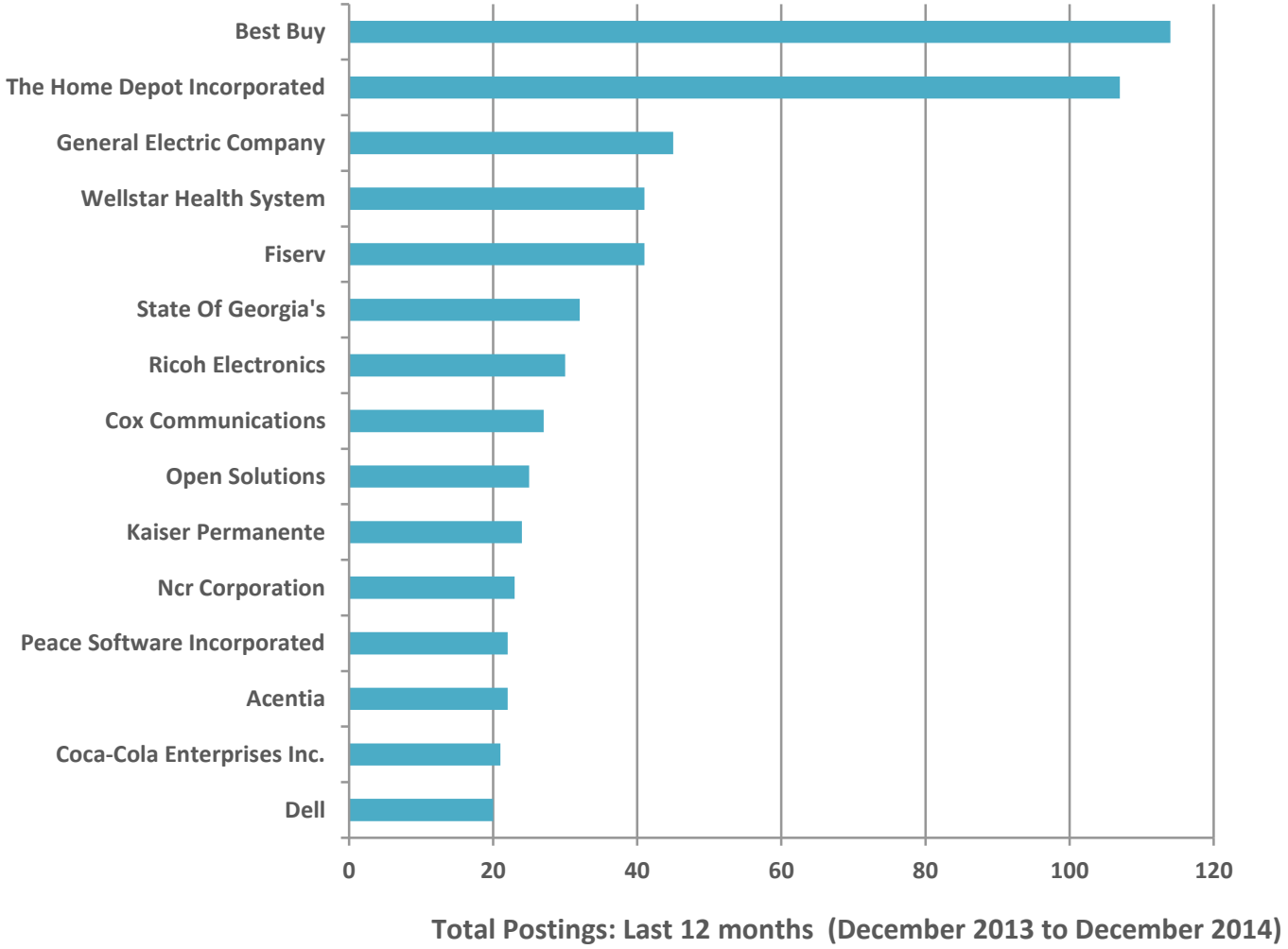
TECHNOLOGY: COMPUTER IT BA-

TOP CERTIFICATIONS



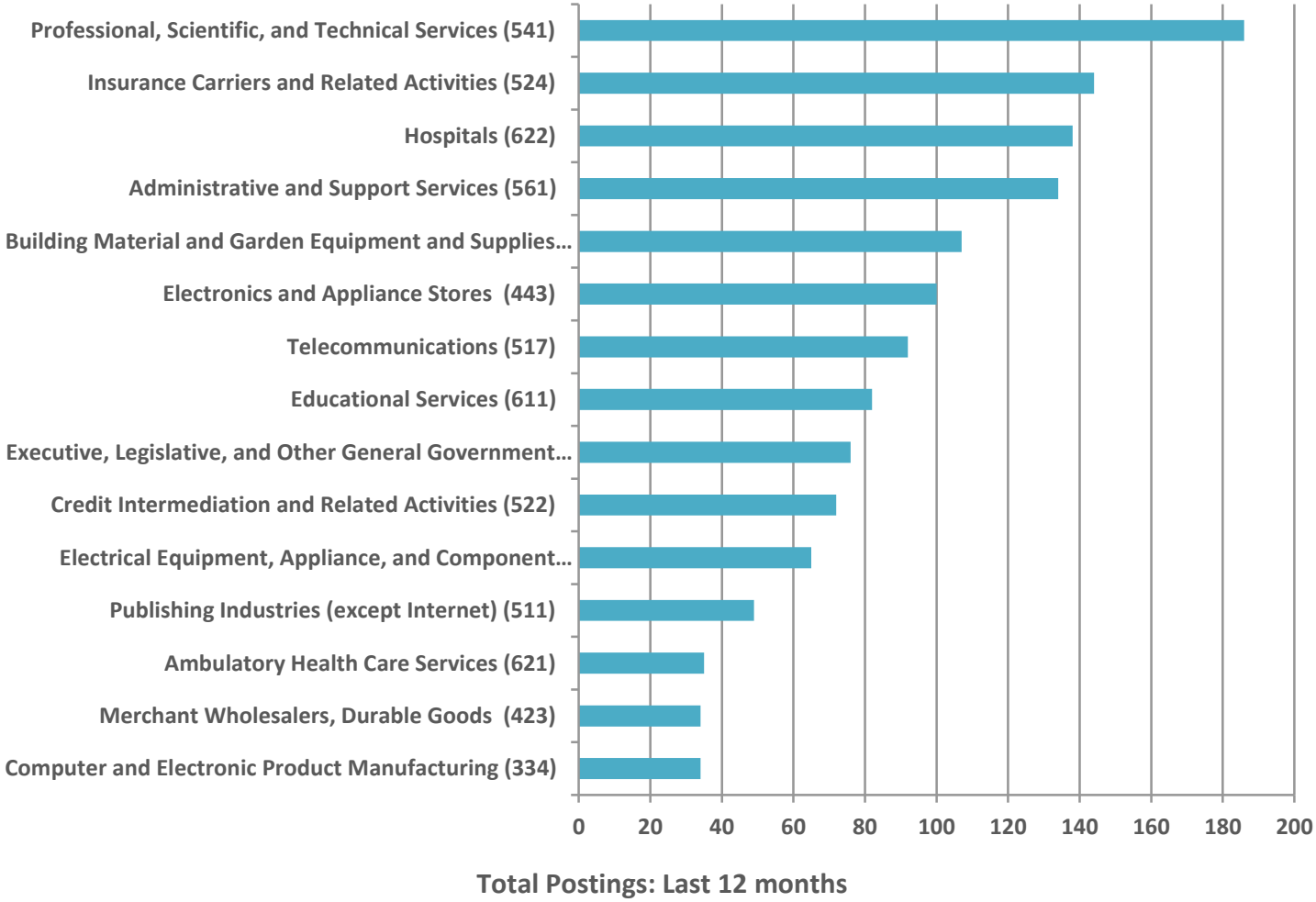
TECHNOLOGY: COMPUTER IT BA-

Top Employers



TECHNOLOGY: COMPUTER IT BA-

Top Industries



TECHNOLOGY: COMPUTER IT OVERALL

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

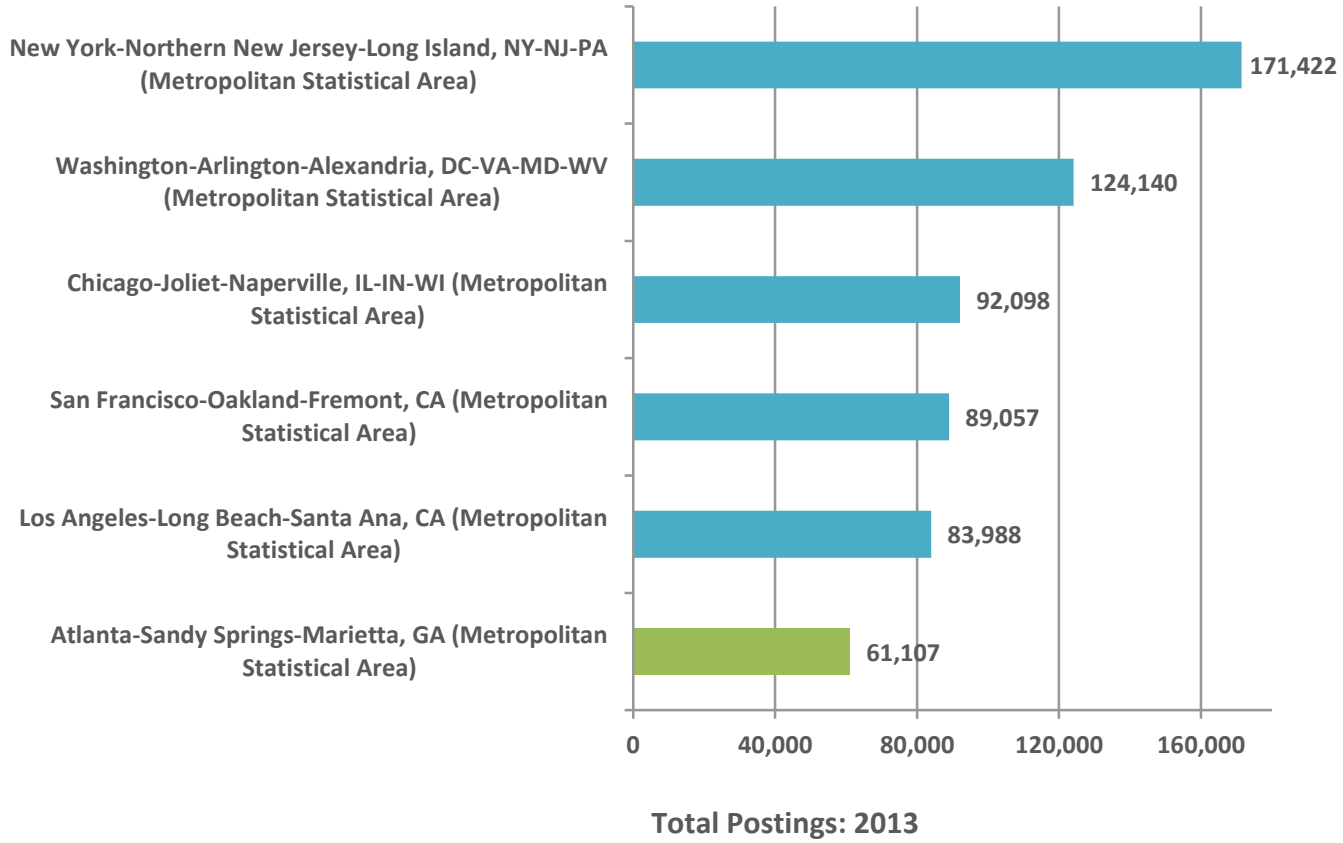
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

TECHNOLOGY: COMPUTER IT OVERALL

The overall "Computer IT" target industry group includes all postings in the Burning Glass *occupation* group of Computer IT.

TECHNOLOGY: COMPUTER IT OVERALL

Top 5 MSAs + Atlanta



Atlanta ranks 9th in the nation.

TECHNOLOGY: COMPUTER IT OVERALL

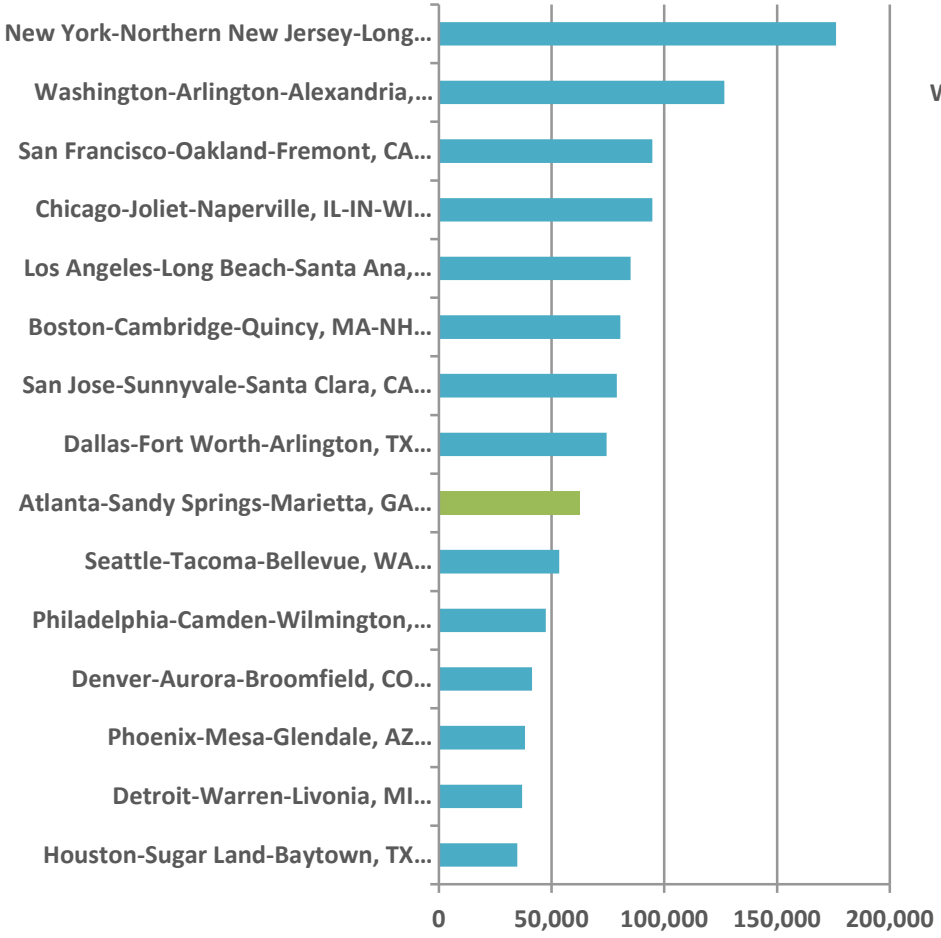
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 9th among MSAs in Computer IT postings, up from 10th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 37,608 in 2007 to 63,262 in 2013
  - This 68% increase compares to 29% growth in the nation on the whole
  - Atlanta's national share of Computer IT (overall) postings rose from 2.2% in 2007 to 2.9% in 2013
  - The 68% leads all of the top ranking five MSAs in this type of posting
- From 2010 to 2013, Computer IT (overall) postings in Atlanta have increased 41%
  - This compares to 32% growth in the nation on the whole
  - The 41% is a higher rate increase than four of the top five MSAs in this type of posting '00-'13, training only Boston-Cambridge MSA.

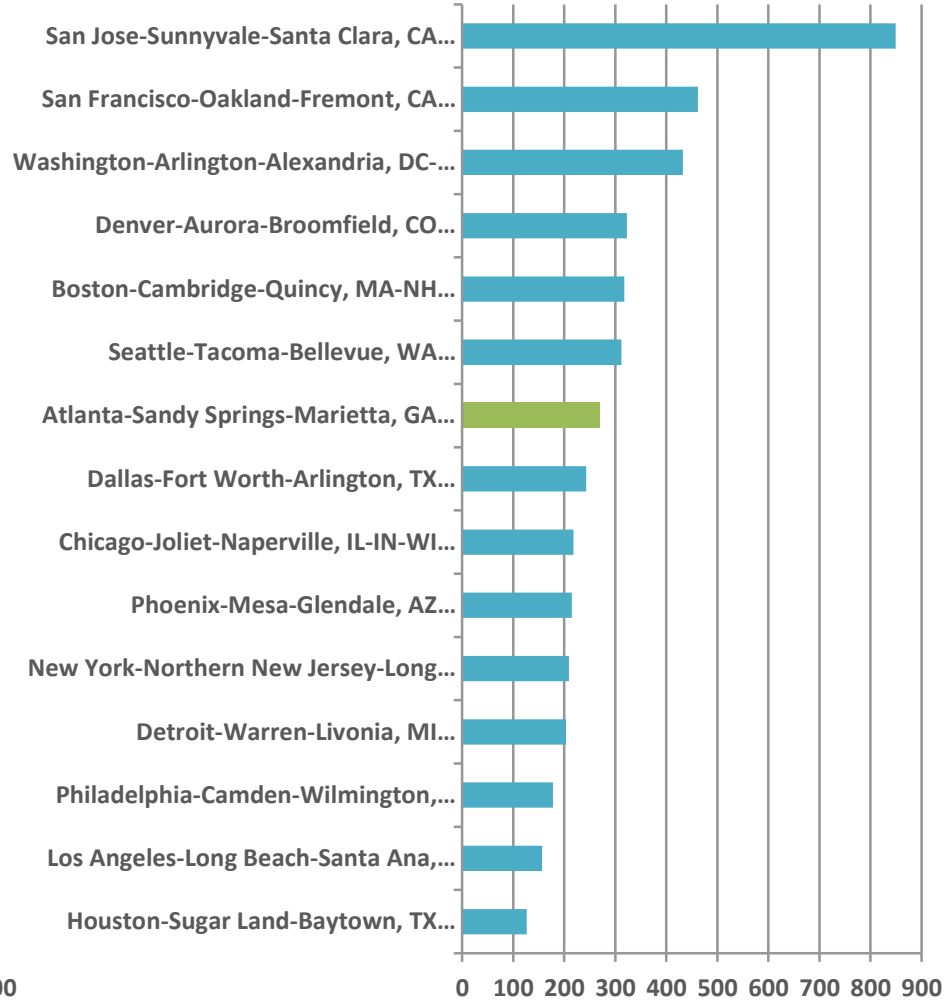
TECHNOLOGY: COMPUTER IT OVERALL

Top Locations by Ad Volume



Total Postings: Last 12 Months (December 2013 to December 2014)

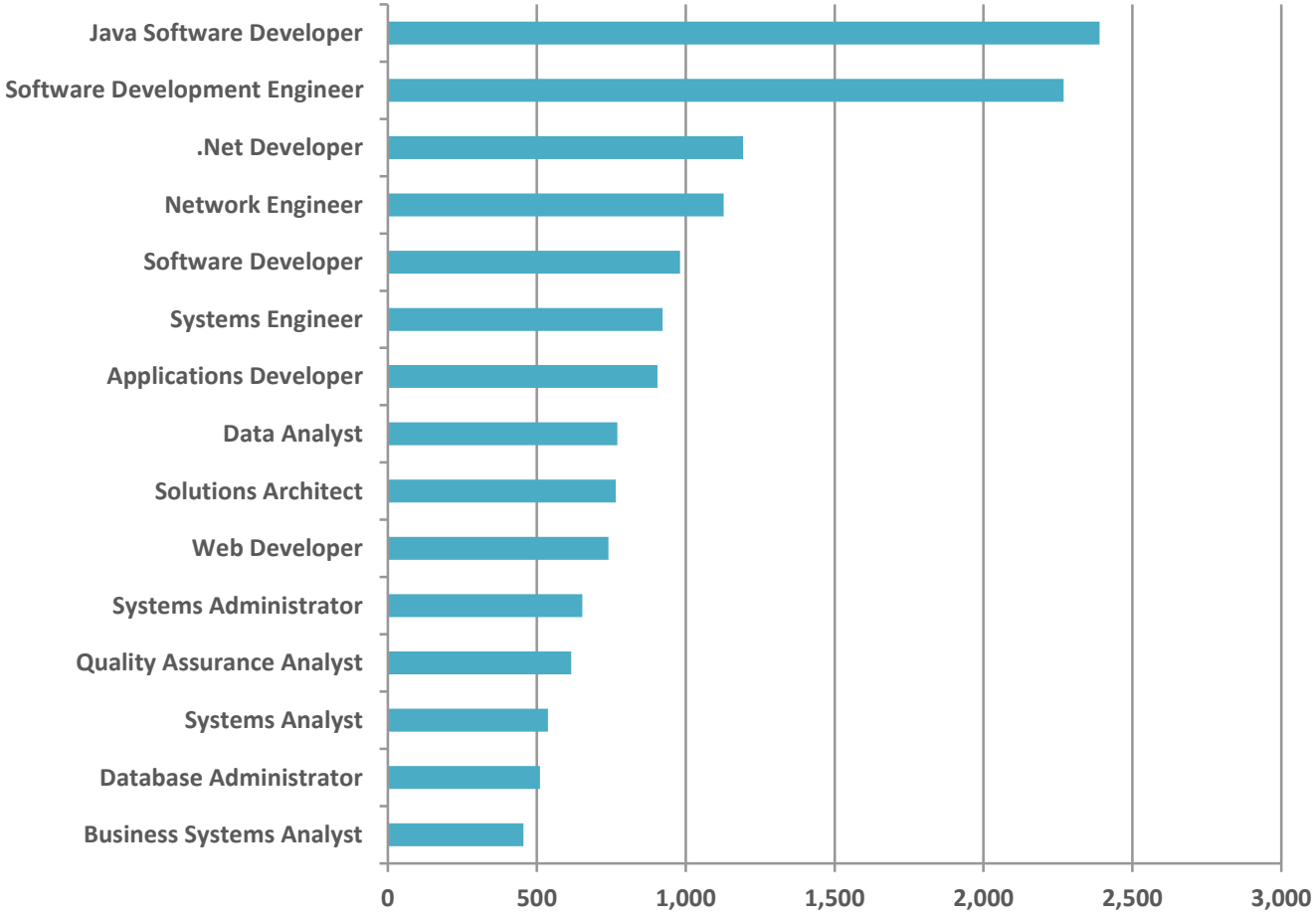
Postings Per Capita



Postings Per 10,000 Working-Age Residents: Last 12 months

TECHNOLOGY: COMPUTER IT OVERALL

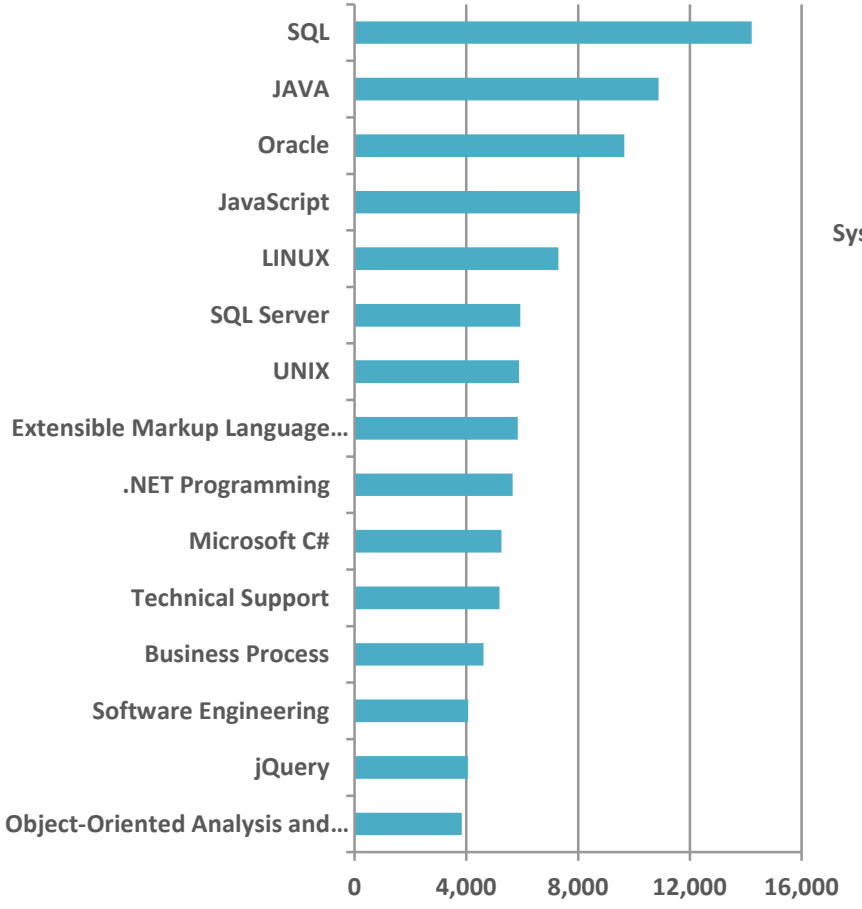
Top Titles

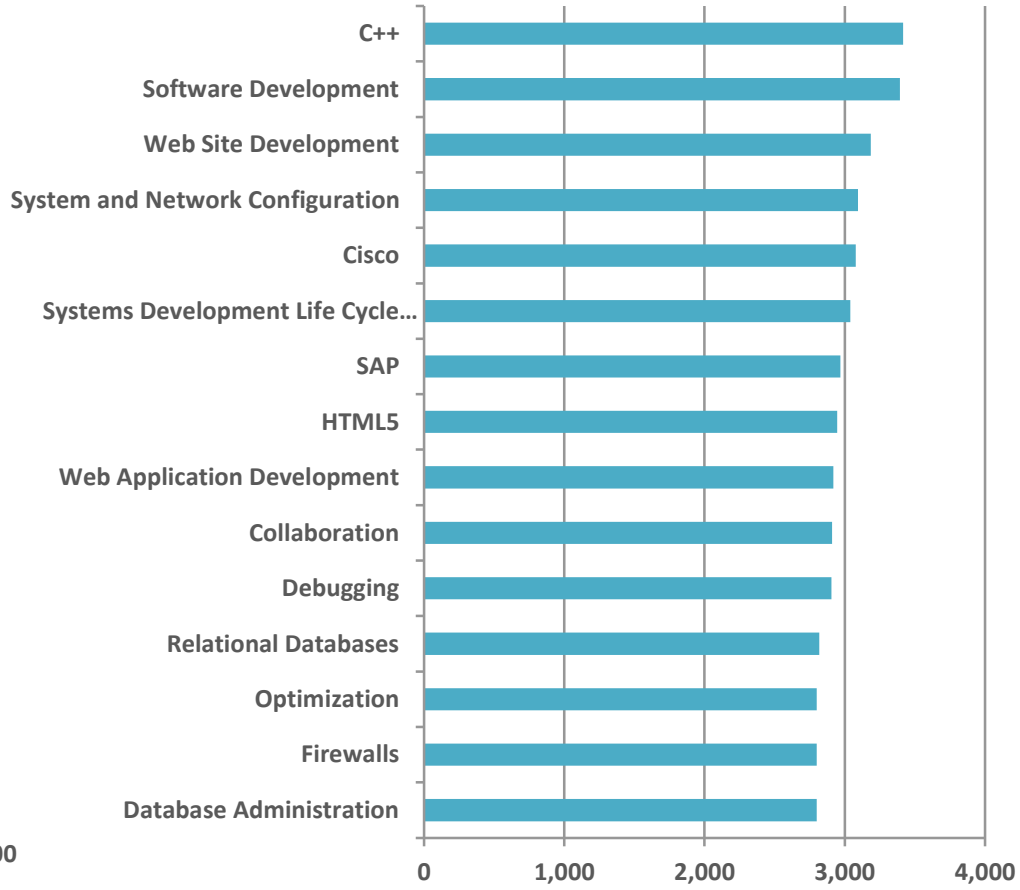


Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT OVERALL

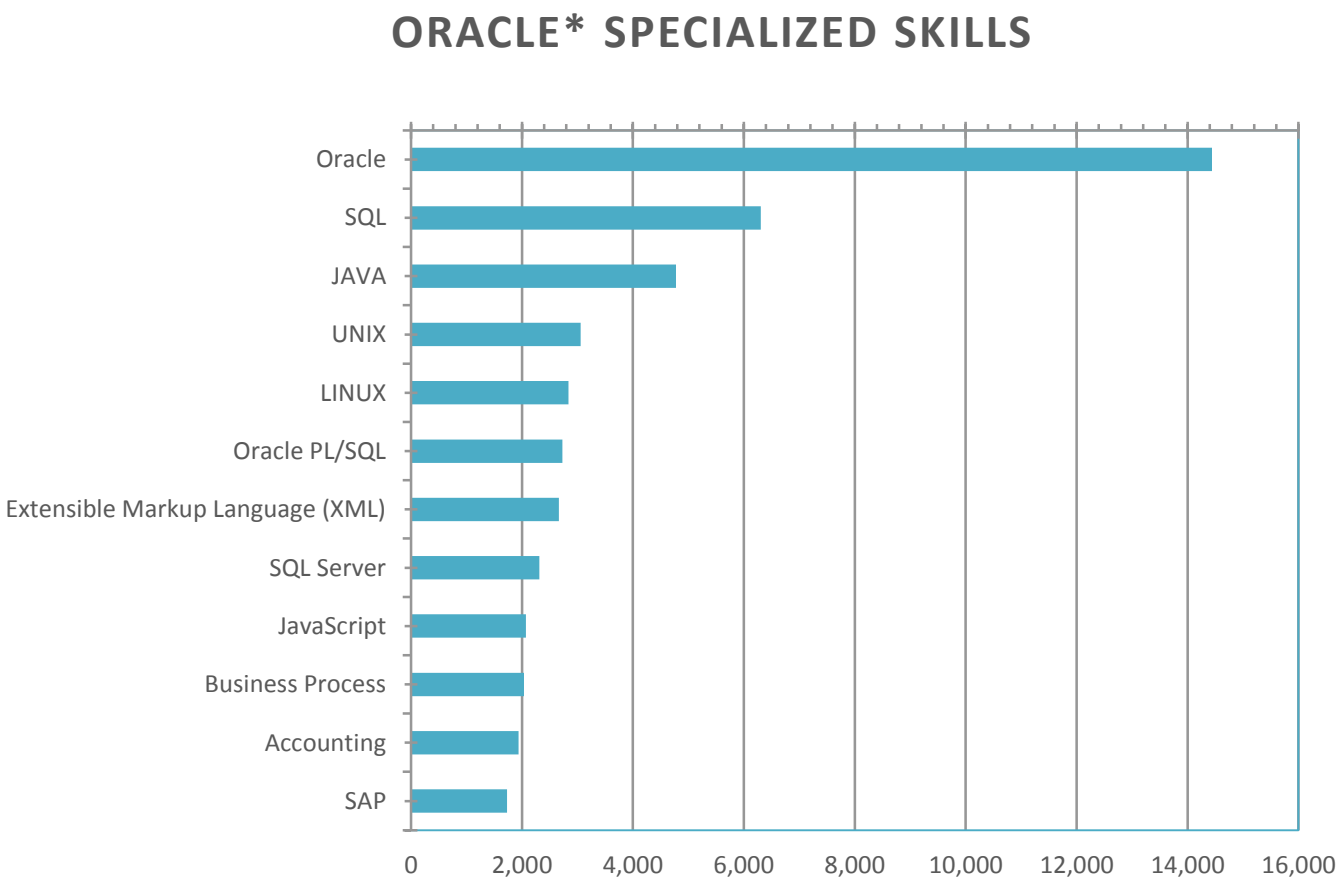
TOP SPECIALIZED SKILLS





Total Postings: Last 12 Months (December 2013 to December 2014)

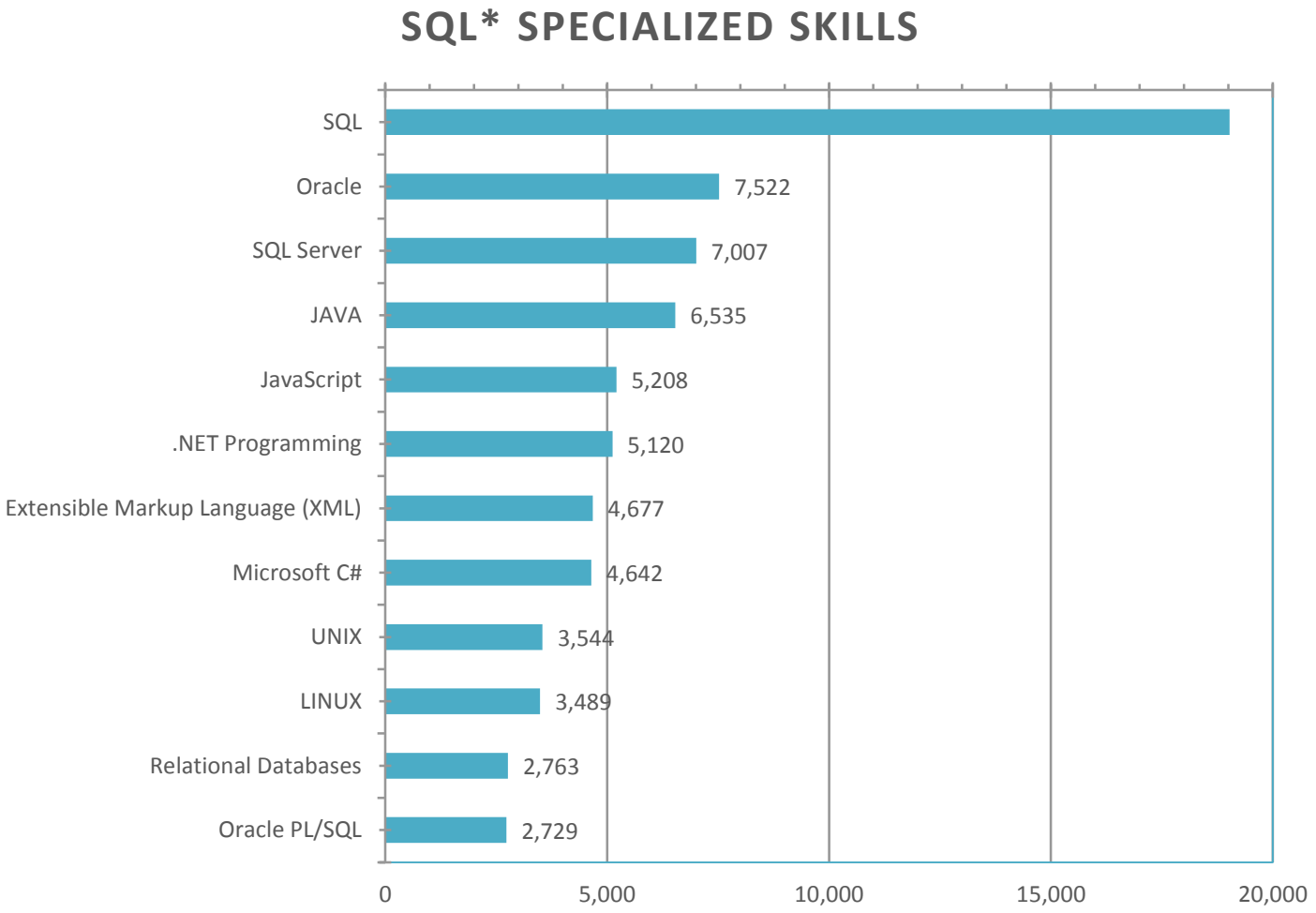
TECHNOLOGY: COMPUTER IT OVERALL



* Specialized skills that "co-appear" in postings asking for Oracle-related skills

Total Postings: Last 12 months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT OVERALL

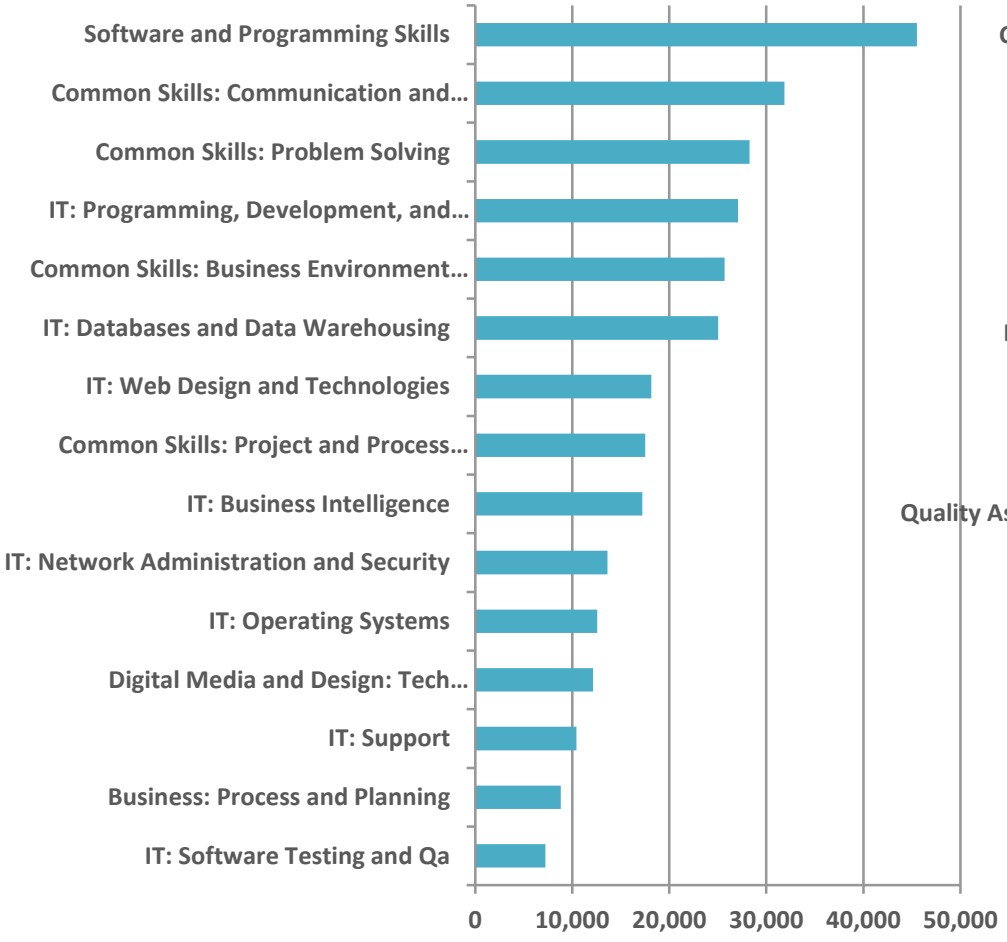


* Specialized skills that "co-appear" in postings asking for SQL-related skills

Total Postings: Last 12 months (December 2013 to December 2014)

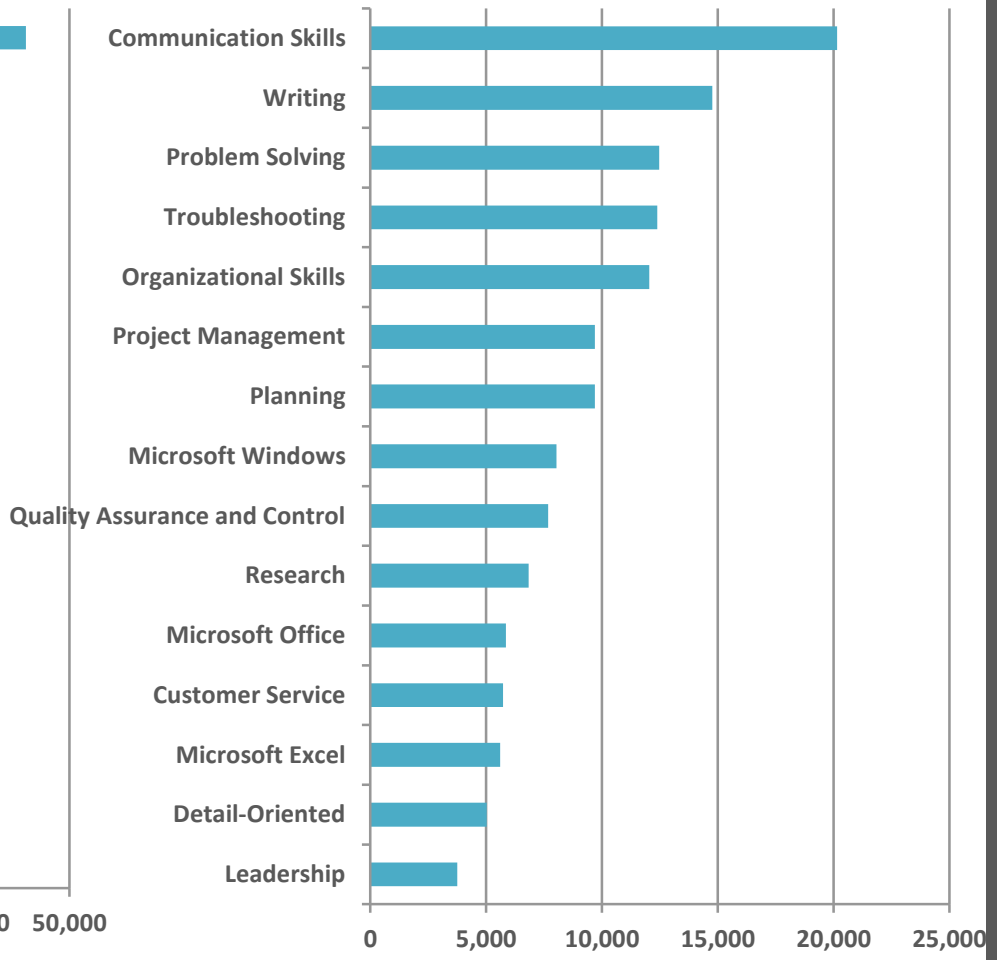
TECHNOLOGY: COMPUTER IT OVERALL

Top Skill Clusters



Total Postings: Last 12 Months (December 2013 to December 2014)

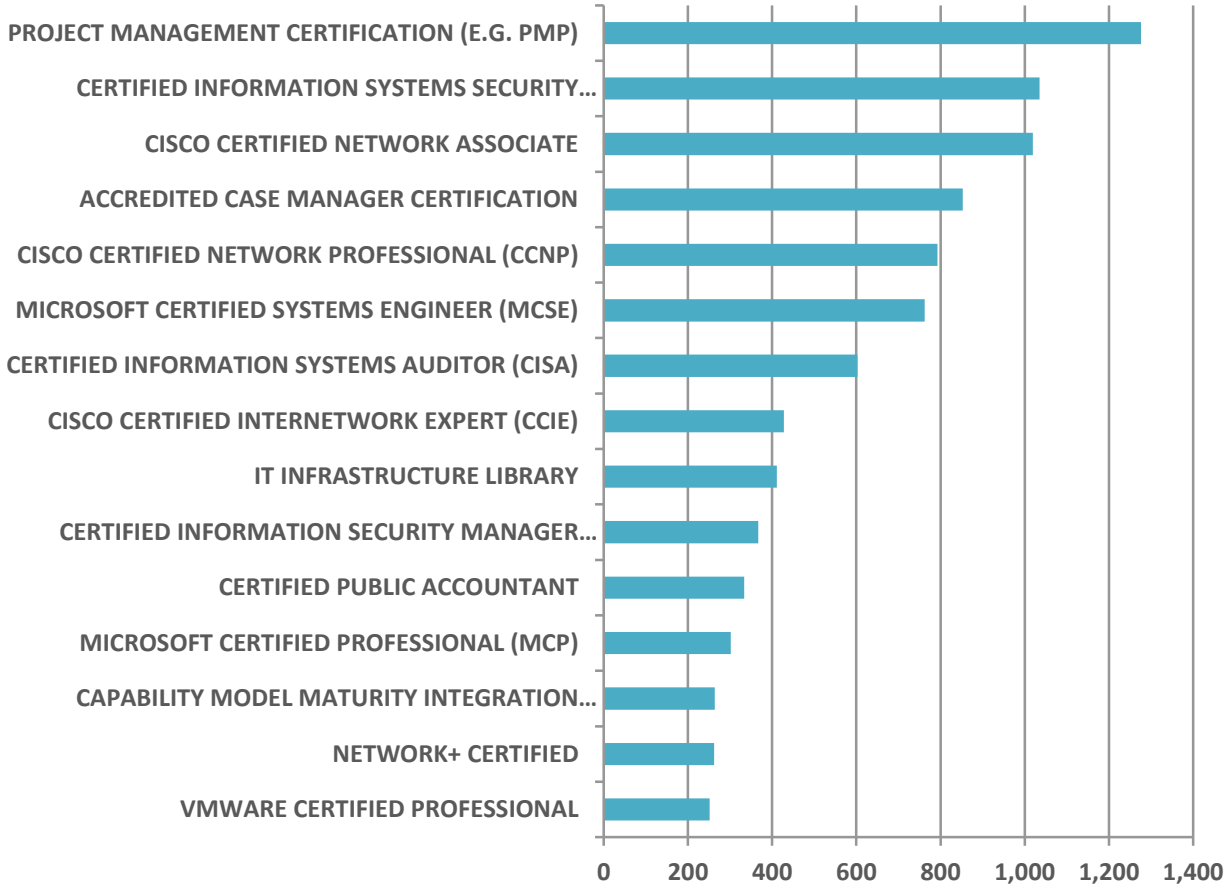
Top Baseline Skills



Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT OVERALL

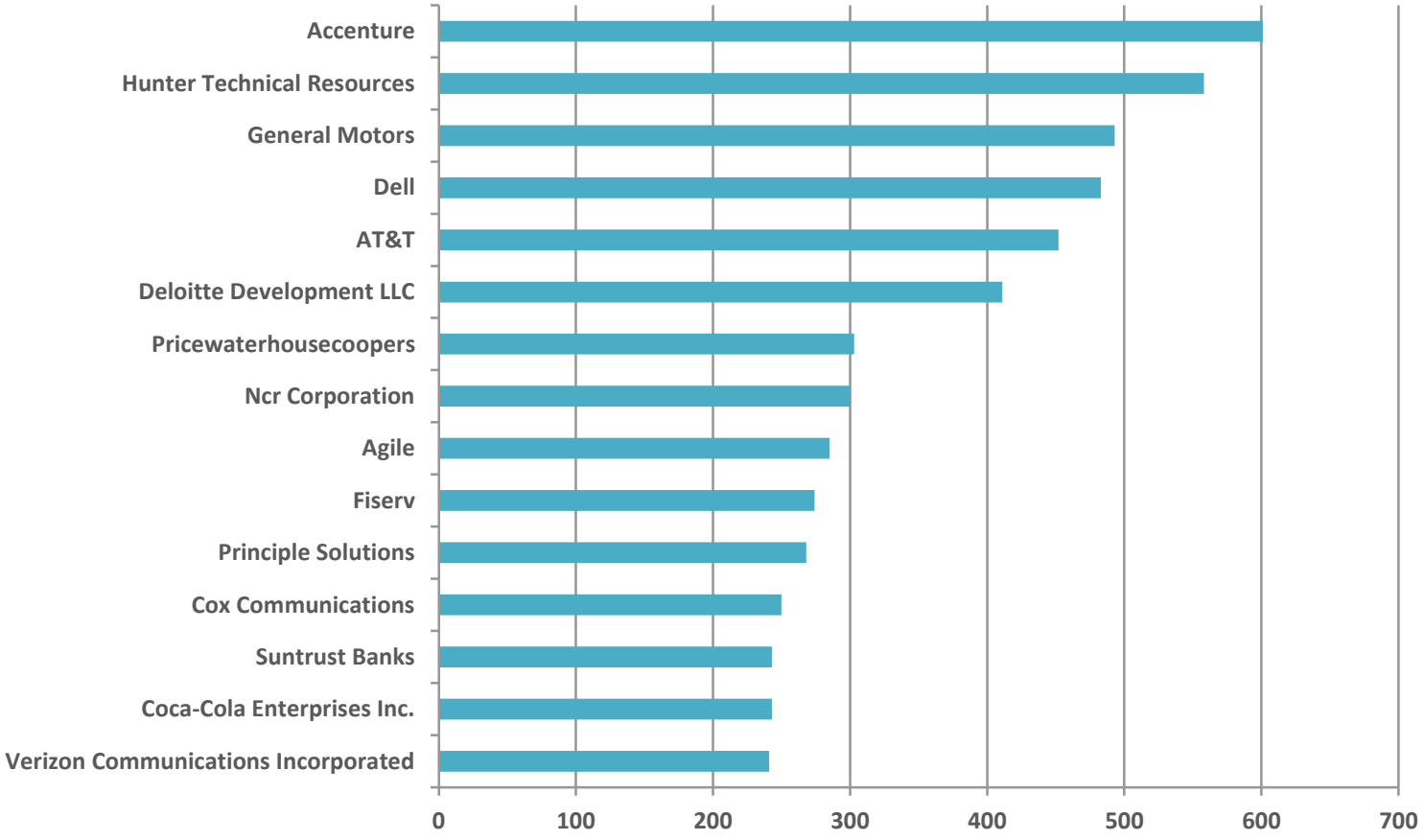
TOP CERTIFICATIONS



Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT OVERALL

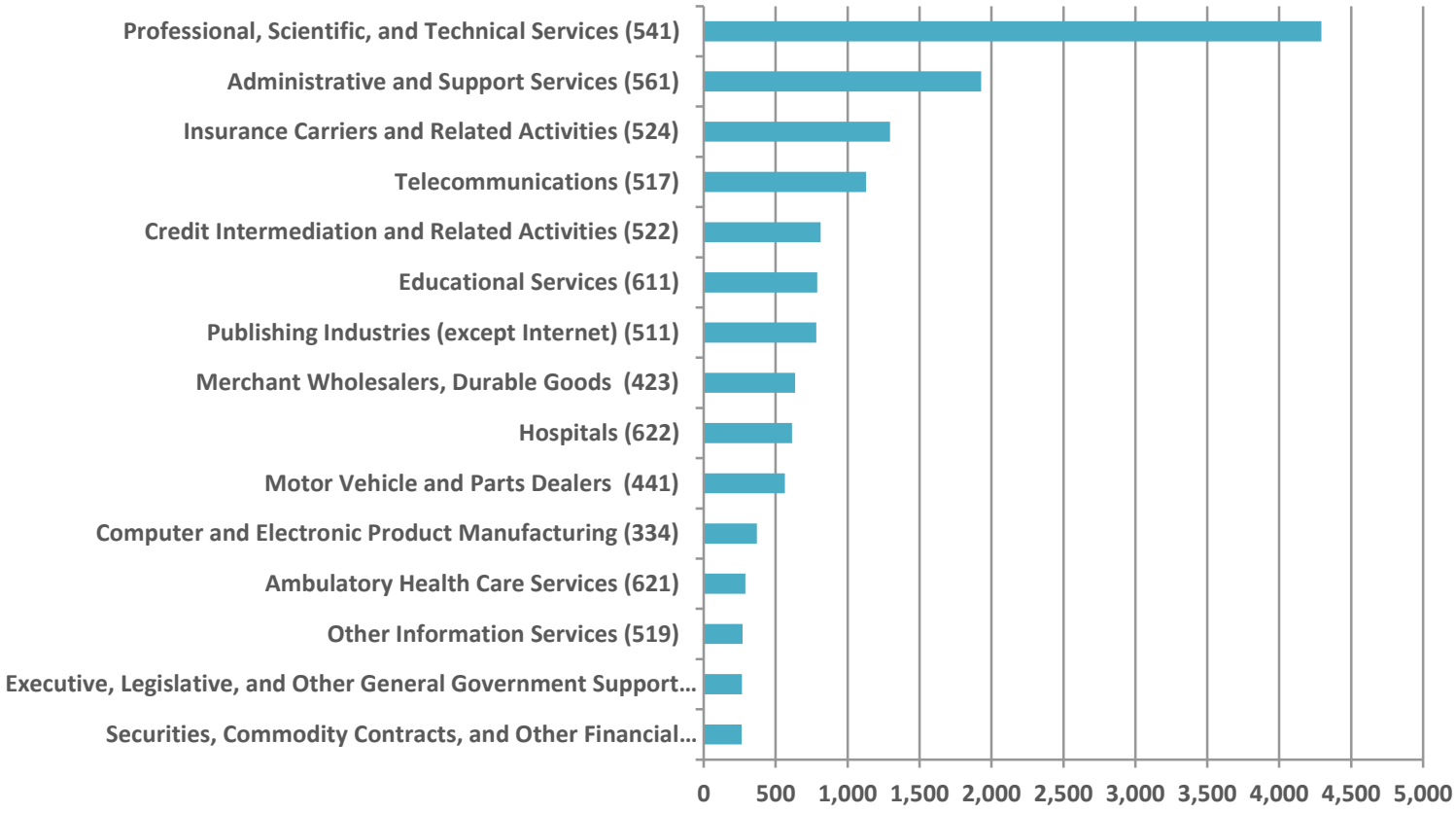
Top Employers



Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: COMPUTER IT OVERALL

Top Industries



Total Postings: Last 12 Months (December 2013 to December 2014)

TECHNOLOGY: SOFTWARE DEVELOPMENT

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

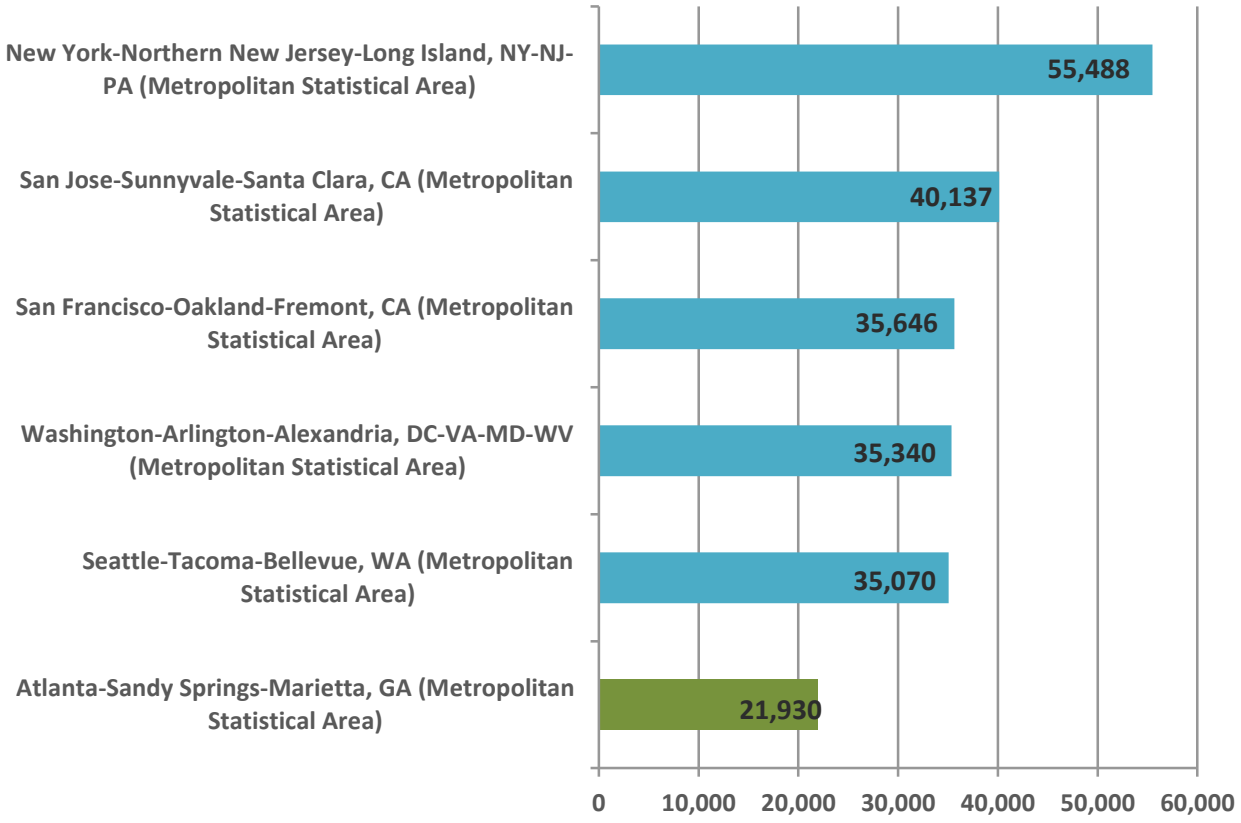
TECHNOLOGY: SOFTWARE DEVELOPMENT

Software Development

Software development postings cover the full range of roles that relate to the engineering and development of computer software. They include titles such as Software Engineers, System Engineers, Software Developers, and Applications Developers.

TECHNOLOGY: SOFTWARE DEVELOPMENT

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 10th in the nation.

Total Postings: Last 12 Months

TECHNOLOGY: SOFTWARE DEVELOPMENT

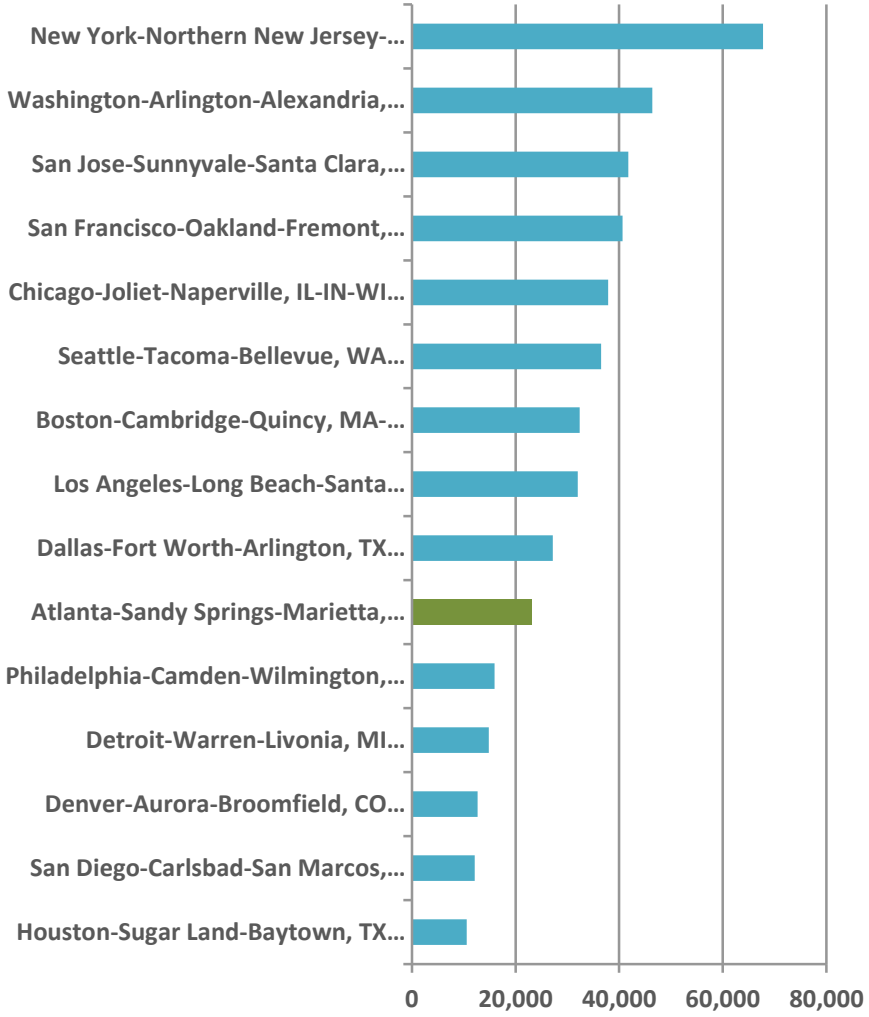
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 10th among MSAs in software development postings, up from 11th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 12,127 in 2007 to 21,930 in 2013
  - This 81% increase compares to 32% growth in the nation on the whole
  - Atlanta's national share of software development jobs increased from 2.5% in 2007 to 3.4% in 2013
  - The 81% is higher than any of the top five MSAs in this type of posting
- From 2010 to 2013, software development postings in Atlanta have increased 23%
  - This compares to 5.7% growth in the nation on the whole
  - The 23% is higher than all but Seattle among the top five MSAs in this type of posting

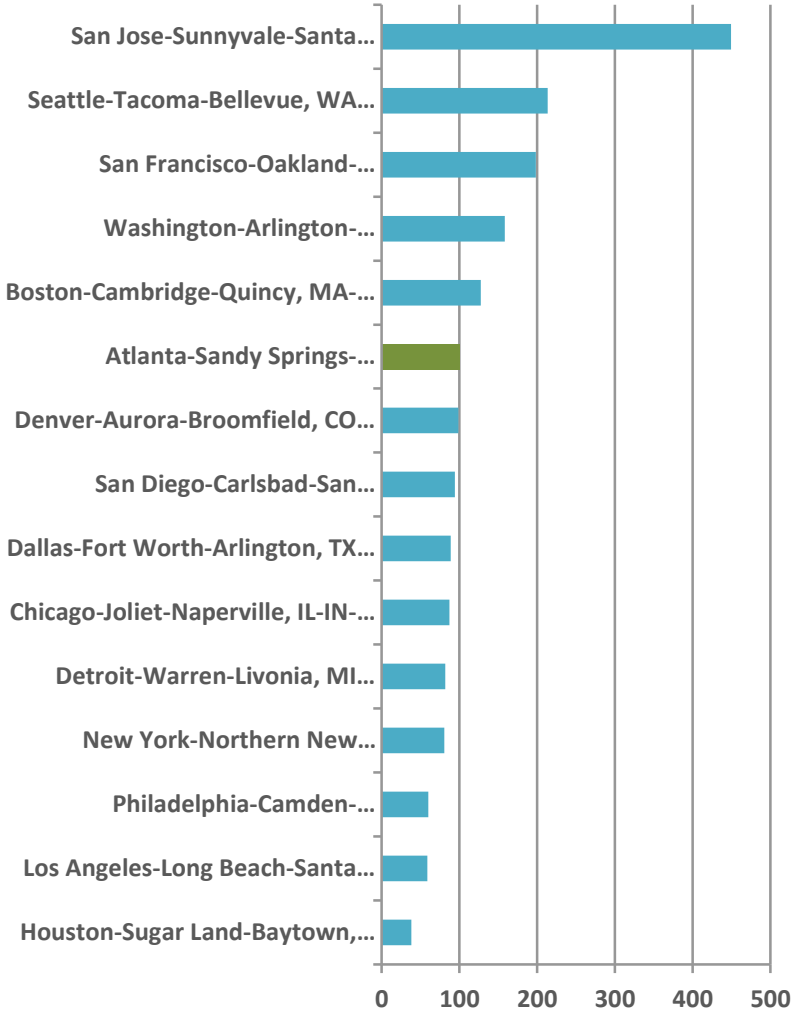
TECHNOLOGY: SOFTWARE DEVELOPMENT

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

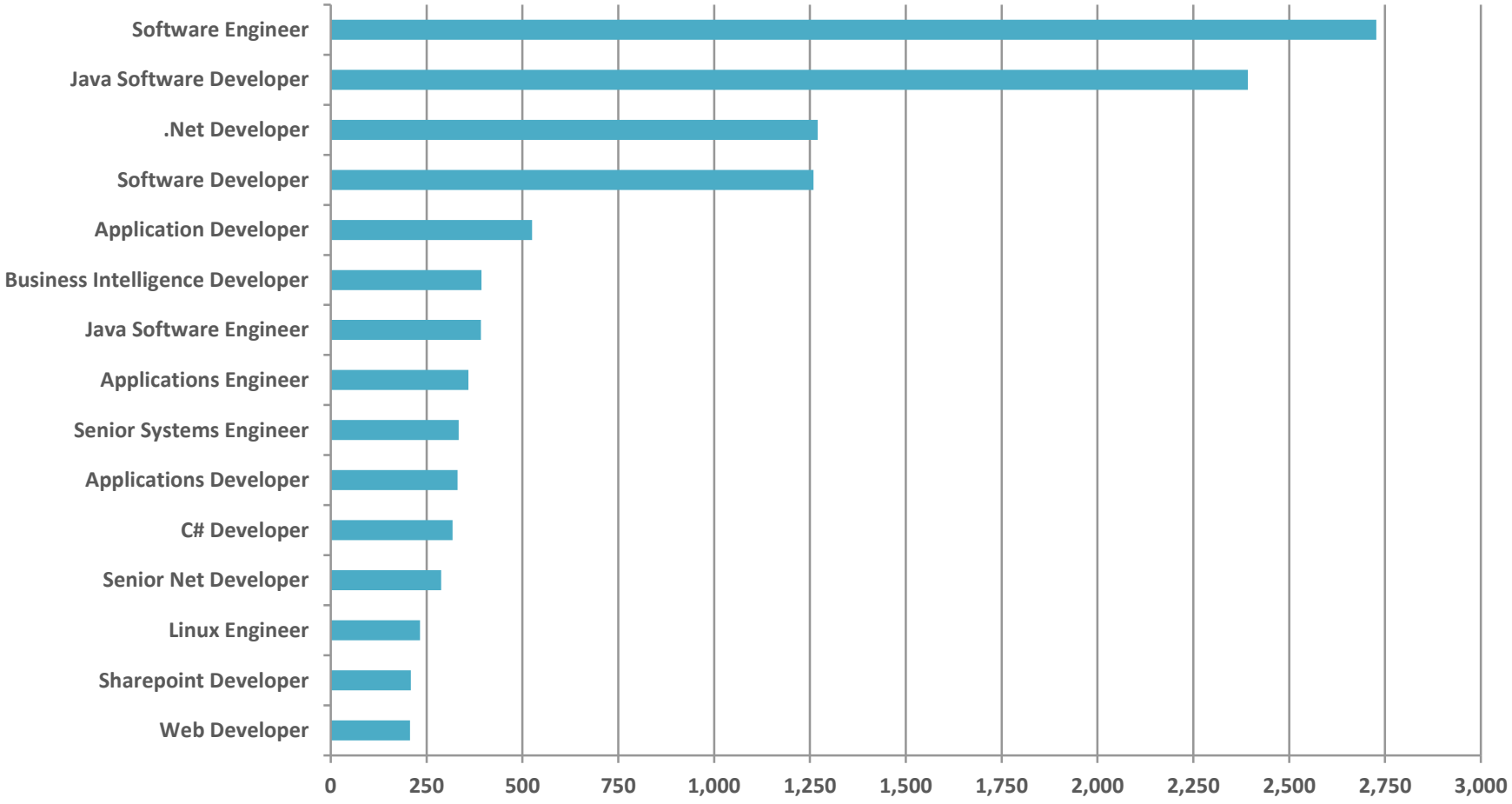
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

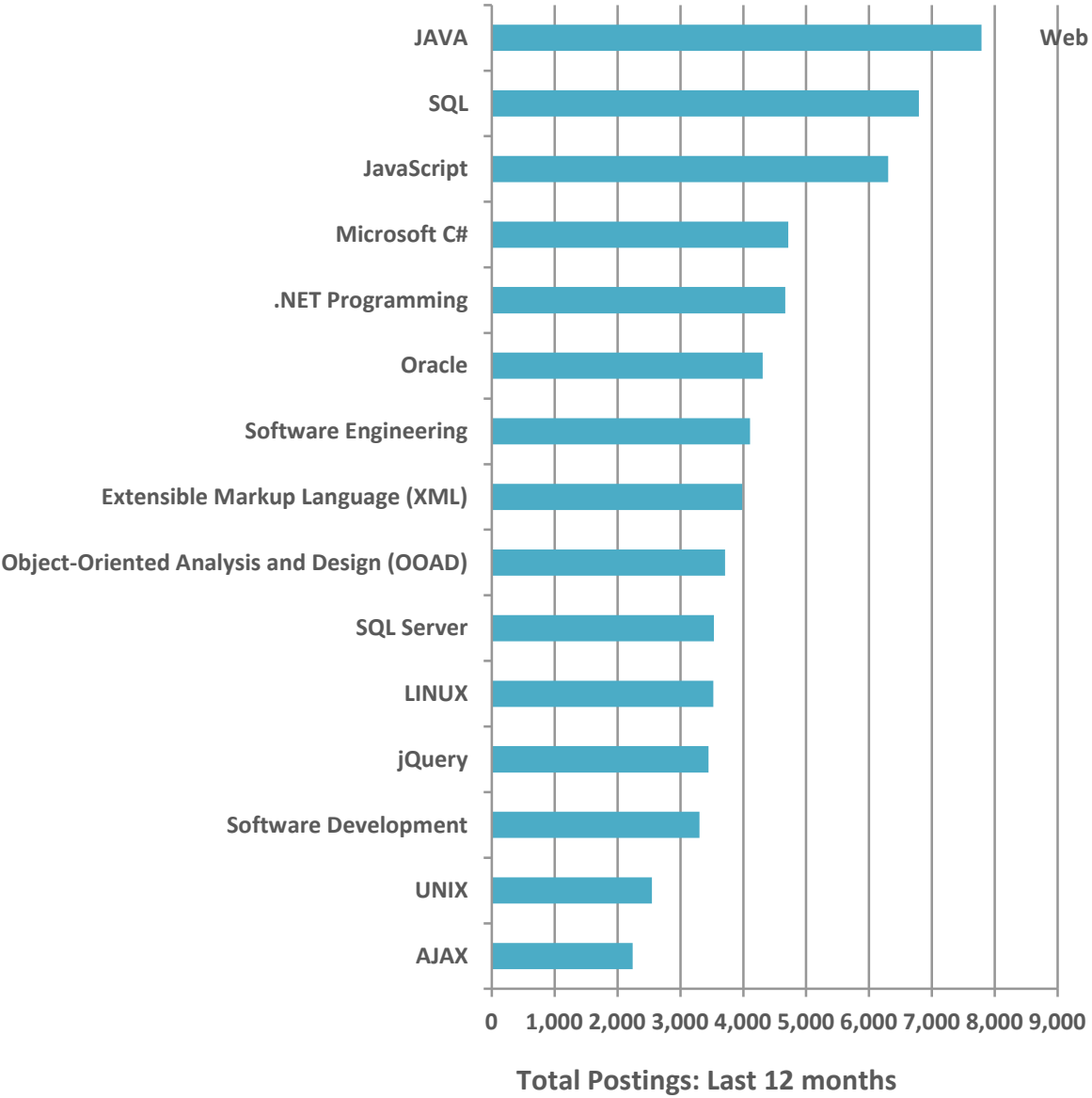
TECHNOLOGY: SOFTWARE DEVELOPMENT

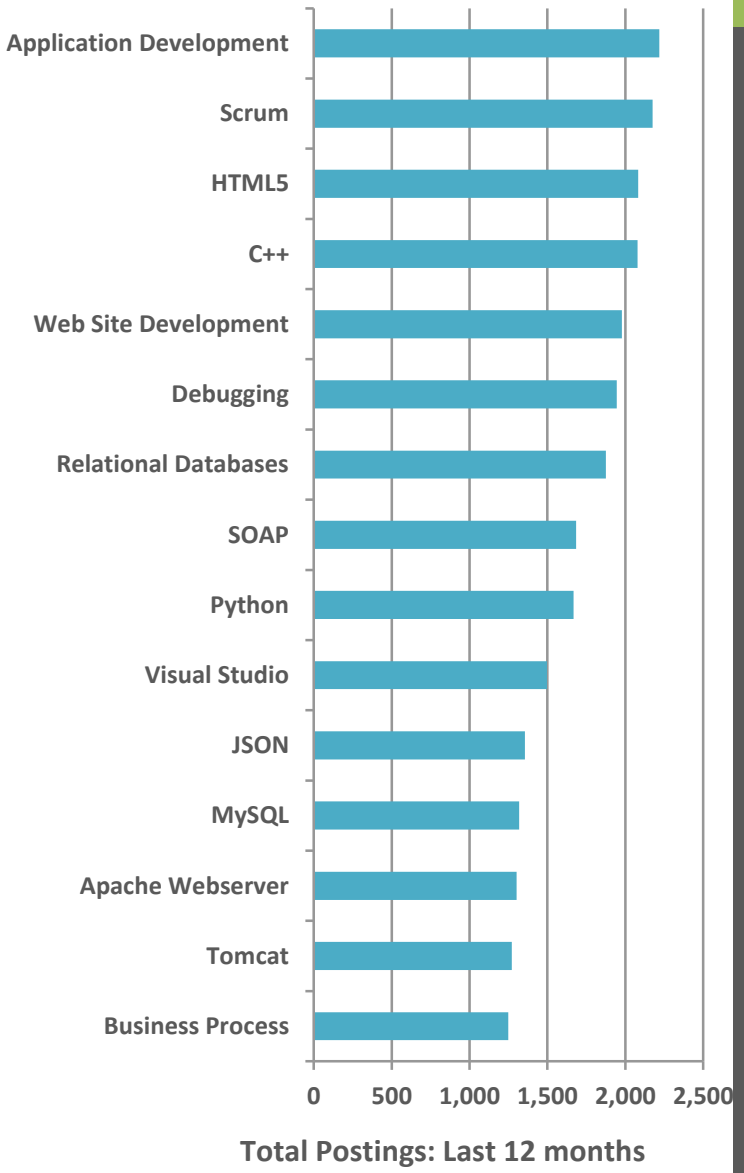
Top Titles



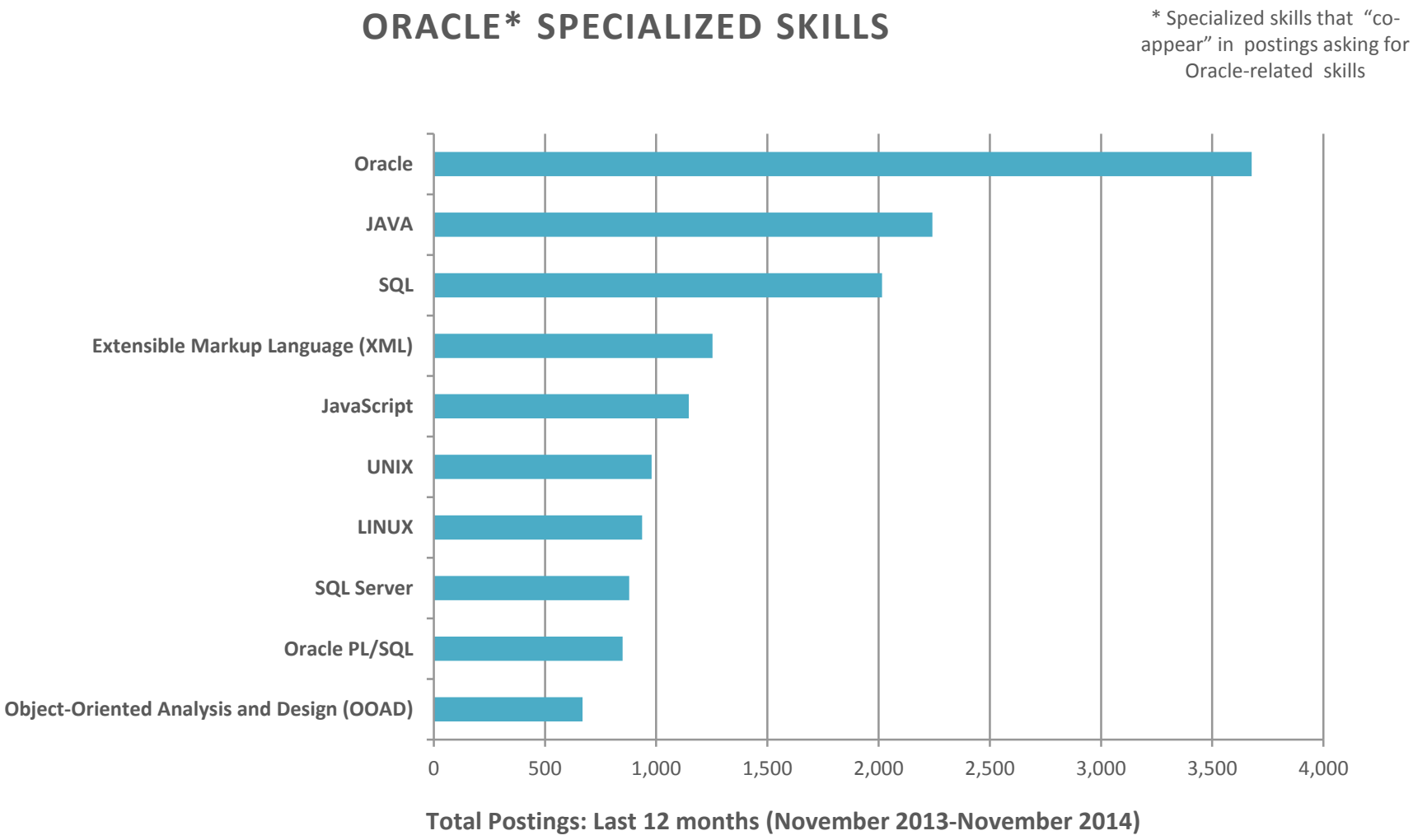
TECHNOLOGY: SOFTWARE DEVELOPMENT

TOP SPECIALIZED SKILLS





TECHNOLOGY: SOFTWARE DEVELOPMENT



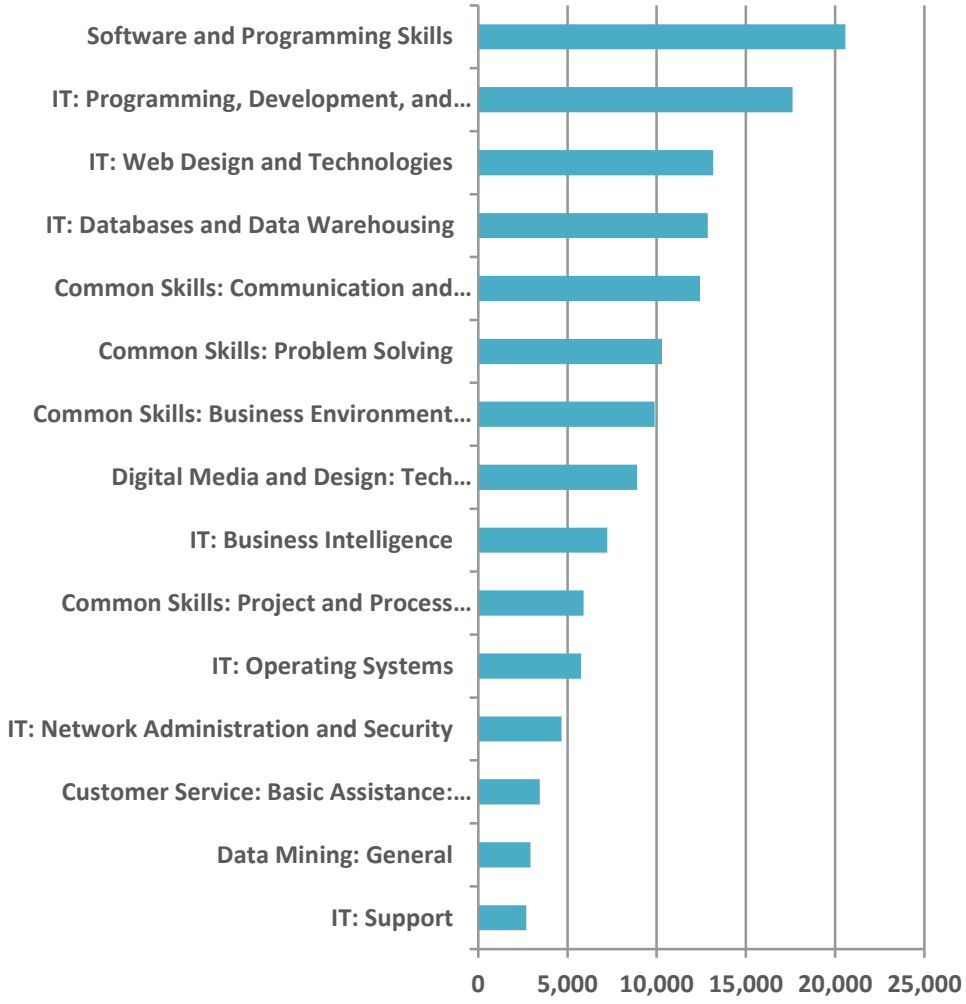
TECHNOLOGY: SOFTWARE DEVELOPMENT

* Specialized skills that "co-appear" in postings asking for SQL-related skills

Total Postings: Last 12 months (November 2013-November 2014)

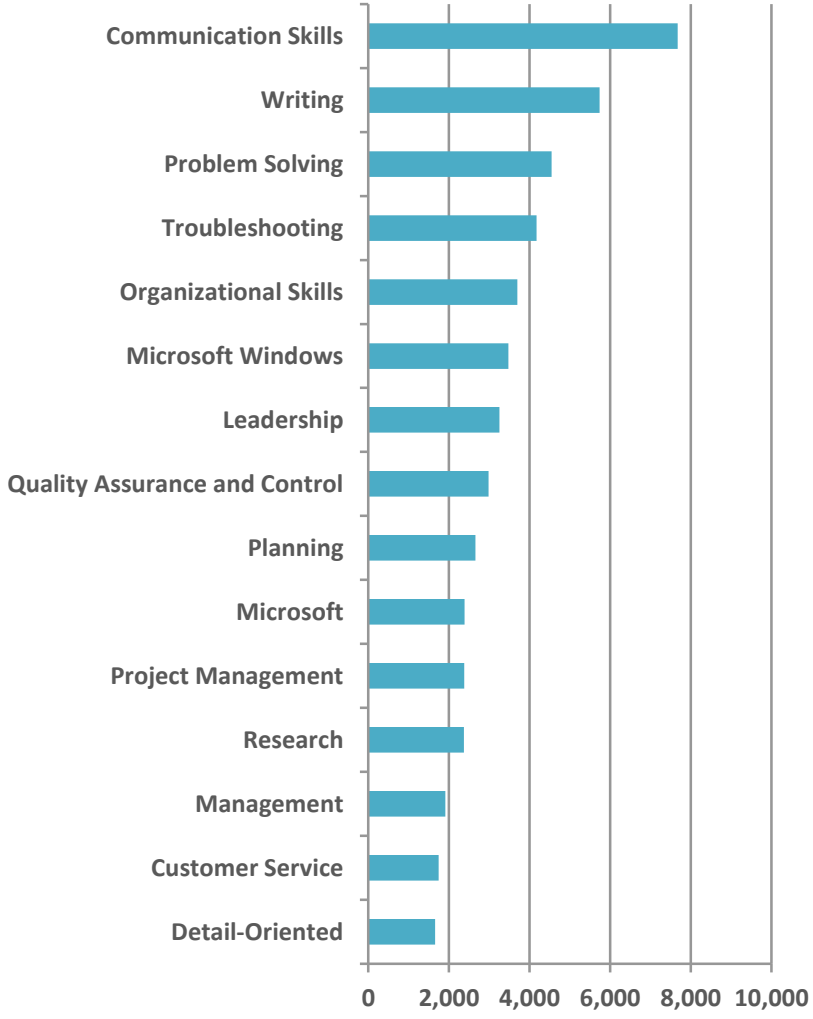
TECHNOLOGY: SOFTWARE DEVELOPMENT

TOP SKILL CLUSTERS



Total Postings: Last 12 months

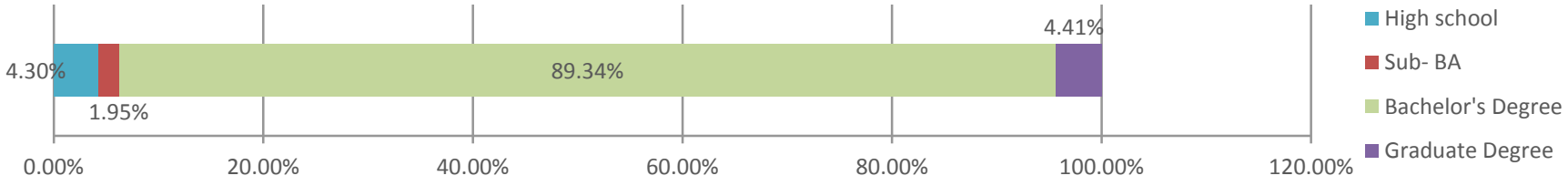
TOP BASELINE SKILLS



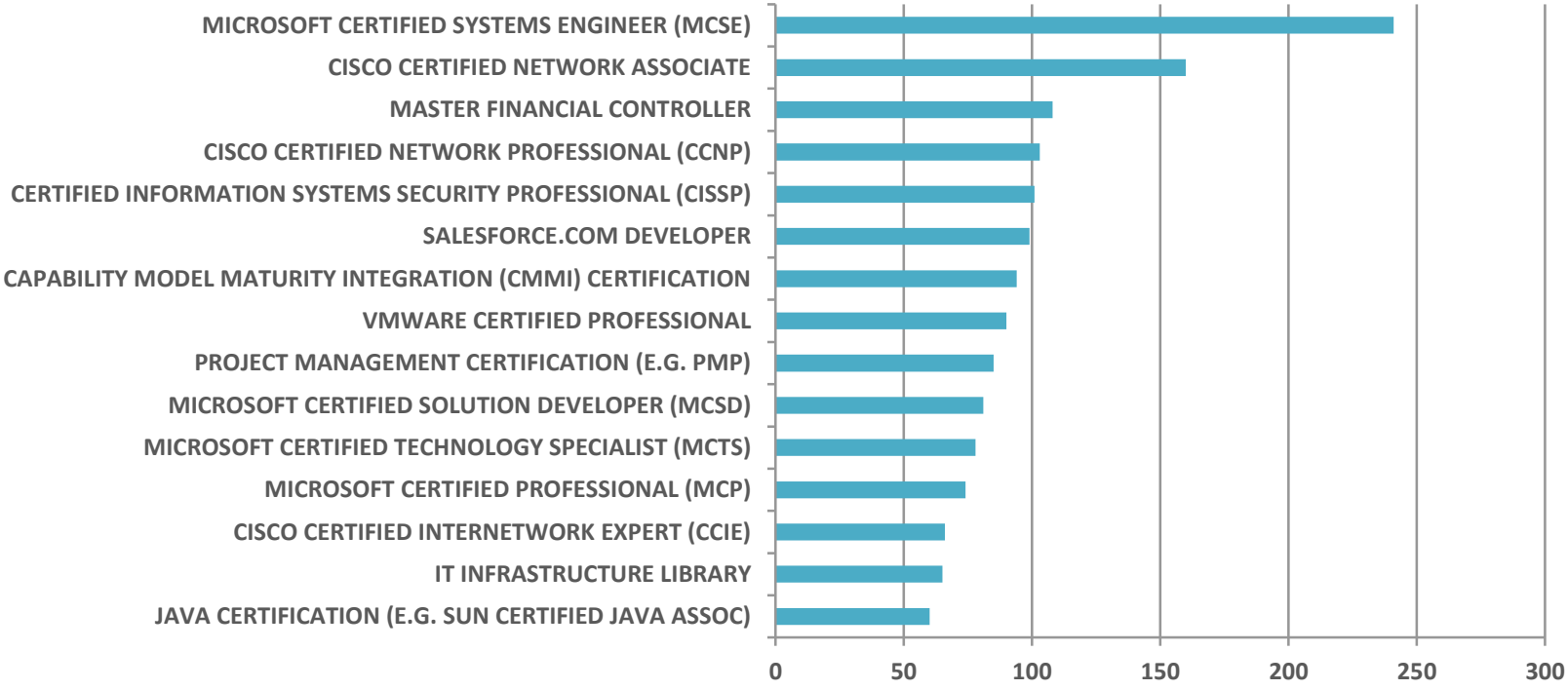
Total Postings: Last 12 months

TECHNOLOGY: SOFTWARE DEVELOPMENT

MINIMUM EDUCATIONAL REQUIREMENTS



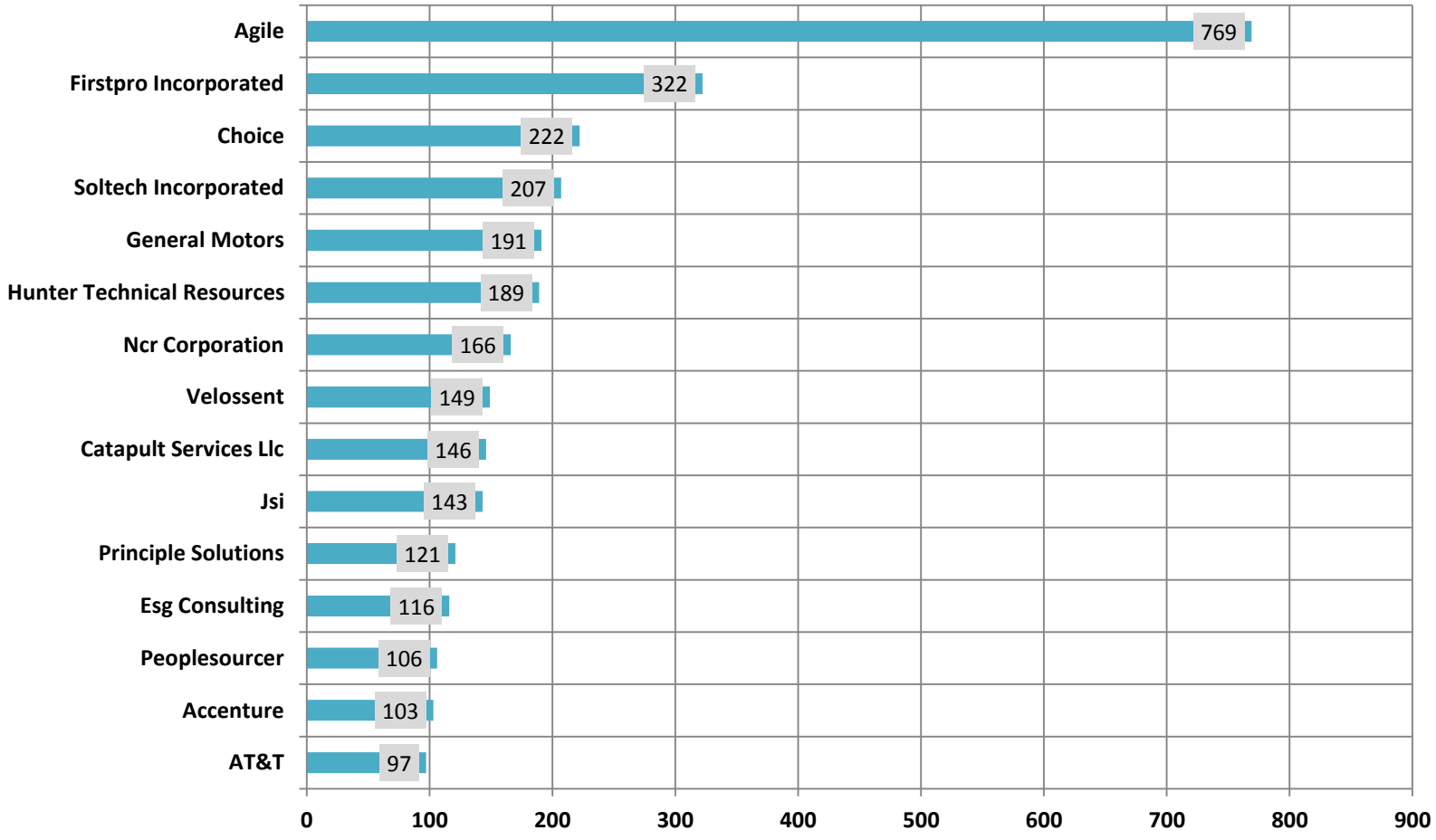
TOP CERTIFICATIONS



Total Postings: Last 12 months

TECHNOLOGY: SOFTWARE DEVELOPMENT

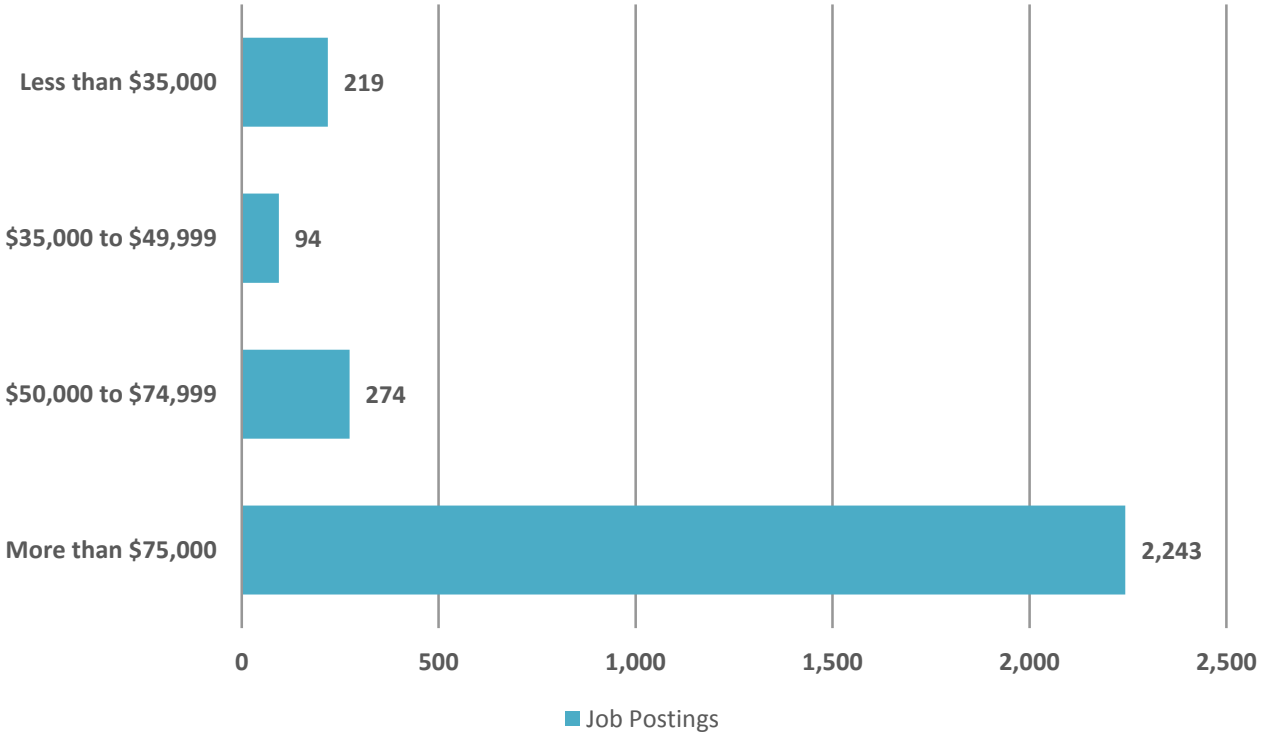
Top Employers



Total Postings: Last 12 months

TECHNOLOGY: SOFTWARE DEVELOPMENT

Salaries



Total Postings: Last 12 months (December 2013-December 2014)

Note: Only a very small number of postings across most industries include salary information

TECHNOLOGY: SOFTWARE DEVELOPMENT

Summary Table Comparisons

Occupation	Real Time Job Postings	Advertised Mean Salary	% Real Time Postings Requiring High School (Excluding N/A)	% Real Time Job Postings Requiring Post-Secondary or Associate's Degree (Excluding N/A)	% Real Time Job Postings Requiring Bachelor's Degree (Excluding N/A)	% Real Time Job Postings Requiring Graduate or Professional Degree (Excluding N/A)	% Real Time Job Postings with Unspecified Education	% of 2011 Job Holders With a High School Diploma or Less (ACS)	% of 2011 Job Holders With Some College or An Associate's (ACS)	% of 2011 Job Holders With a Bachelor's or Higher (ACS)	2013 Mean Salary according to BLS	2013 Employment	2012-2013 Percentage Change in Employment	Projected national change in employment, 2012-2022
Software Developers, Applications	18,811	$95,559	4%	2%	95%	19%	46%	3%	15%	82%	$88,940	14,590	37%	22.8%
Software Developers, Systems Software	2,178	$93,718	11%	3%	97%	14%	45%	3%	15%	82%	$98,830	9,800	5%	20.4%

Total Postings: Last 12 months (December '13 to December '14)

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
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Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
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Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

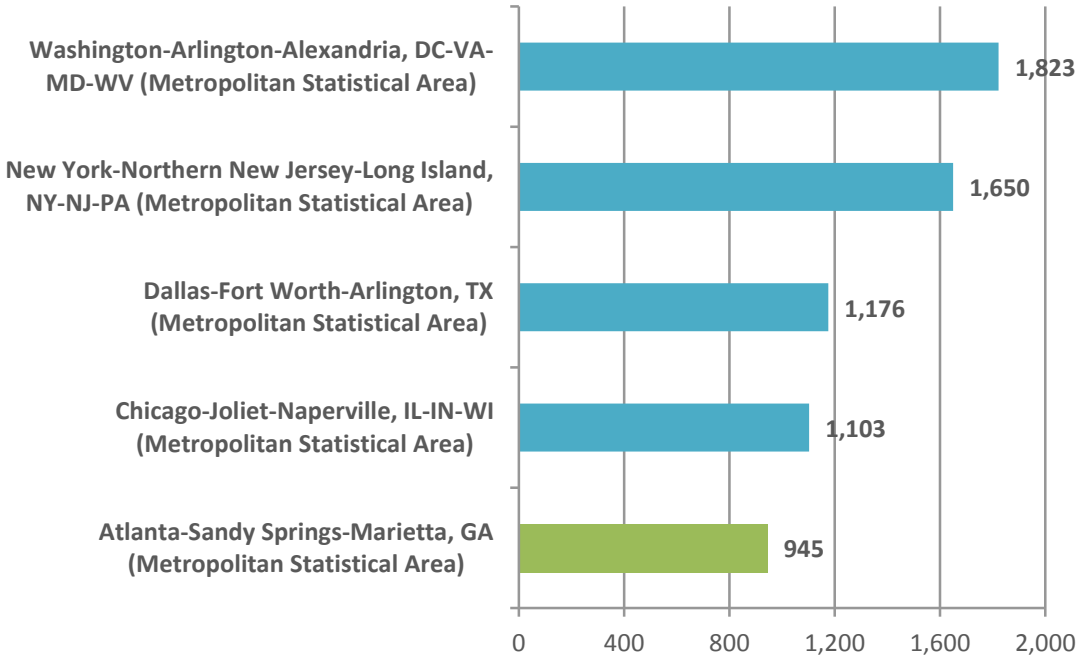
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

Amongst jobs covering the full range of roles relating to the engineering and development of computer software, those that do not have minimum requirements of a bachelors' degree or more. Includes titles such as System Engineers and Software Developers.

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 5th in the nation.

Total Postings: Last 12 Months (November 2013 to November 2014)

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

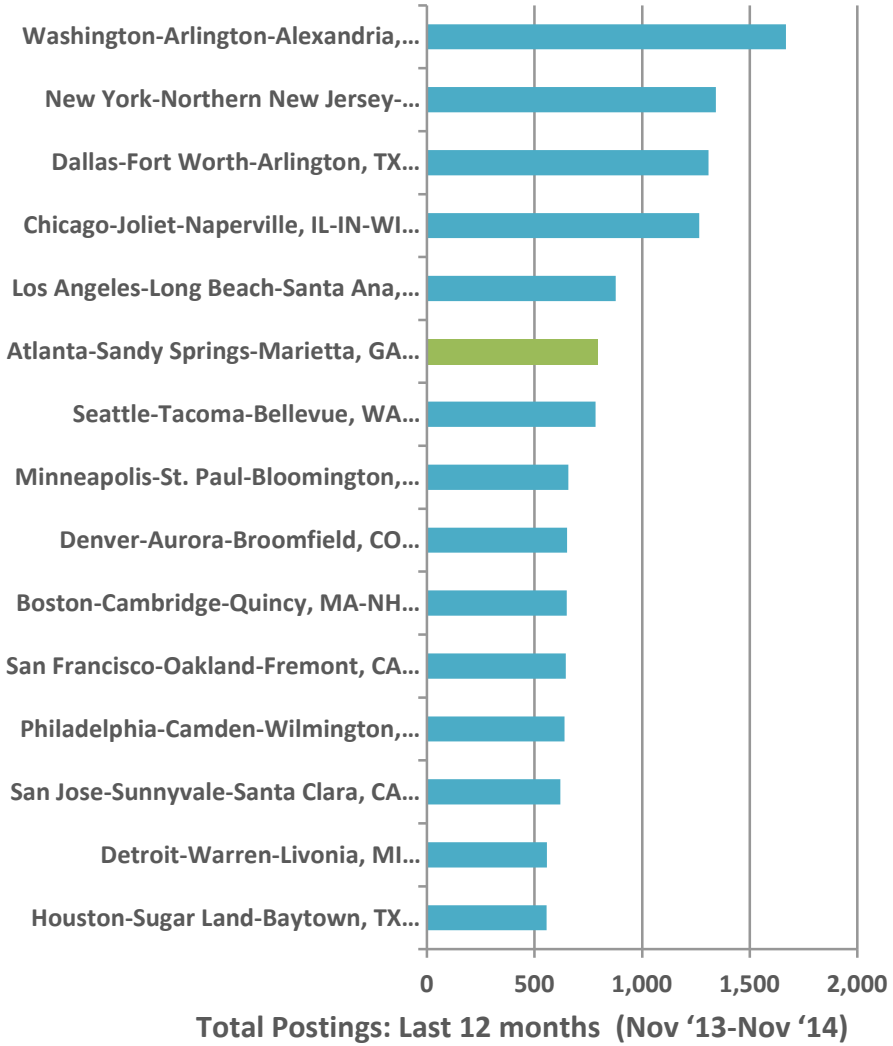
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 5th among MSAs in Software Development BA- postings, up from 10th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 354 in 2007 to 945 in 2013
  - This 164% increase compares to 155% growth in the nation on the whole
  - Atlanta's national share of Software Development BA- postings rose from 2.8% in 2007 to 2.9% in 2013
  - The 164% increase ranks in the middle of the top ranking five MSAs in this type of posting, in terms of percentage growth
- From 2010 to 2013, Software Development BA- postings in Atlanta have increased 74%
  - This compares to 69% growth in the nation on the whole
  - The 74% is a higher rate increase than seen in four of the top five MSAs v. this type of posting '10-'13, training only Dallas-Fort Worth MSA.

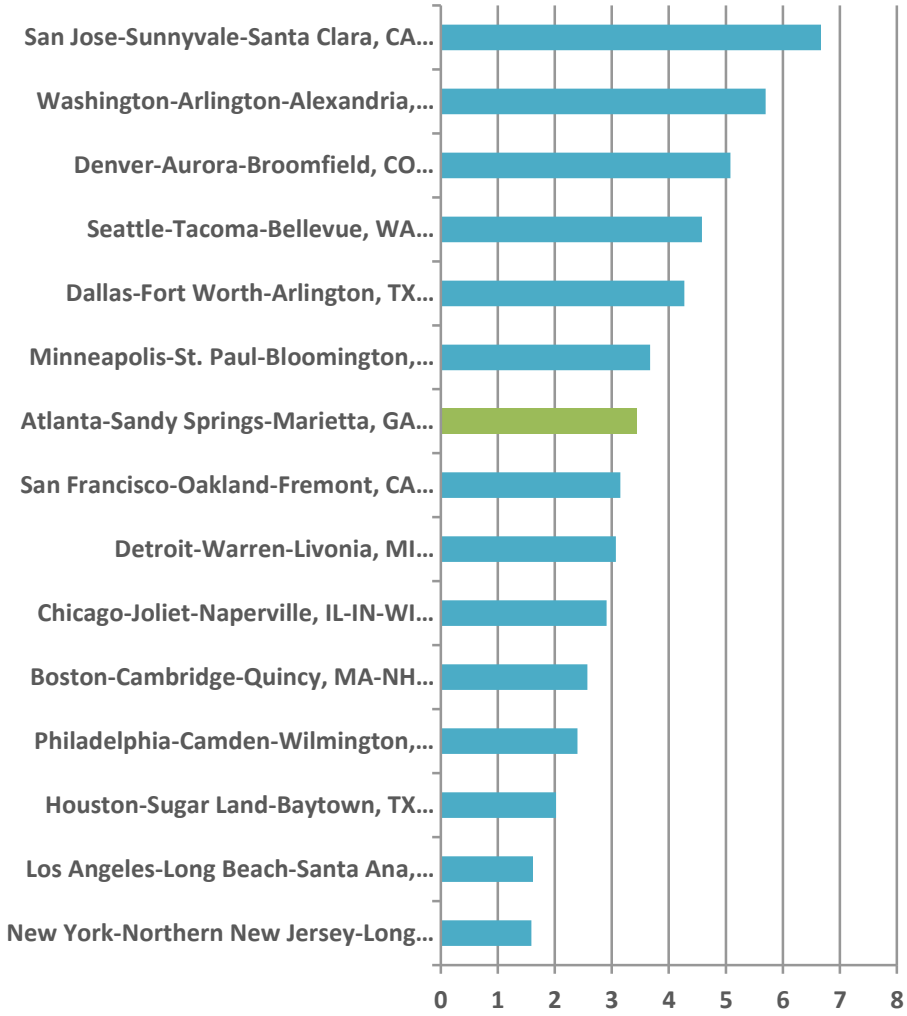
TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months (Nov '13-Nov '14)

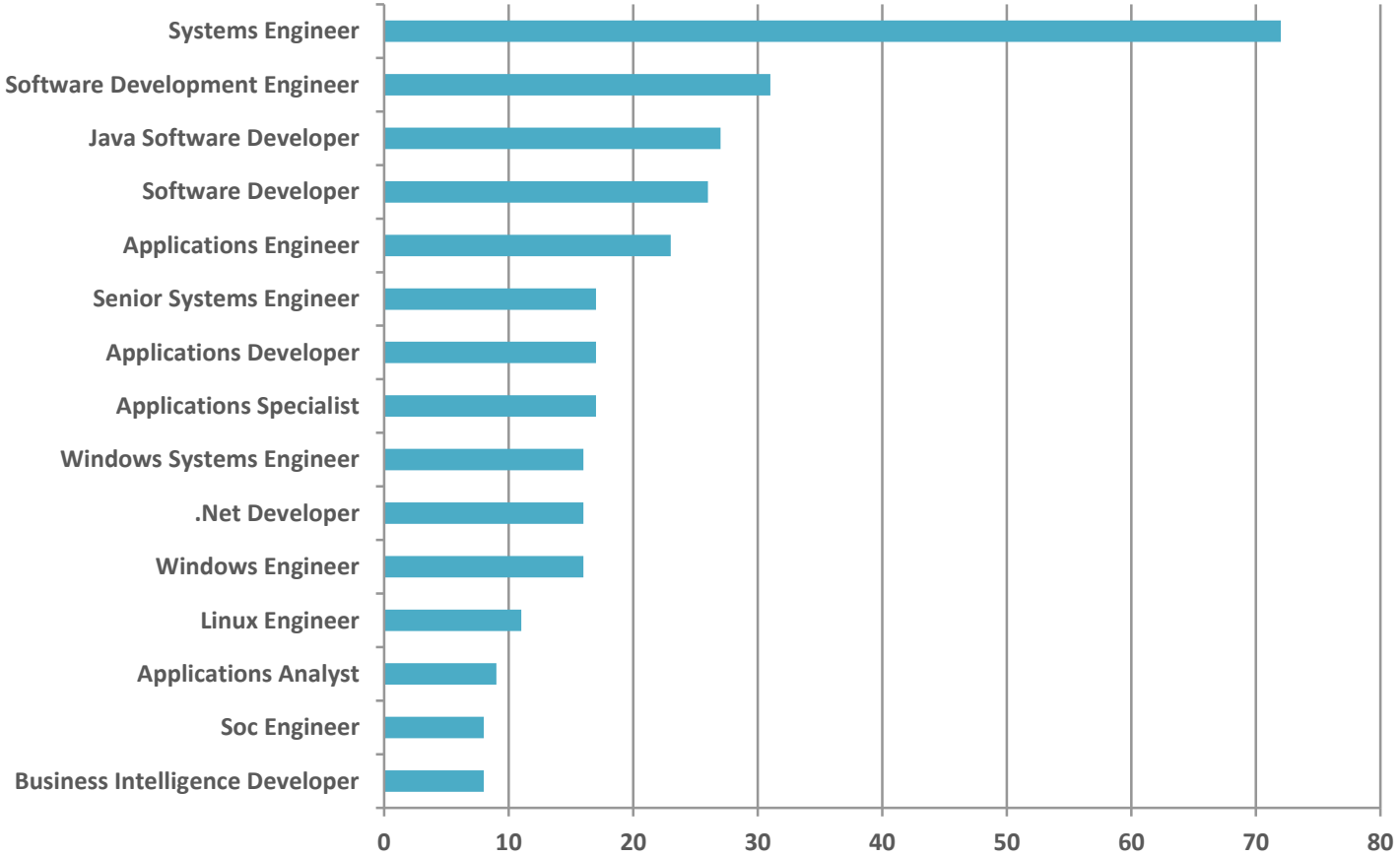
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

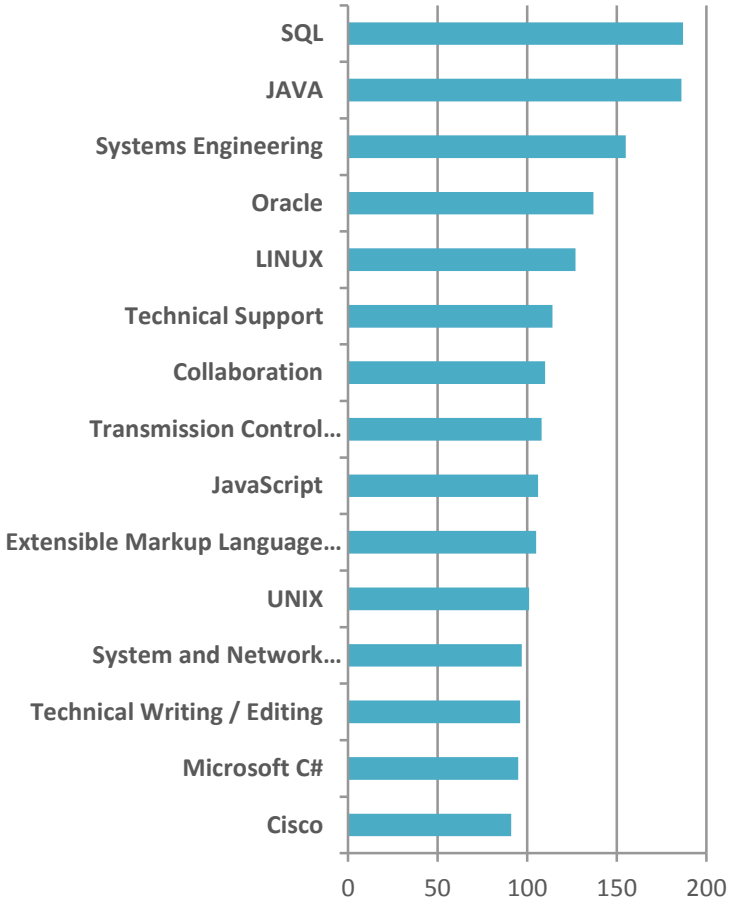
Top Titles



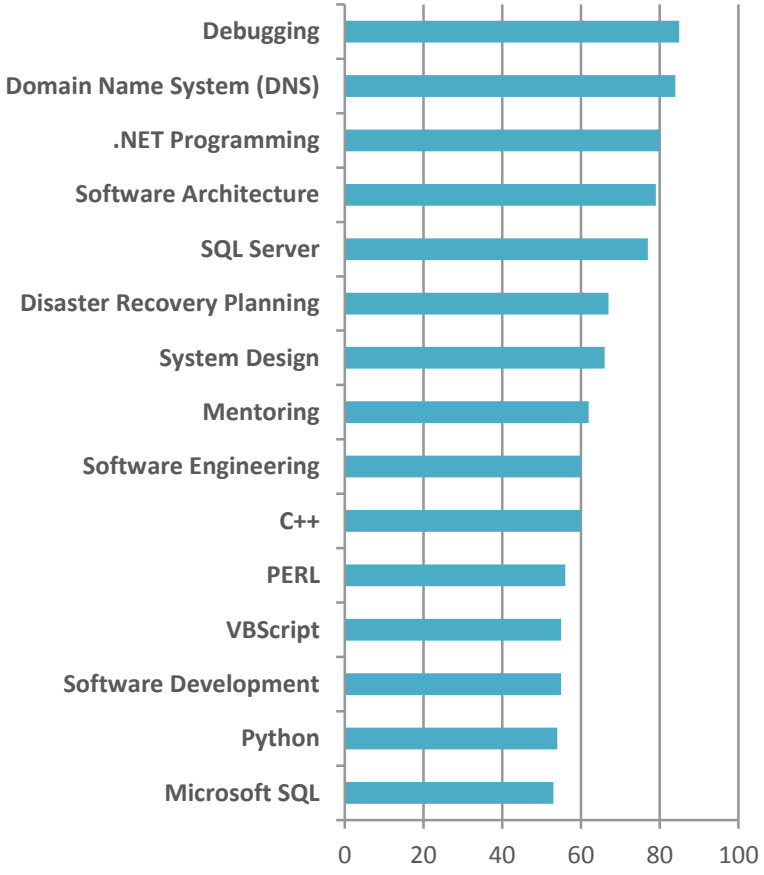
Total Postings: Last 12 months (November 2013 to November 2014)

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

TOP SPECIALIZED SKILLS



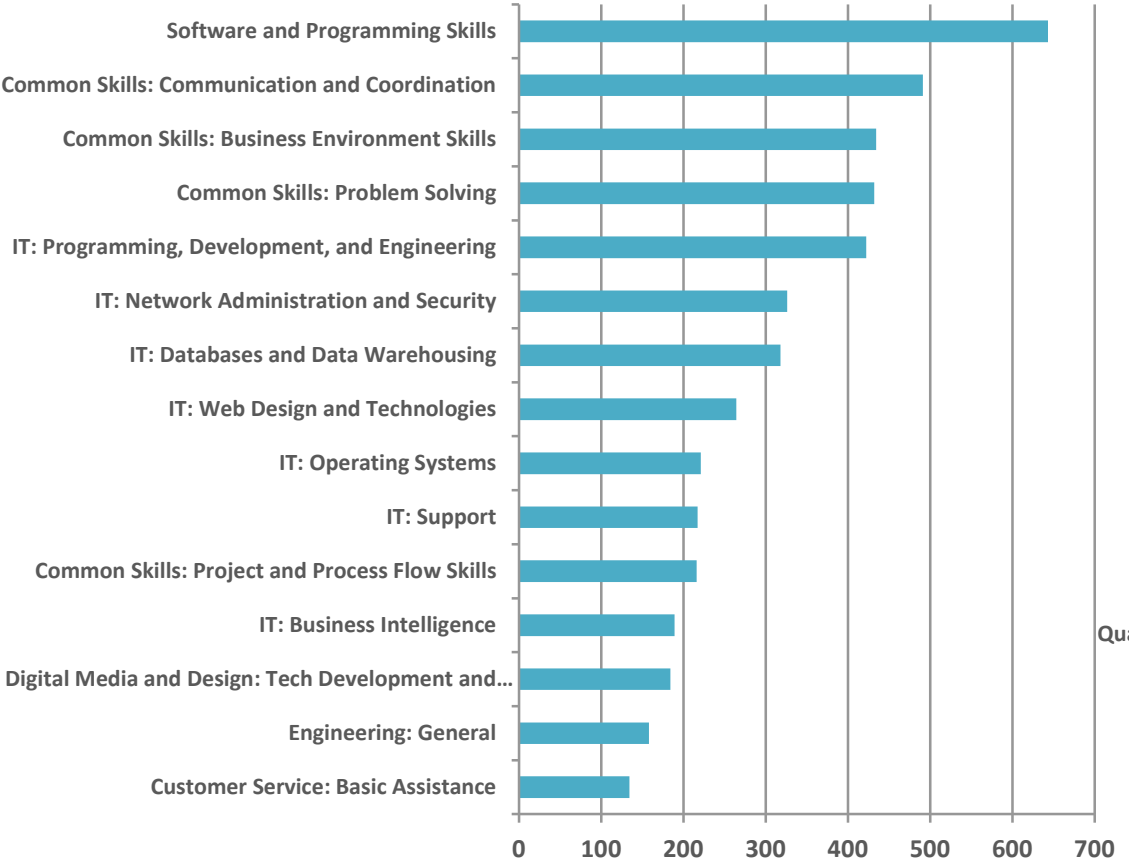
Total Postings: Last 12 months (Nov 2013-Nov 2014)



Total Postings: Last 12 months

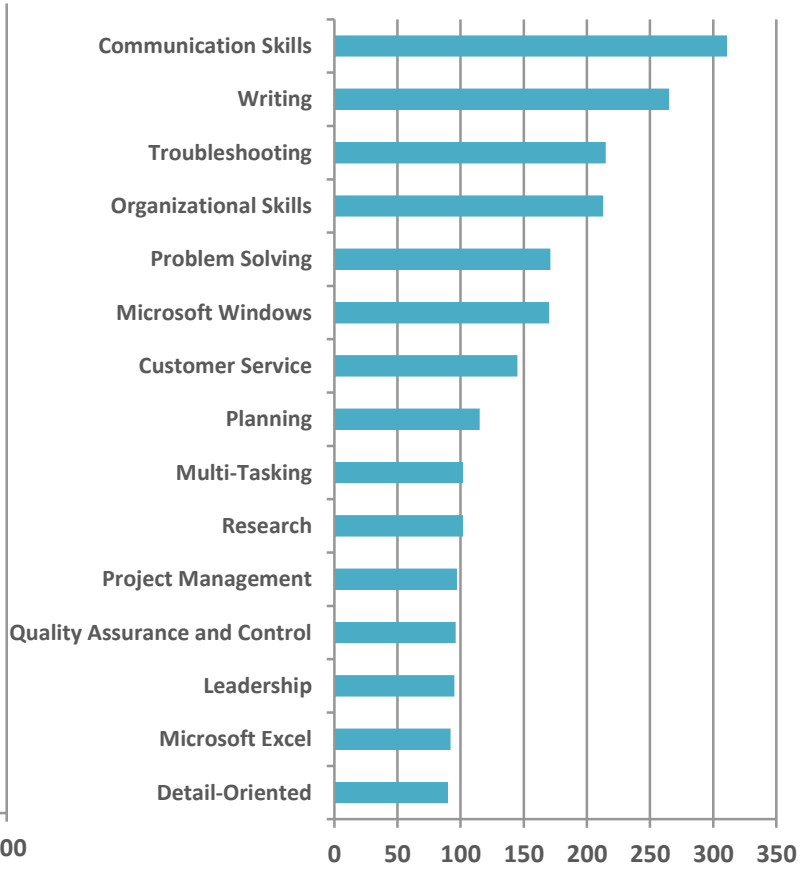
TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

TOP SKILL CLUSTERS



Total Postings: Last 12 months (Nov ‘ 13- Nov ‘14)

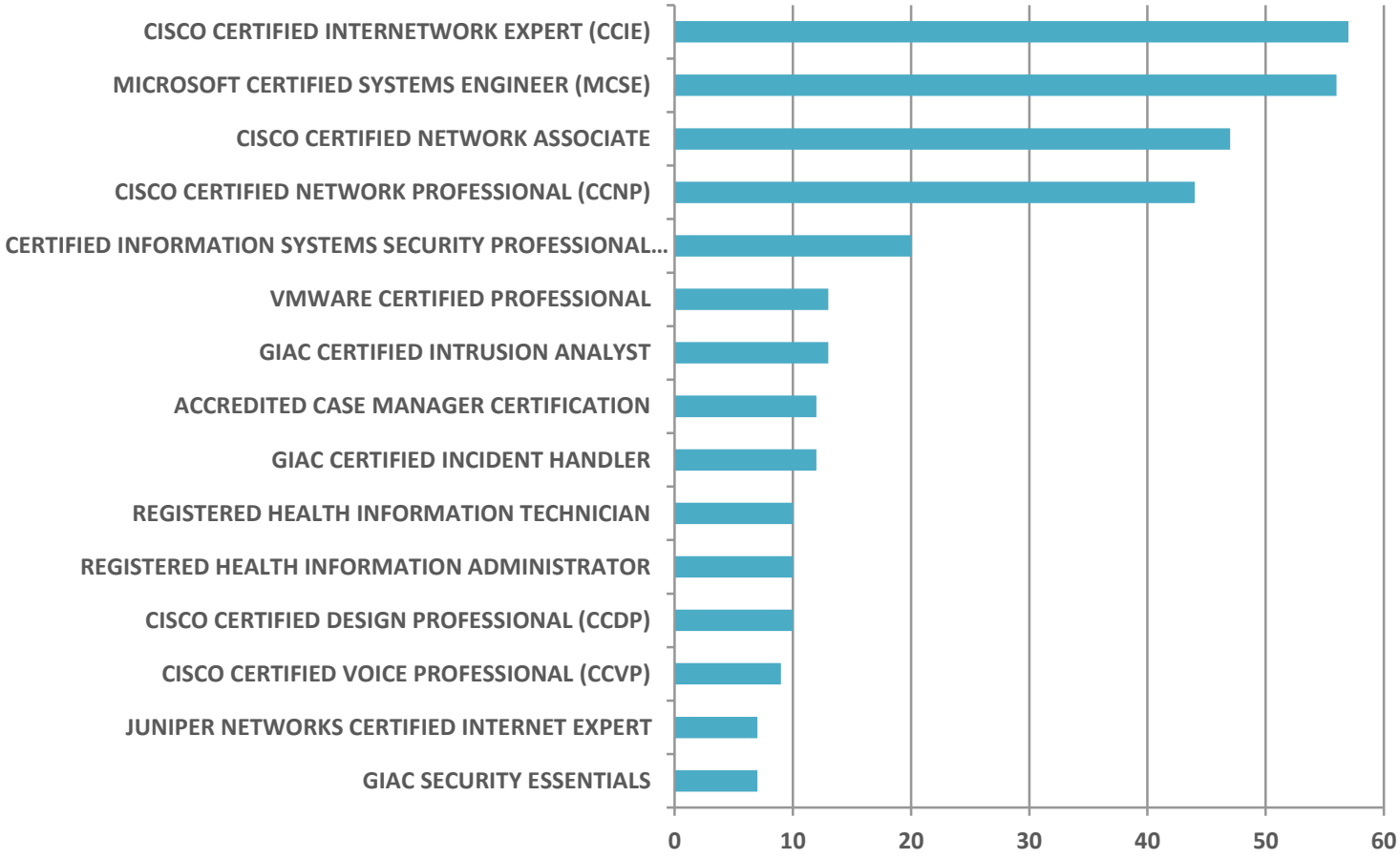
TOP BASELINE SKILLS



Total Postings: Last 12 months

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

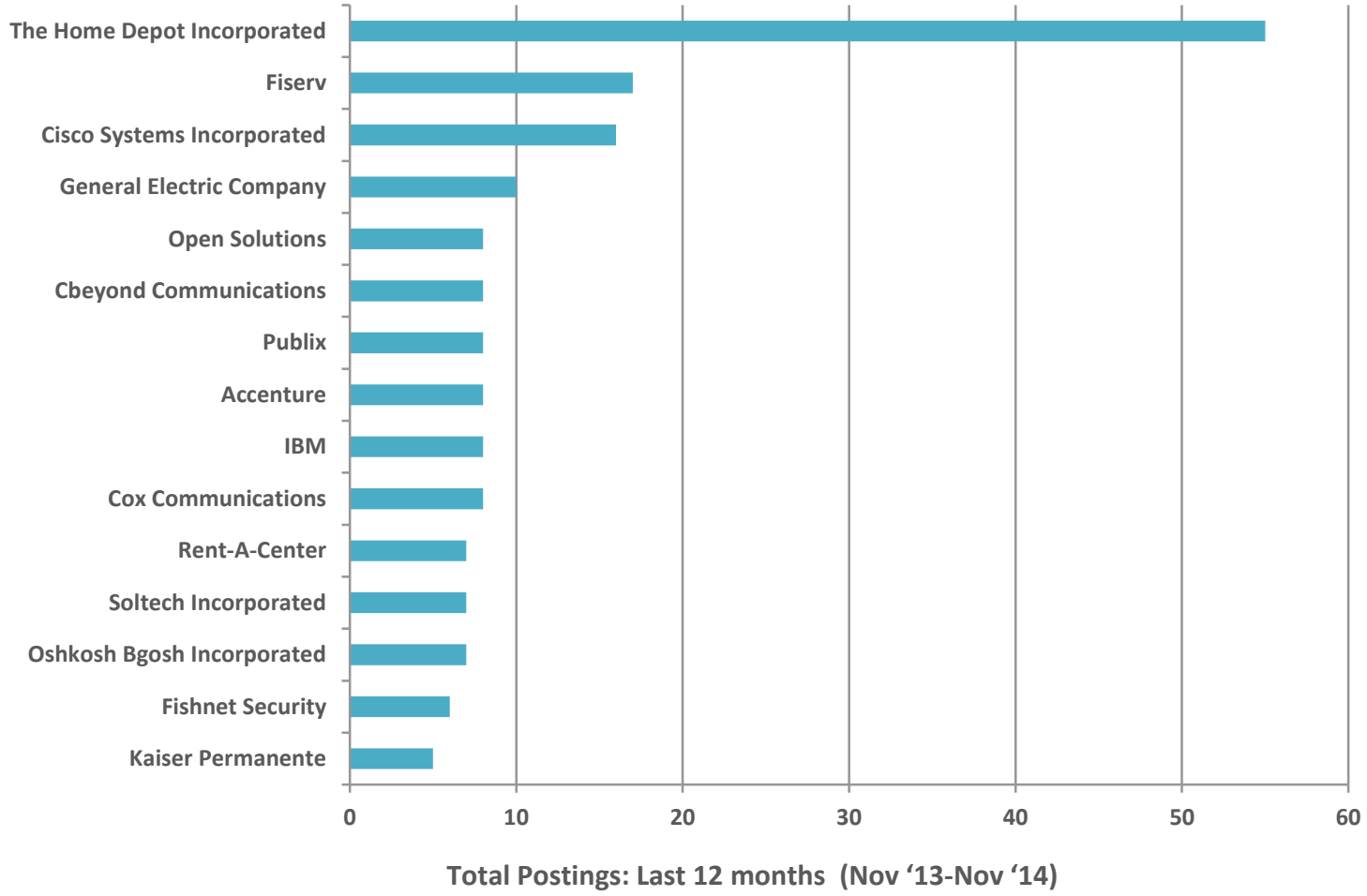
TOP CERTIFICATIONS



Total Postings: Last 12 months (November 2013 to November 2014)

TECHNOLOGY: SOFTWARE DEVELOPMENT BA-

TOP EMPLOYERS



TECHNOLOGY: WIRELESS/MOBILITY

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

TECHNOLOGY: WIRELESS/MOBILITY

Wireless/Mobility

Wireless/Mobility jobs cover the emerging mobile application sector and include jobs developing applications for iOS, Android, and other mobile technologies.

TECHNOLOGY: WIRELESS/MOBILITY

Top 5 MSA Job Postings + Atlanta

Atlanta ranks 9th in the nation.

Total Postings: 2013

TECHNOLOGY: WIRELESS/MOBILITY

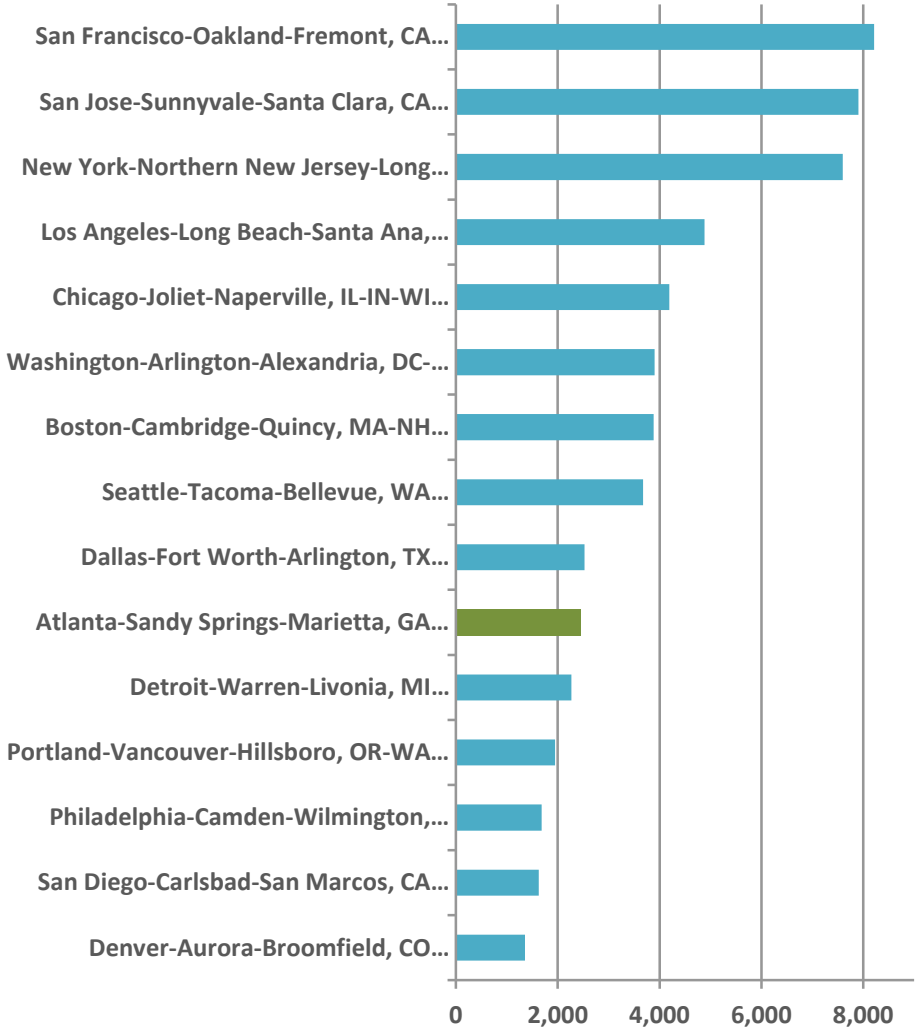
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 9th among MSAs in wireless mobility postings, up from 15th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 802 in 2007 to 2,325 in 2013
  - This 190% increase compares to 111% growth in the nation on the whole
  - Atlanta's national share of wireless mobility jobs increased from 2.2% in 2007 to 3% in 2013
  - The 190% trails percent growth in two of the top five MSAs in this type of posting—Seattle and San Francisco
- From 2010 to 2013, wireless mobility postings in Atlanta have increased 106%
  - This compares to about 50% growth in the nation on the whole
  - The 106% is higher than all other of the top five MSAs in this type of posting

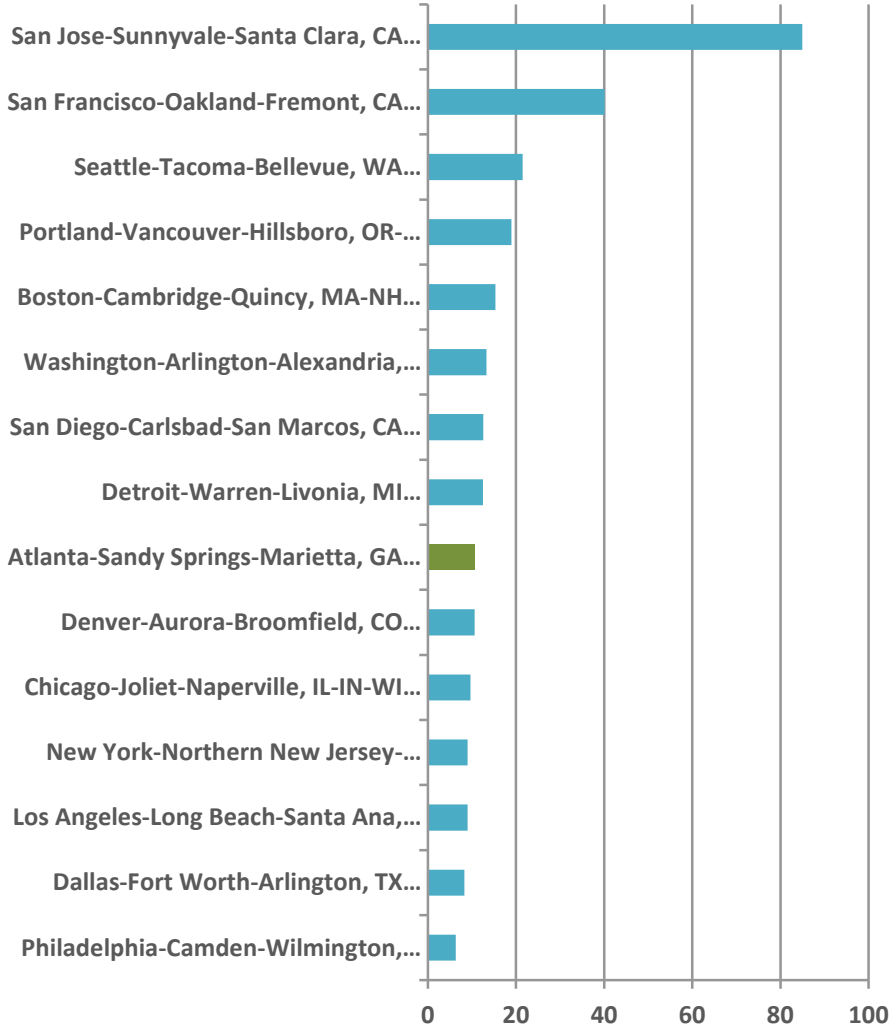
TECHNOLOGY: WIRELESS/MOBILITY

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

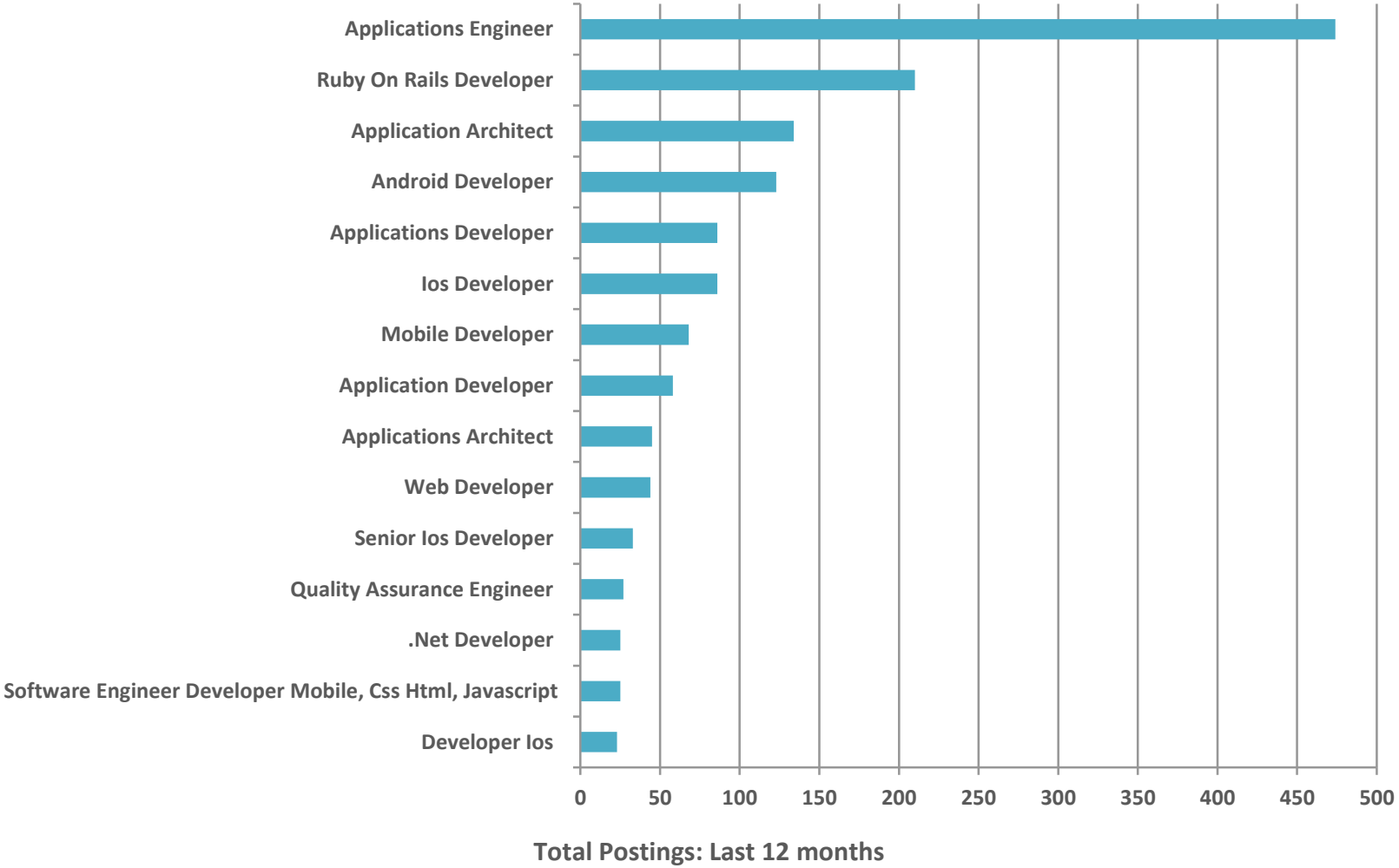
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

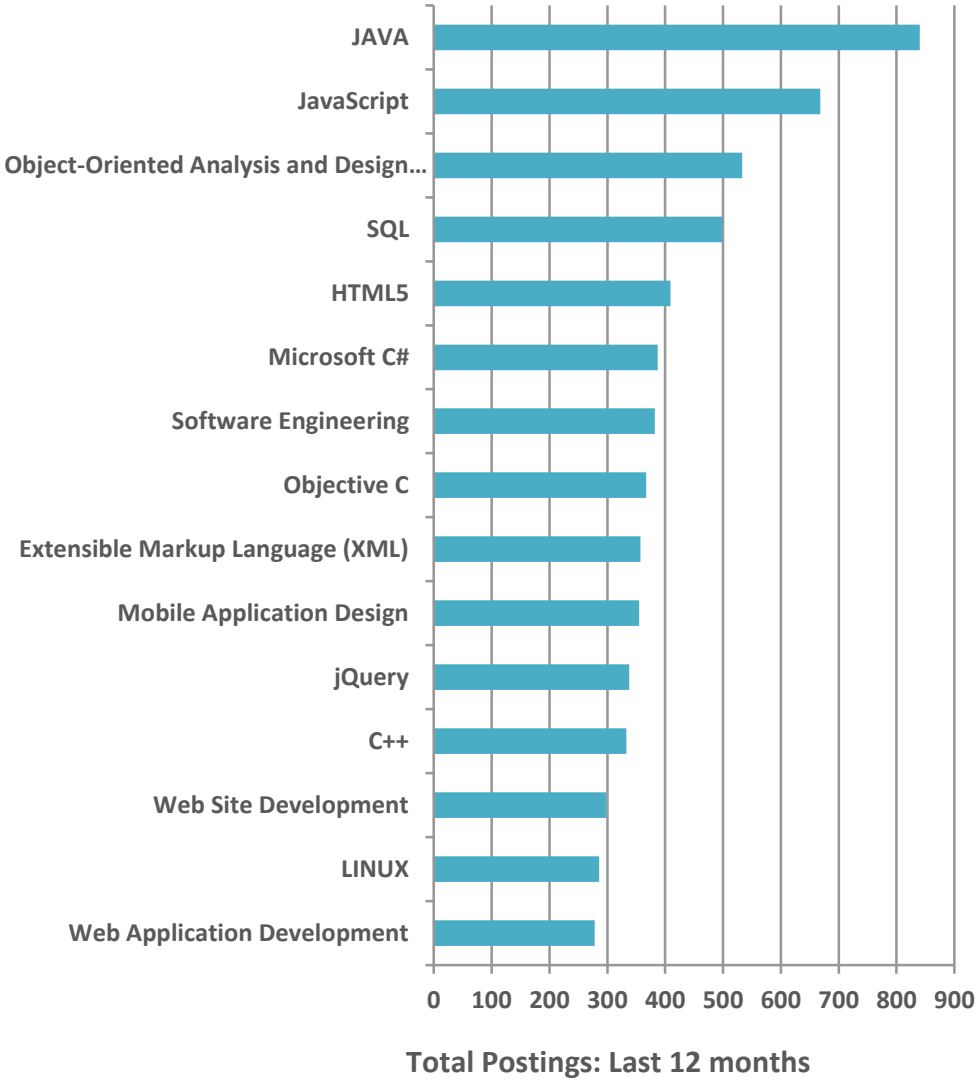
TECHNOLOGY: WIRELESS/MOBILITY

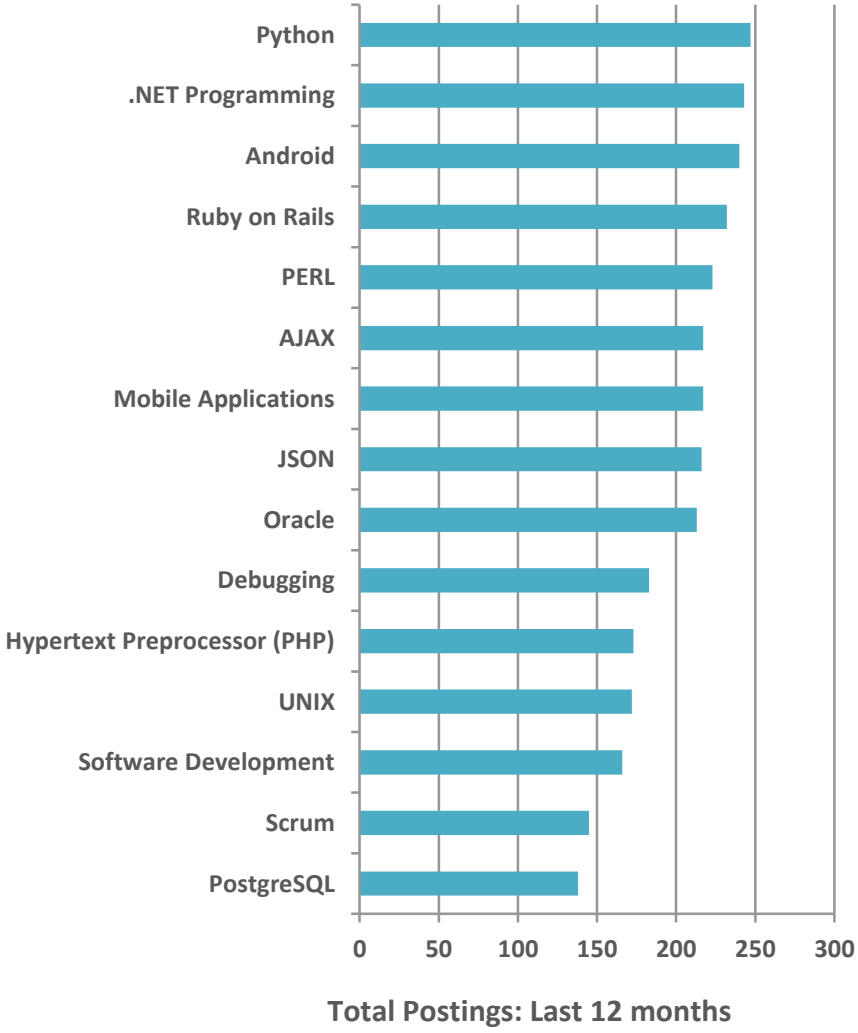
Top Titles



TECHNOLOGY: WIRELESS/MOBILITY

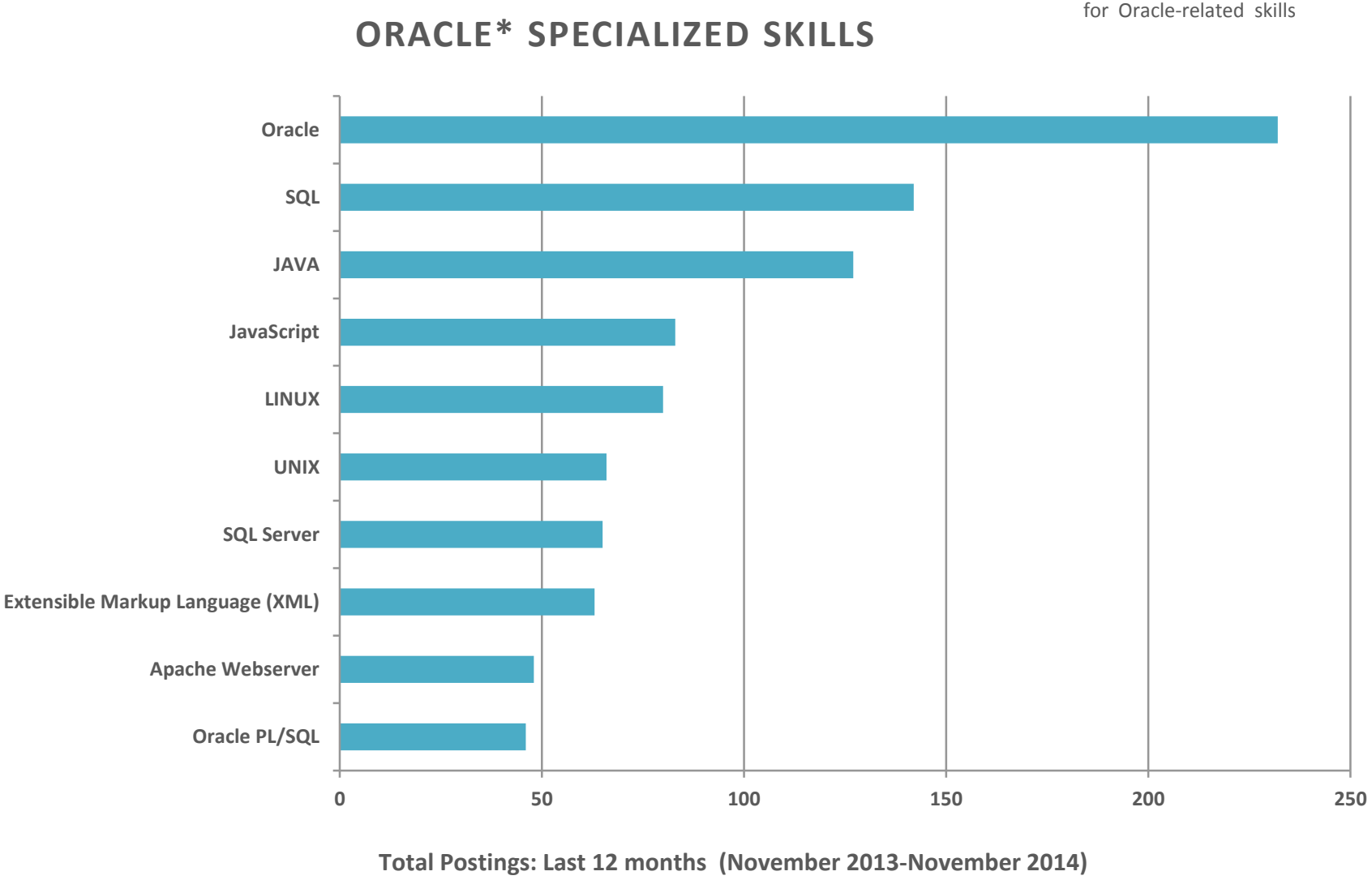
TOP SPECIALIZED SKILLS





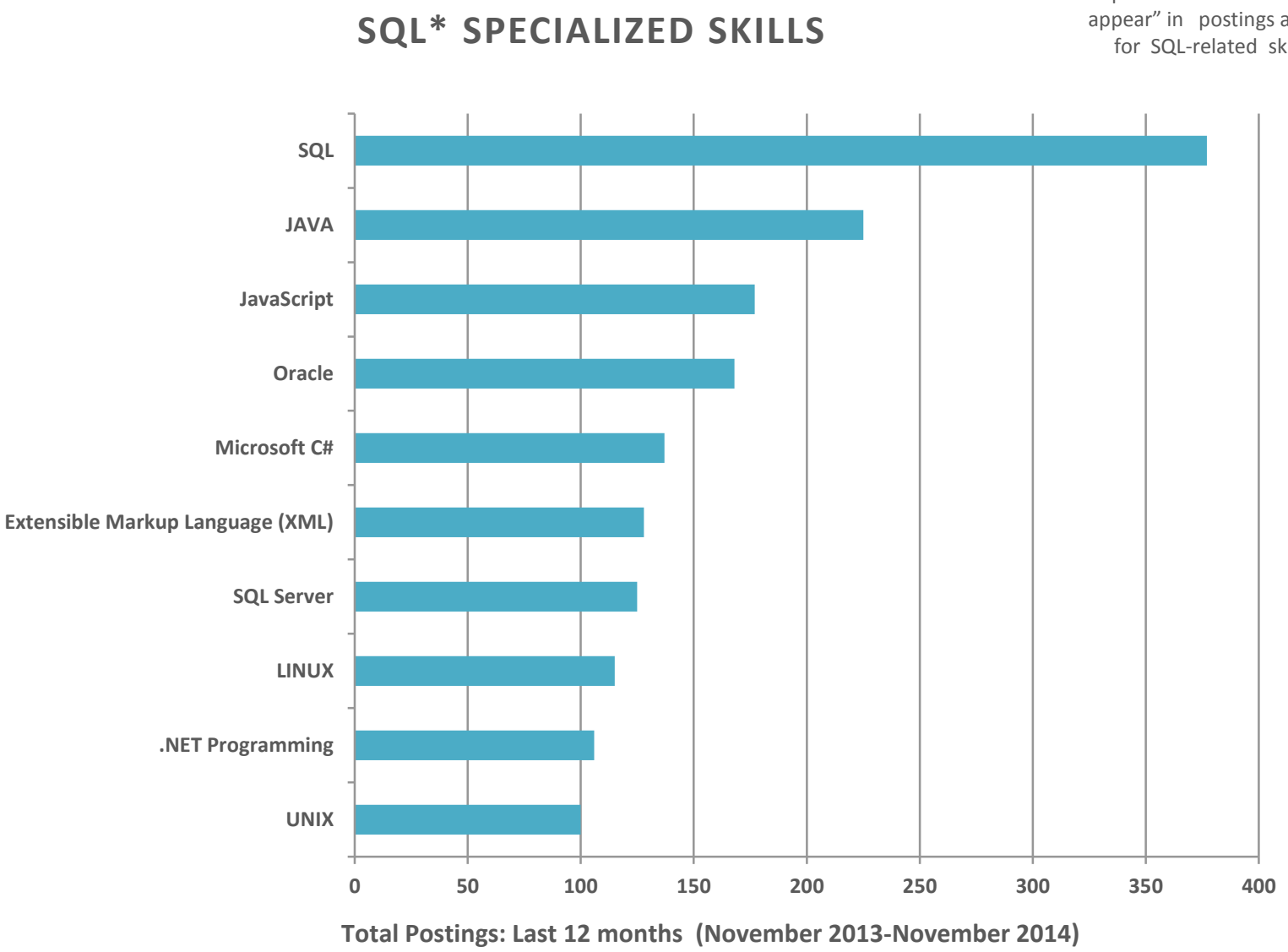
TECHNOLOGY: WIRELESS/MOBILITY

* Specialized skills that "co-appear" in postings asking for Oracle-related skills



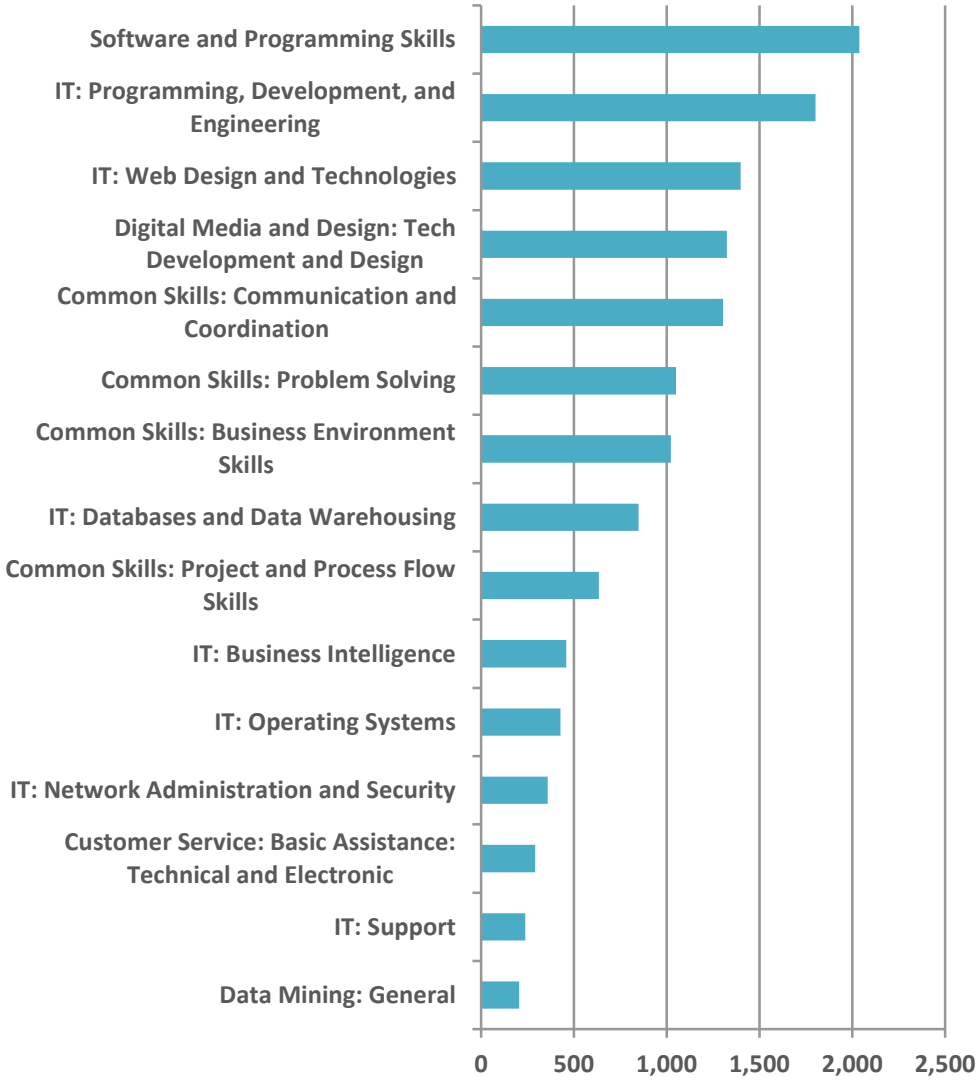
TECHNOLOGY: WIRELESS/MOBILITY

* Specialized skills that "co-appear" in postings asking for SQL-related skills



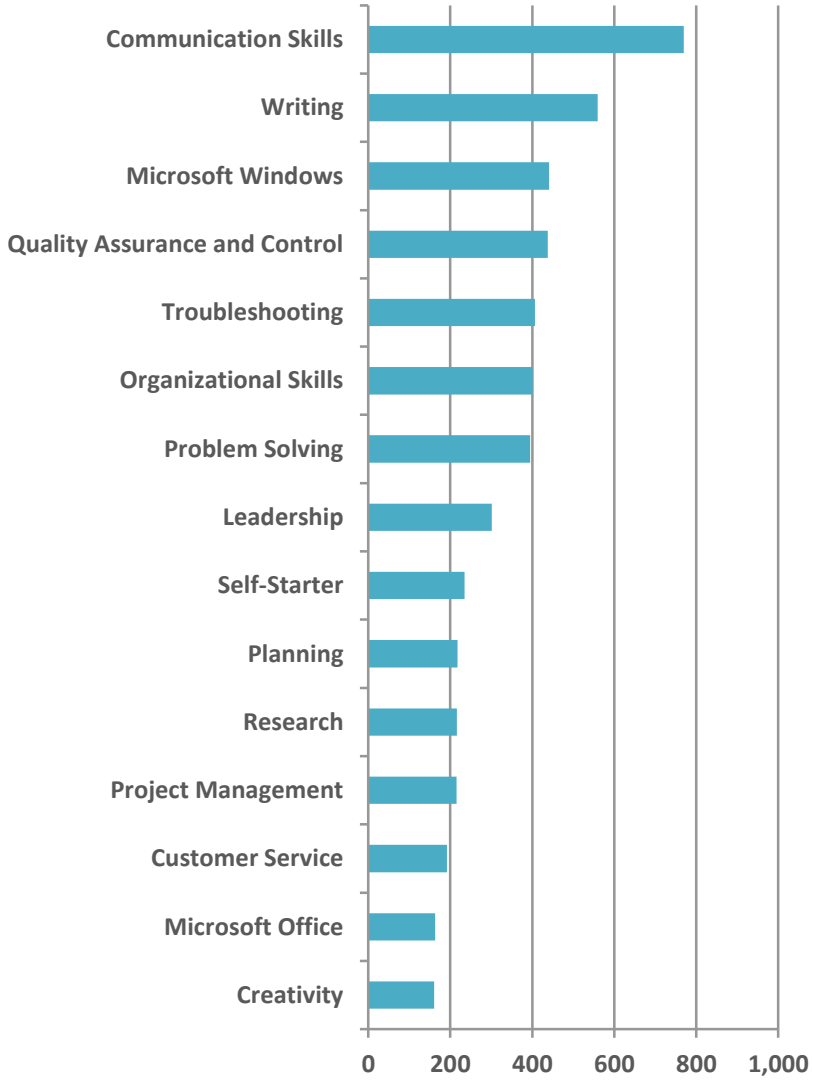
TECHNOLOGY: WIRELESS/MOBILITY

TOP SKILL CLUSTERS



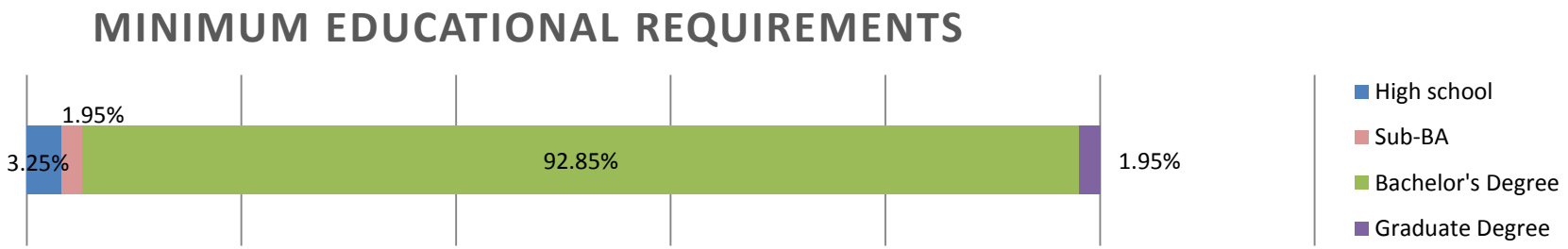
Total Postings: Last 12 months

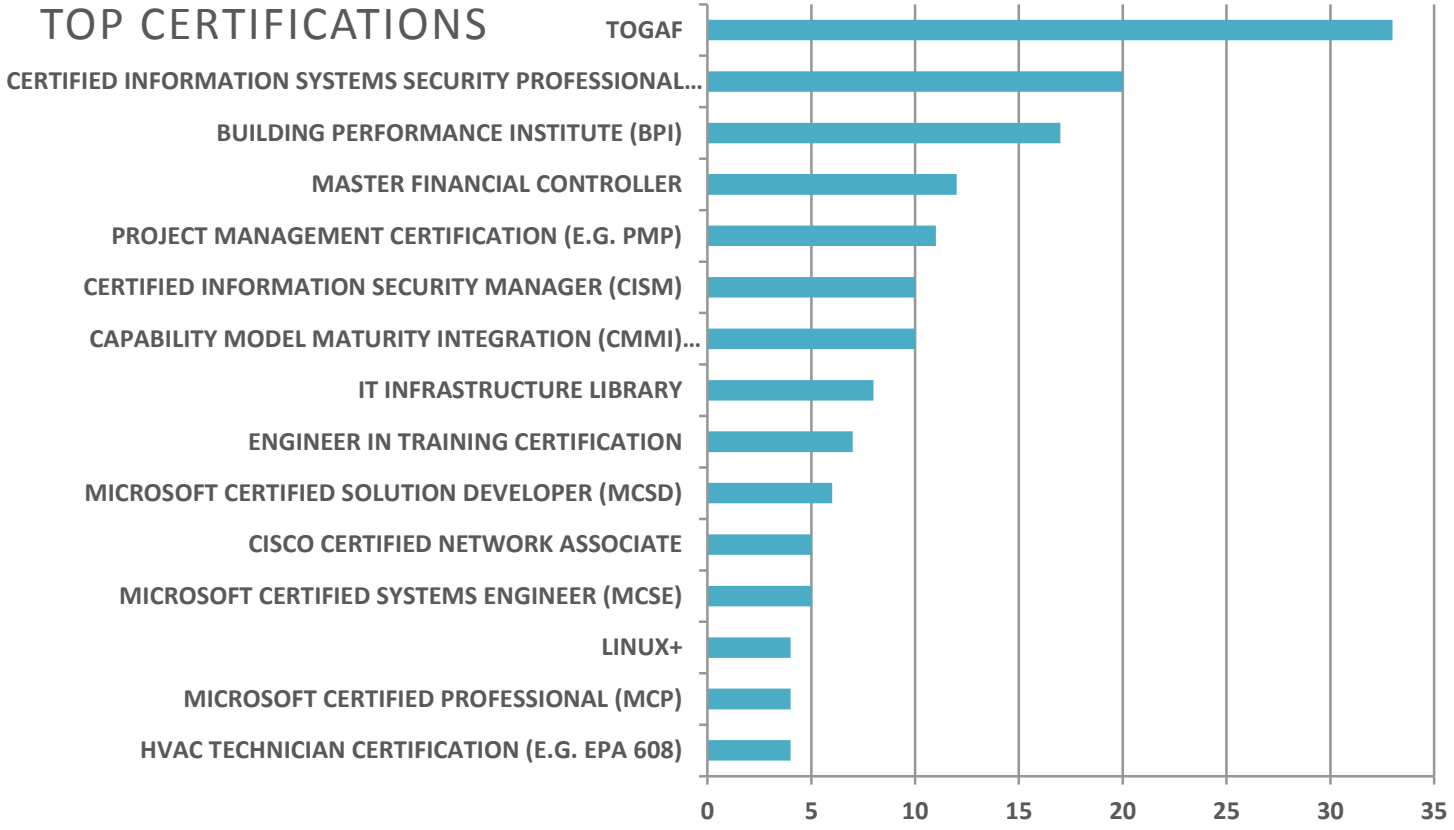
TOP BASELINE SKILLS



Total Postings: Last 12 months

TECHNOLOGY: WIRELESS/MOBILITY

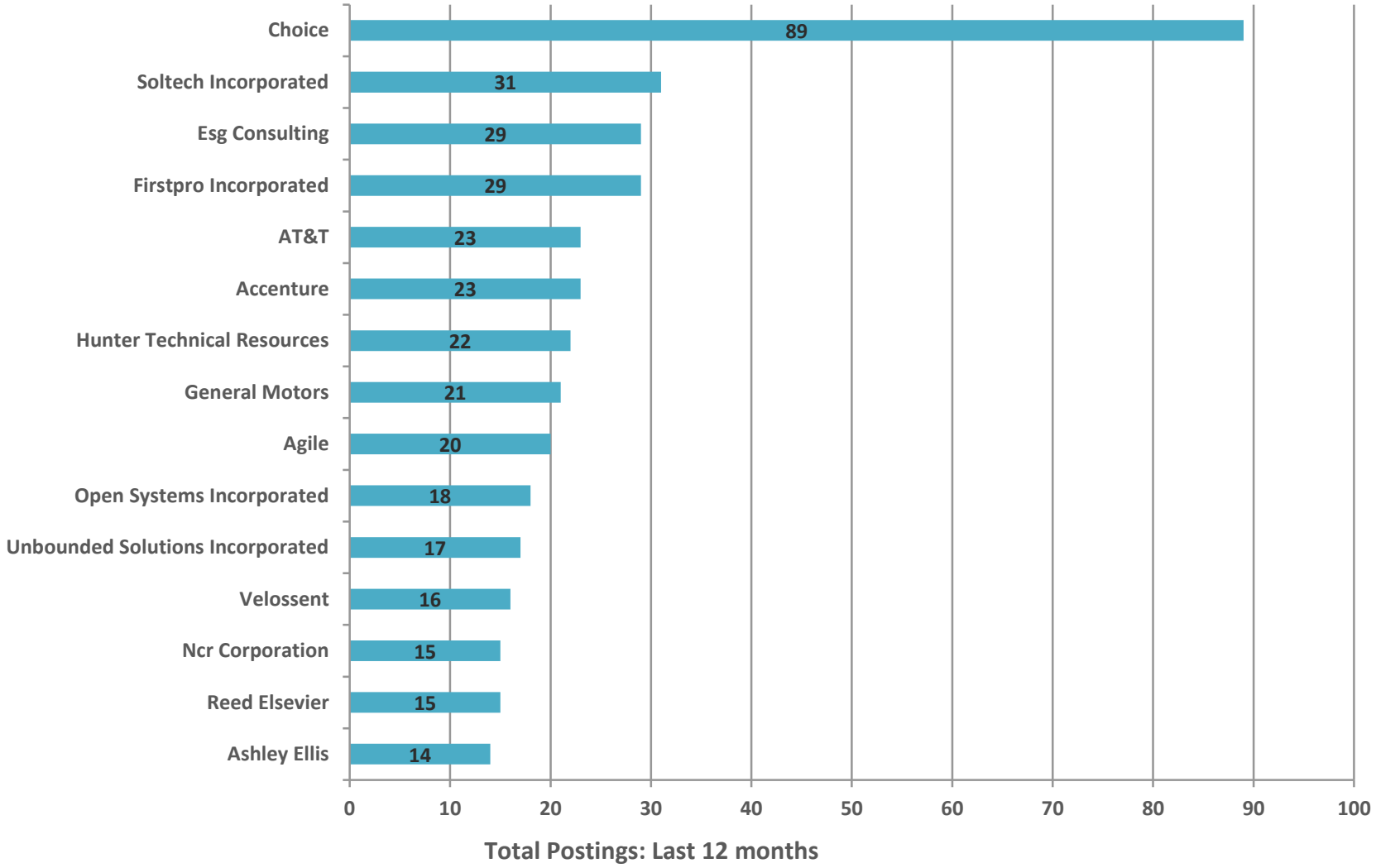




Total Postings: Last 12 months

TECHNOLOGY: WIRELESS/MOBILITY

Top Employers



TECHNOLOGY: INTERNET SECURITY

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

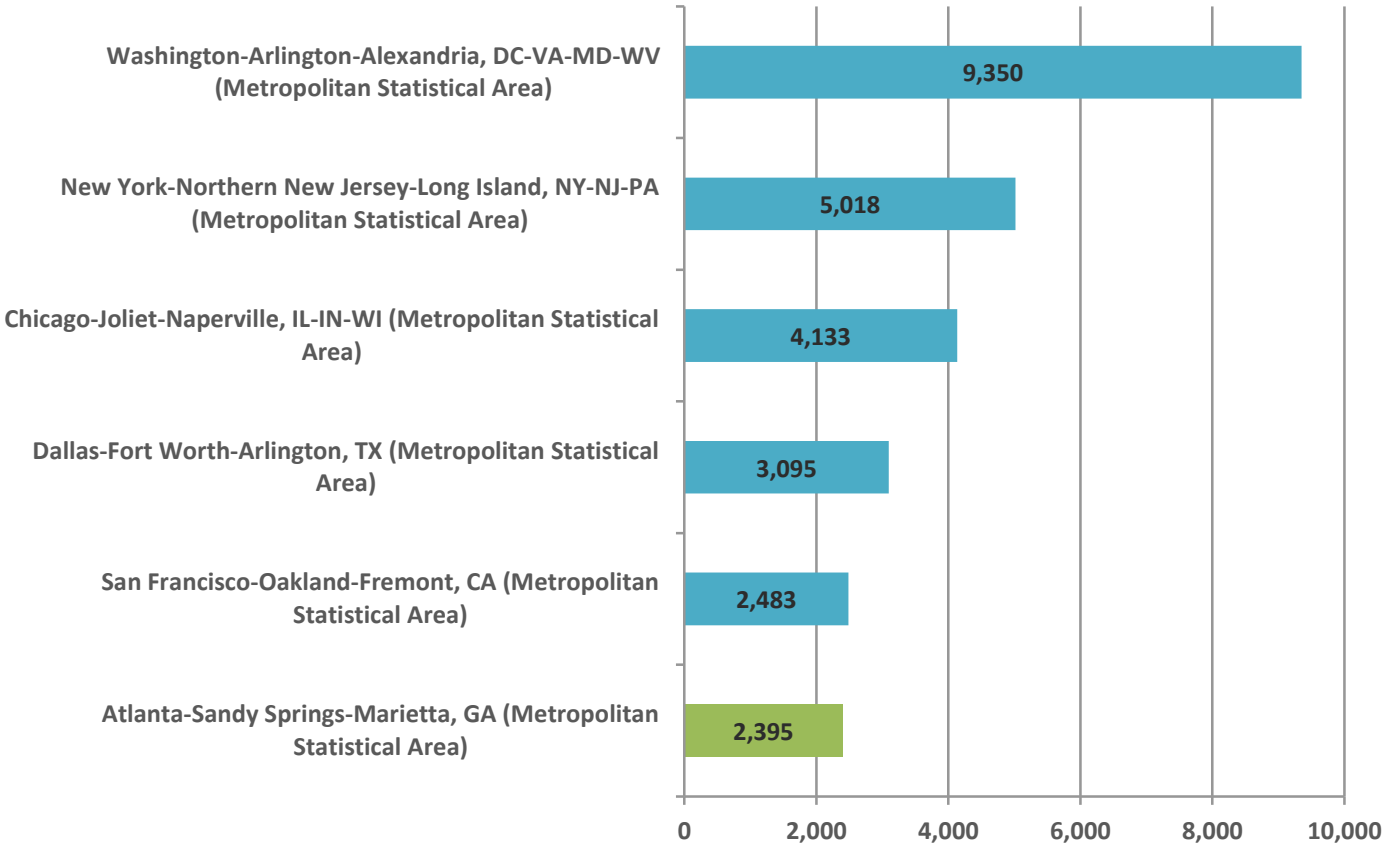
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

Internet Security

Internet Security covers jobs related to protecting computer networks and data from unauthorized intrusion and attacks. Common titles include security engineers, analysts and auditors.

TECHNOLOGY: INTERNET SECURITY

Top 5 MSA Job Postings + Atlanta



Total Postings: 2013

Atlanta ranks 6th in the nation.

TECHNOLOGY: INTERNET SECURITY

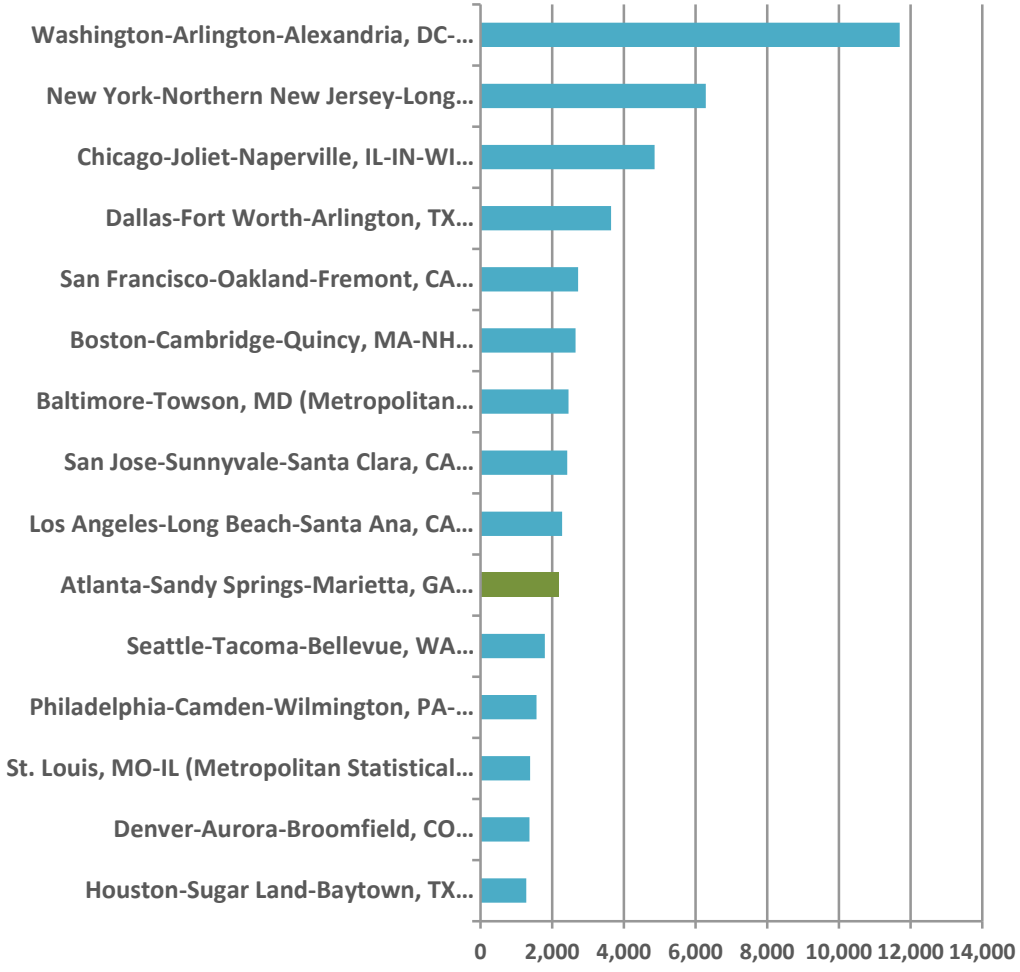
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 6th among MSAs in information security postings, up from 13th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 612 in 2007 to 2,395 in 2013
  - This 290% increase compares to 94% growth in the nation on the whole
  - Atlanta's national share of info security jobs increased from 1.7% in 2007 to 3.3% in 2013
  - The 290% is higher than all other of the top five MSAs in this type of posting
- From 2010 to 2013, information security postings in Atlanta have increased 102%
  - This compares to about 37% growth in the nation on the whole
  - The 102% trails percent growth in two of the top five MSAs in this type of posting—Chicago and Dallas

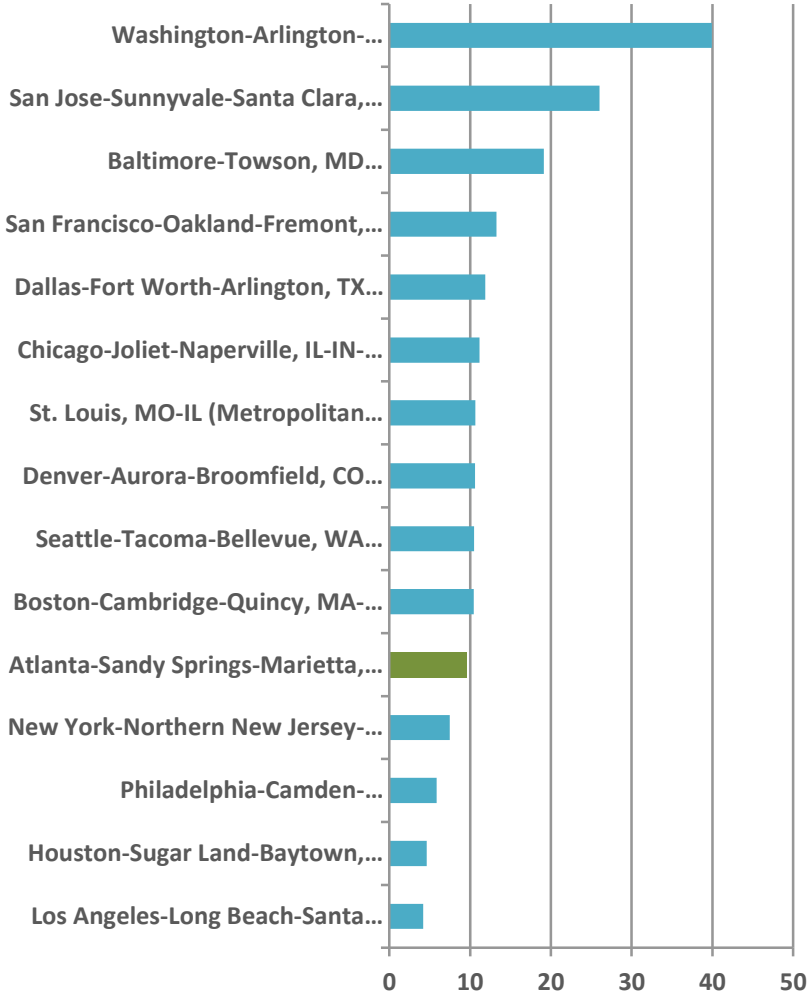
TECHNOLOGY: INTERNET SECURITY

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

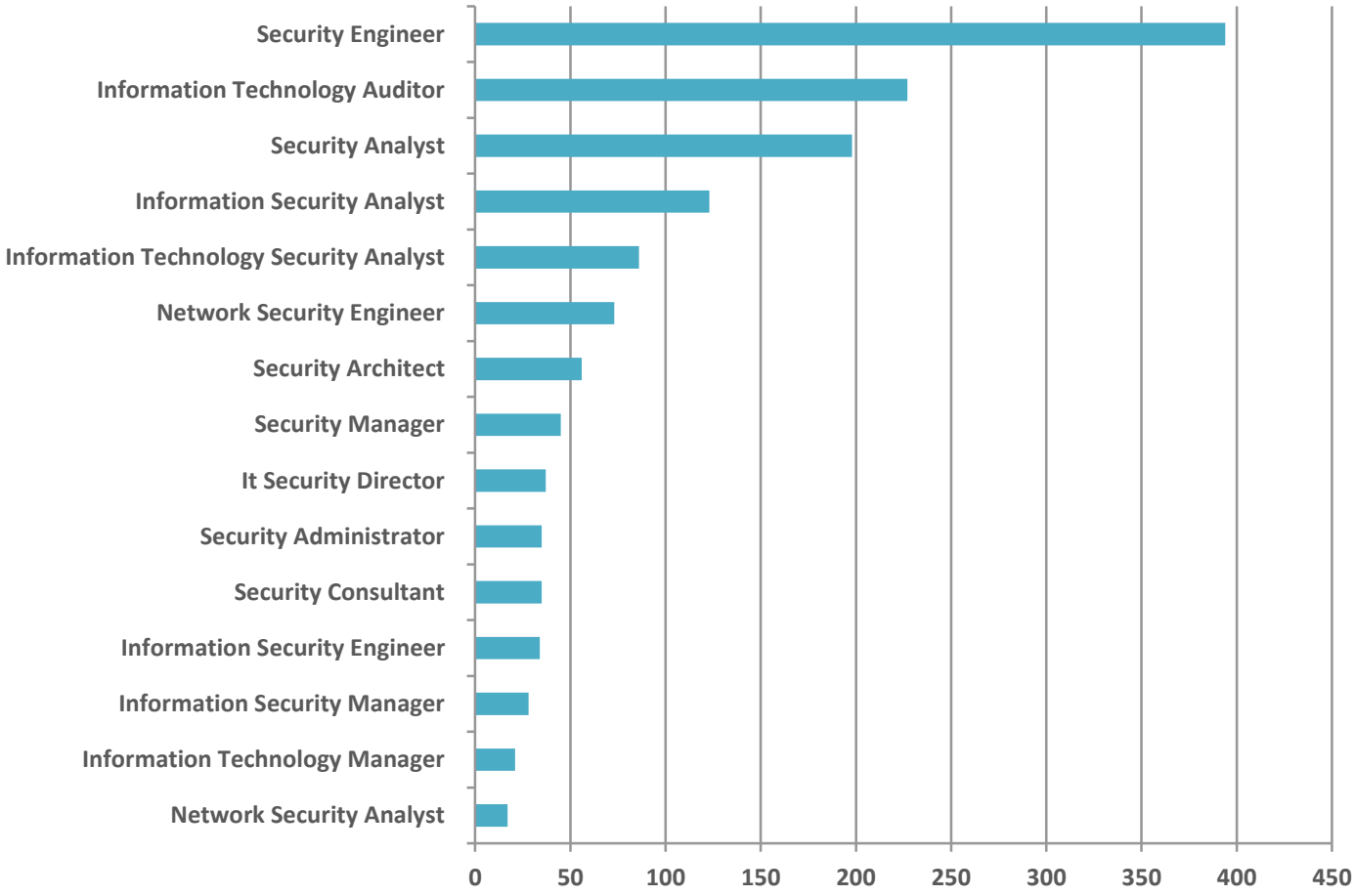
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

TECHNOLOGY: INTERNET SECURITY

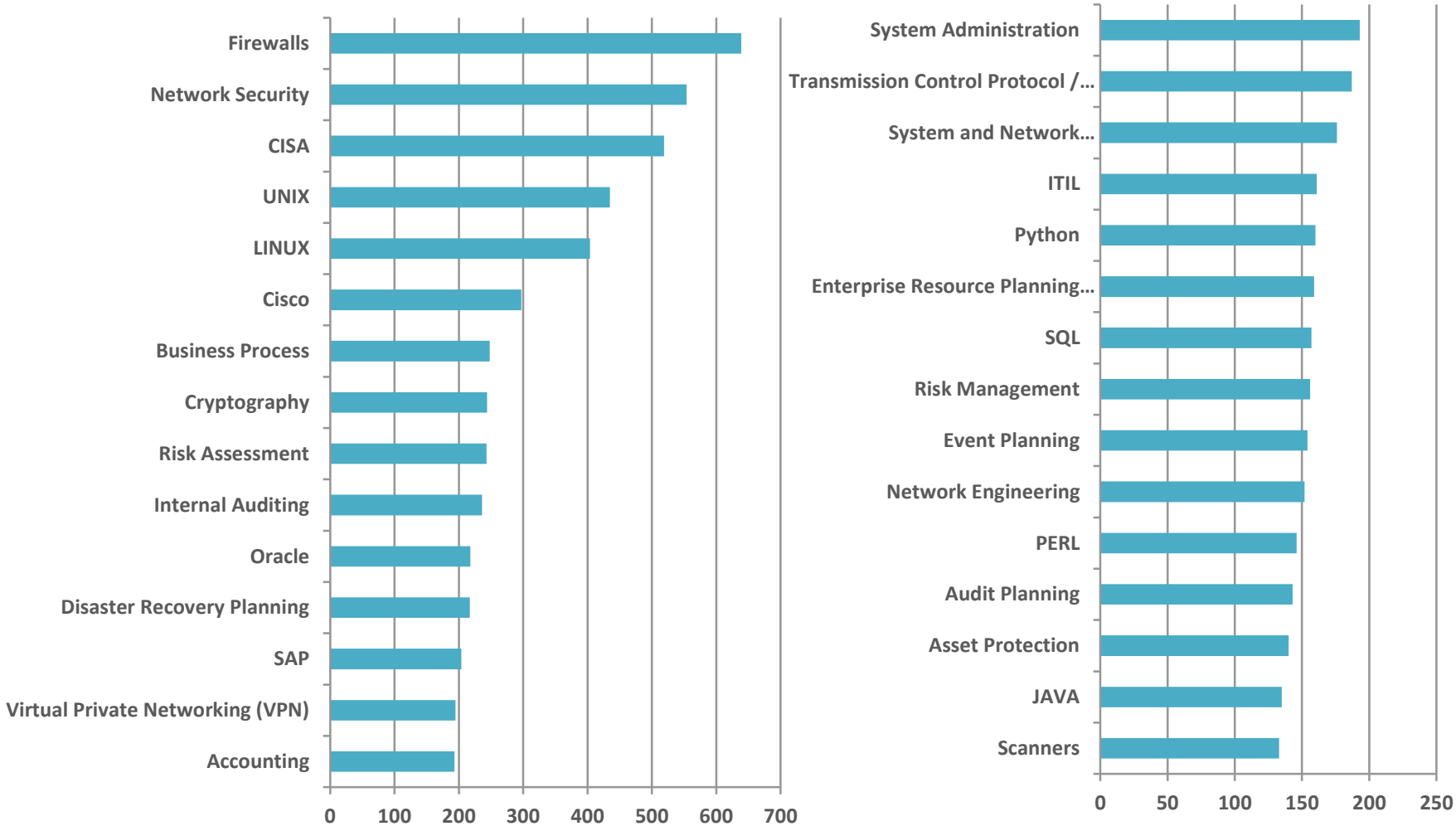
Top Titles



Total Postings: Last 12 months

TECHNOLOGY: INTERNET SECURITY

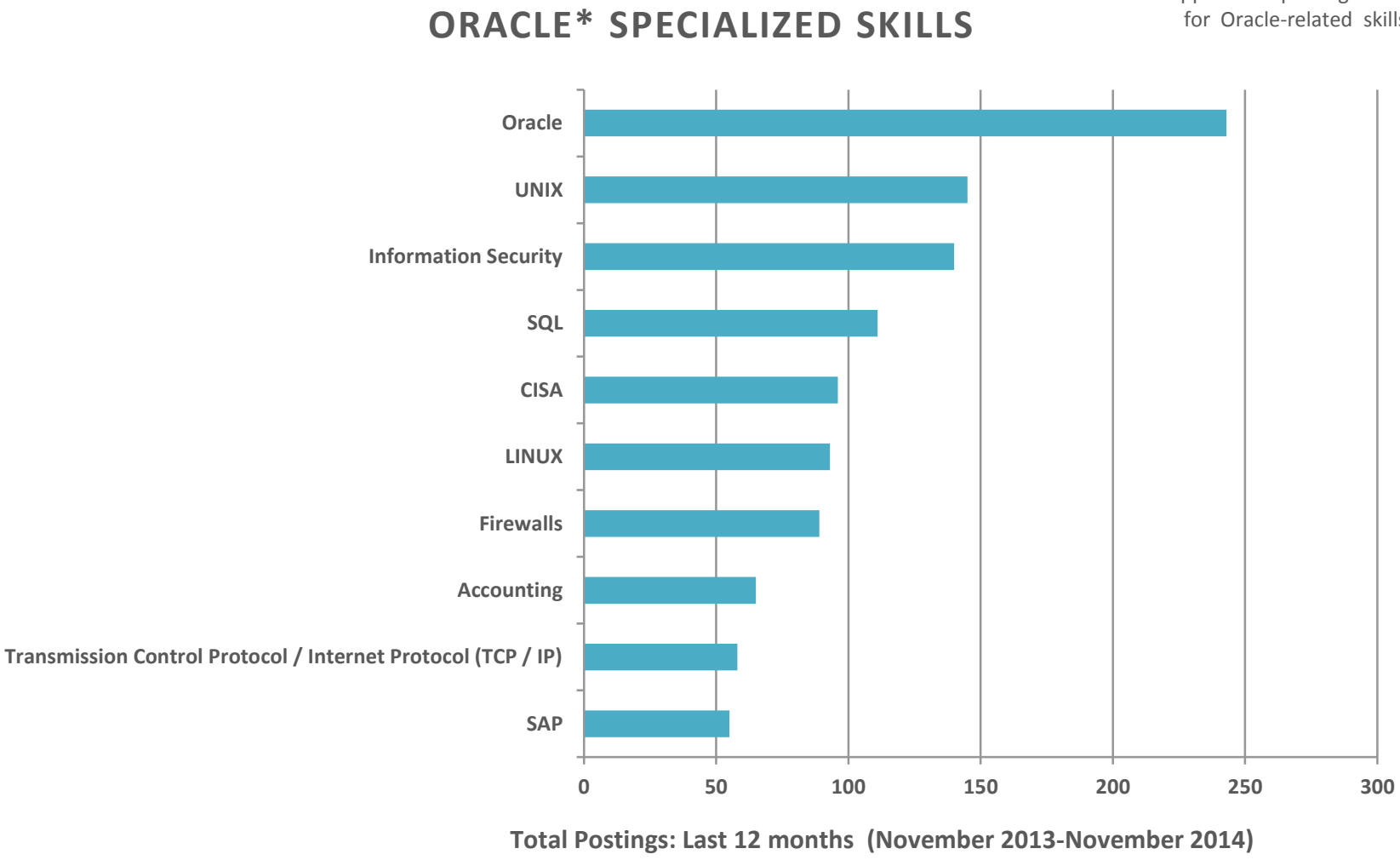
TOP SPECIALIZED SKILLS



Total Postings: Last 12 months

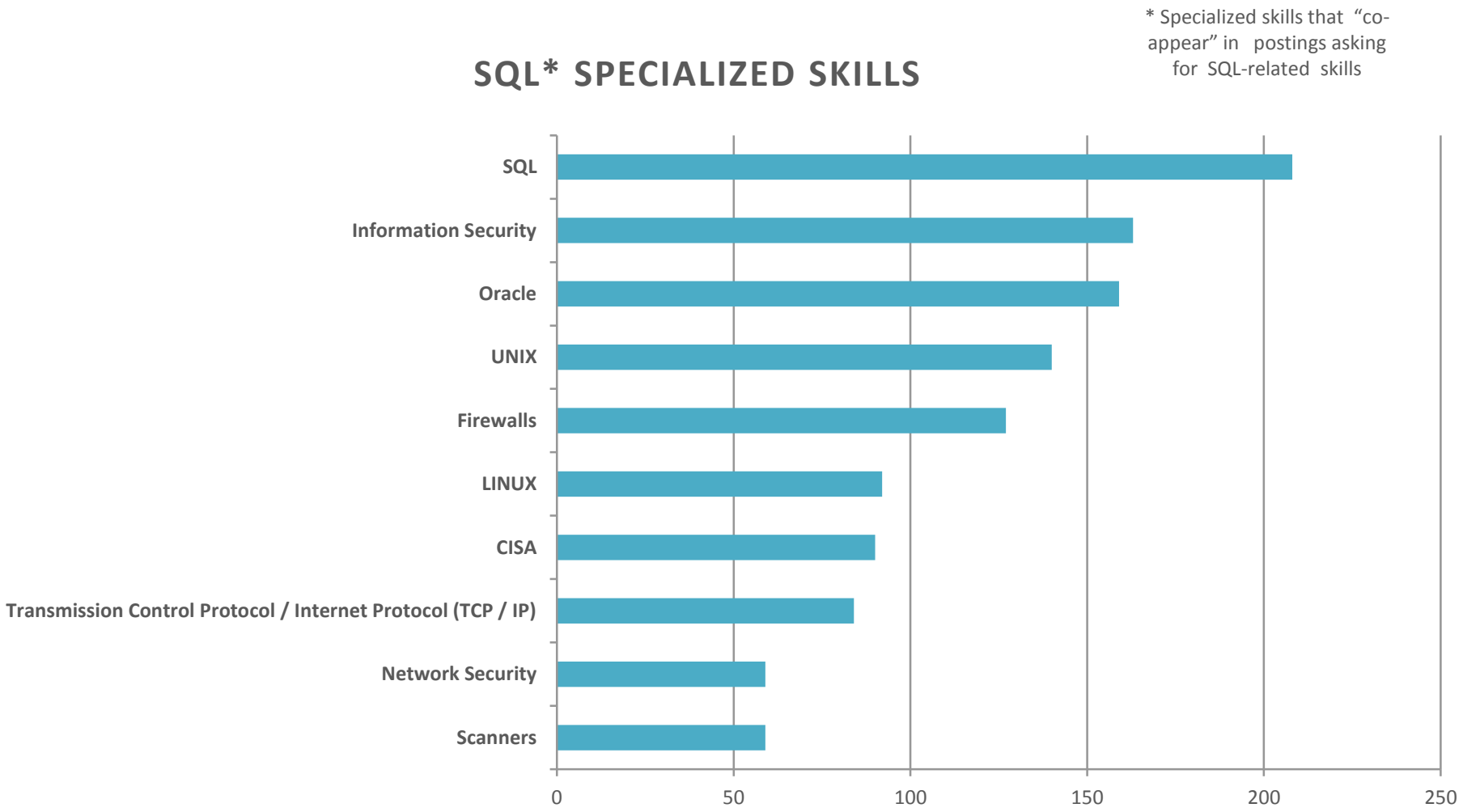
TECHNOLOGY: INTERNET SECURITY

* Specialized skills that "co-appear" in postings asking for Oracle-related skills



TECHNOLOGY: INTERNET SECURITY

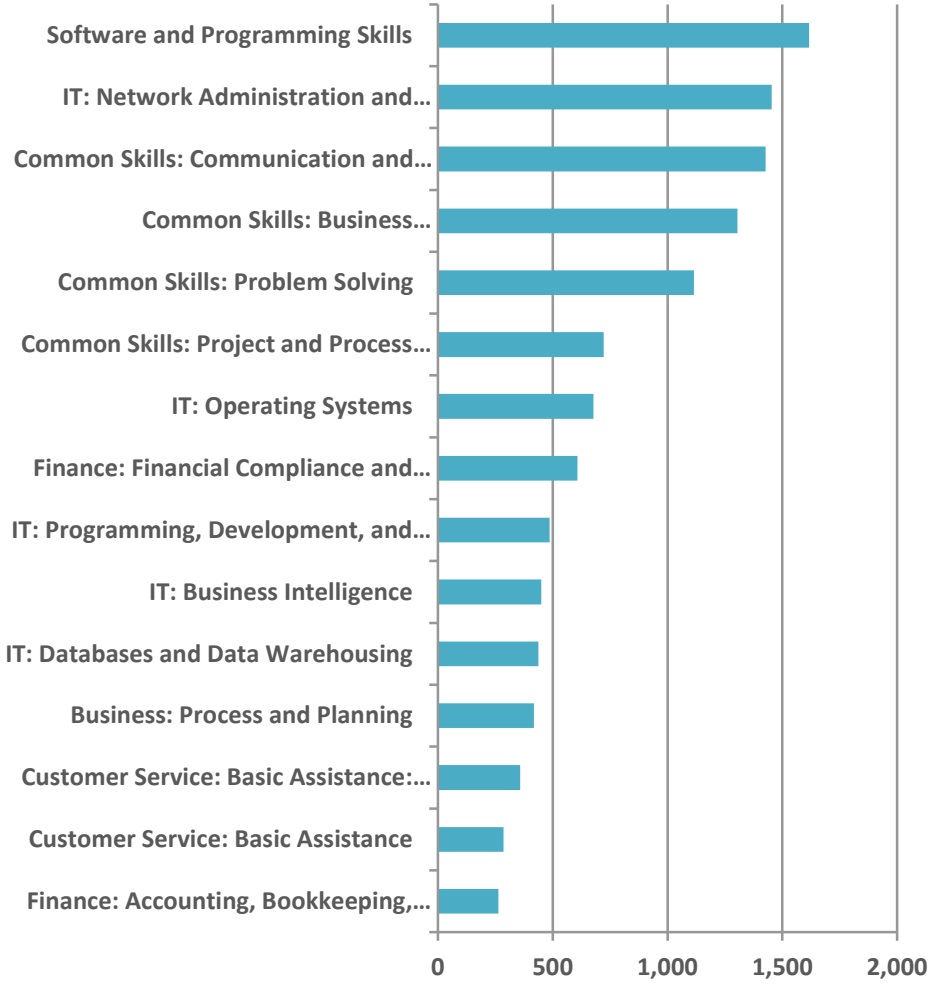
* Specialized skills that "co-appear" in postings asking for SQL-related skills



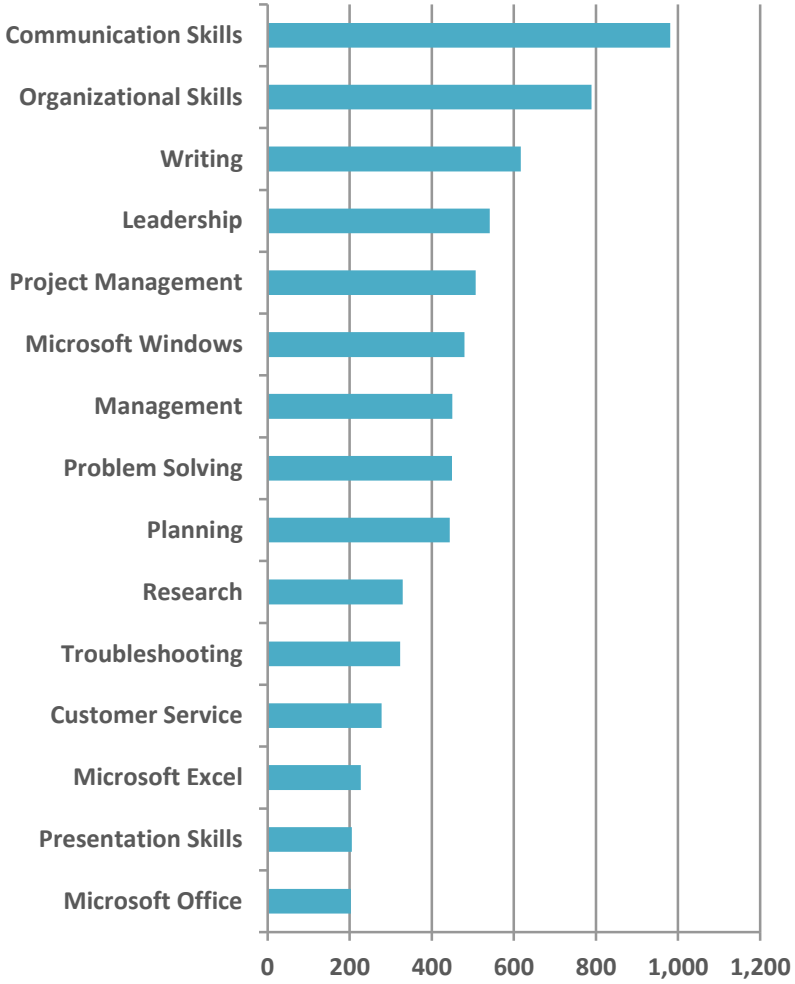
Total Postings: Last 12 months (November 2013-November 2014)

TECHNOLOGY: INTERNET SECURITY

TOP SKILL CLUSTERS



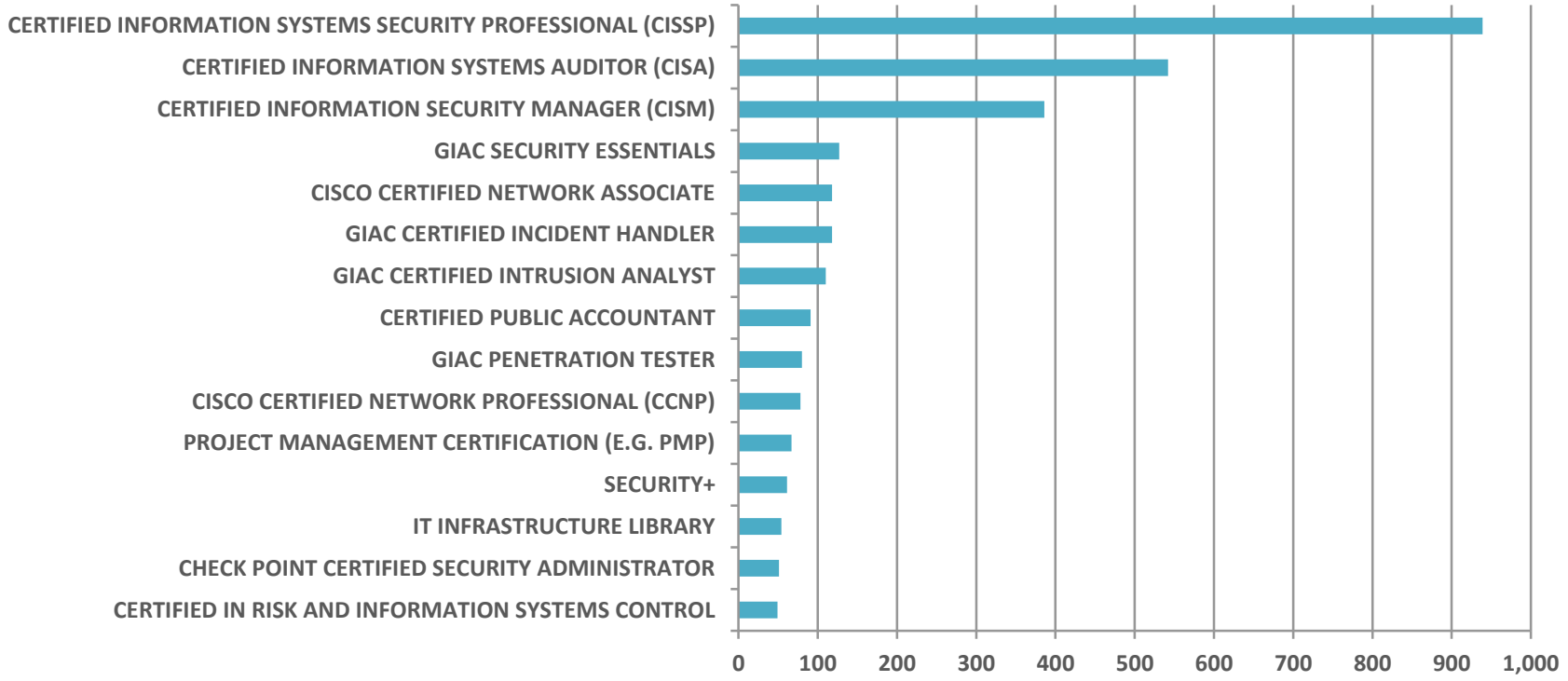
TOP BASELINE SKILLS



TECHNOLOGY: INTERNET SECURITY

MINIMAL EDUCATIONAL REQUIREMENTS

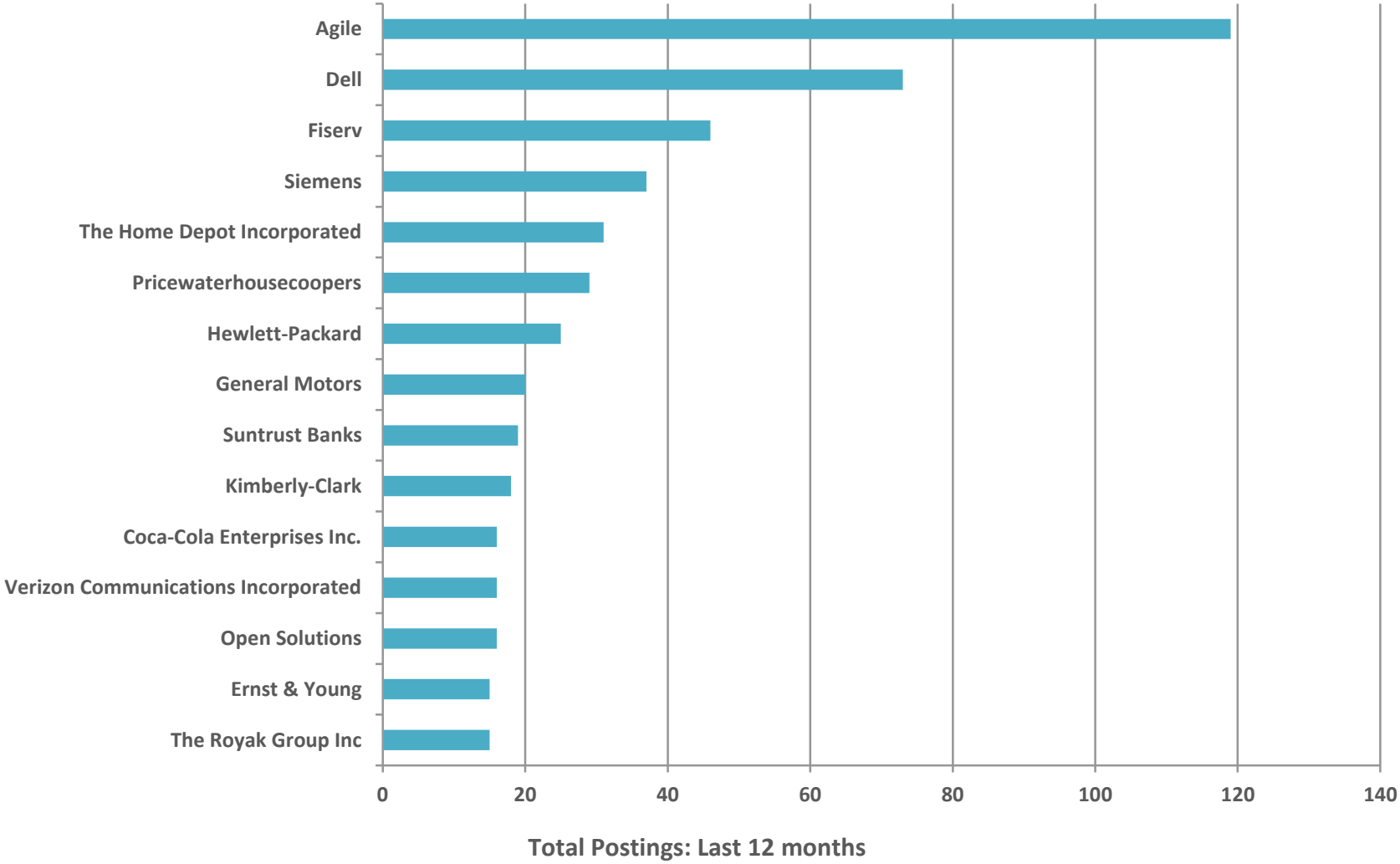
TOP CERTIFICATIONS



Total Postings: Last 12 months

TECHNOLOGY: INTERNET SECURITY

Top Employers



TECHNOLOGY: DIGITAL MEDIA AND GAMING

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

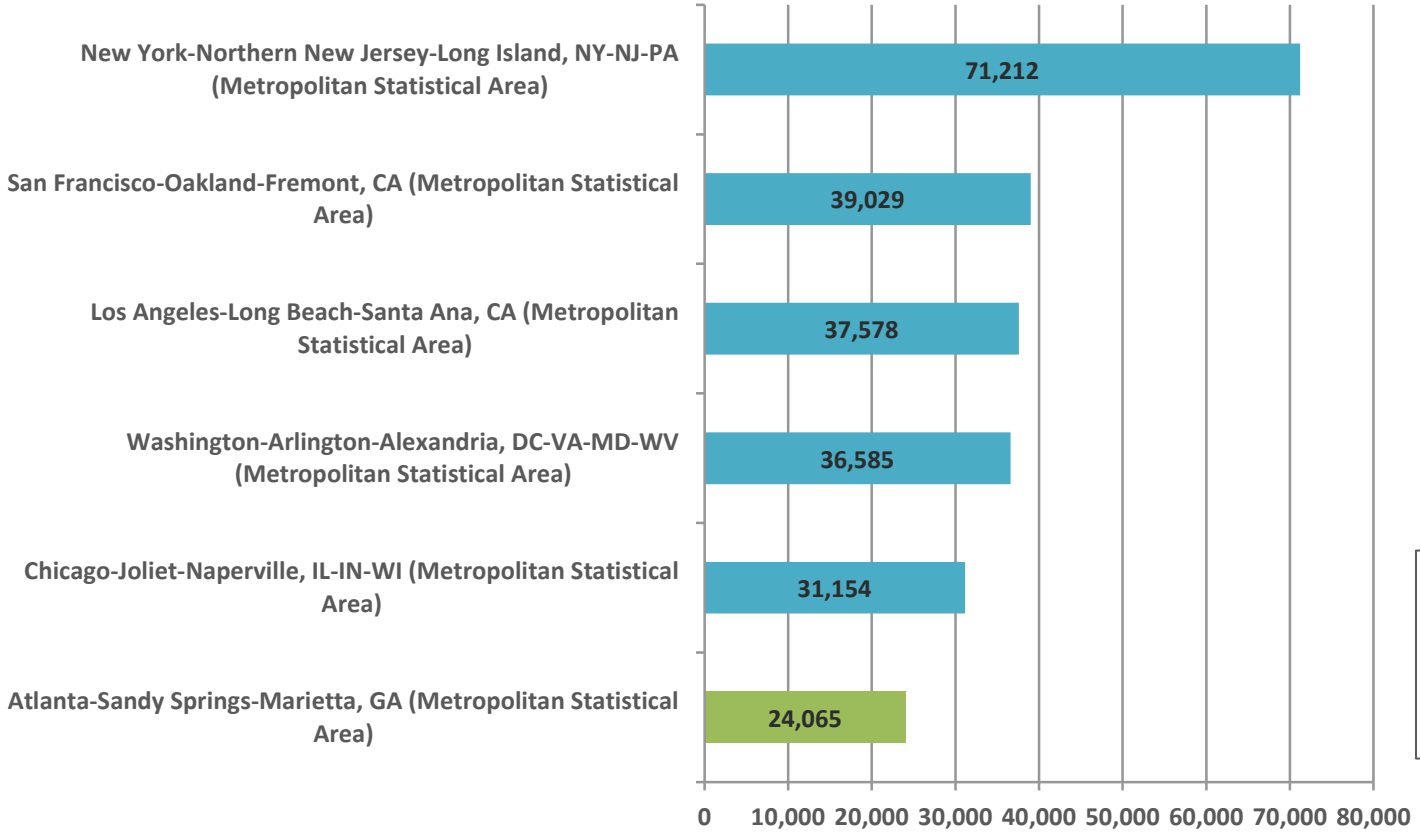
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

Digital Media and Gaming

Digital media jobs cover the essential skill sets of the digital design economy including visual design, video production, digital strategy, web journalism and publishing, web production and game design.

TECHNOLOGY: DIGITAL MEDIA

Top 5 MSAs + Atlanta



Atlanta ranks 9th in the nation.

Total Postings: 2013

TECHNOLOGY: DIGITAL MEDIA

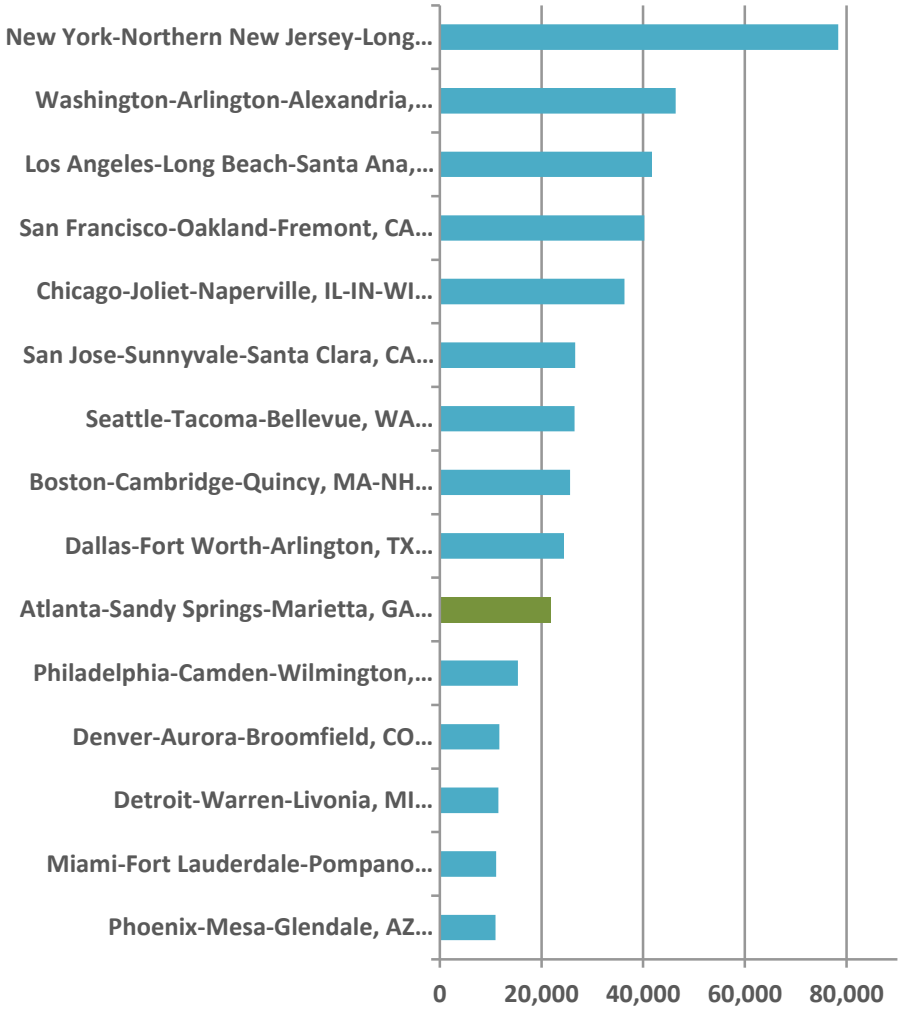
Digital Media: Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 9th among MSAs in digital media postings, up from 11th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 7, 162 in 2007 to 24,065 in 2013
  - This 236% increase compares to 188% growth in the nation on the whole
  - Atlanta's national share of info security jobs increased from 3.0% in 2007 to 3.5% in 2013
  - The 236% is higher than four of the top five MSAs in this type of posting—Chicago is the exception
- From 2010 to 2013, digital media postings in Atlanta have increased 48% (nearly 7,800 "new" postings)
  - This compares to about 27% growth in the nation on the whole
  - The 48% is higher than all other of the top five MSAs in this type of posting in this type of posting

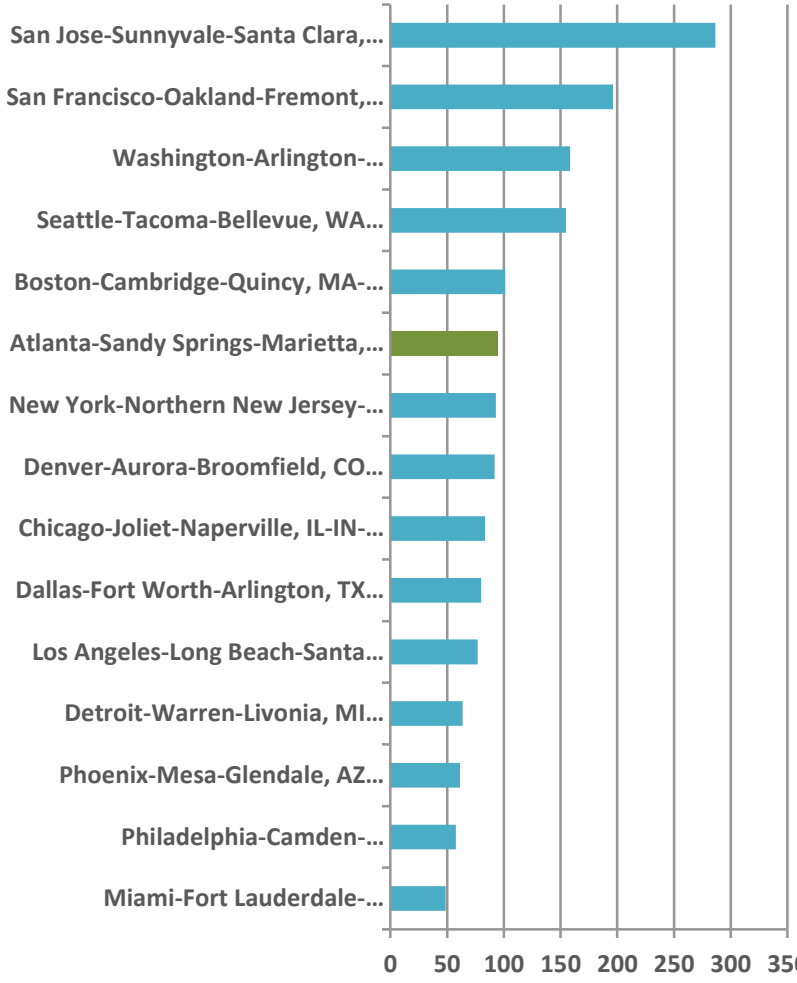
TECHNOLOGY: DIGITAL MEDIA

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

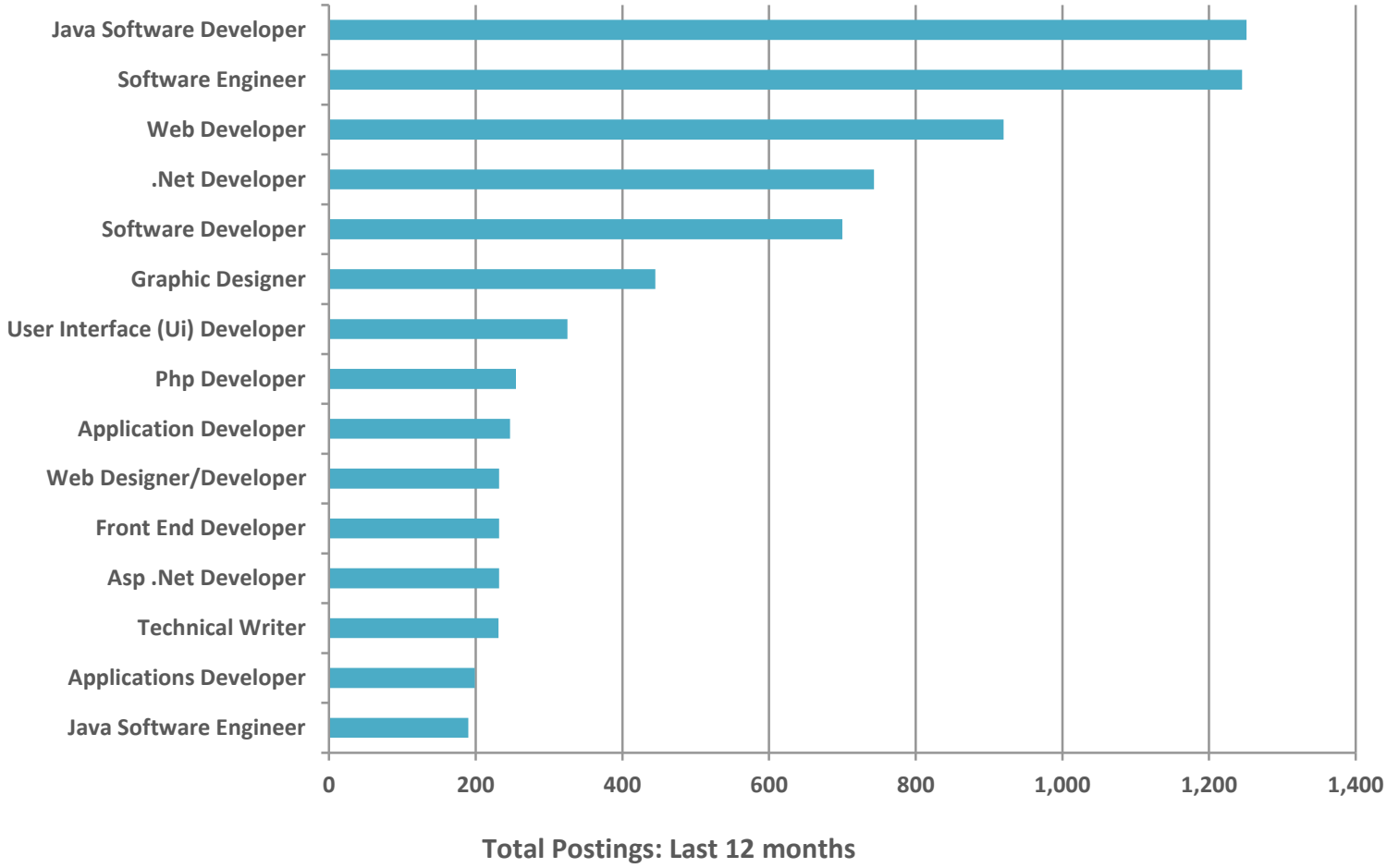
POSTINGS PER CAPITA



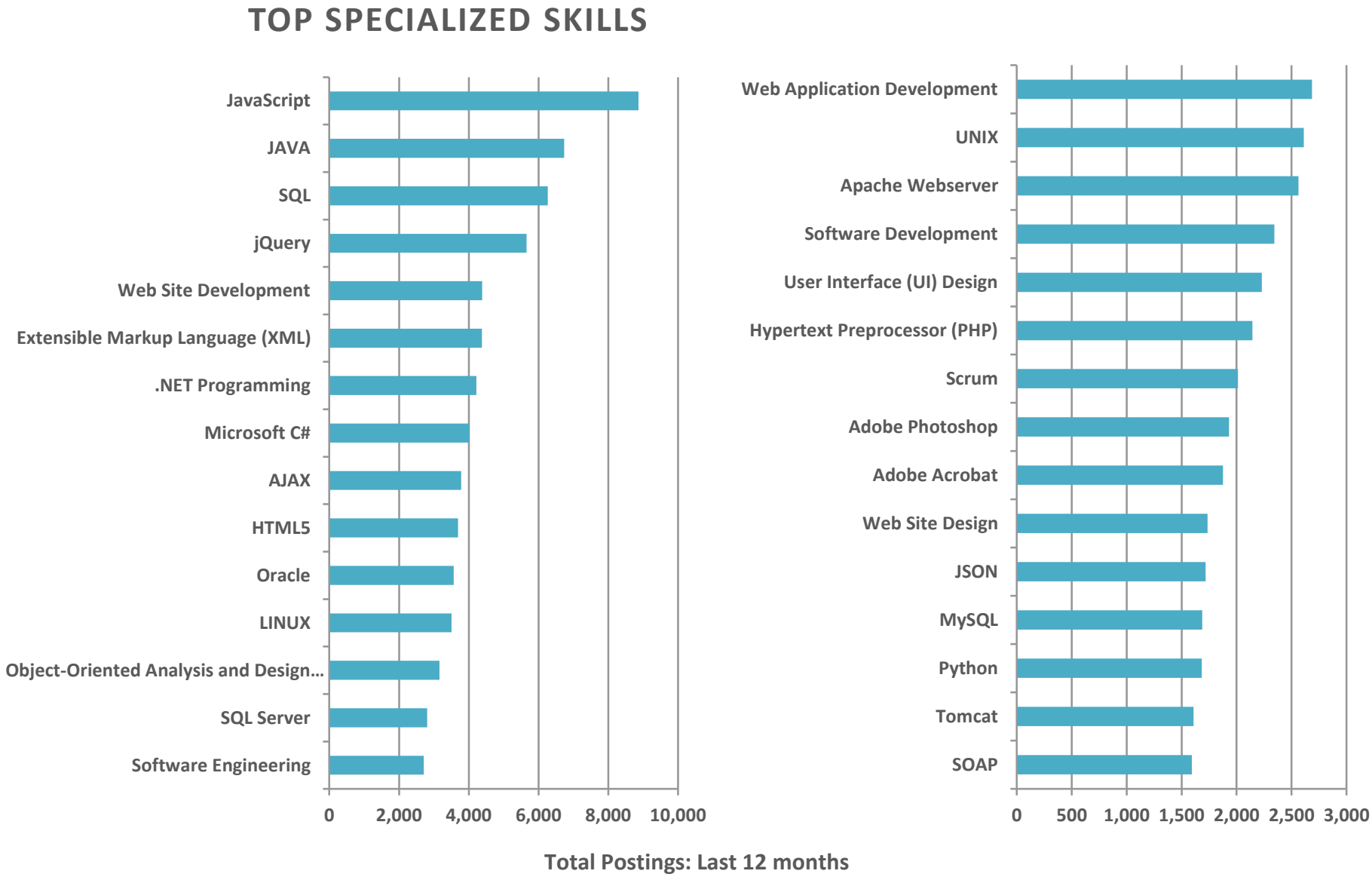
Postings Per 10,000 Working-Age Residents: Last 12 months

TECHNOLOGY: DIGITAL MEDIA

Top Titles

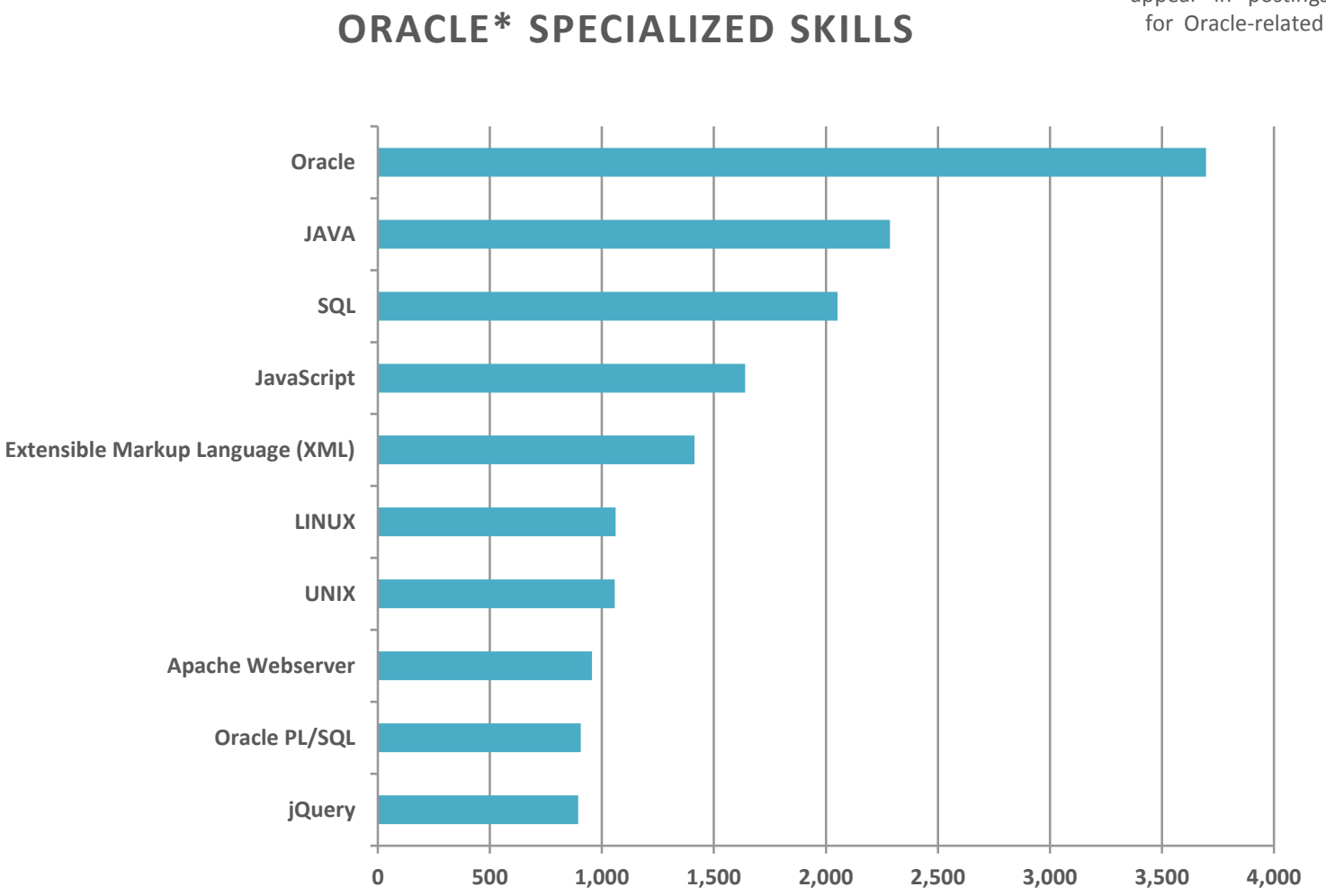


TECHNOLOGY: DIGITAL MEDIA



TECHNOLOGY: DIGITAL MEDIA

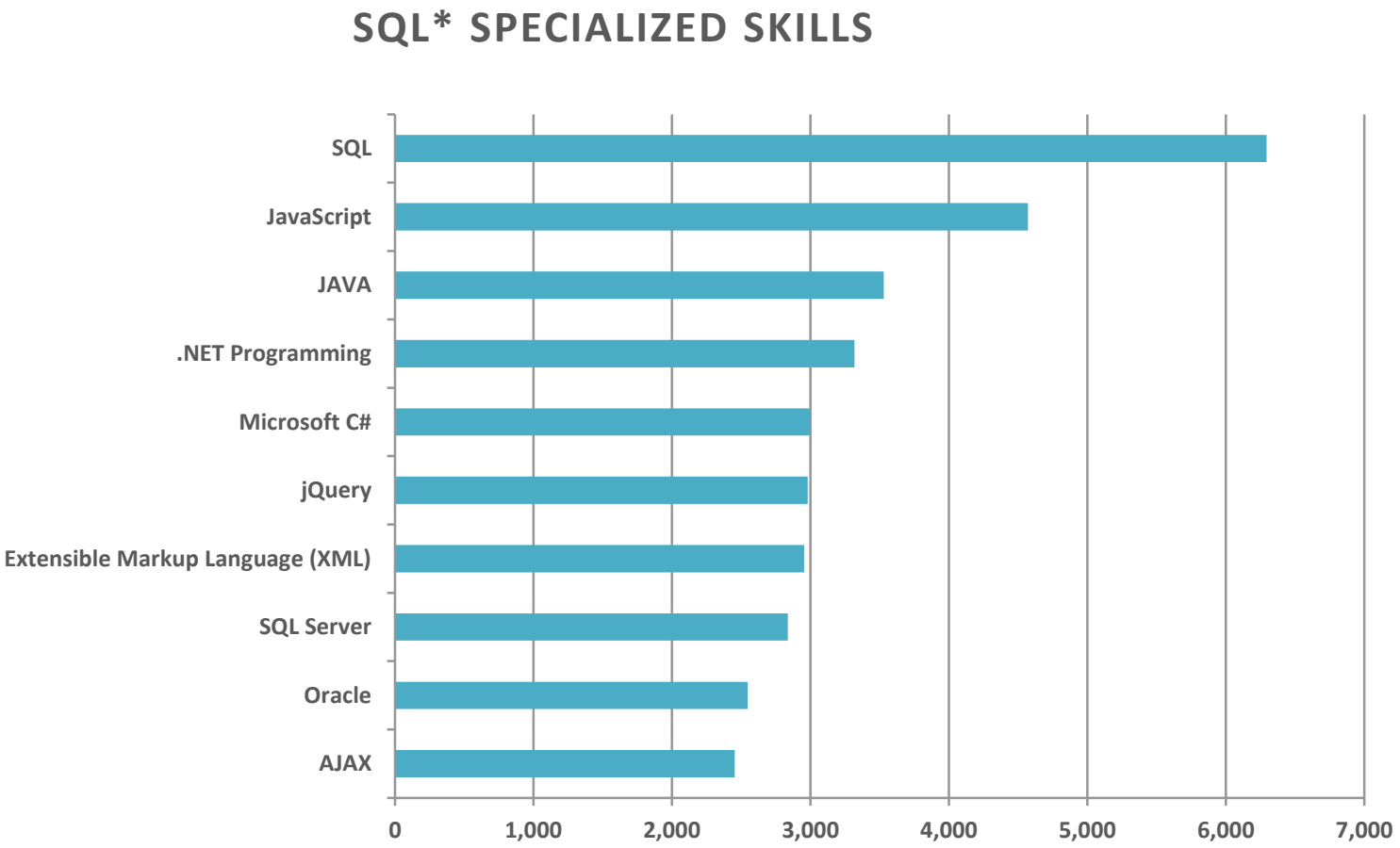
* Specialized skills that "co-appear" in postings asking for Oracle-related skills



Total Postings: Last 12 months (November 2013-November 2014)

TECHNOLOGY: DIGITAL MEDIA

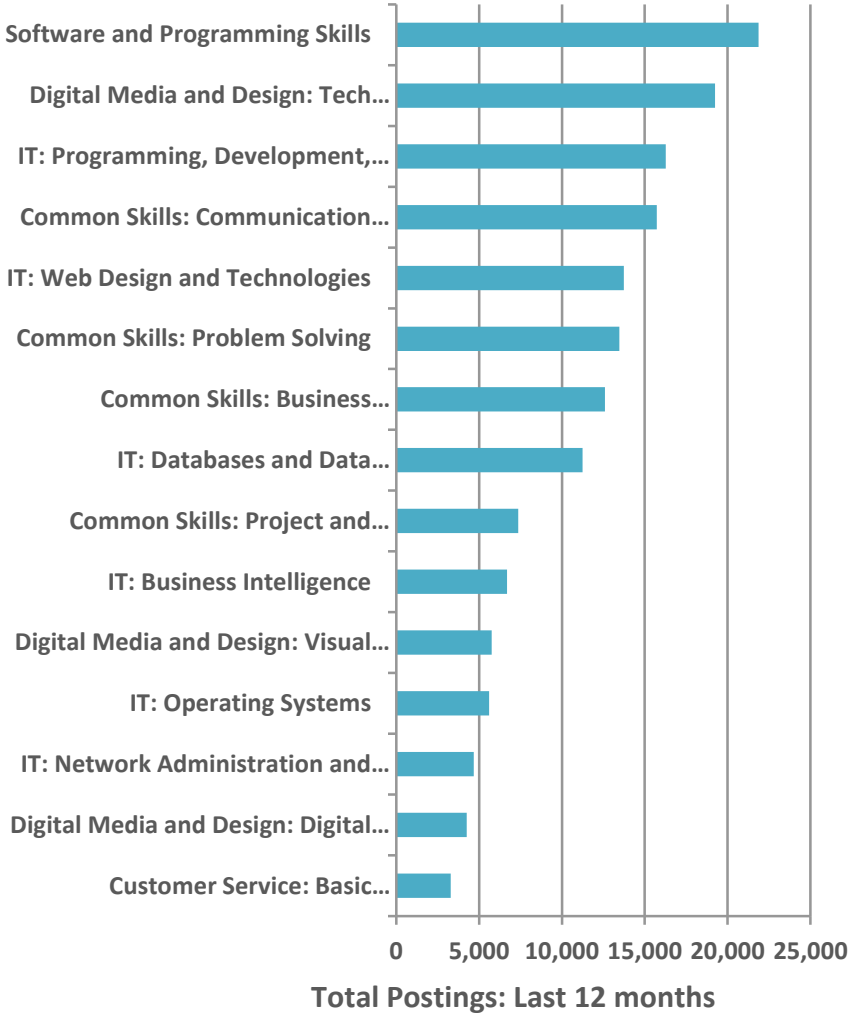
* Specialized skills that "co-appear" in postings asking for SQL-related skills



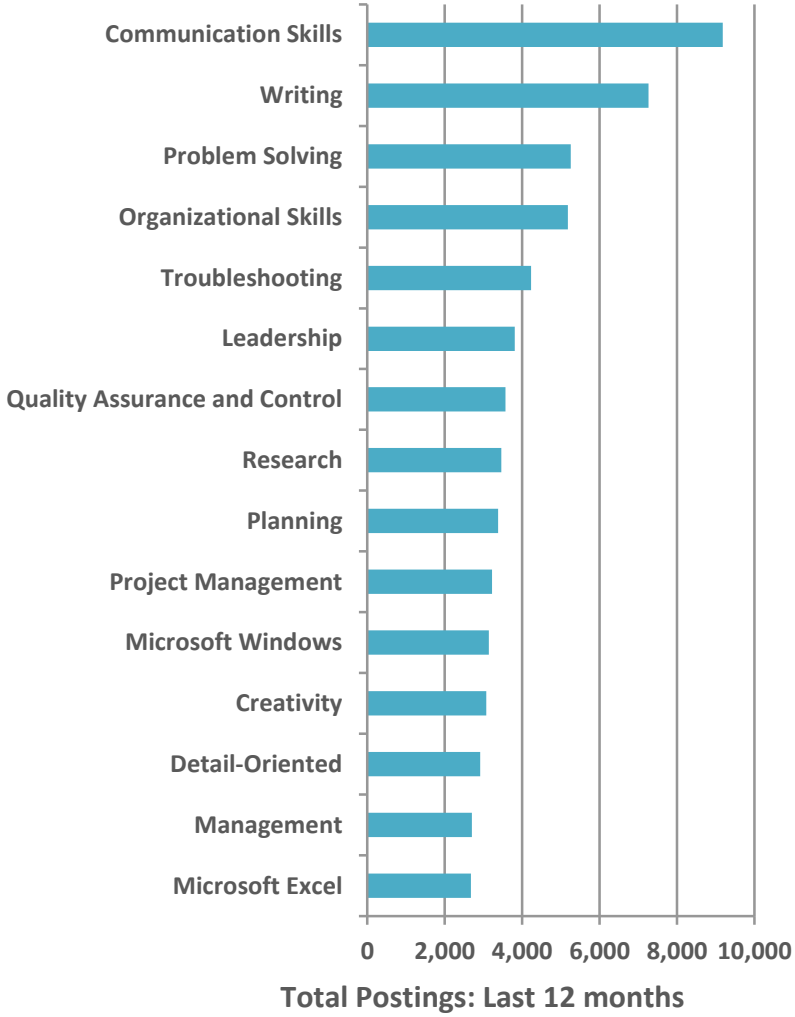
Total Postings: Last 12 months (November 2013-November 2014)

TECHNOLOGY: DIGITAL MEDIA

TOP SKILL CLUSTERS



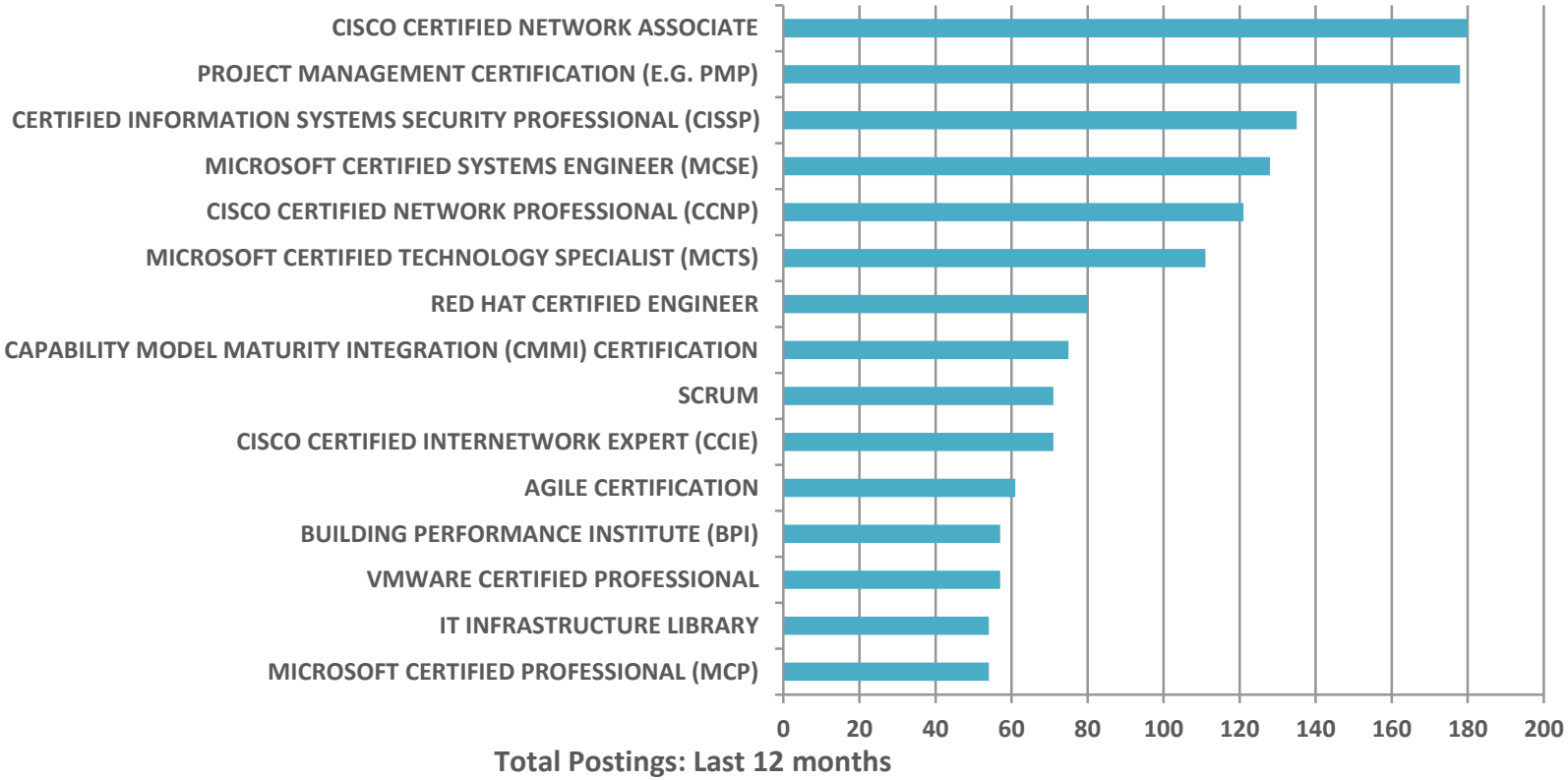
TOP BASELINE SKILLS



TECHNOLOGY: DIGITAL MEDIA

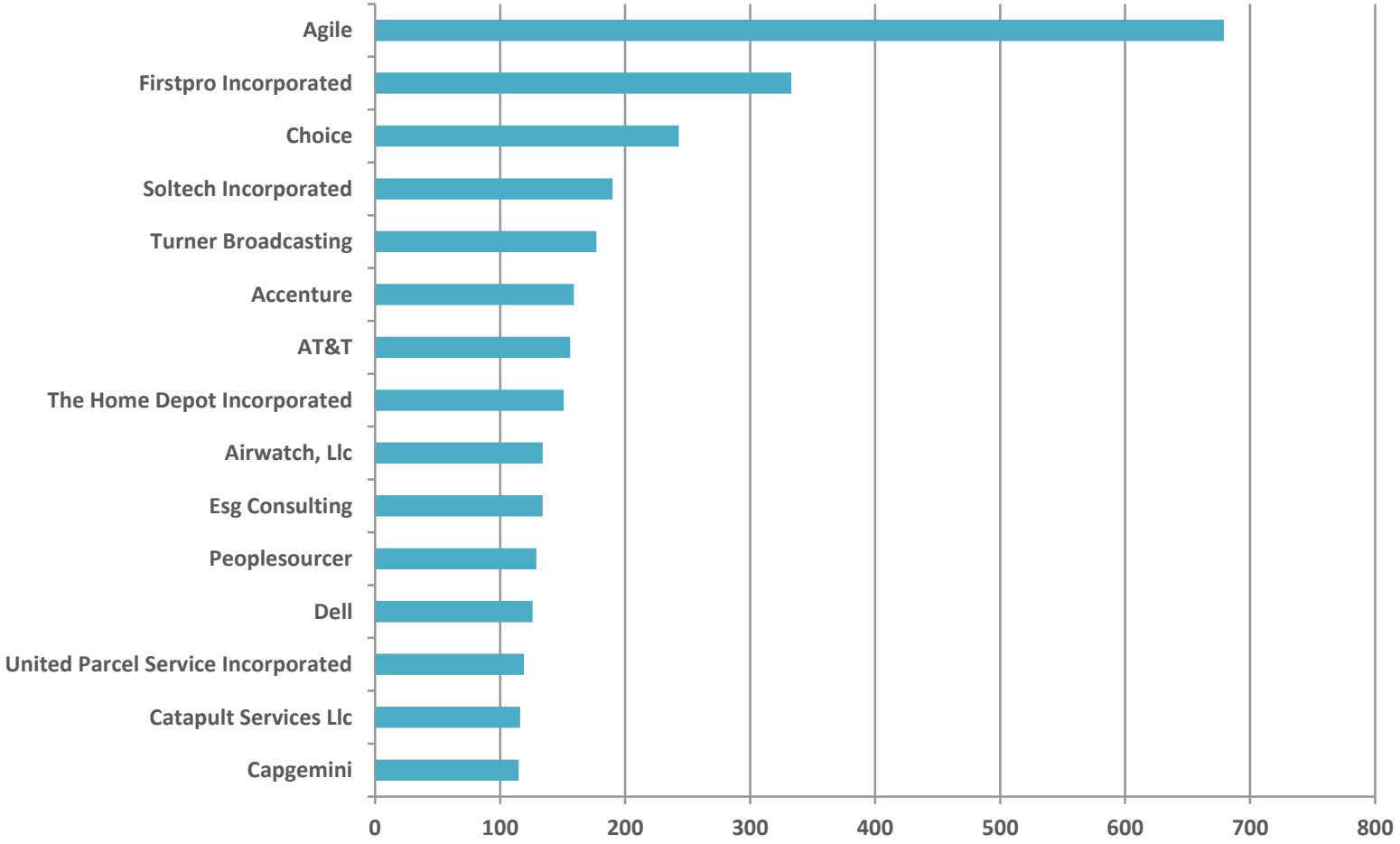
MINIMUM EDUCATIONAL REQUIREMENTS

CERTIFICATIONS REQUIRED



TECHNOLOGY: DIGITAL MEDIA

Top Employers



Total Postings: Last 12 months

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

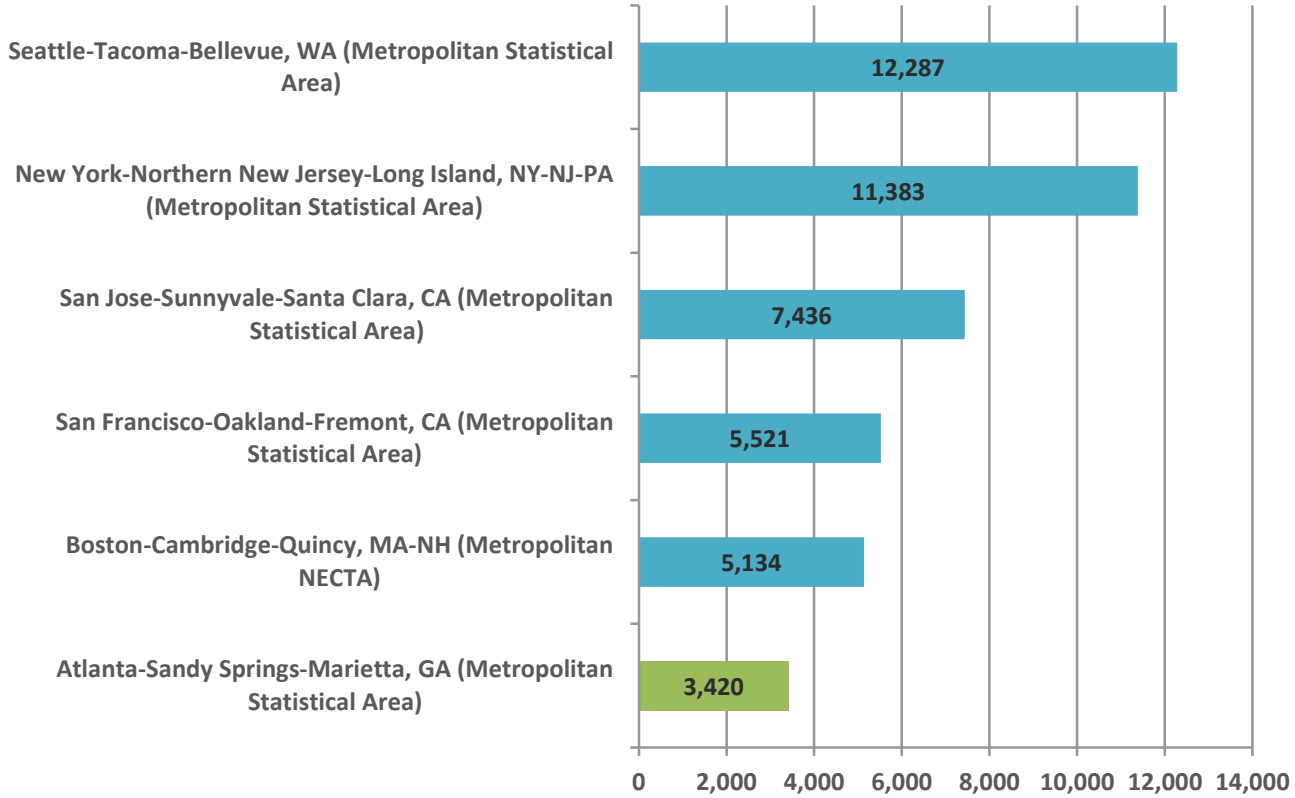
TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

Financial Transactions Processing

Financial transactions processing jobs cover IT back office jobs such as system administrators, database administrators, software developers, and analysts in the data processing, accounting, finance, and banking industries.

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

Top 5 MSA Job Postings + Atlanta



Total Postings: Last 12 months

Atlanta ranks 11th in the nation.

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

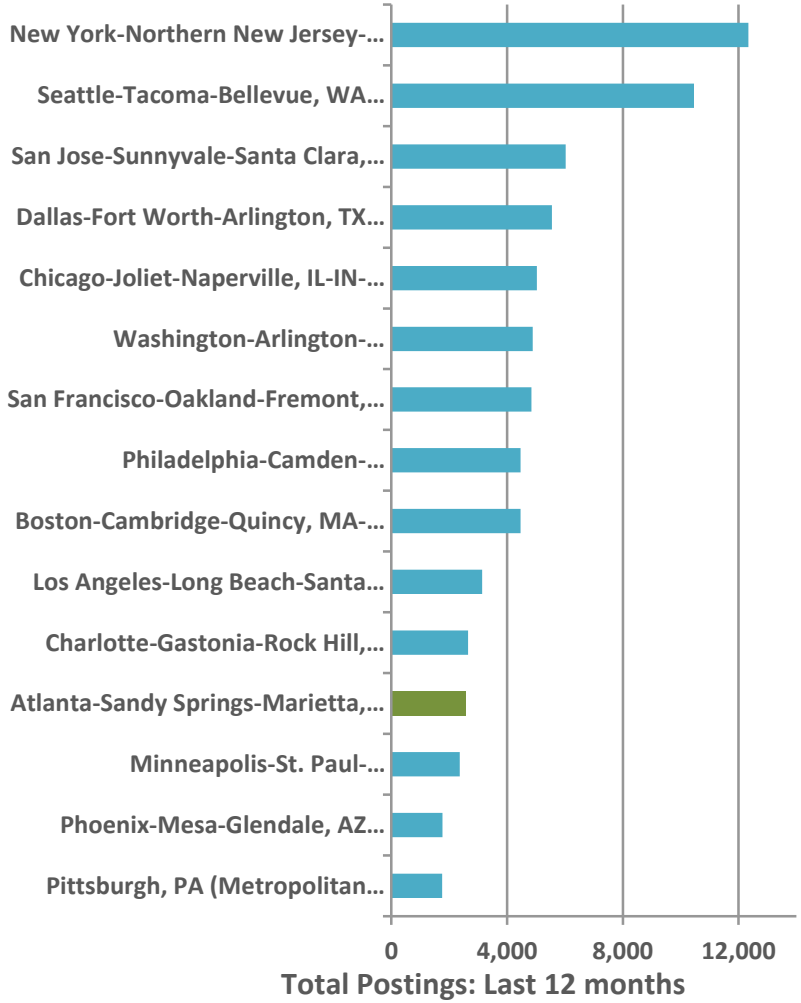
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 11th among MSAs in financial transactions postings, up from 12th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 2,297 in 2007 to 3, 420 in 2013
  - This 49% increase compares to 24 % growth in the nation on the whole
  - Atlanta's national share of financial transactions jobs increased from 2.3% in 2007 to 2.7% in 2013
  - The 49% trails percent growth in two of the top five MSAs in this type of posting—Seattle and San Jose
- From 2010 to 2013, financial transactions postings in Atlanta have increased 36.3% (nearly 1,000 "new" postings)
  - This is roughly equal to percentage growth (36.6%) in the nation on the whole
  - The 36% is lower than in four of the top five MSAs in this type of posting—higher than New York though

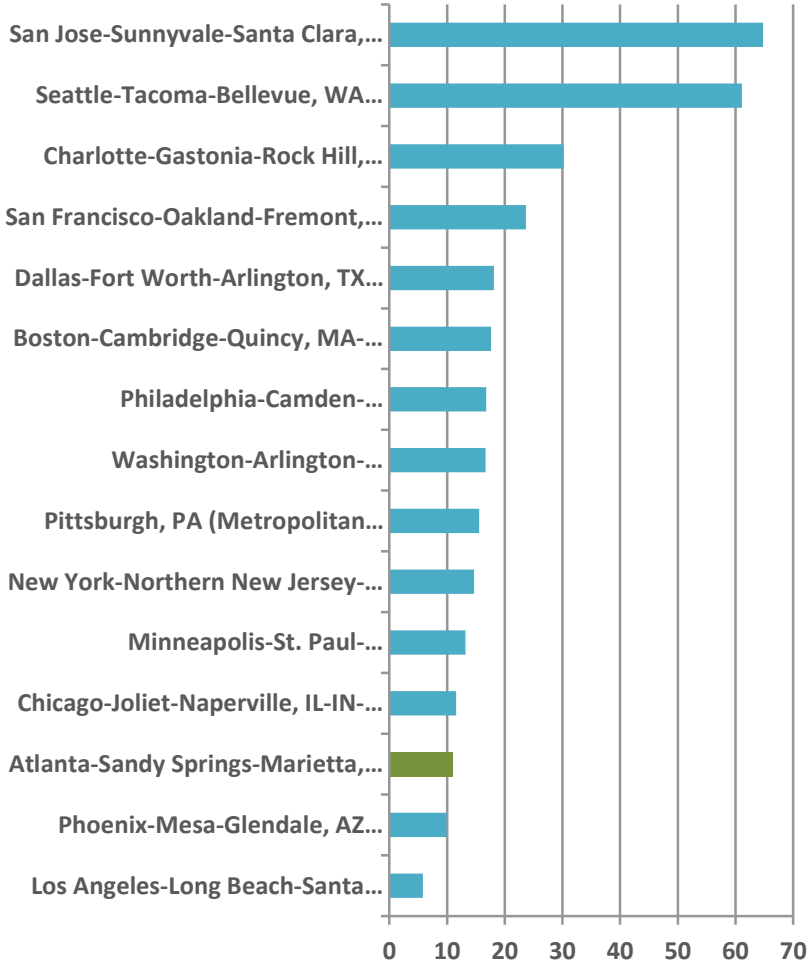
TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

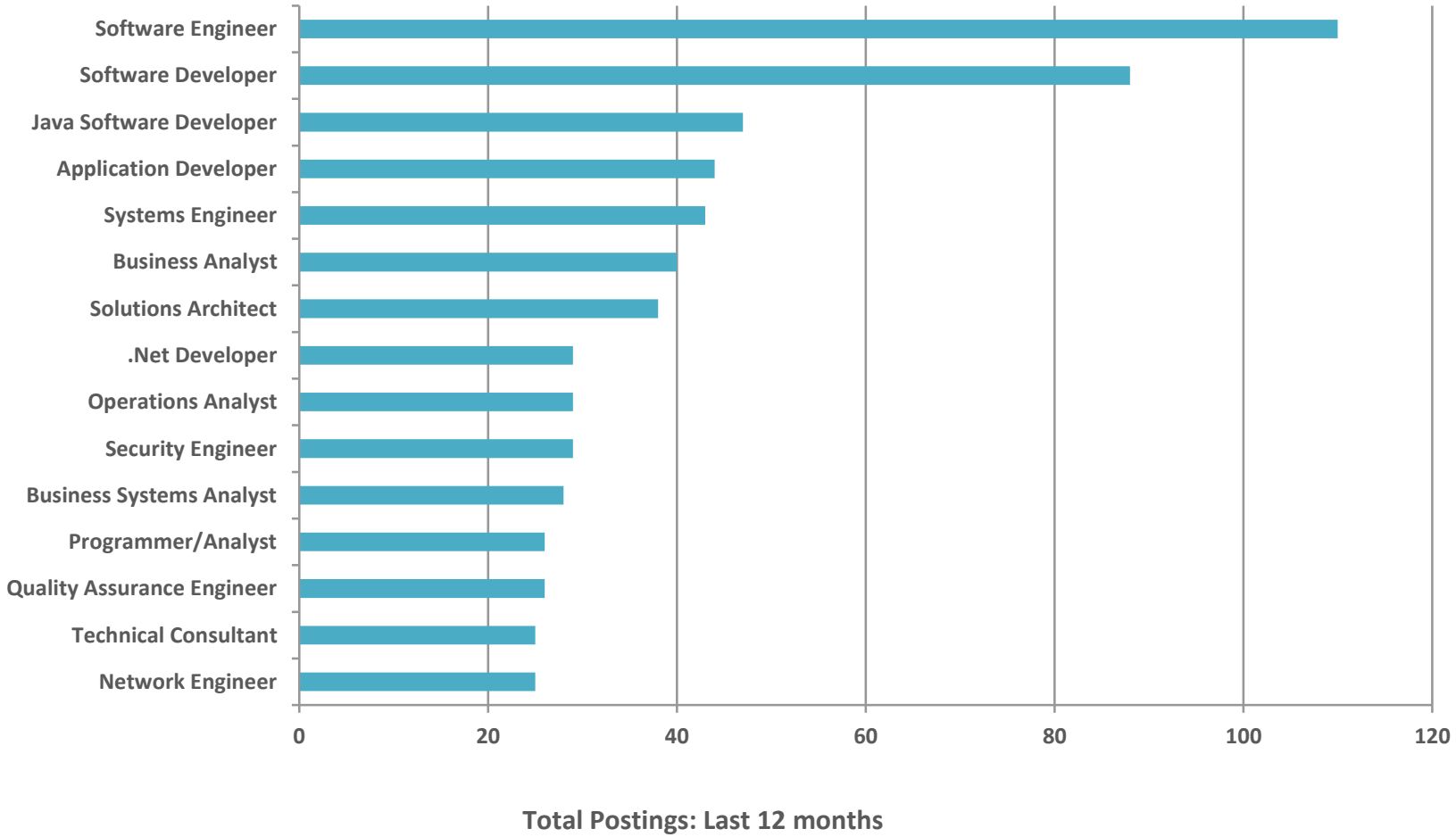
LOCATIONS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

Top Titles

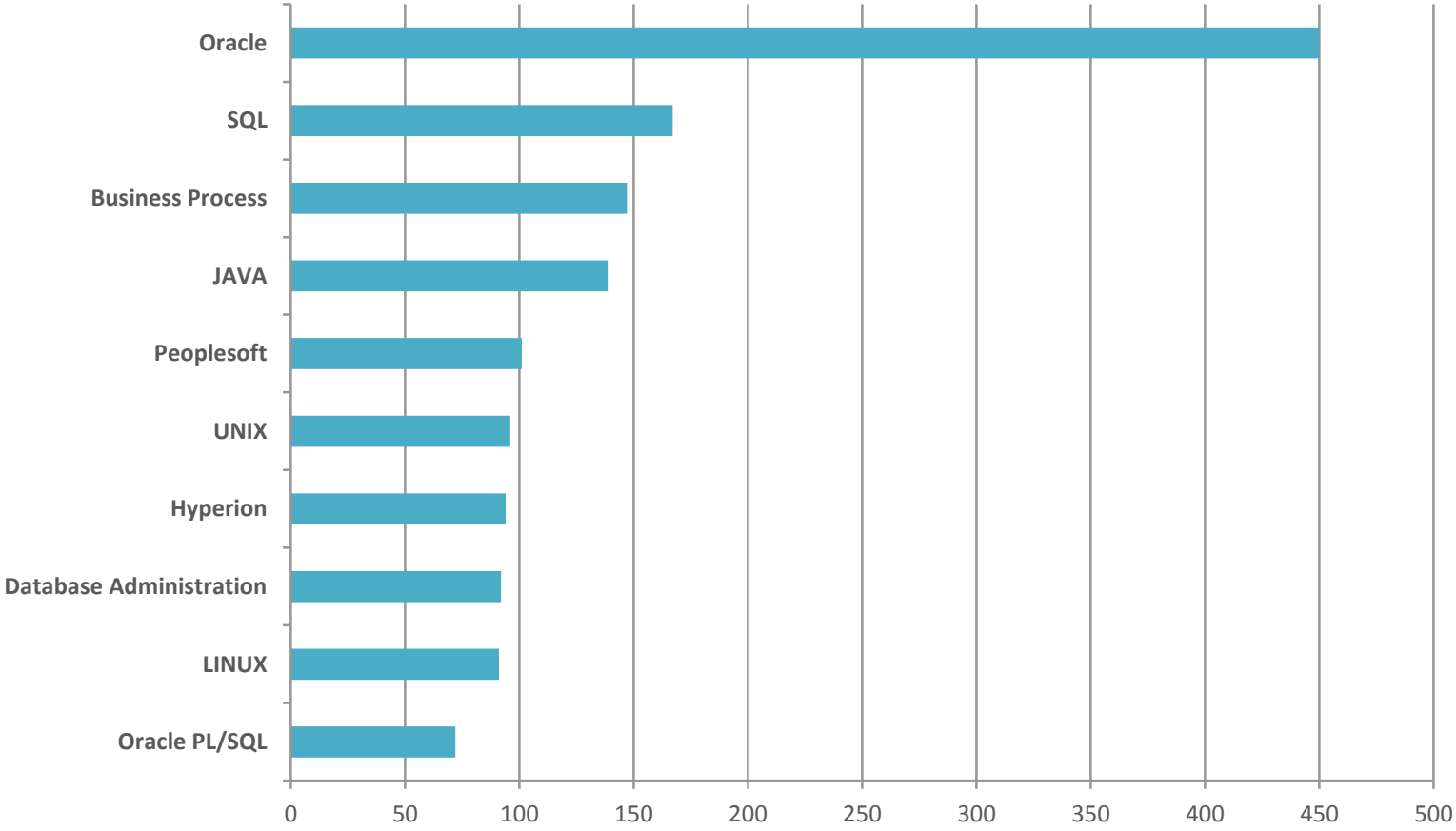


TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

* Specialized skills that "co-appear" in postings asking for Oracle-related skills

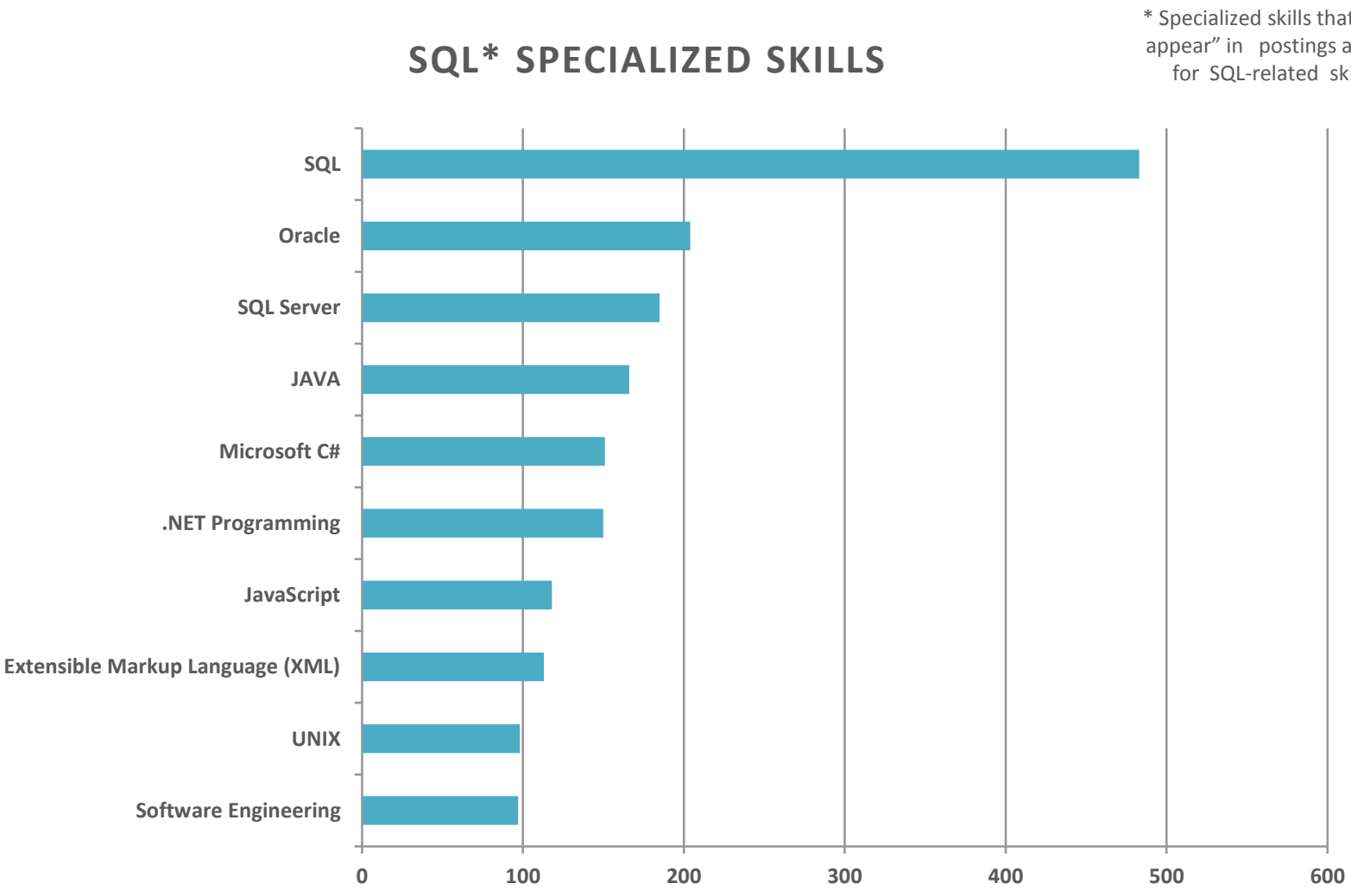
ORACLE* SPECIALIZED SKILLS



Total Postings: Last 12 months (November 2013-November 2014)

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

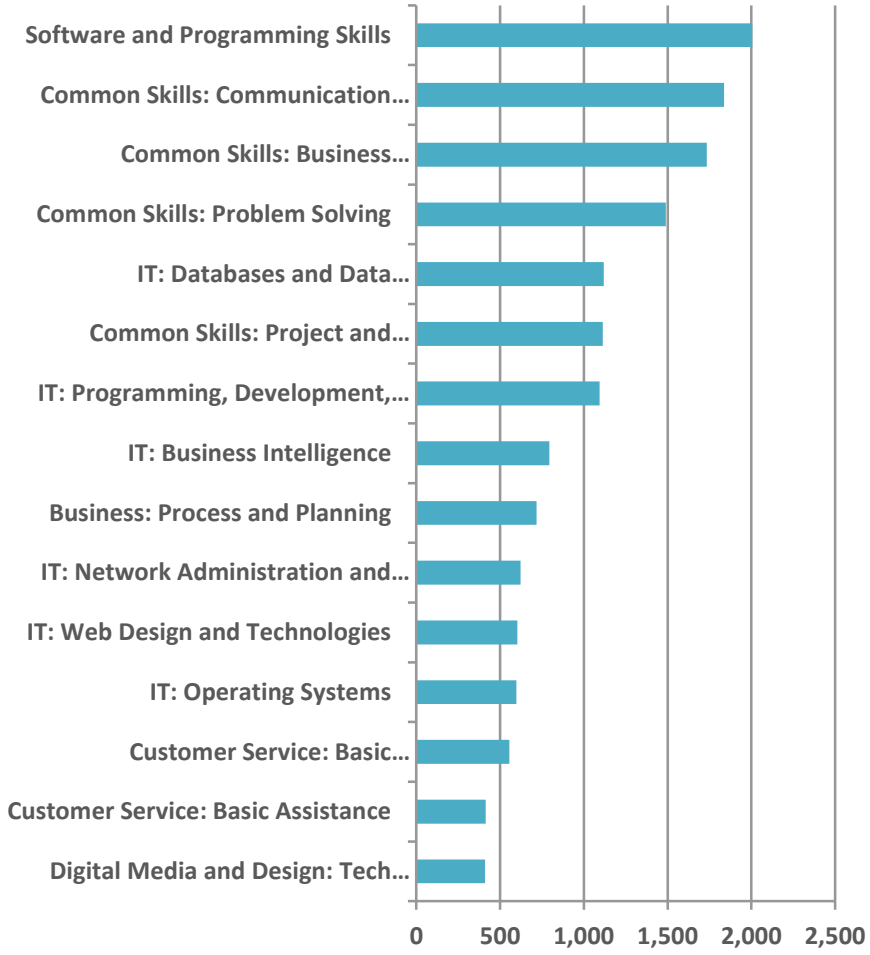
* Specialized skills that "co-appear" in postings asking for SQL-related skills



Total Postings: Last 12 months (November 2013-November 2014)

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

TOP SKILL CLUSTERS



Total Postings: Last 12 months

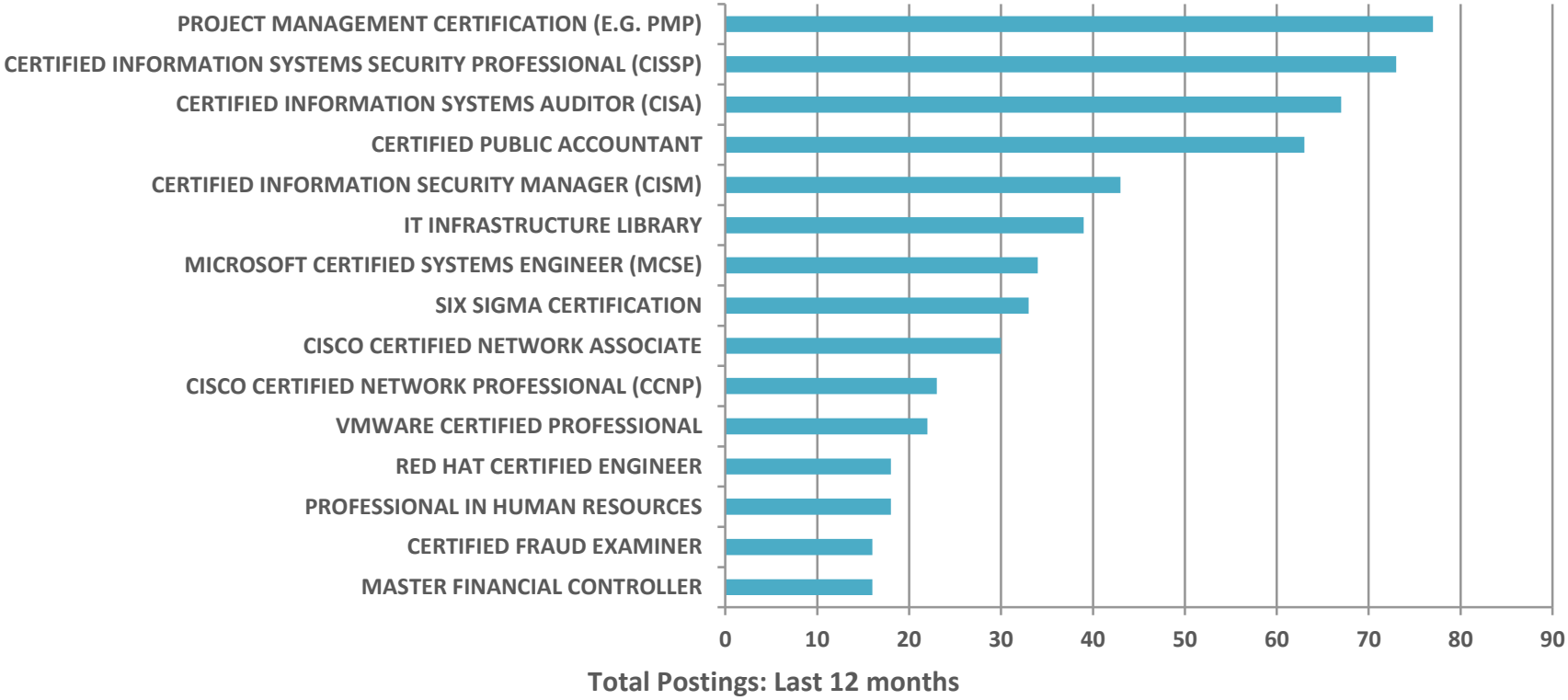
TOP BASELINE SKILLS

Total Postings: Last 12 months

TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

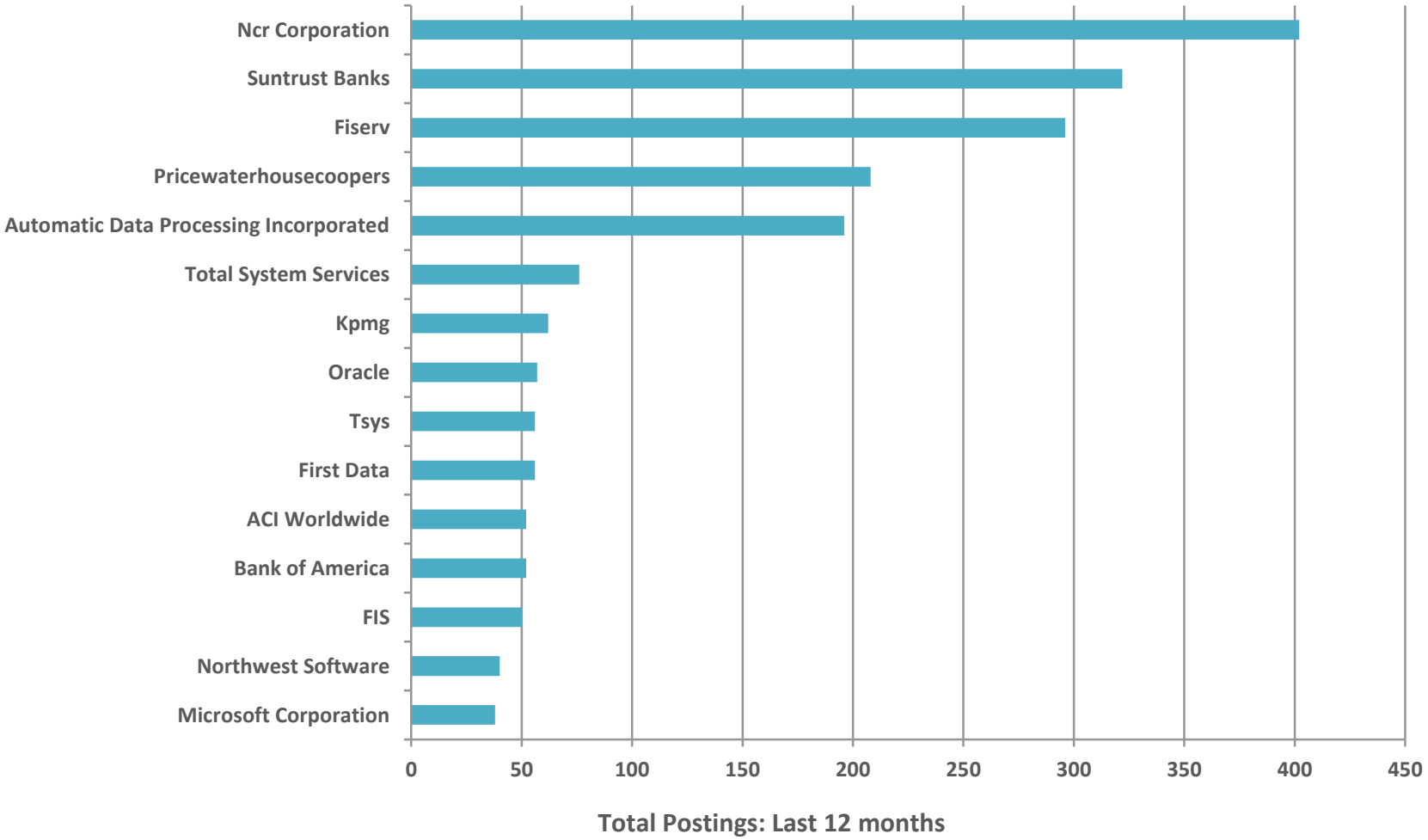
MINIMUM EDUCATION REQUIREMENTS

TOP CERTIFICATIONS



TECHNOLOGY: FINANCIAL TRANSACTIONS PROCESSING

Top Employers



BIOSCIENCE HEALTH IT SOFTWARE DEVELOPMENT

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. **Health IT Software Development**
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

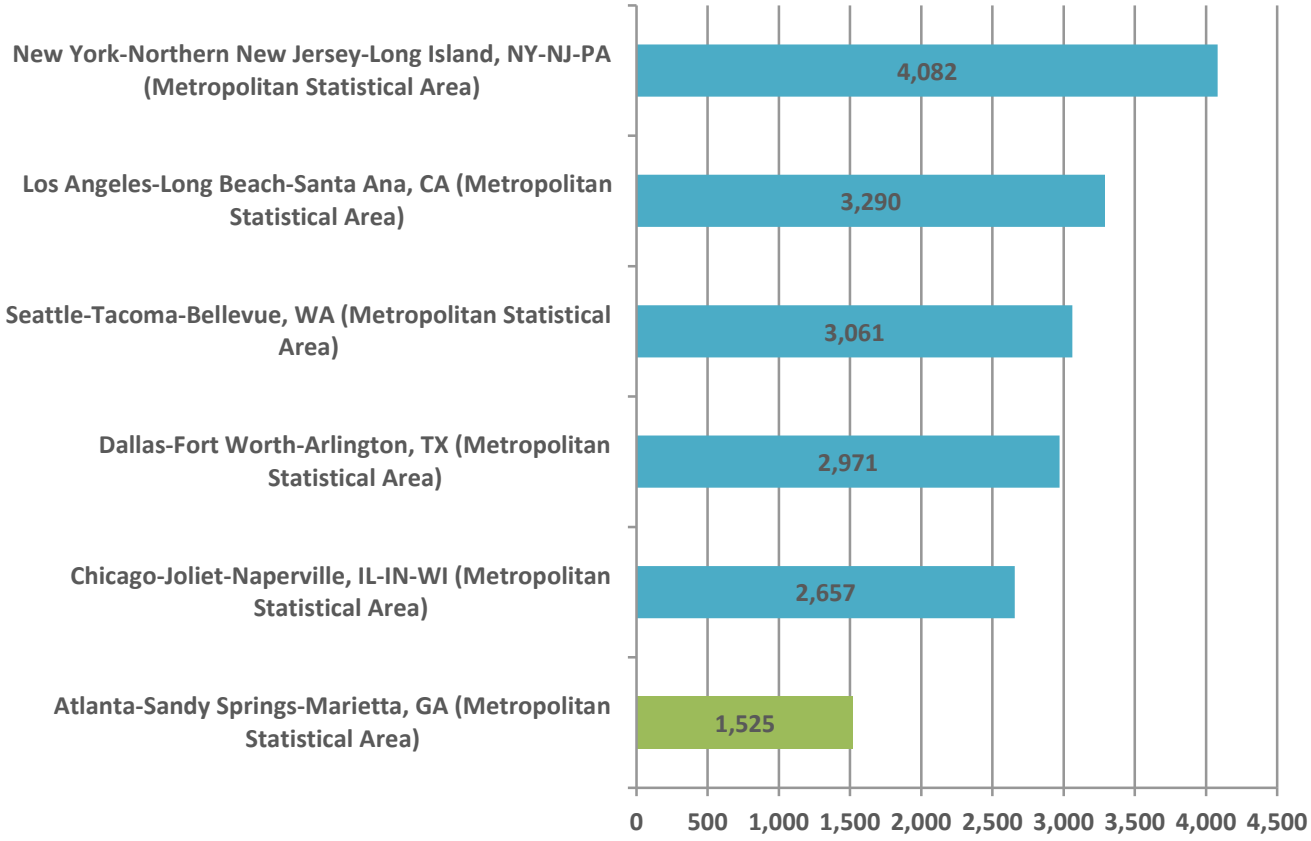
Bioscience

Health IT Software Development

The emerging health informatics sector has created a new category of software development roles: producing electronic medical records and clinical decision support software. This field requires a workforce with expertise in bot software development and clinical care.

BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 13th in the nation.

BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

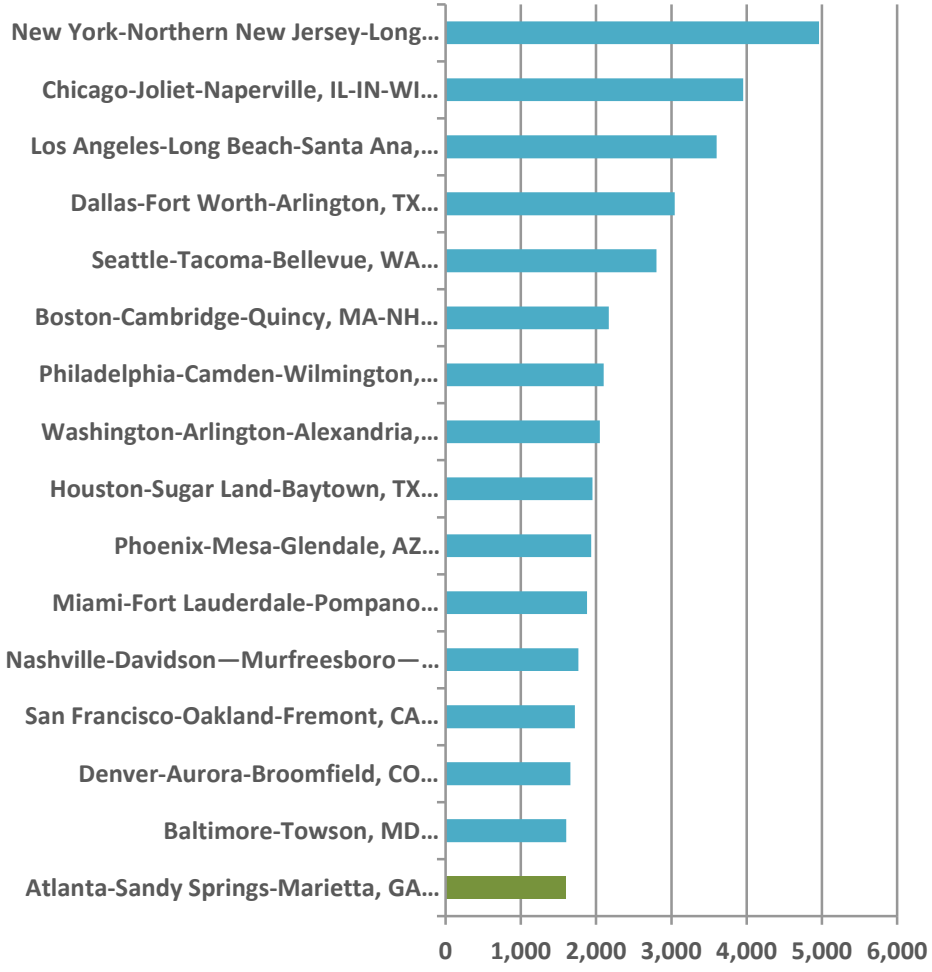
Health IT Software Development: Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 13th among MSAs in health IT software postings, up from 22nd in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 530 in 2007 to 1, 525 in 2013
  - This 188% increase compares to 76% growth in the nation on the whole
  - Atlanta's national share of Health IT software jobs increased from 1.1% in 2007 to 1.8% in 2013
  - The 188% is higher than all other of the top five MSAs in this type of posting
  - There was a drop in postings in this sector 2012-2013, from 2,035 to 1,525 postings
  - From 2007-2012, postings growth was 284% in the Atlanta market
- From 2010 to 2013, with the drop 2012-13, health IT software postings in Atlanta increased 22.3%
  - This is slightly lower than the 23.7% percentage growth in the nation on the whole
  - The 22% is still healthier than trends in two of the top five MSAs in this type of posting—LA and Chicago (LA had a drop 2011-2012 similar to Atlanta's 2012-2013 drop)

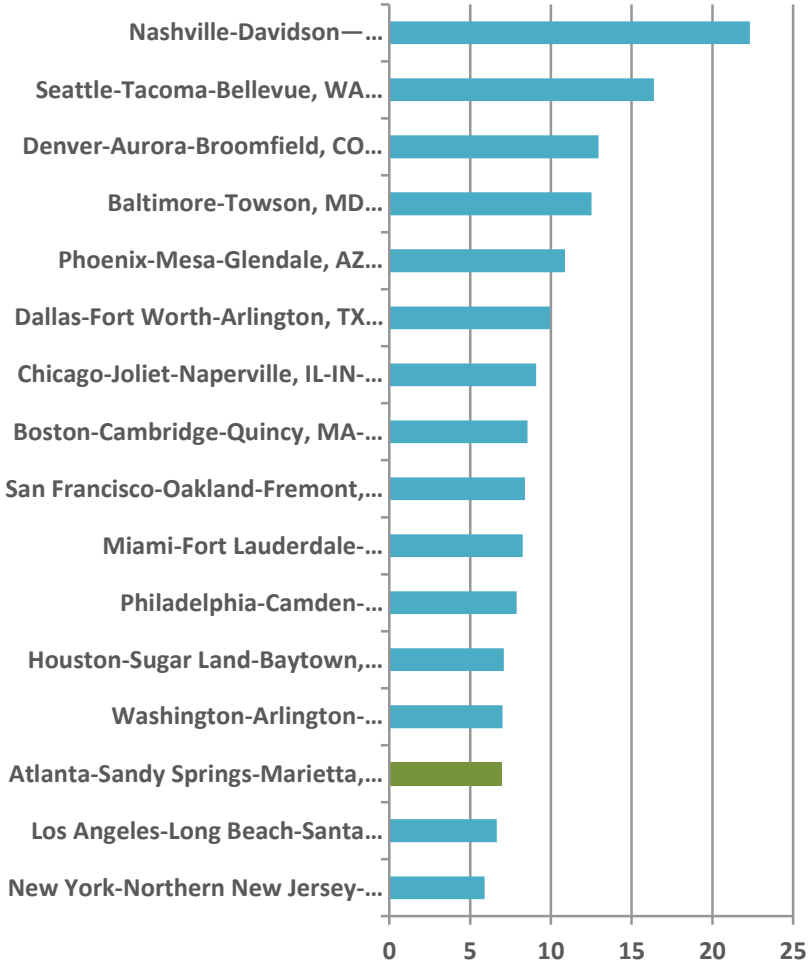
BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

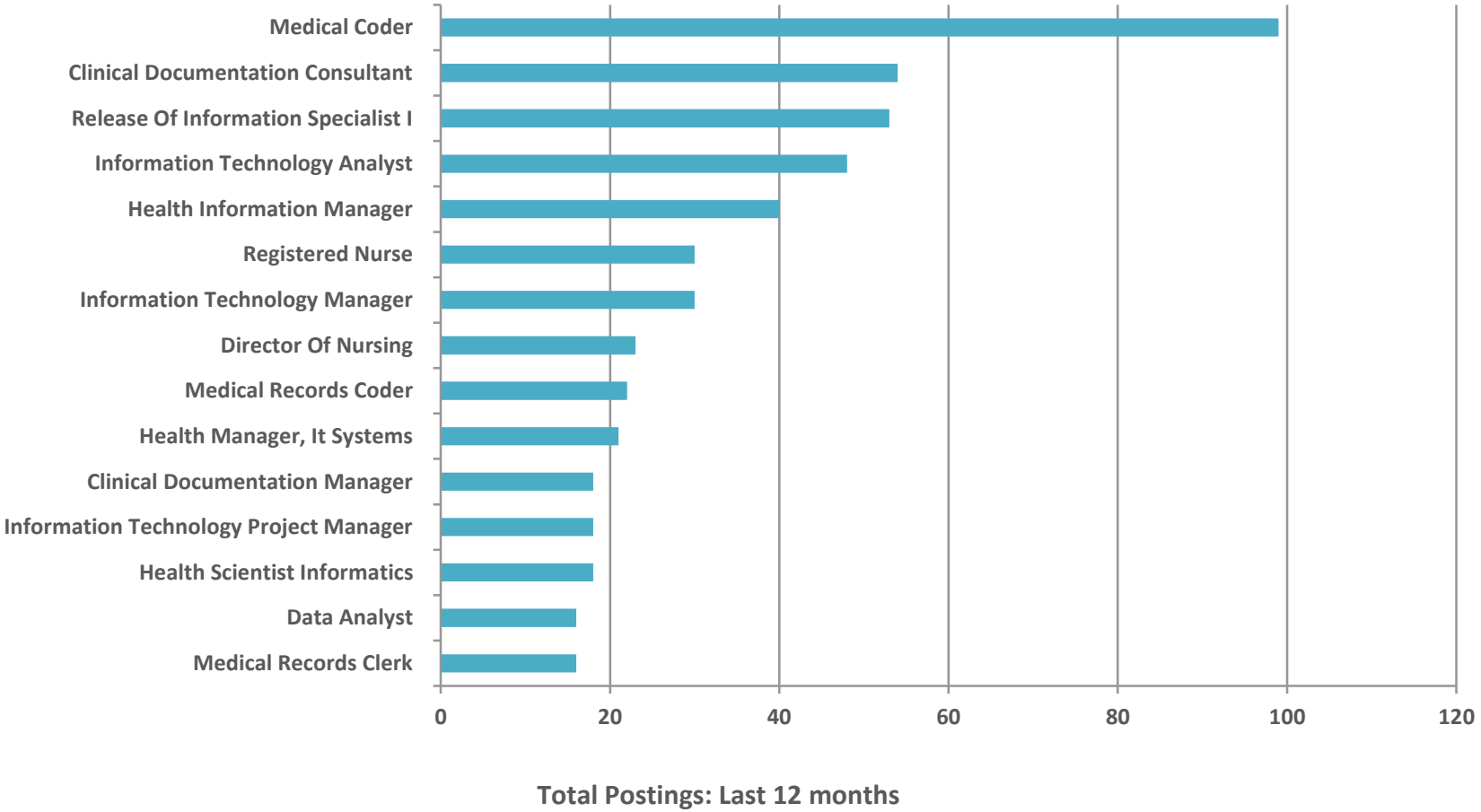
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

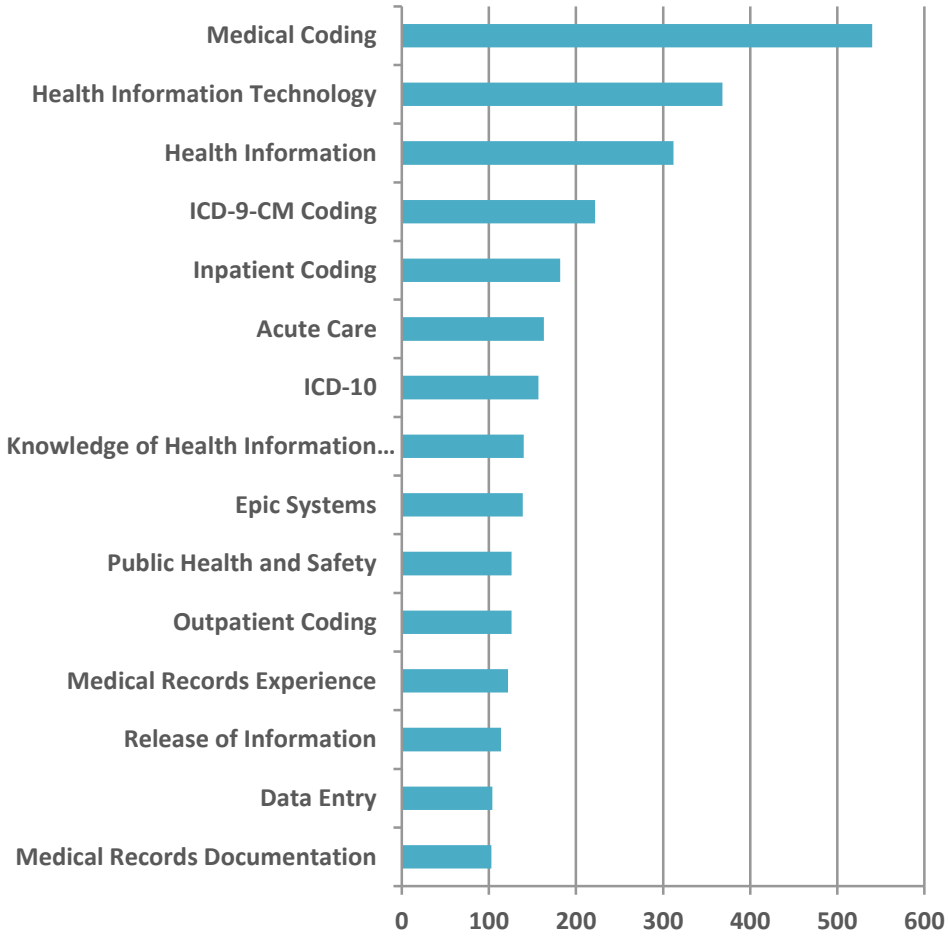
BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

Top Titles

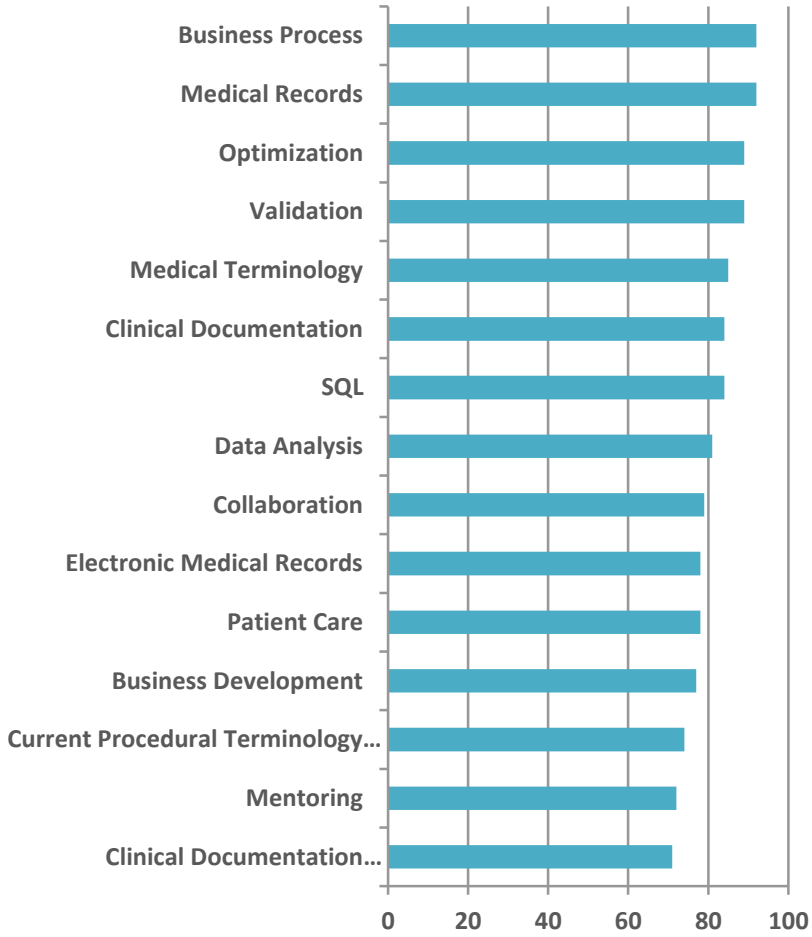


BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

TOP SPECIALIZED SKILLS



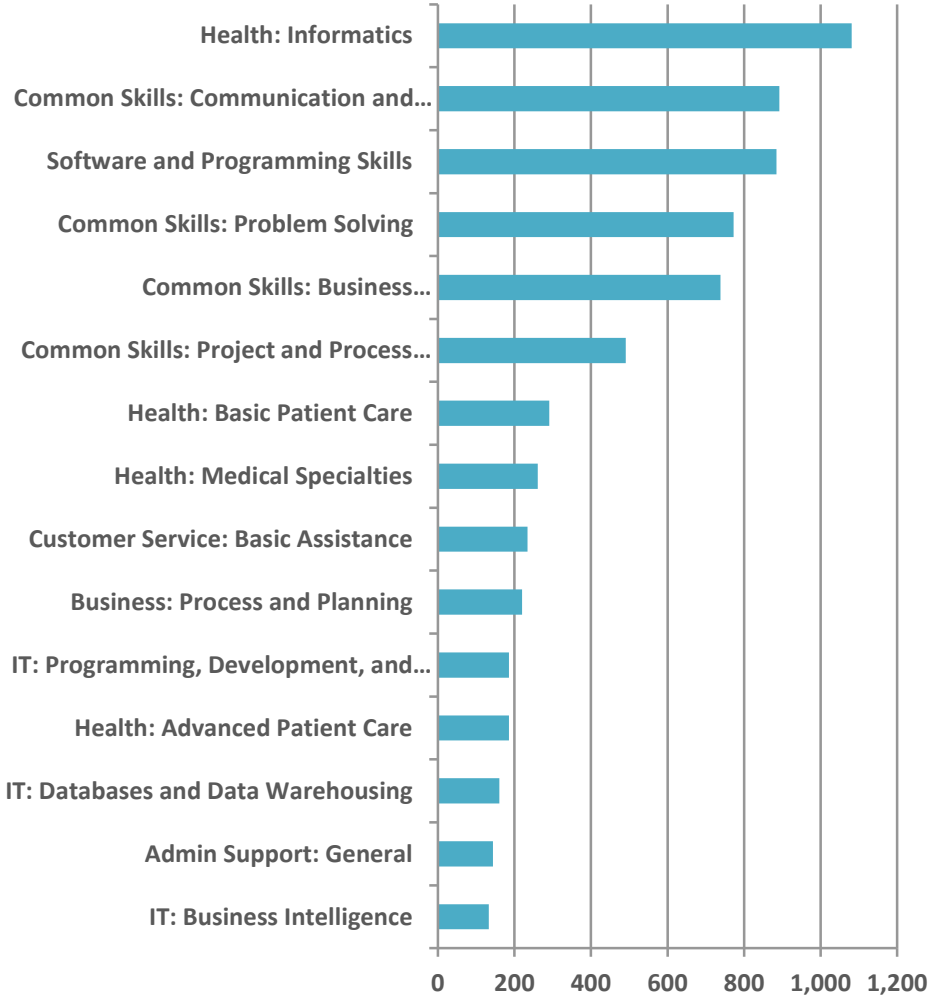
Total Postings: Last 12 months



Total Postings: Last 12 months

BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

TOP SKILL CLUSTERS



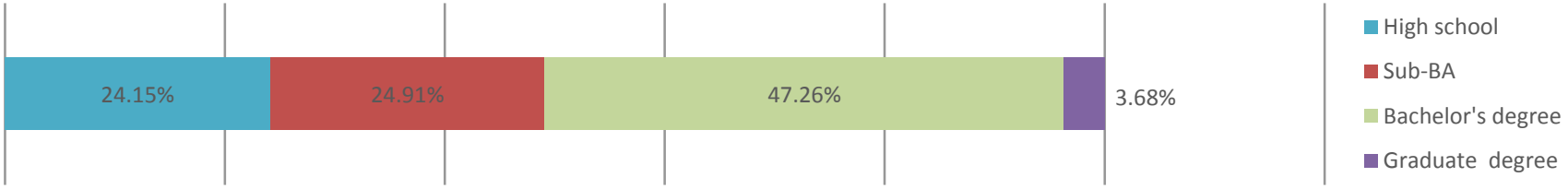
Total Postings: Last 12 months

TOP BASELINE SKILLS

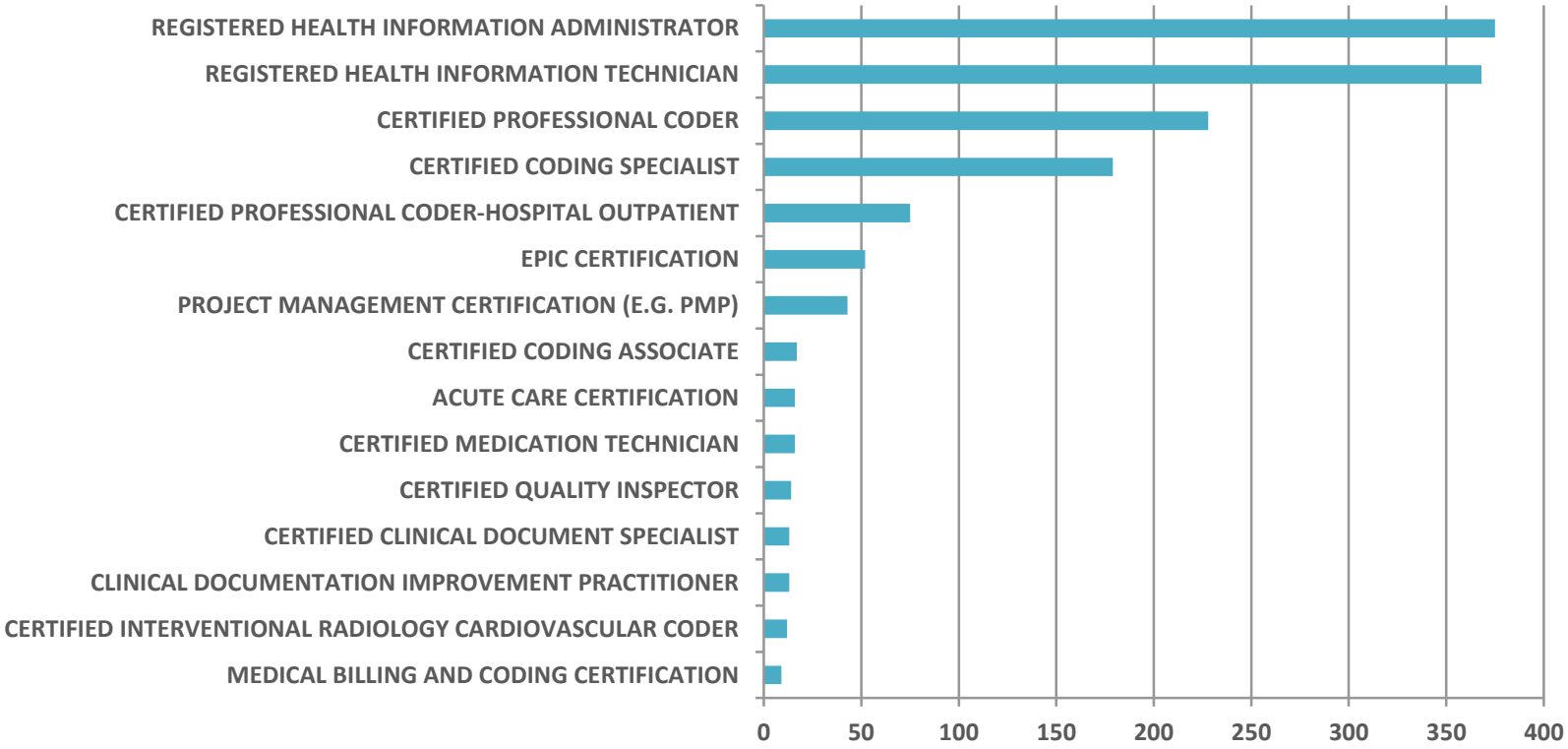
Total Postings: Last 12 months

BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

MINIMUM EDUCATION REQUIREMENT



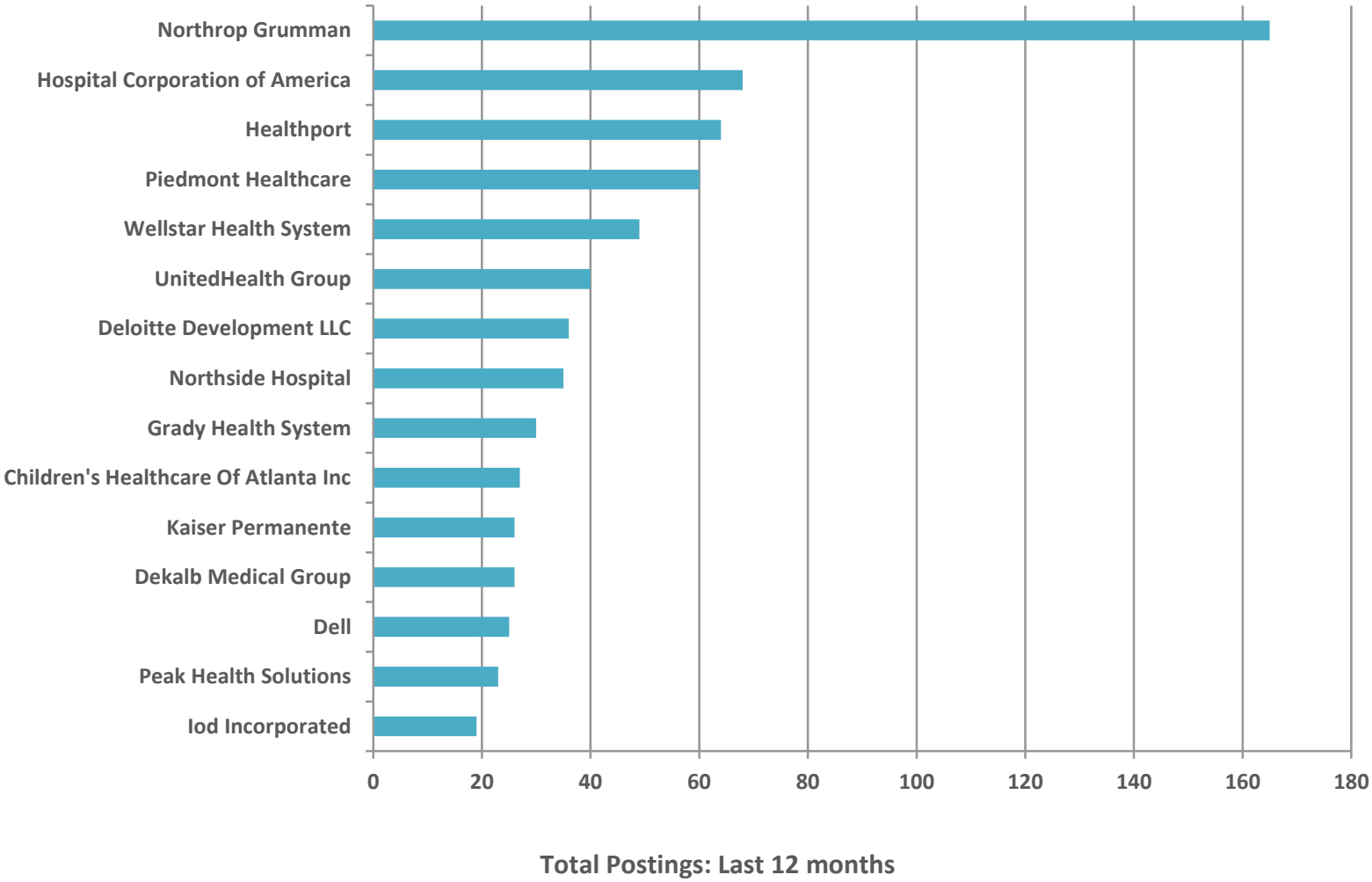
TOP CERTIFICATIONS



Total Postings: Last 12 months

BIOSCIENCE: HEALTH IT SOFTWARE DEVELOPMENT

Top Employers



BIOSCIENCE: BIOTECH

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

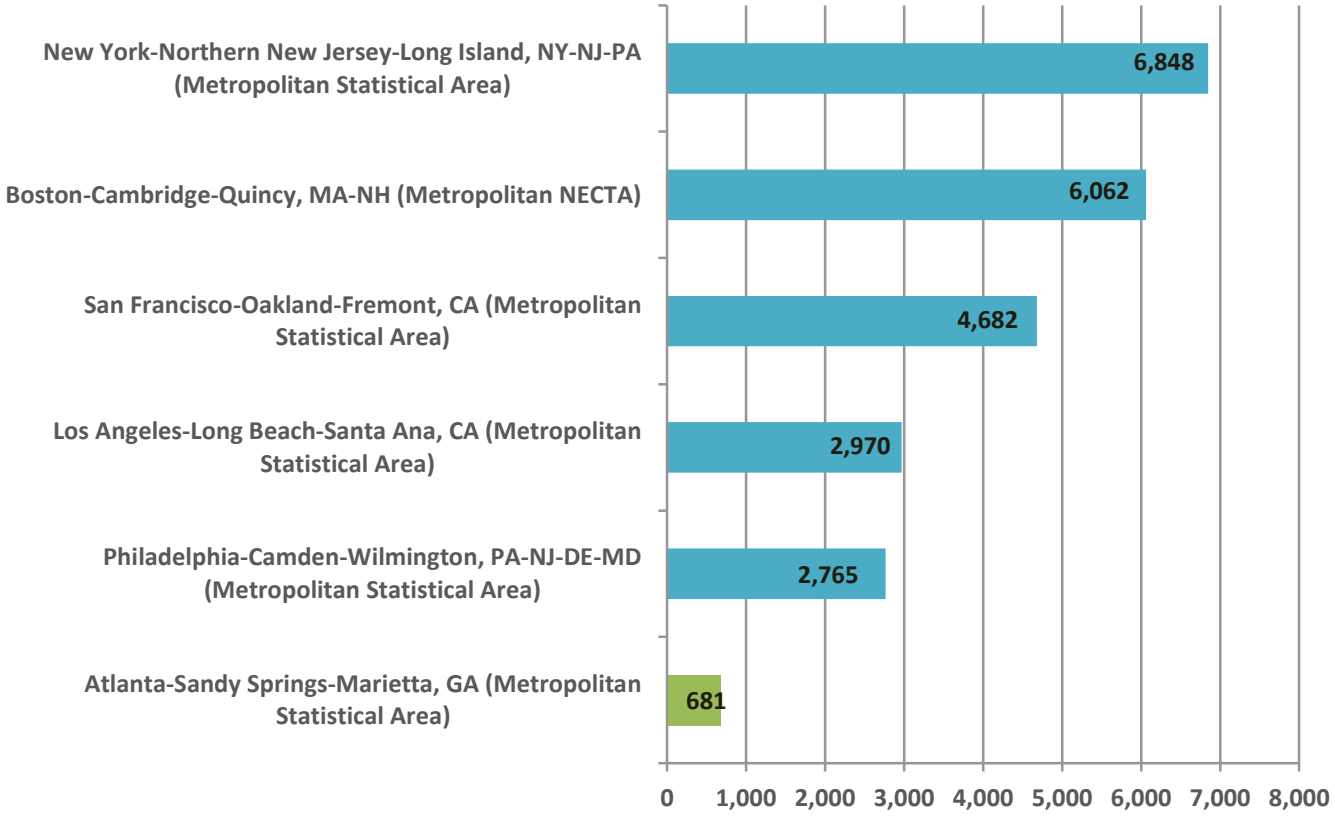
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

BIOSCIENCE: BIOTECH

Biotech postings are classified to include occupations such as medical clinicians and technicians, biostatisticians, biochemists, microbiologists, regulatory officers, and quality control analysts & managers, with overlap into specific industries of medical equipment manufacturing and inspection/ testing of medical equipment and samples.

BIOSCIENCE: BIOTECH

Top 5 MSA Job Postings + Atlanta



Total Postings: 2013

Atlanta ranks 23rd in the nation.

BIOSCIENCE: BIOTECH

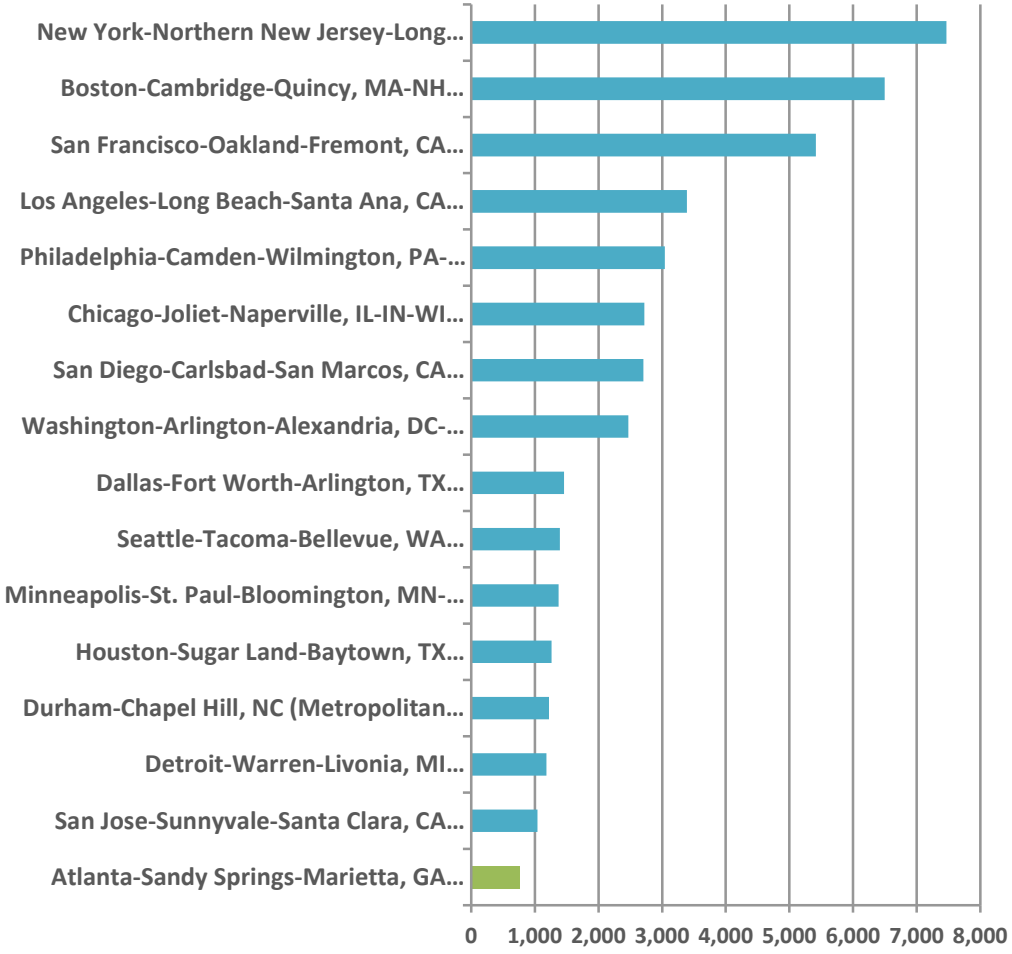
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 22nd among MSAs in biotech postings, the same relative ranking as in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 479 in 2007 to 723 in 2013
  - This 51% increase compares to a drop of 4.4% for the nation on the whole in that period
  - Atlanta's national share of biotech postings increased from 0.8% in 2007 to 1.2% in 2013 (still, small national shares)
  - The 51% is higher percentage growth than in any of the top five MSAs in this type of posting
- From 2010 to 2013, biotech postings in Atlanta have increased 8.1% (only 50 "new" postings)
  - This is lower than the percentage growth (13.5%) in the nation on the whole
  - The 8.1% is lower than in three of the top five MSAs in this type of posting

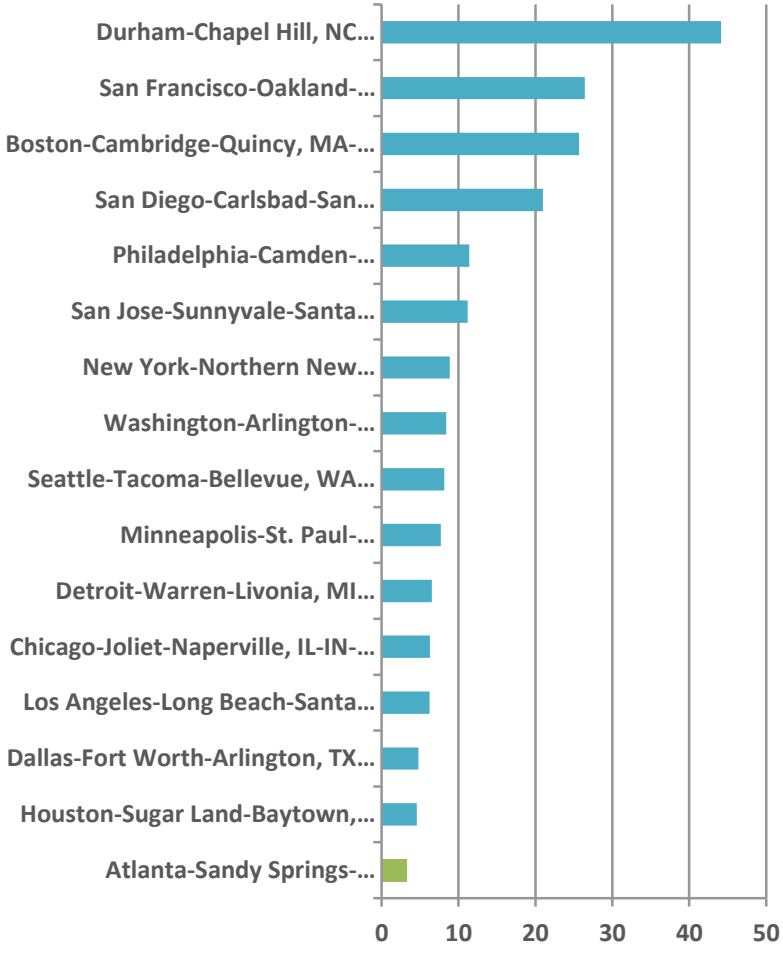
BIOSCIENCE: BIOTECH

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months (Nov '13-Nov '14)

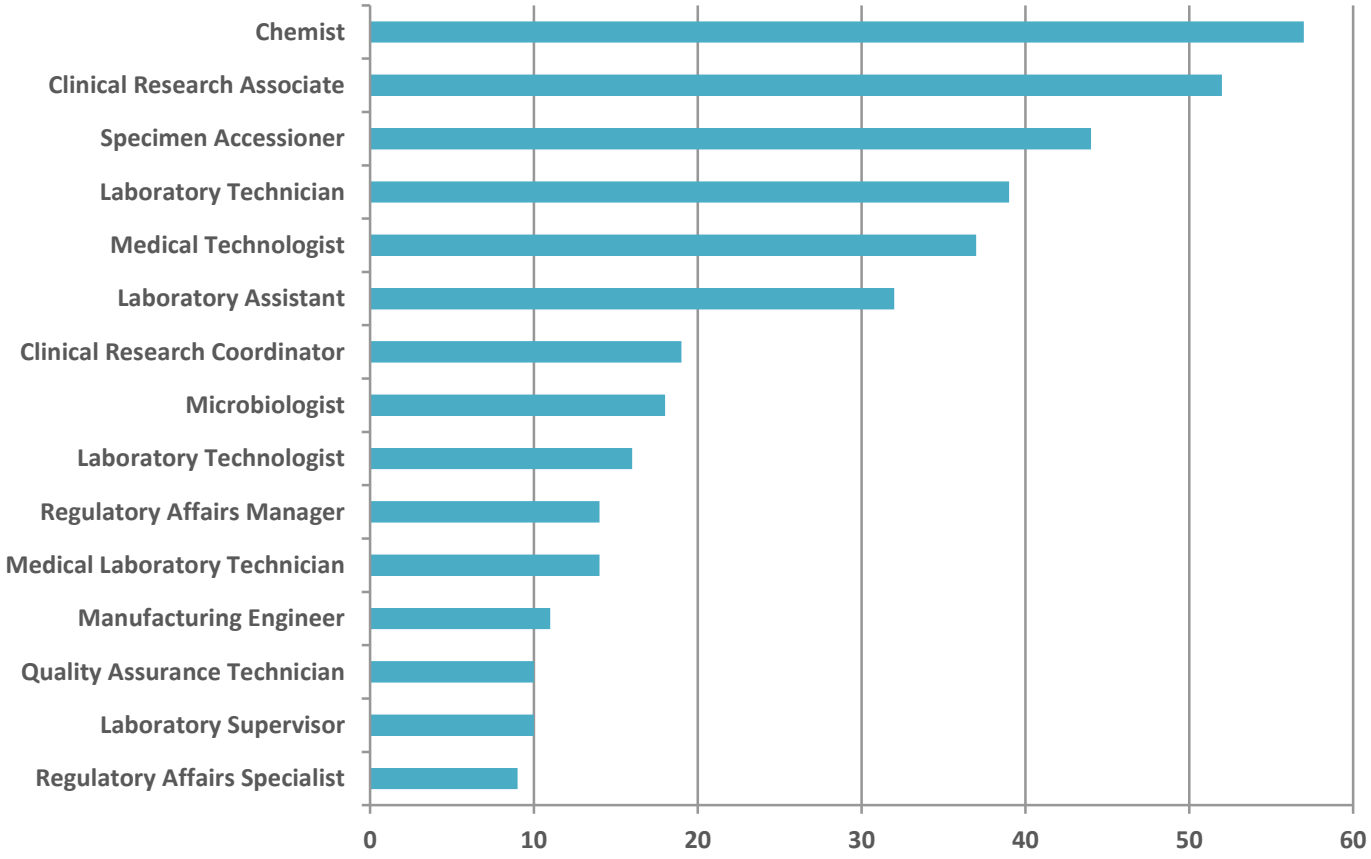
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

BIOSCIENCE: BIOTECH

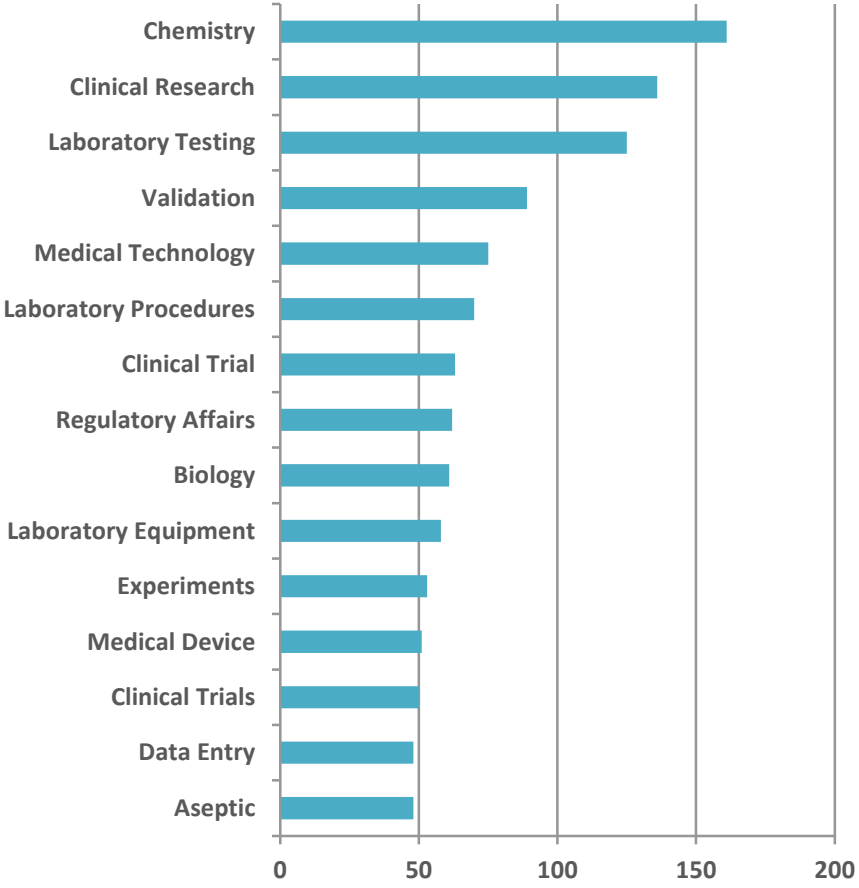
Top Titles



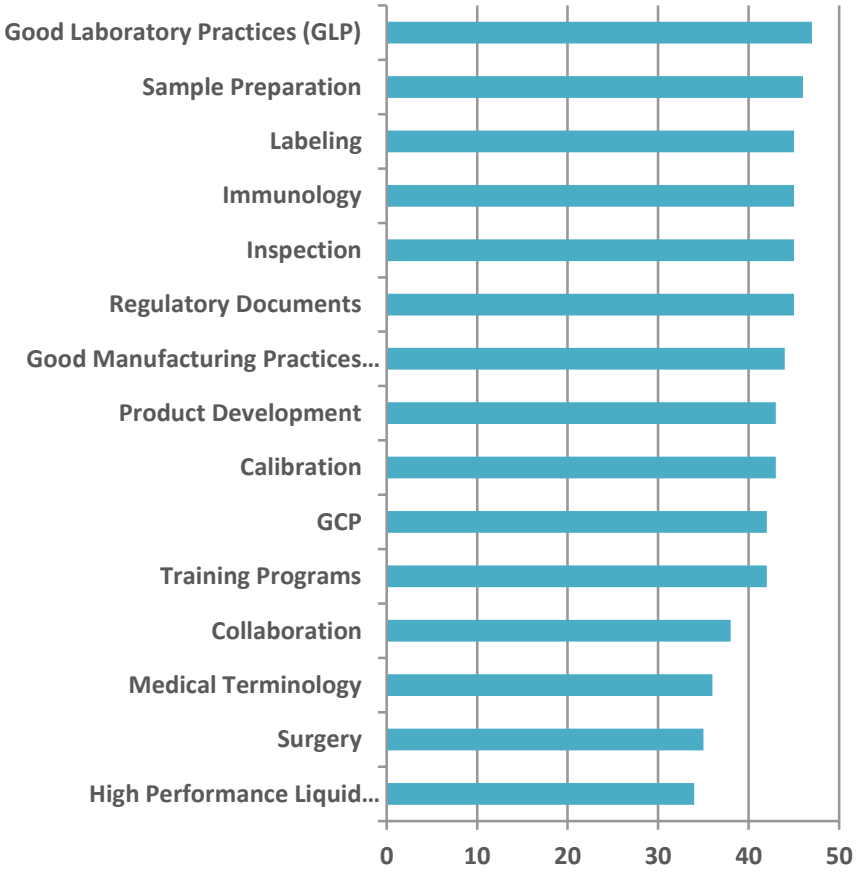
Total Postings: Last 12 months (November 2013-November 2014)

BIOSCIENCE: BIOTECH

TOP SPECIALIZED SKILLS



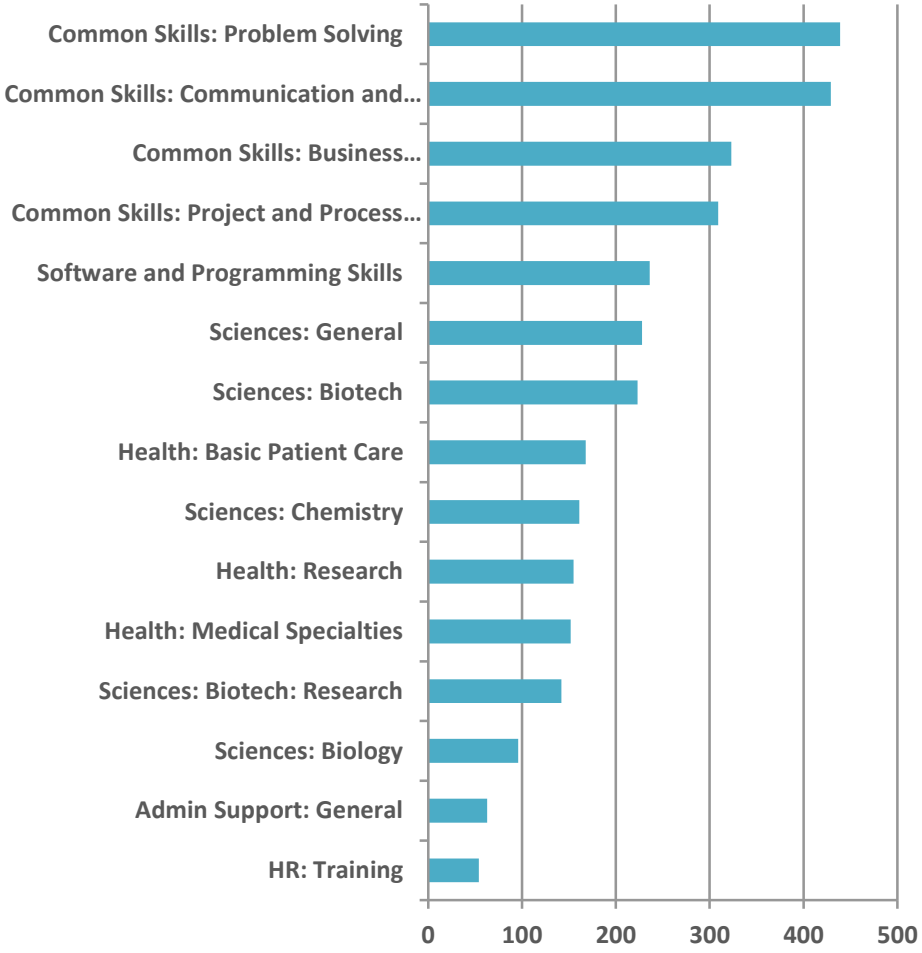
Total Postings: Last 12 months (Nov '13-Nov'14)



Total Postings: Last 12 months

BIOSCIENCE: BIOTECH

TOP SKILL CLUSTERS



Total Postings: Last 12 months

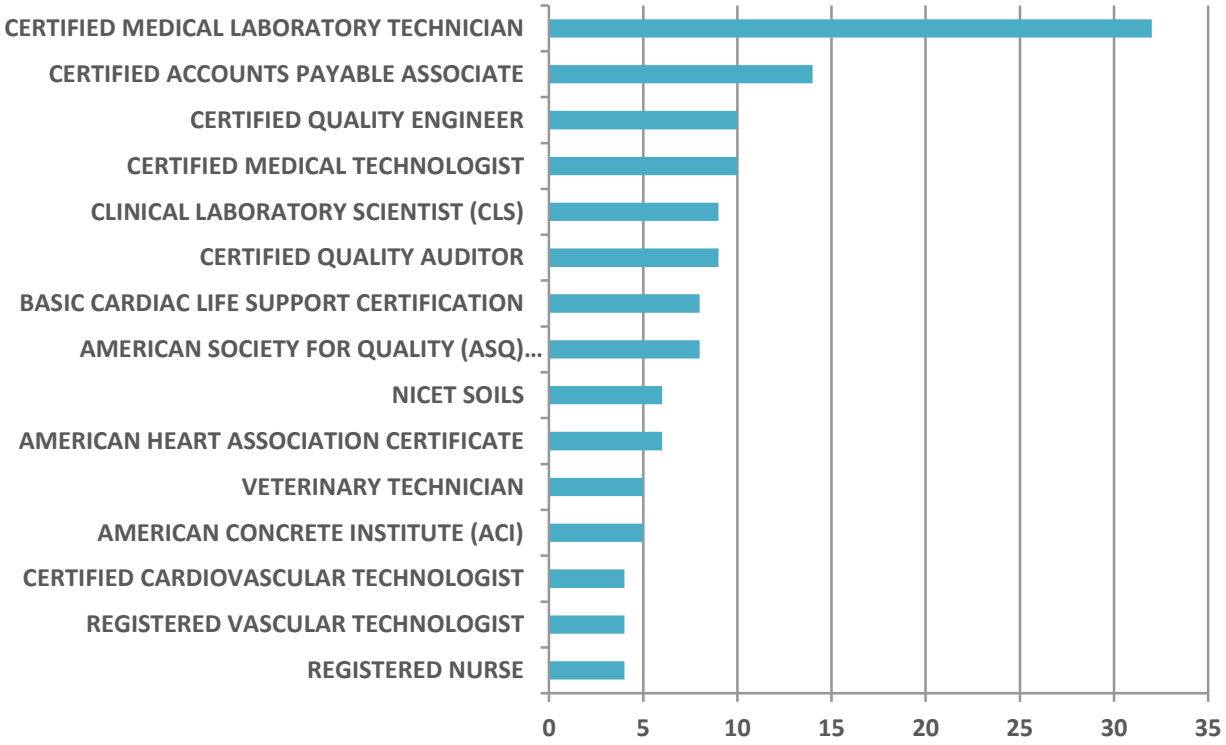
TOP BASELINE SKILLS

Total Postings: Last 12 months

BIOSCIENCE: BIOTECH

EDUCATION REQUIREMENTS

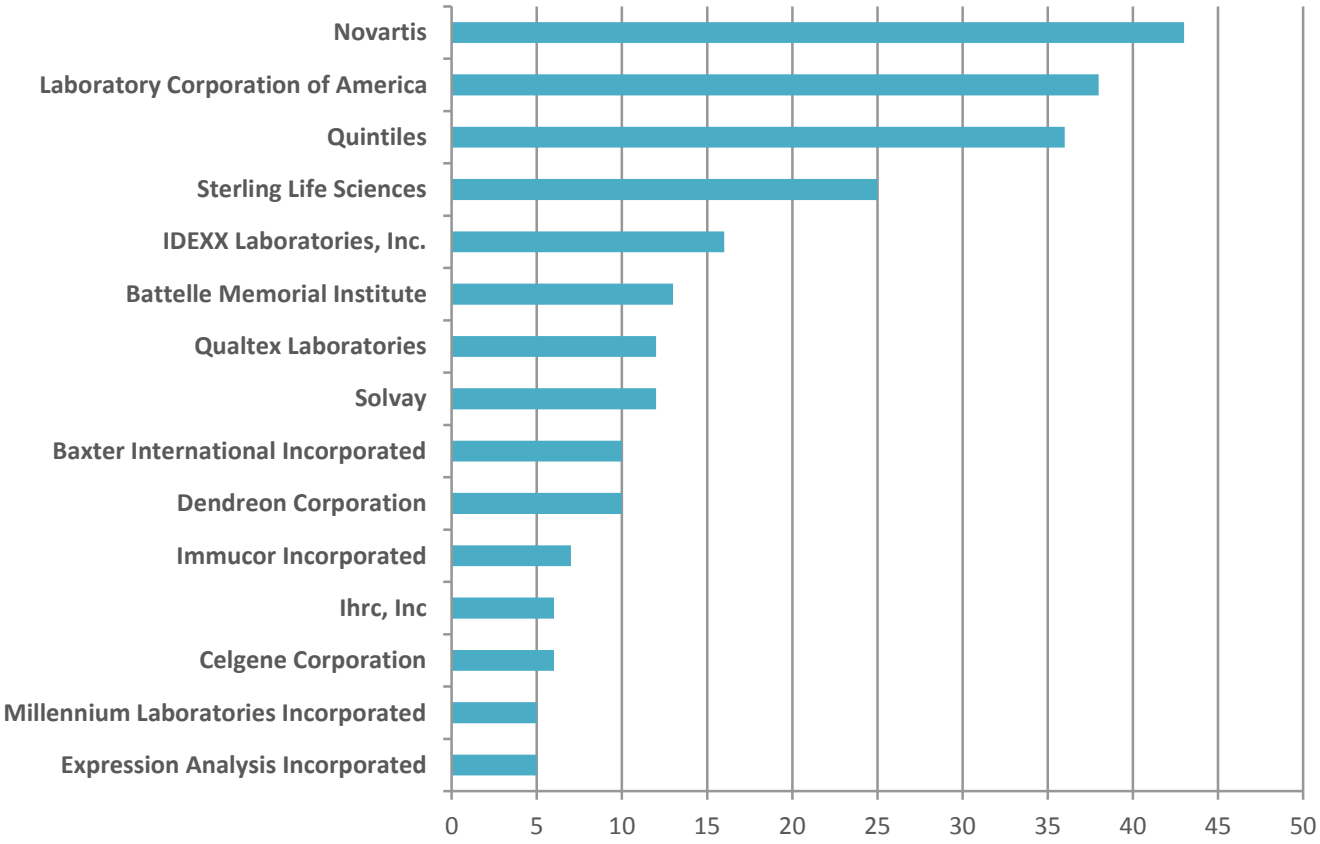
TOP CERTIFICATIONS



Total Postings: Last 12 months

BIOSCIENCE: BIOTECH

Top Employers



Total Postings: Last 12 months

BIOSCIENCE: BIOTECH BA+

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

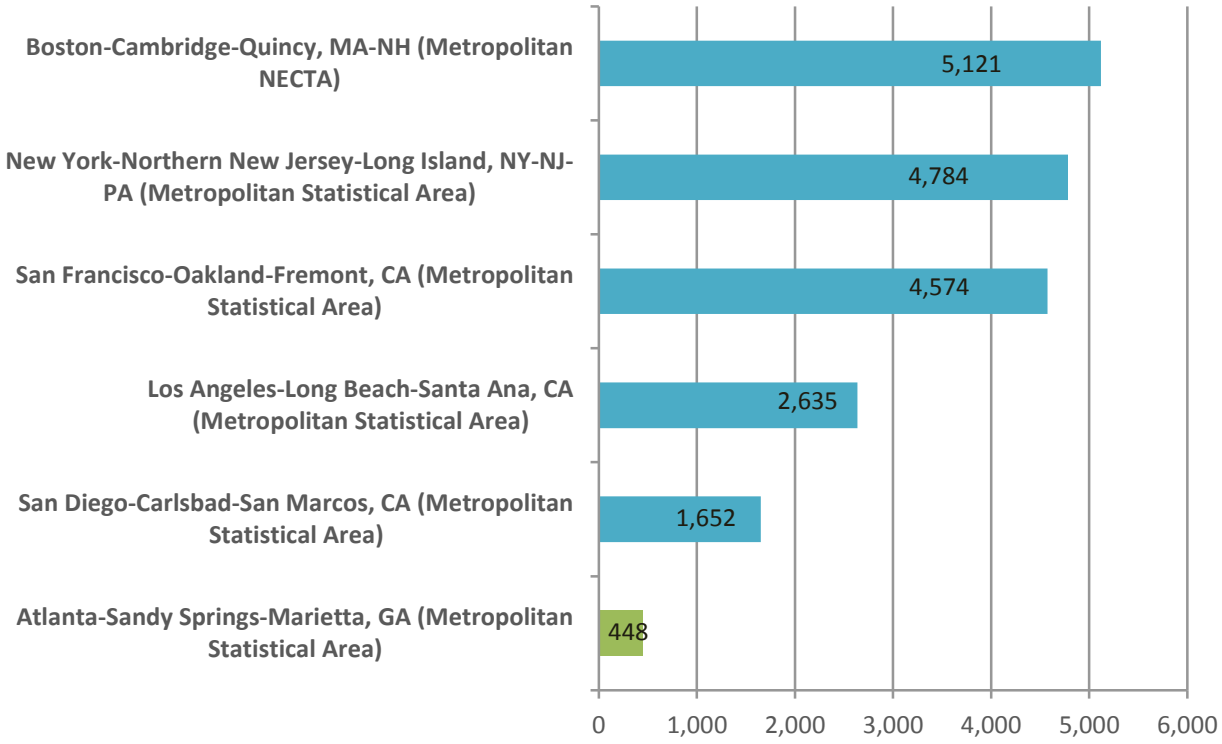
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

BIOSCIENCE: BIOTECH BA+

Job postings in Biotech BA+ require a bachelors degree or more; they include occupations such as medical clinicians and technicians, biostatisticians, biochemists, microbiologists, regulatory officers, and quality control analysts & managers, with overlap into specific industries of medical equipment manufacturing and inspection/ testing of medical equipment and samples.

BIOSCIENCE: BIOTECH BA+

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 23rd in the nation.

Total Postings: 2013

BIOSCIENCE: BIOTECH BA+

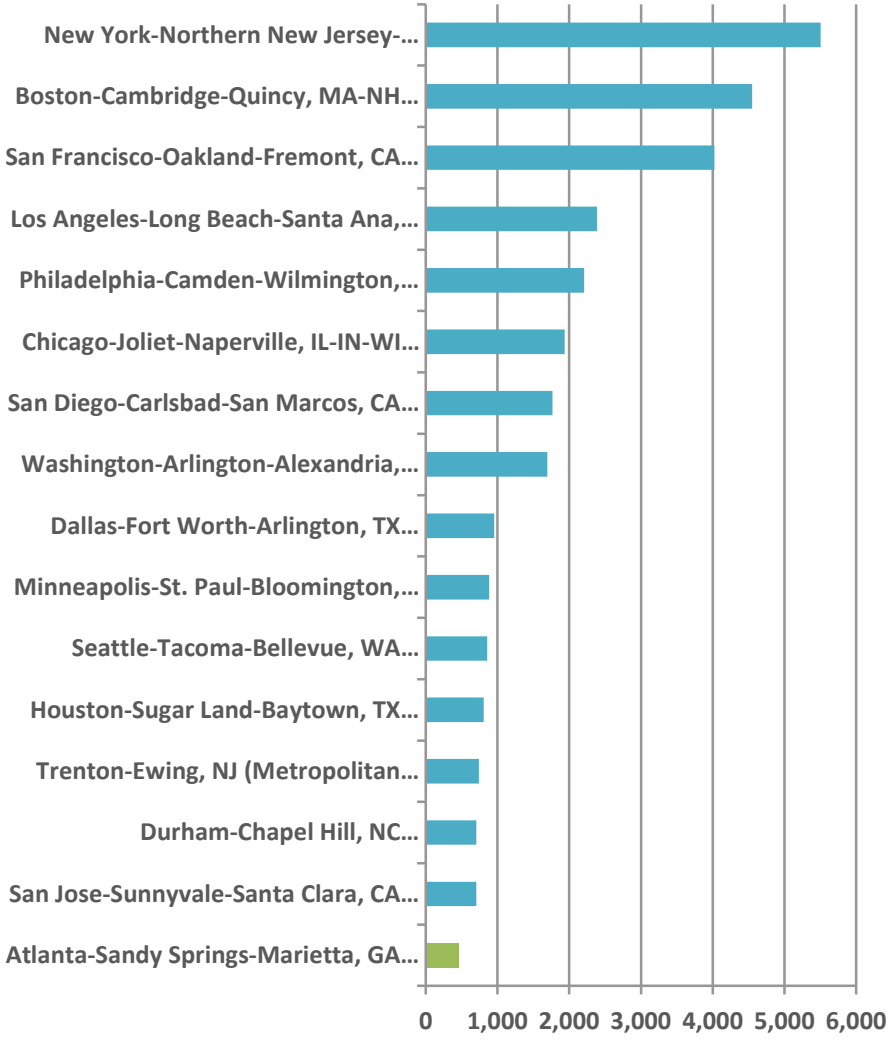
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 22nd among MSAs in biotech BA+ postings, up from 23rd in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased very slightly, from 408 in 2007 to 448 in 2013
  - This 10% increase compares to a 19% increase for the nation on the whole in that period
  - Atlanta's national share of biotech BA+ postings declined from 1.2% in 2007 to 1.1% in 2013 (small national shares)
  - The 10% is lower percentage growth than all but one (New York) of the top five MSAs in this type of posting
- From 2010 to 2013, biotech postings in Atlanta have increased 52% (BUT only 154 "new" postings)
  - This is much higher than the percentage growth (10.7%) in the nation on the whole
  - The 52.4% is a higher rate of increase than that seen in all of the top five MSAs in this type of posting

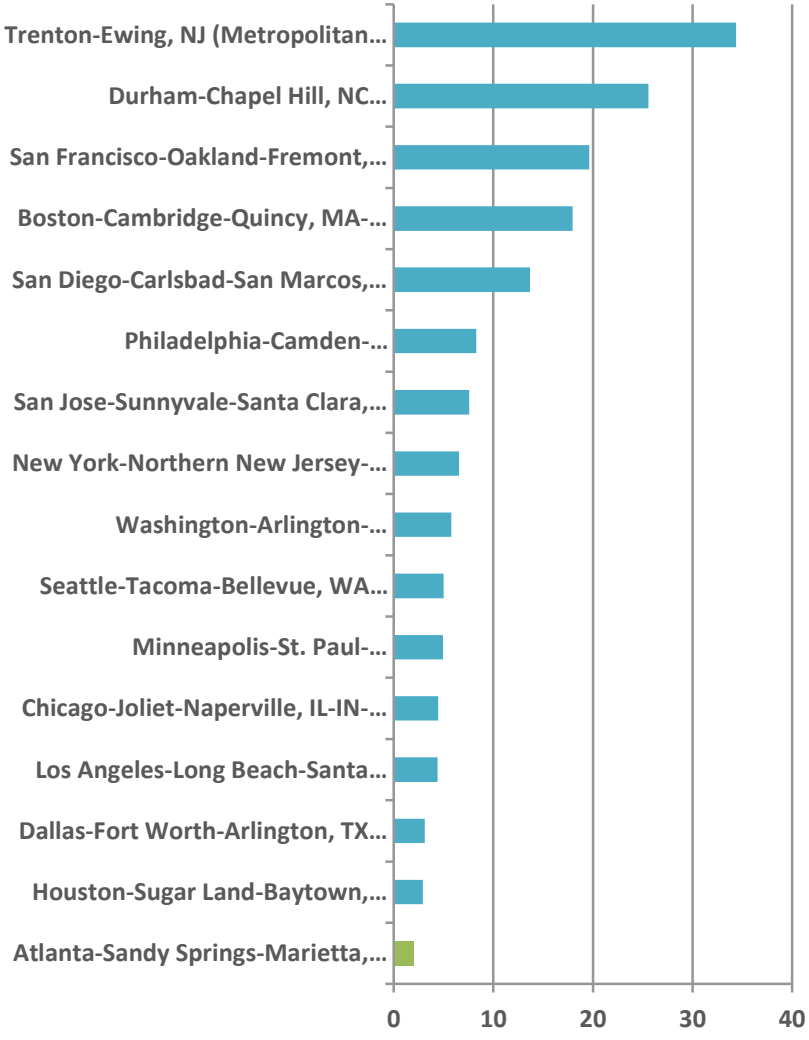
BIOSCIENCE: BIOTECH BA+

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months (Nov '13-Nov '14)

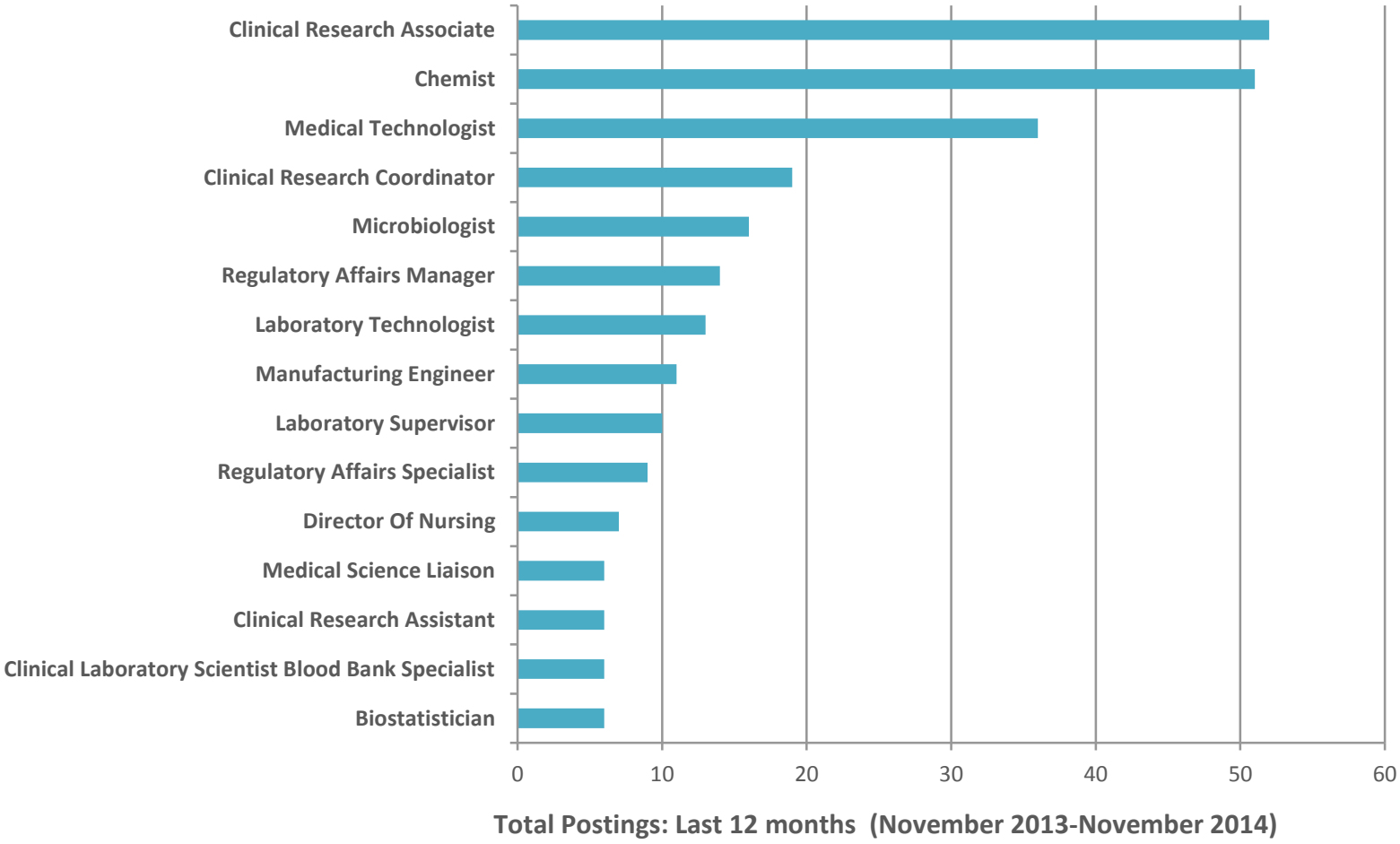
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

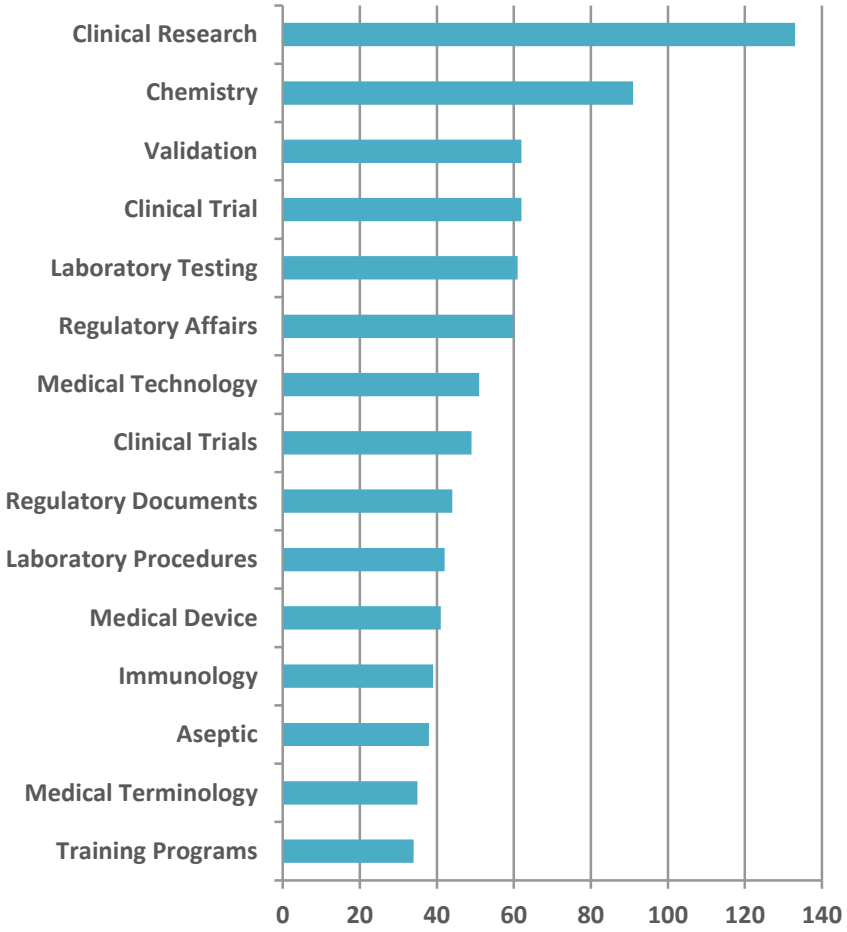
BIOSCIENCE: BIOTECH BA+

Top Titles

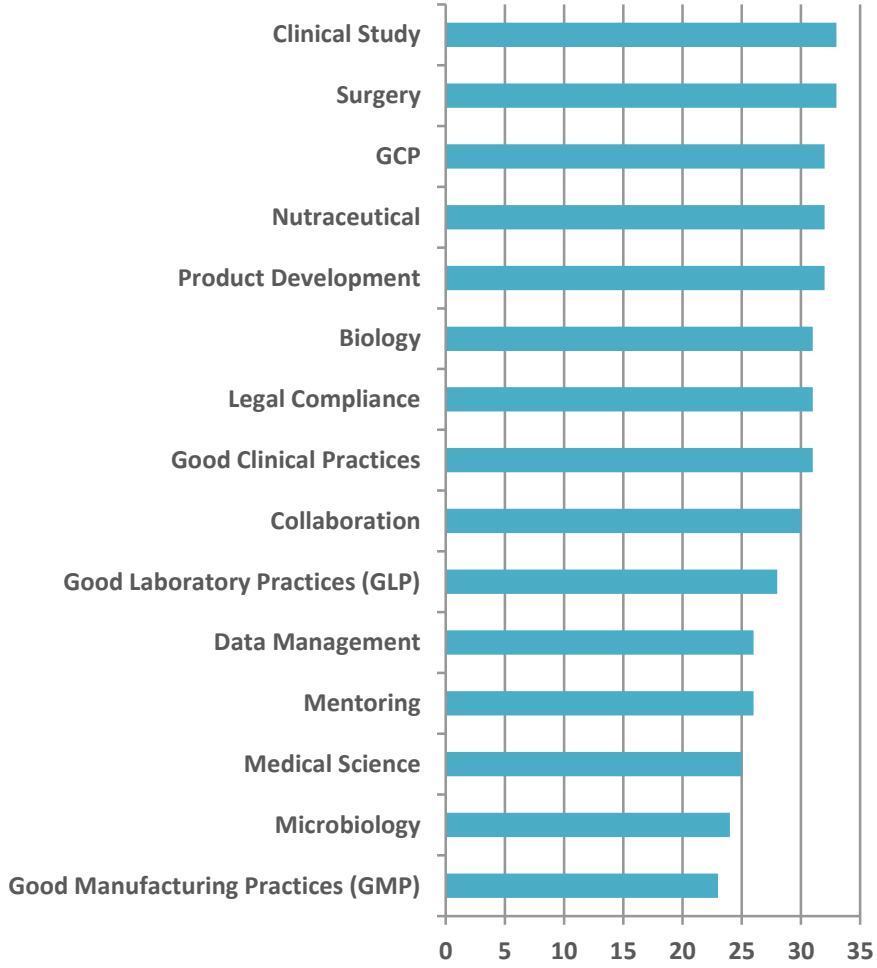


BIOSCIENCE: BIOTECH BA+

TOP SPECIALIZED SKILLS



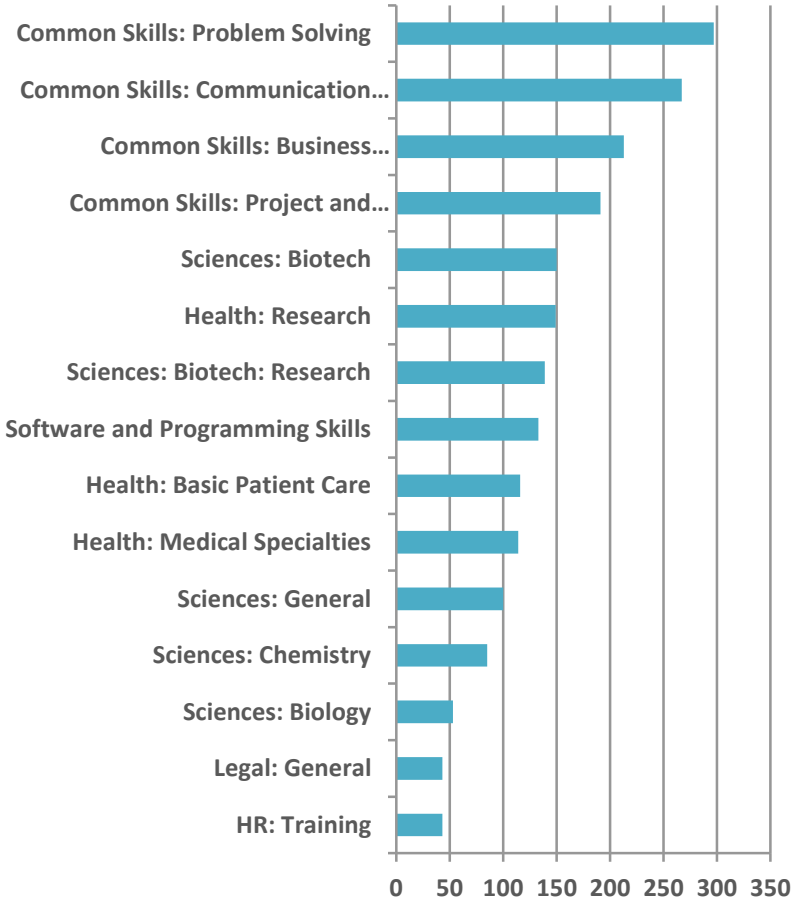
Total Postings: Last 12 months (Nov '13-Nov '14)



Total Postings: Last 12 months

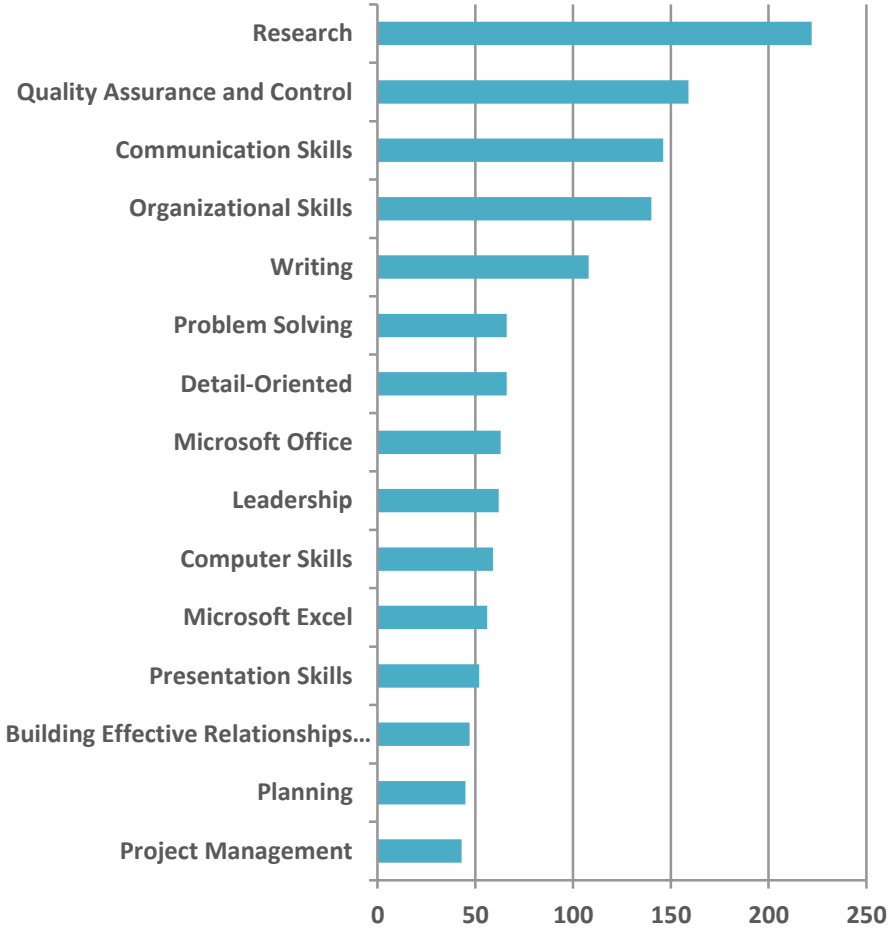
BIOSCIENCE: BIOTECH BA+

TOP SKILL CLUSTERS



Total Postings: Last 12 months (Nov '13-Nov '14)

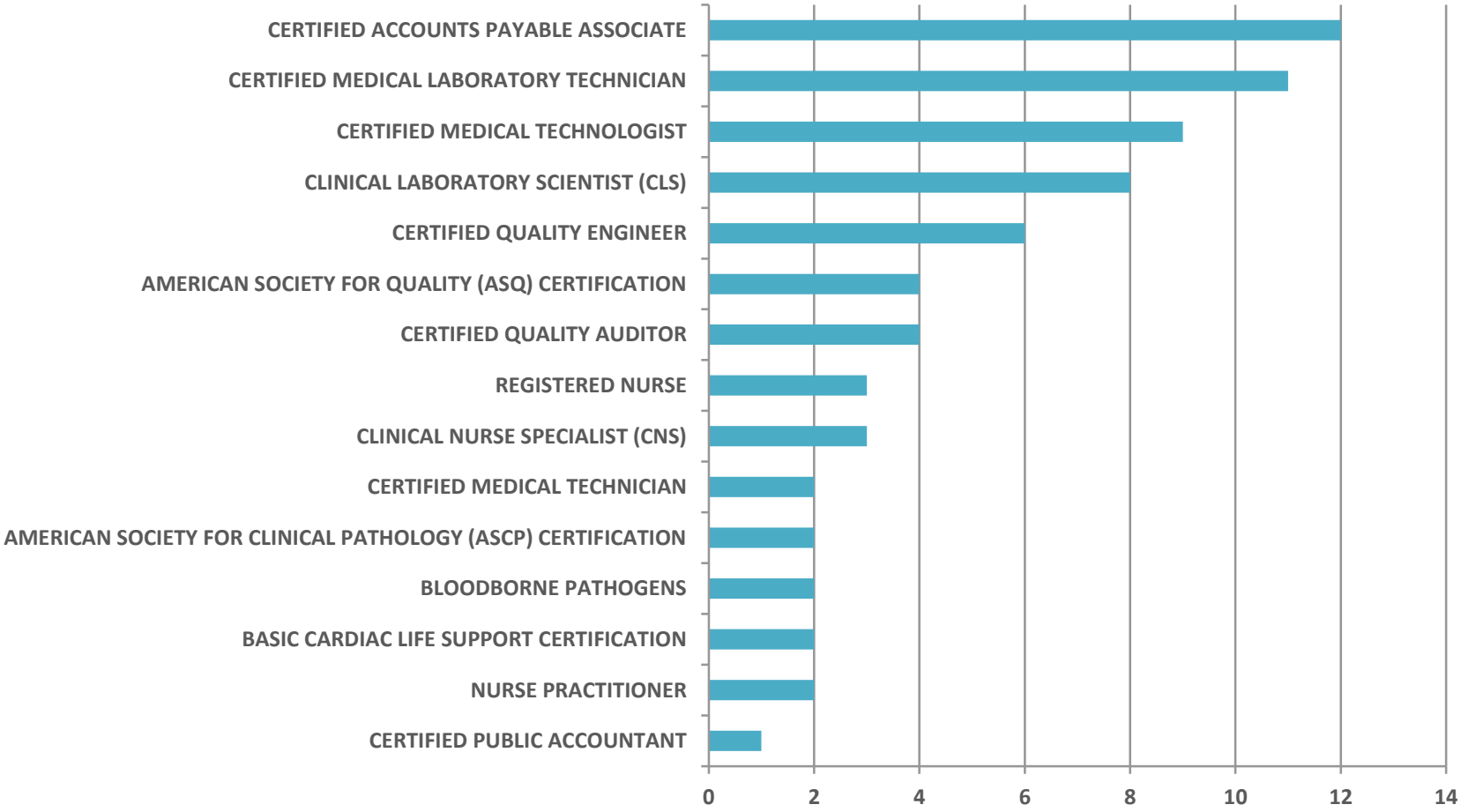
TOP BASELINE SKILLS



Total Postings: Last 12 months

BIOSCIENCE: BIOTECH BA+

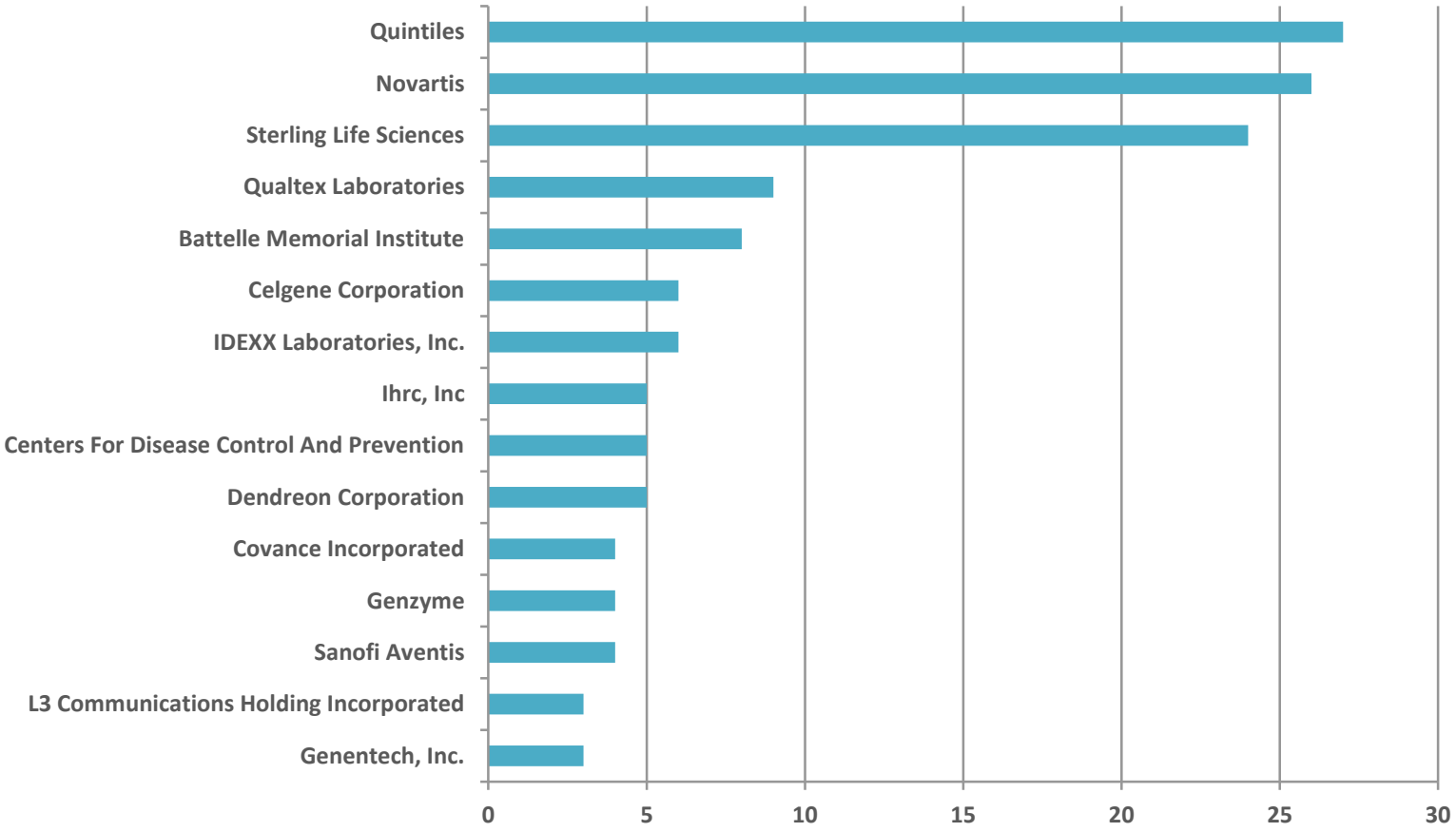
TOP CERTIFICATIONS



Total Postings: Last 12 months

BIOSCIENCE: BIOTECH BA+

Top Employers



Total Postings: Last 12 months

BIOSCIENCE: BA-

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

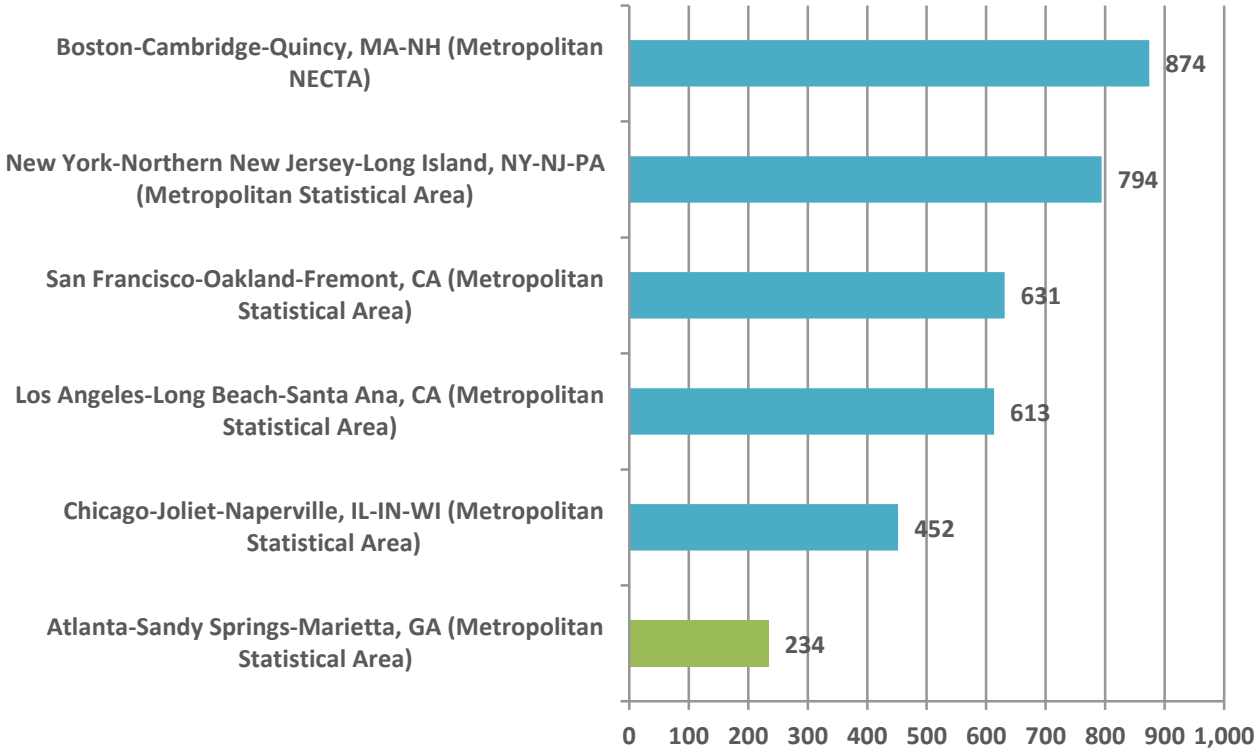
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

BIOSCIENCE: BIOTECH BA-

Job postings in Biotech BA- do NOT require a bachelors' degree; they include occupations such as medical clinicians and technicians and quality control analysts & managers, with overlap into the specific industry of inspection/ testing of medical equipment and samples.

BIOSCIENCE: BIOTECH BA-

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 14th in the nation.

BIOSCIENCE: BIOTECH BA-

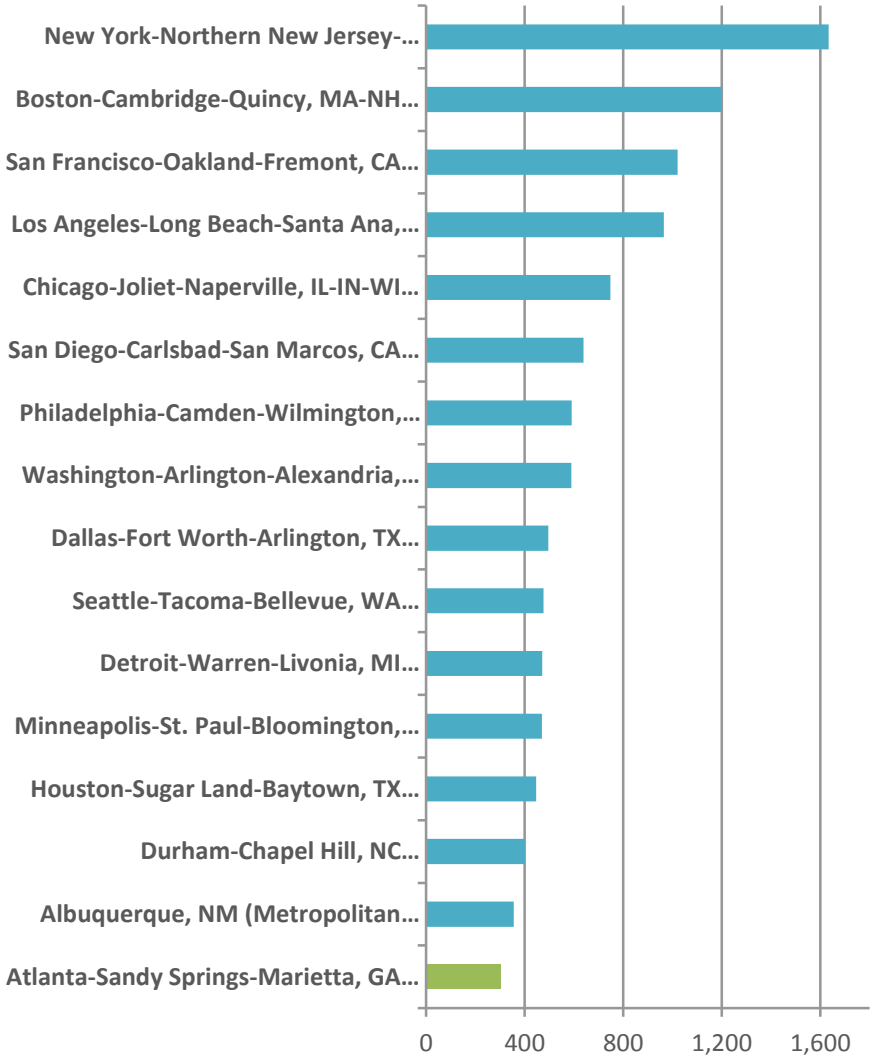
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 14th among MSAs in biotech BA- postings, up from 22nd in 2007 , but the grouping is a tiny one

- From 2007 to 2013, postings in the Atlanta MSA market increased very slightly, from 176 in 2007 to 234 in 2013
  - This 37.5% increase compares to a 58% increase for the nation on the whole in that period
  - Atlanta's national share of biotech BA- postings declined from 3.2% in 2007 to 2.7% in 2013
  - The 37.5% growth is higher than all of the top five MSAs in this type of posting
- From 2010 to 2013, biotech postings in Atlanta have dropped 3% (BUT only a net loss of 8 postings)
  -

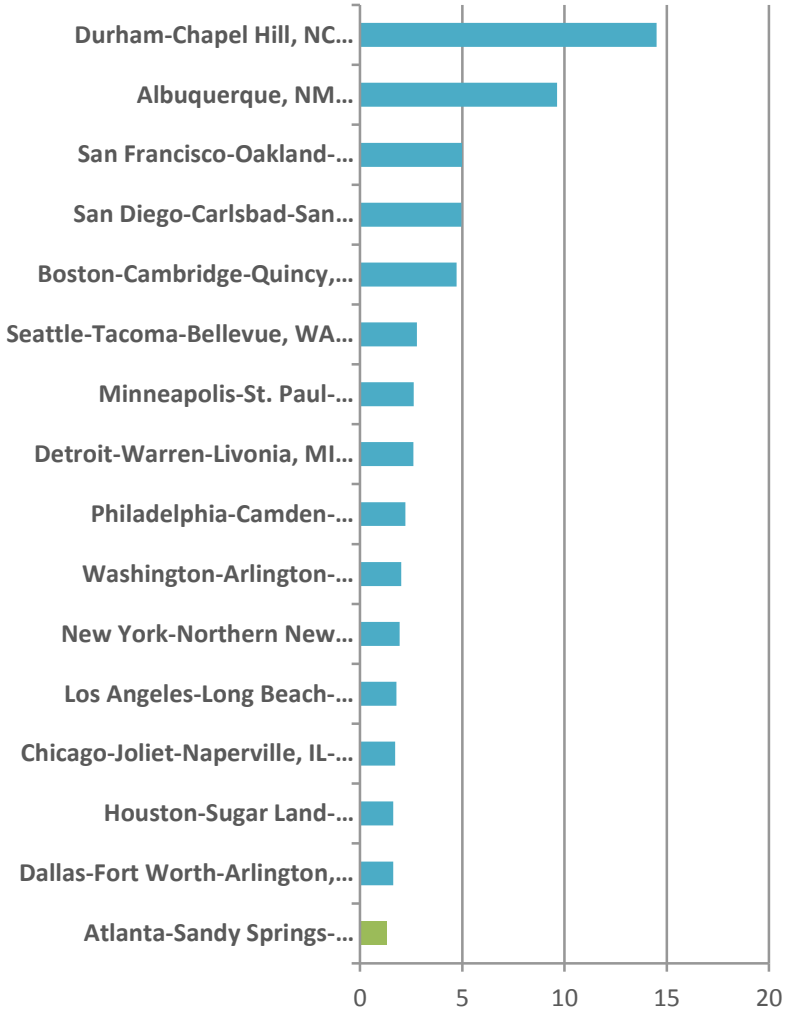
BIOSCIENCE: BIOTECH BA-

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months (Nov '13- Nov '14)

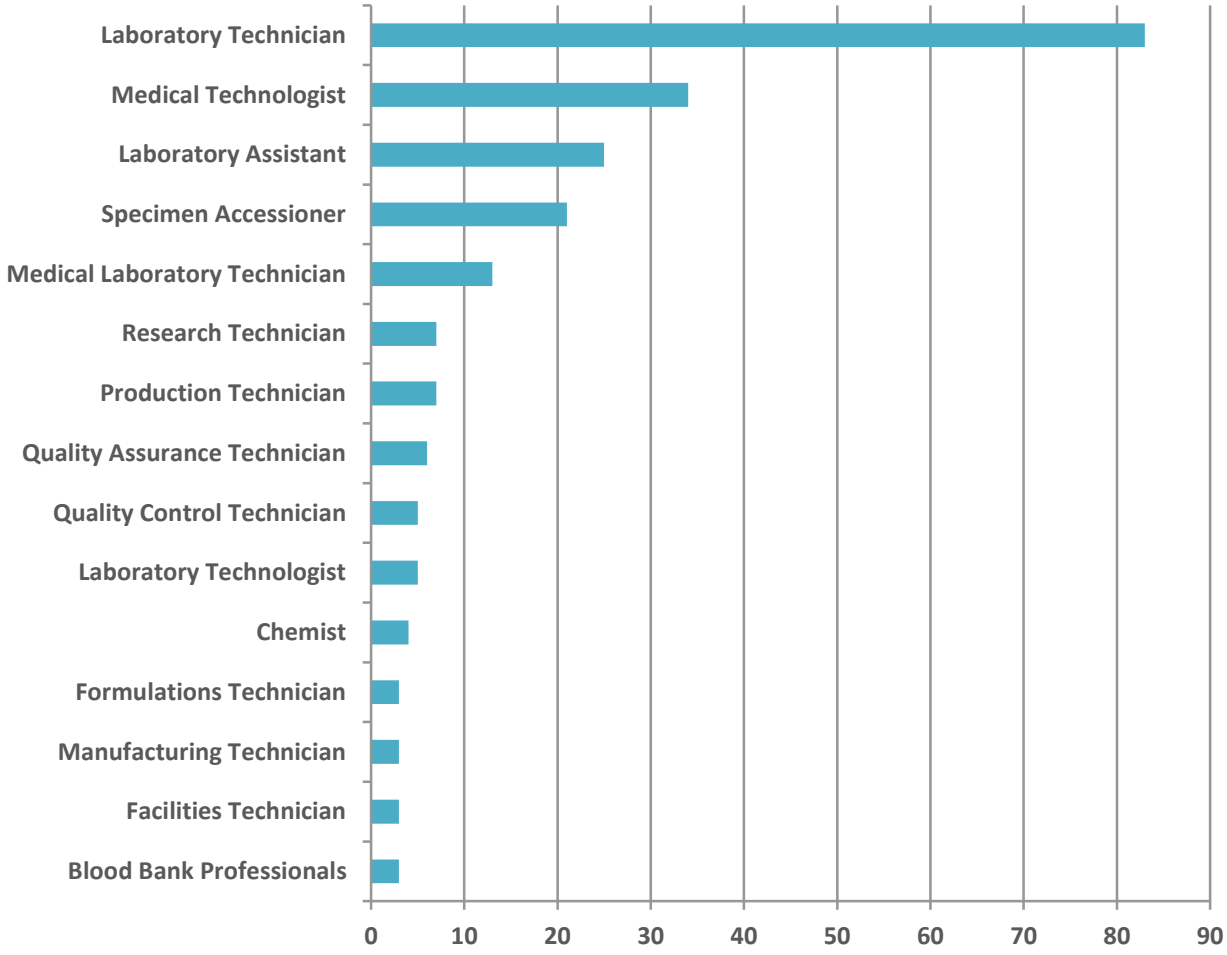
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

BIOSCIENCE: BIOTECH BA-

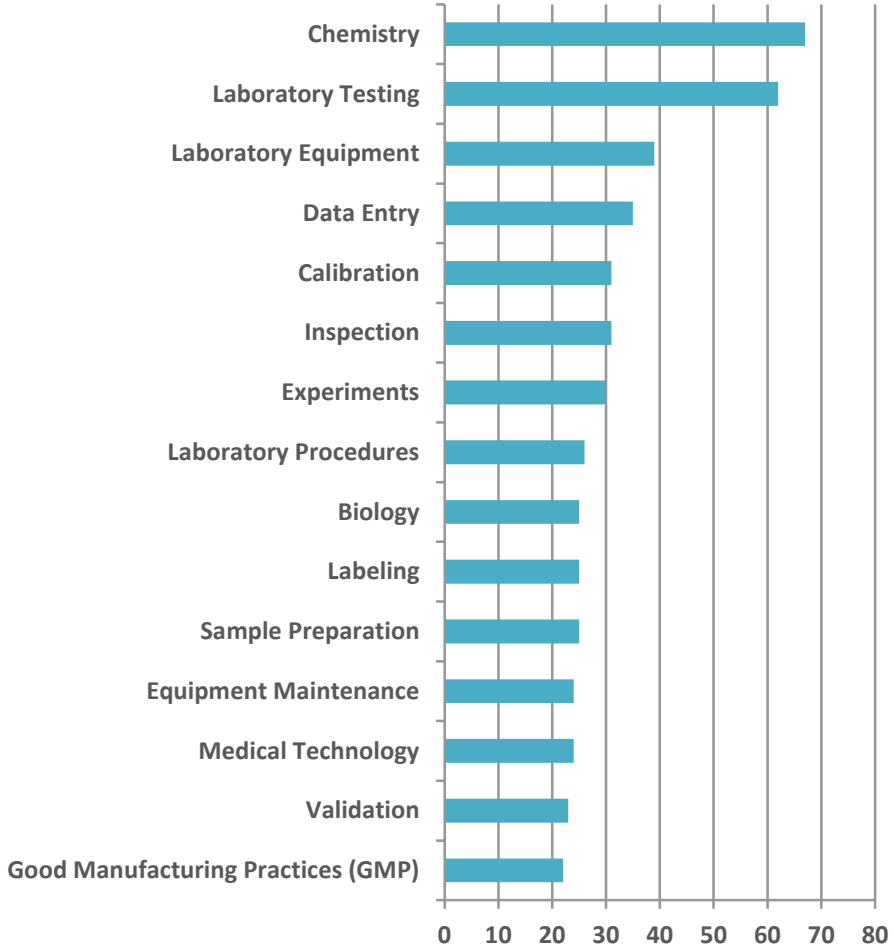
Top Titles



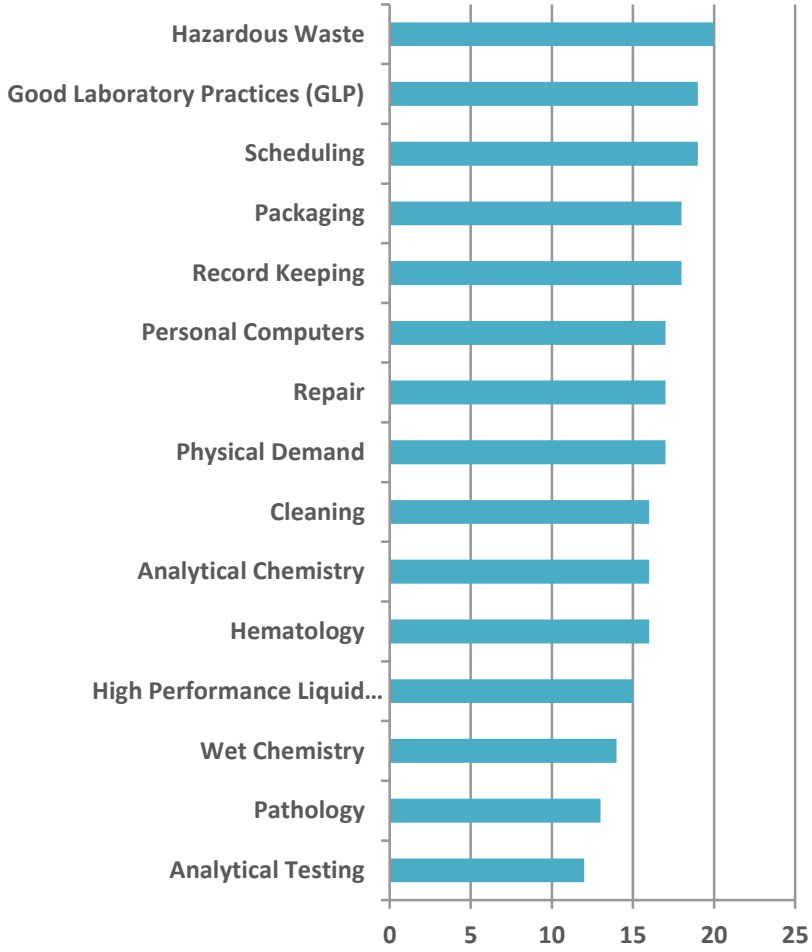
Total Postings: Last 12 months (November 2013-November 2014)

BIOSCIENCE: BIOTECH BA-

TOP SPECIALIZED SKILLS



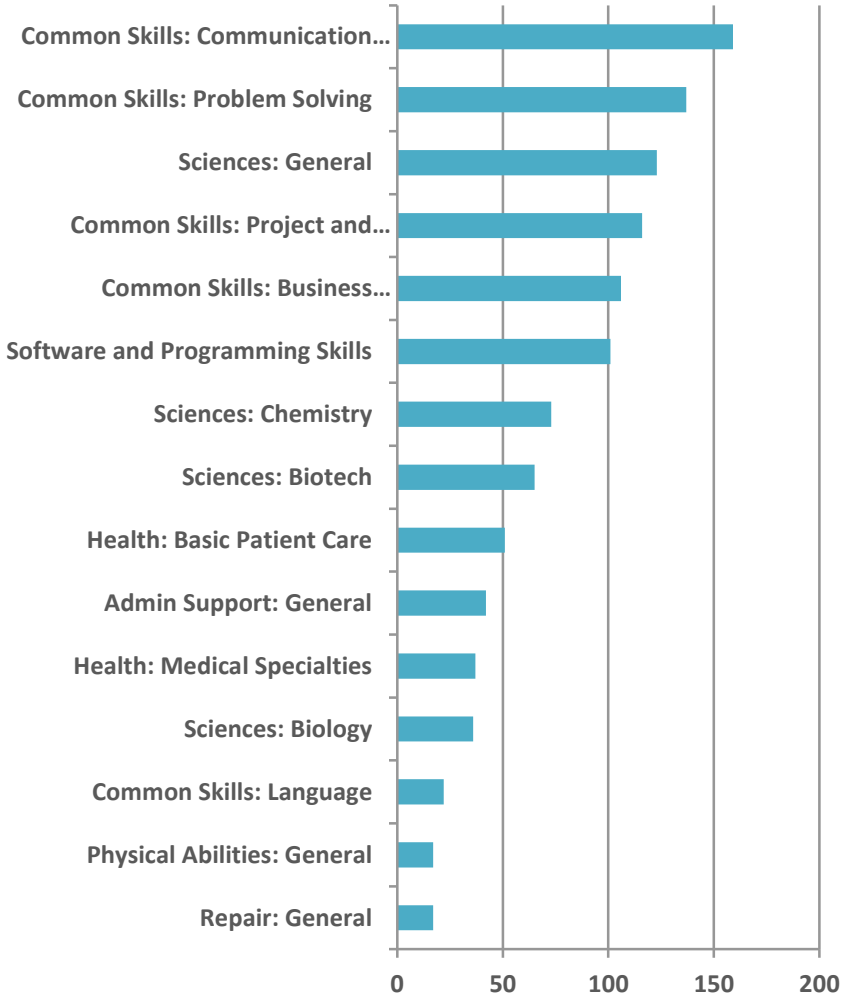
Total Postings: Last 12 months (Nov '13-Nov '14)



Total Postings: Last 12 months

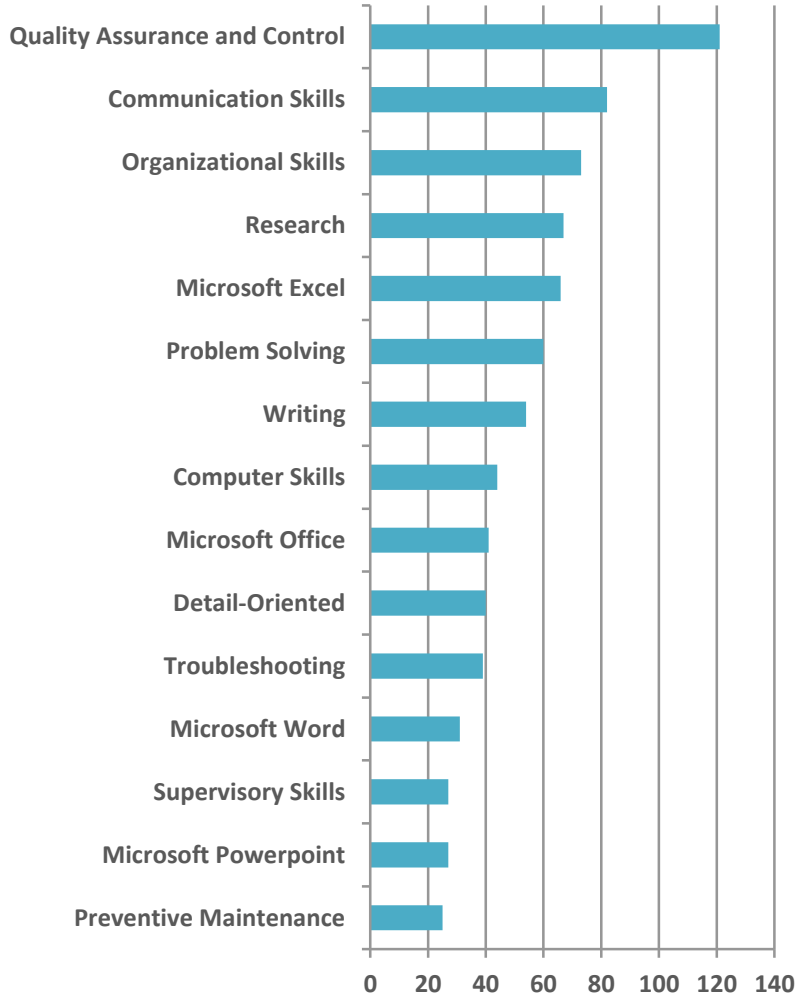
BIOSCIENCE: BIOTECH BA-

TOP SKILL CLUSTERS



Total Postings: Last 12 months (Nov '13-Nov '14)

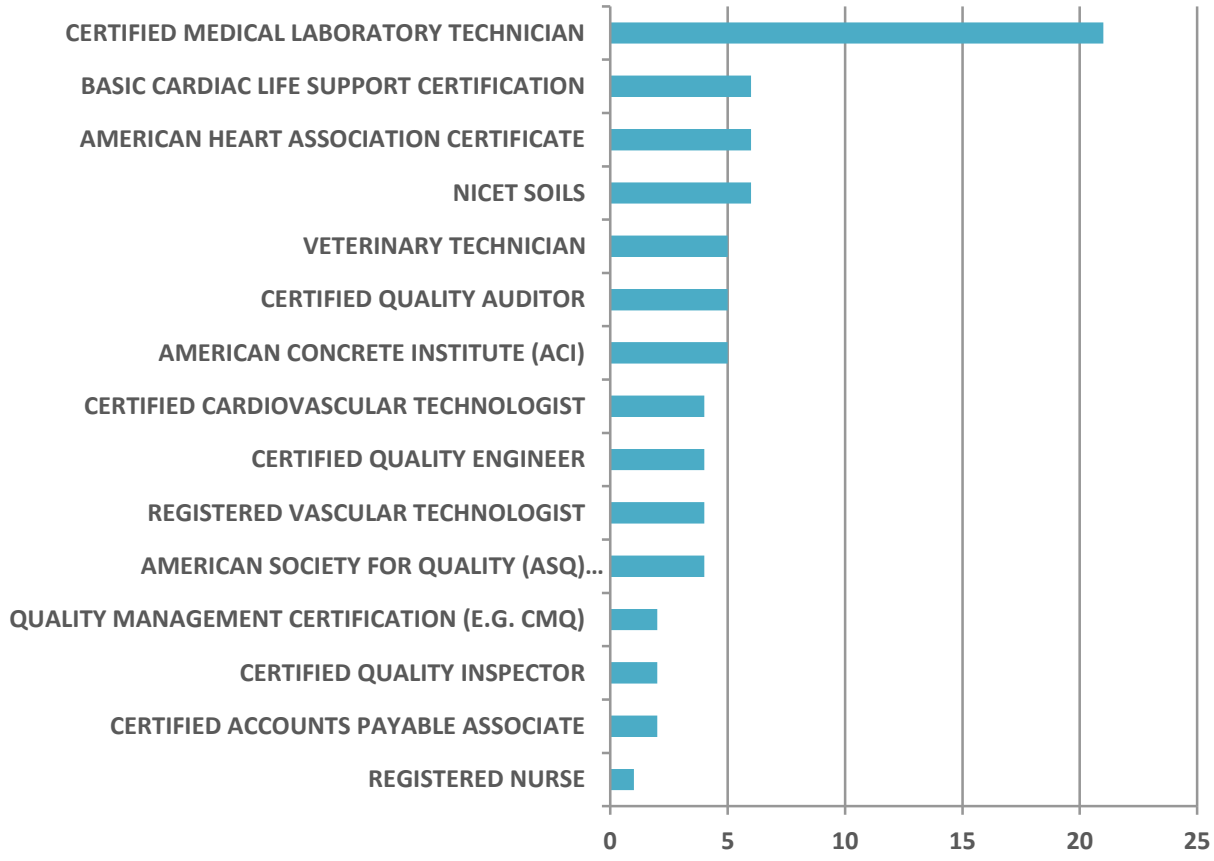
TOP BASELINE SKILLS



Total Postings: Last 12 months

BIOSCIENCE: BIOTECH BA-

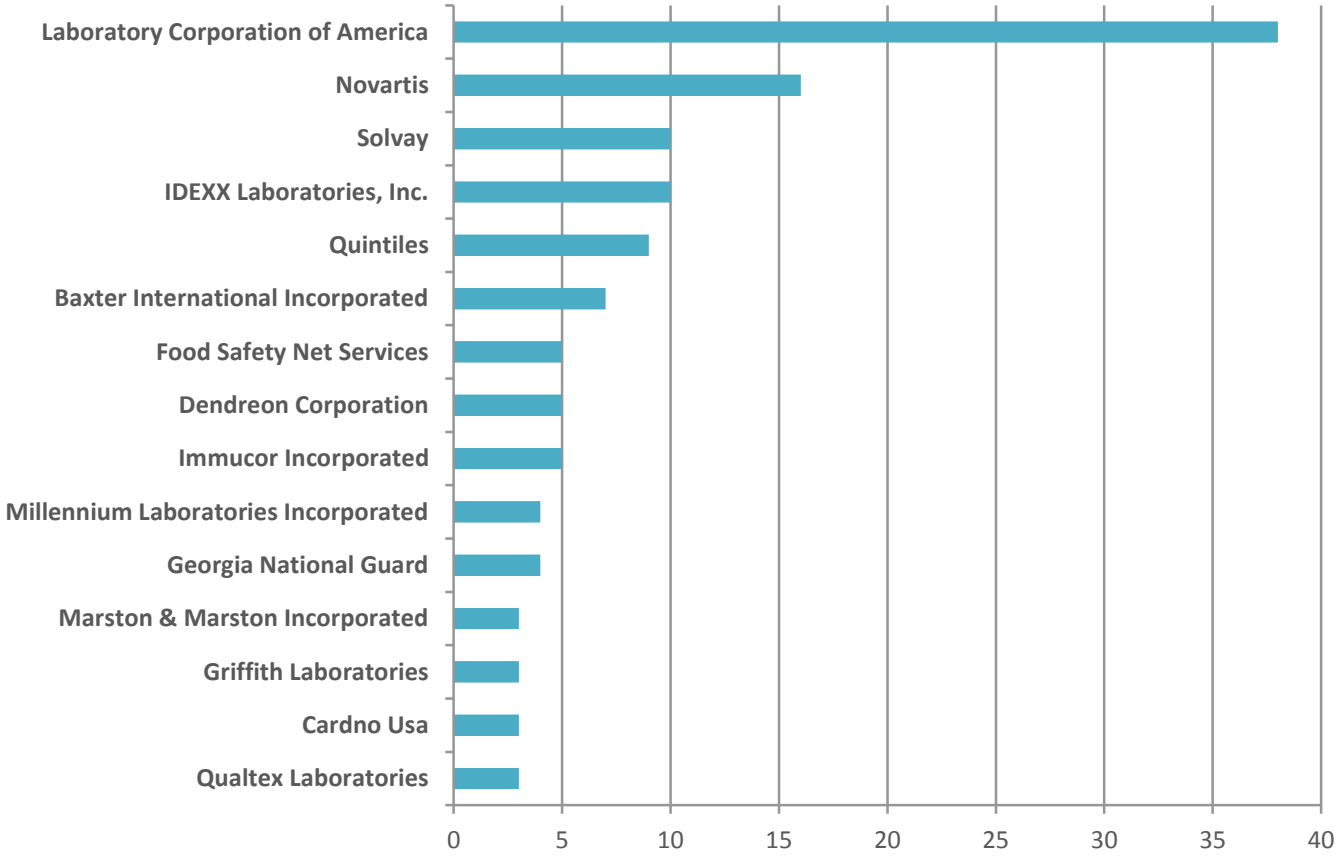
TOP CERTIFICATIONS



Total Postings: Last 12 months (November 2013-November 2014)

BIOSCIENCE: BIOTECH BA-

Top Employers



Total Postings: Last 12 months (November 2013-November 2014)

SUPPLY CHAIN & LOGISTICS:
SUPPLY CHAIN MANAGEMENT & SOFTWARE

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

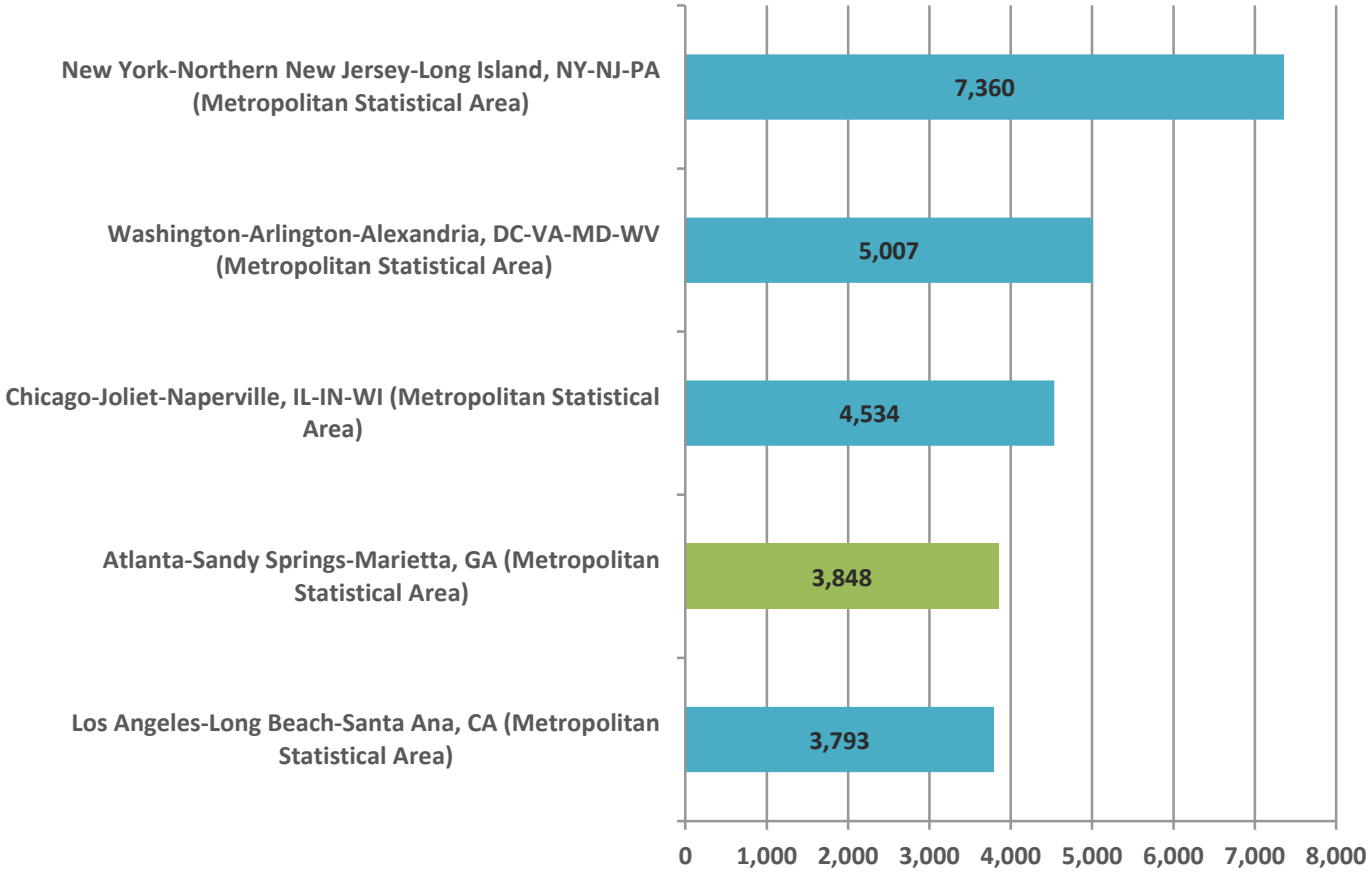
SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

Supply Chain Management & Software

Supply Chain Management and software jobs cover IT jobs relating to supply chain management, logistics and procurement.

SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

Top 5 MSA Job Postings + Atlanta



Total Postings: 2013

Atlanta ranks 4th in the nation.

SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

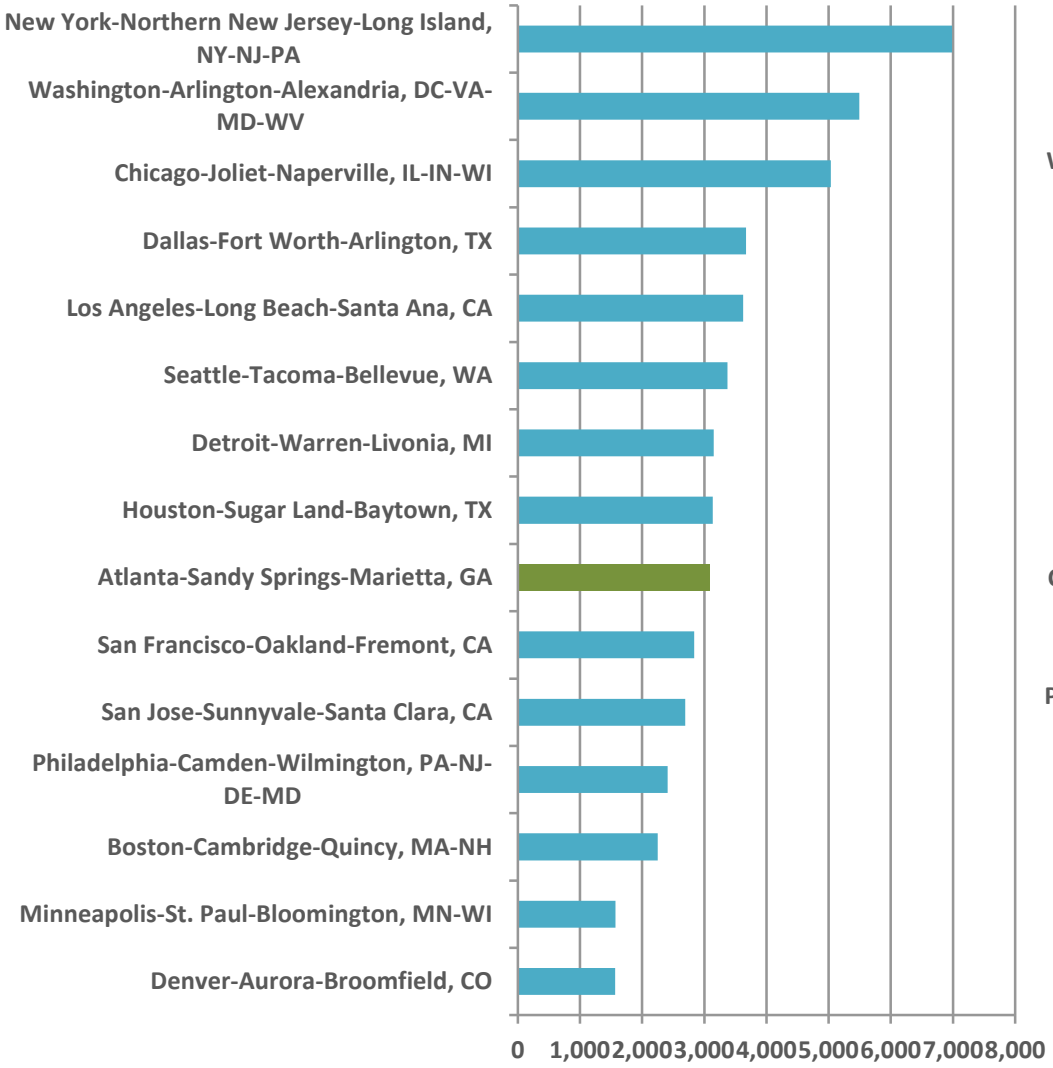
Supply Chain Management: Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 4th among MSAs in supply chain software postings, up from 8th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 2,057 in 2007 to 3,848 in 2013
  - This 166% increase compares to 147% growth in the nation on the whole
  - Atlanta's national share of supply chain logistics jobs increased from 3.8% in 2007 to 4.2% in 2013
- From 2010 to 2013, supply chain logistics postings in Atlanta increased 44%
  - This is higher than the 26.4% percentage growth in the nation on the whole
  - The 44% is the highest growth rate amongst the top five MSAs in this type of posting from 2010 to 2013

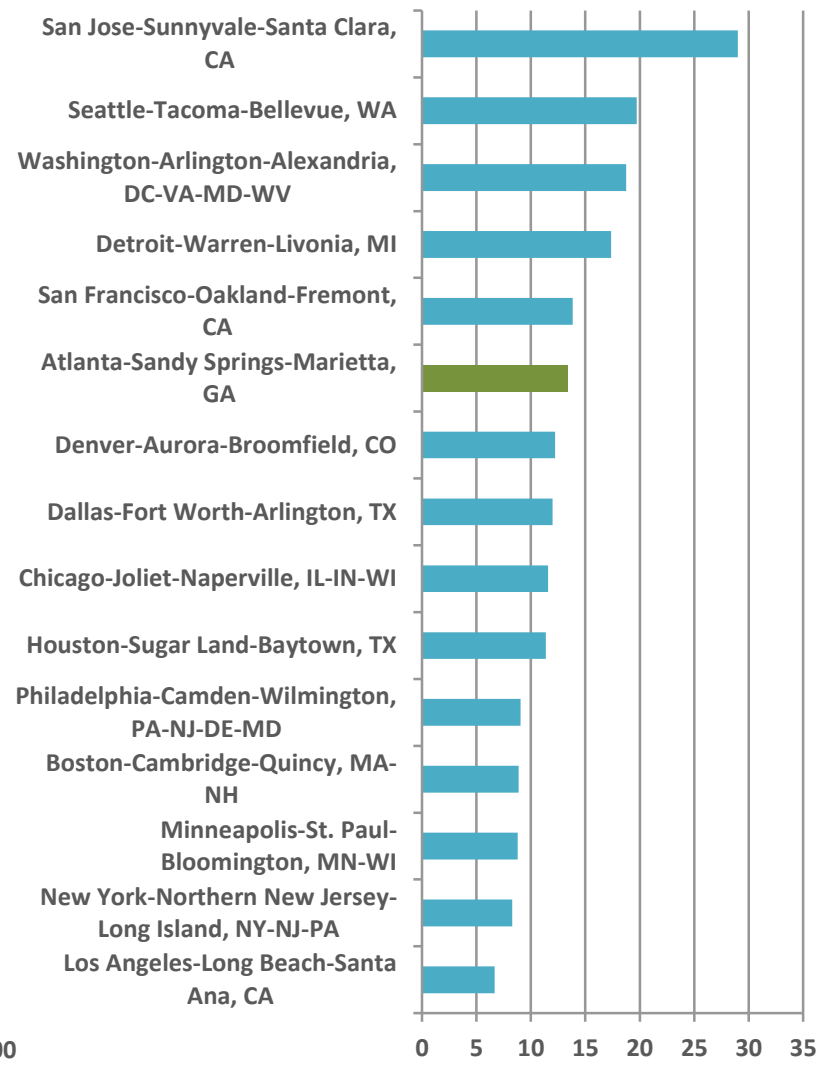
SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

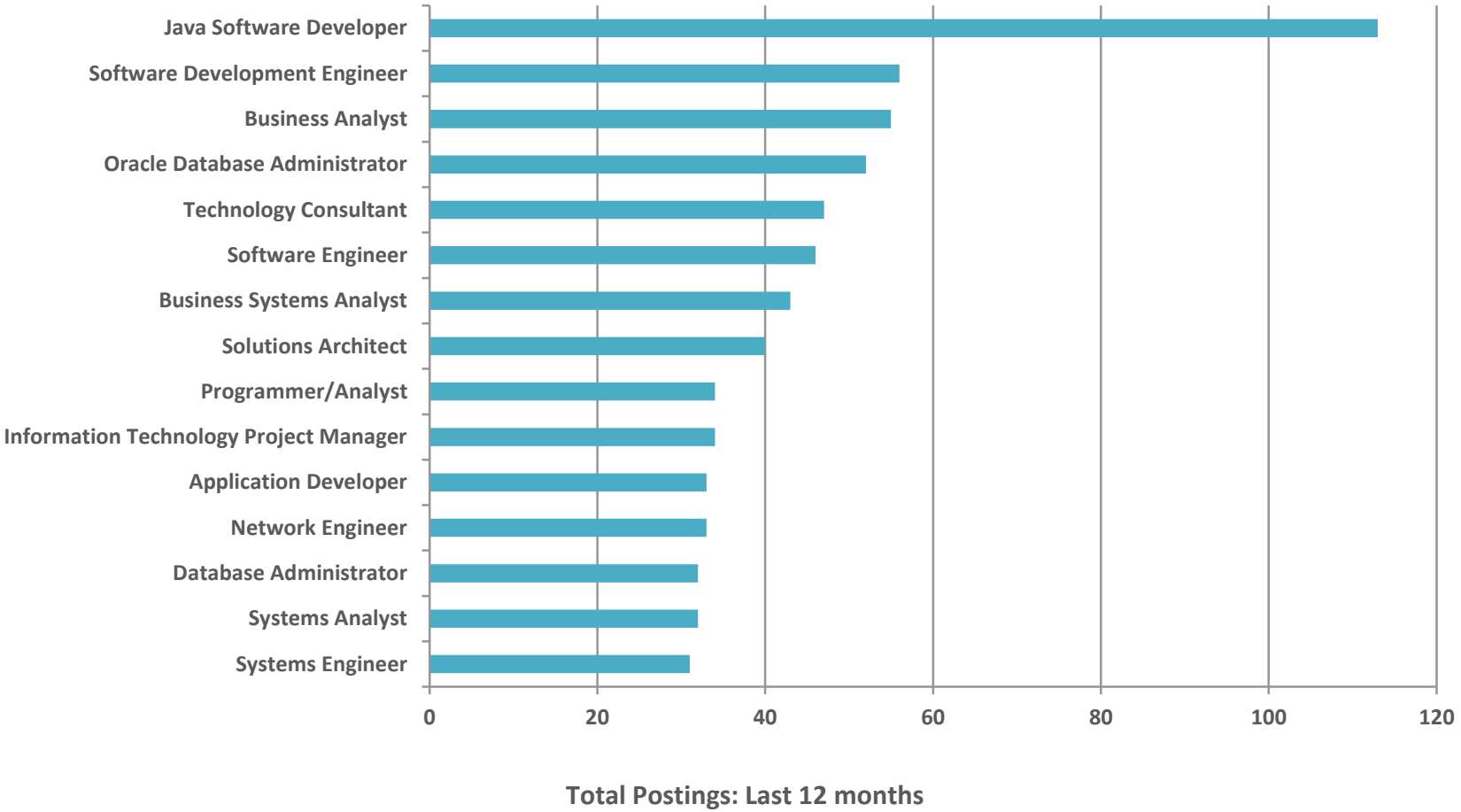
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

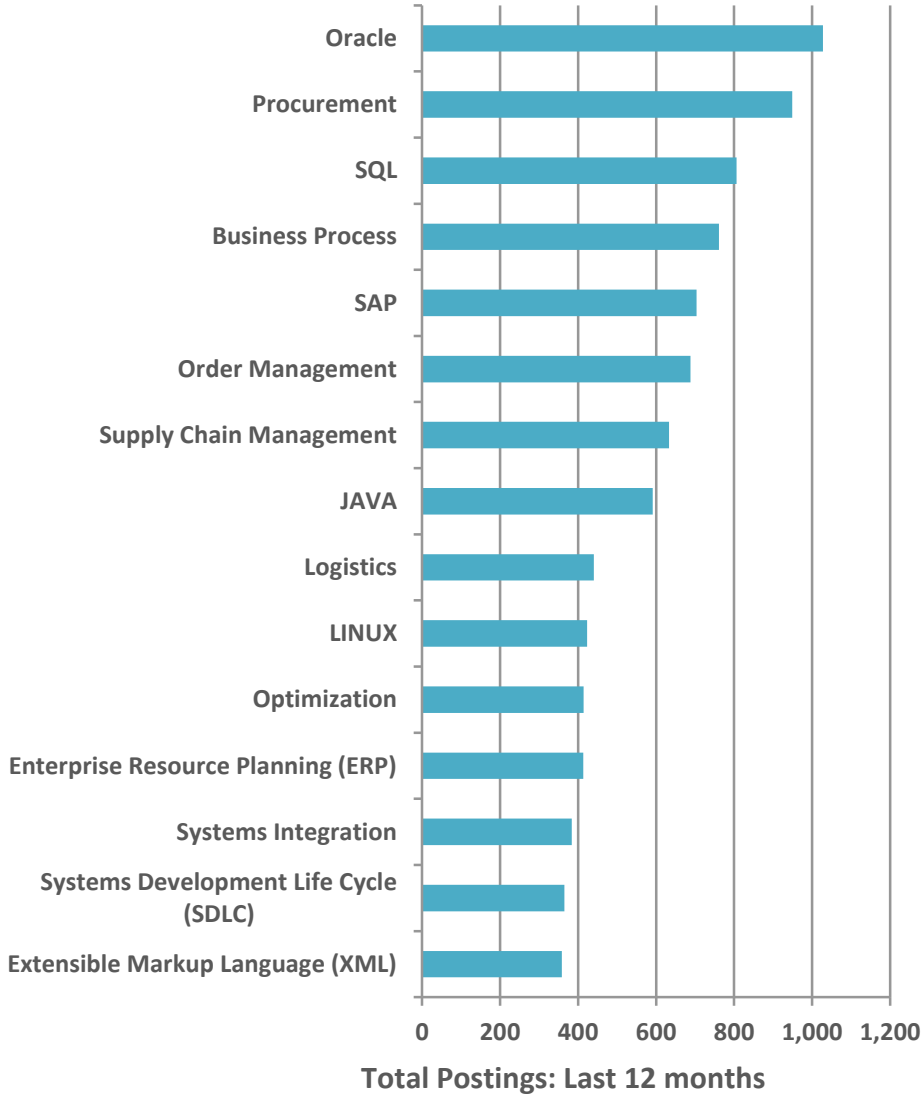
SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

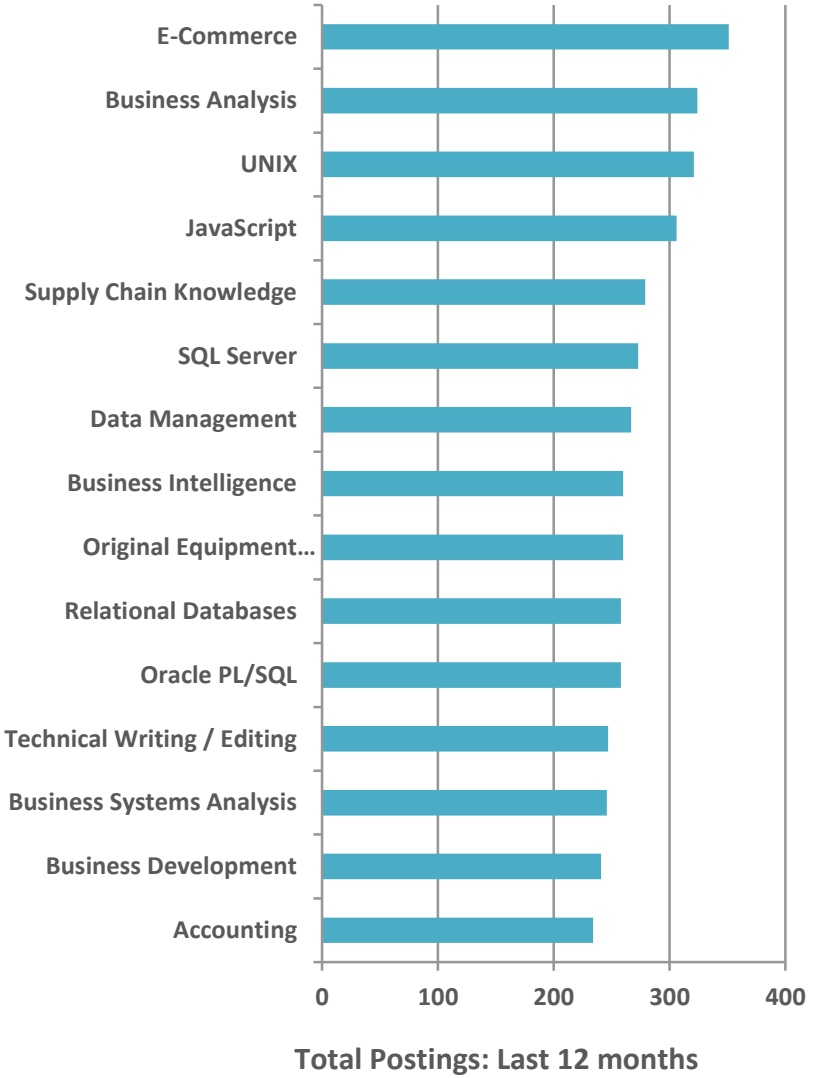
Top Titles



SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

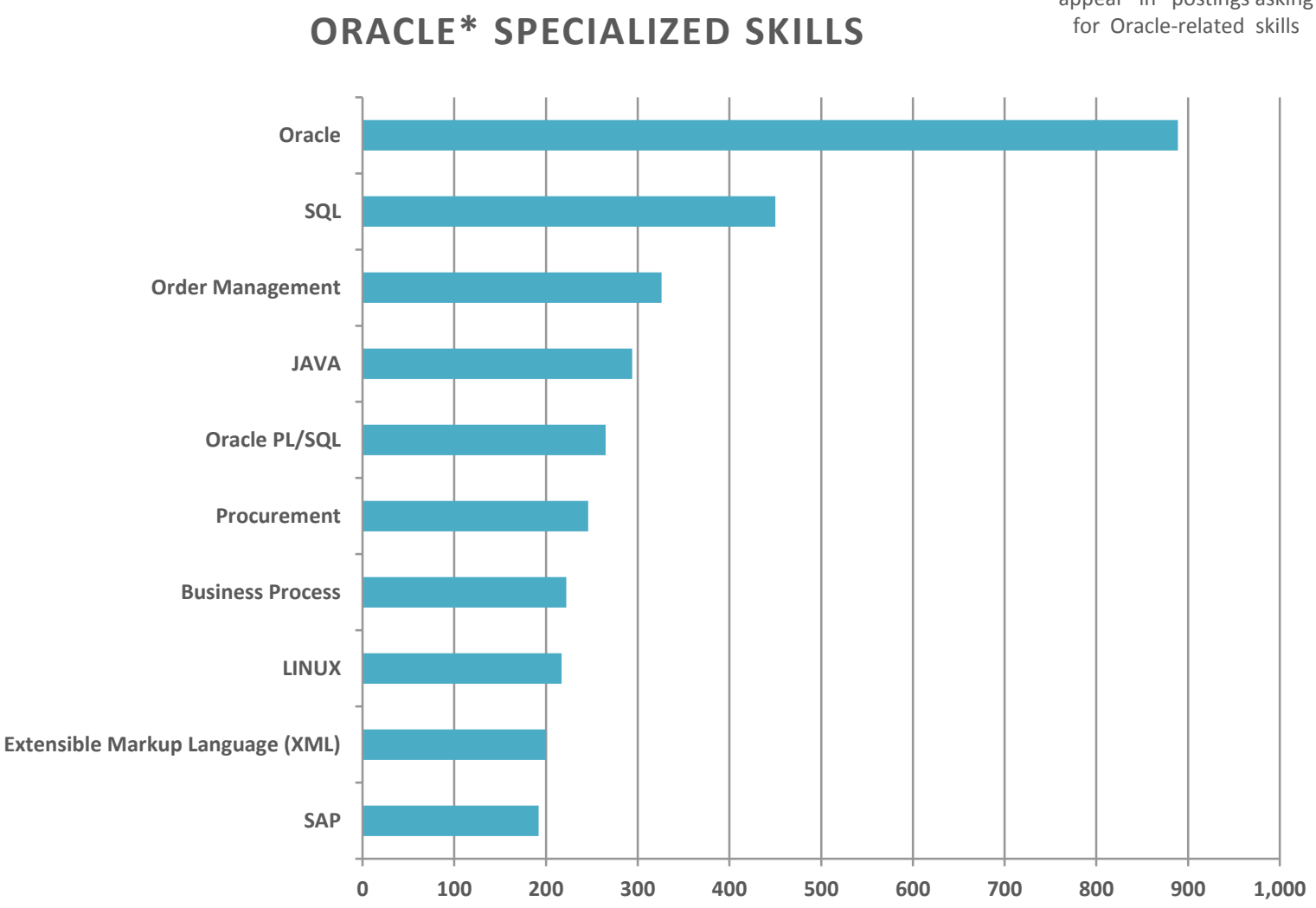
TOP SPECIALIZED SKILLS





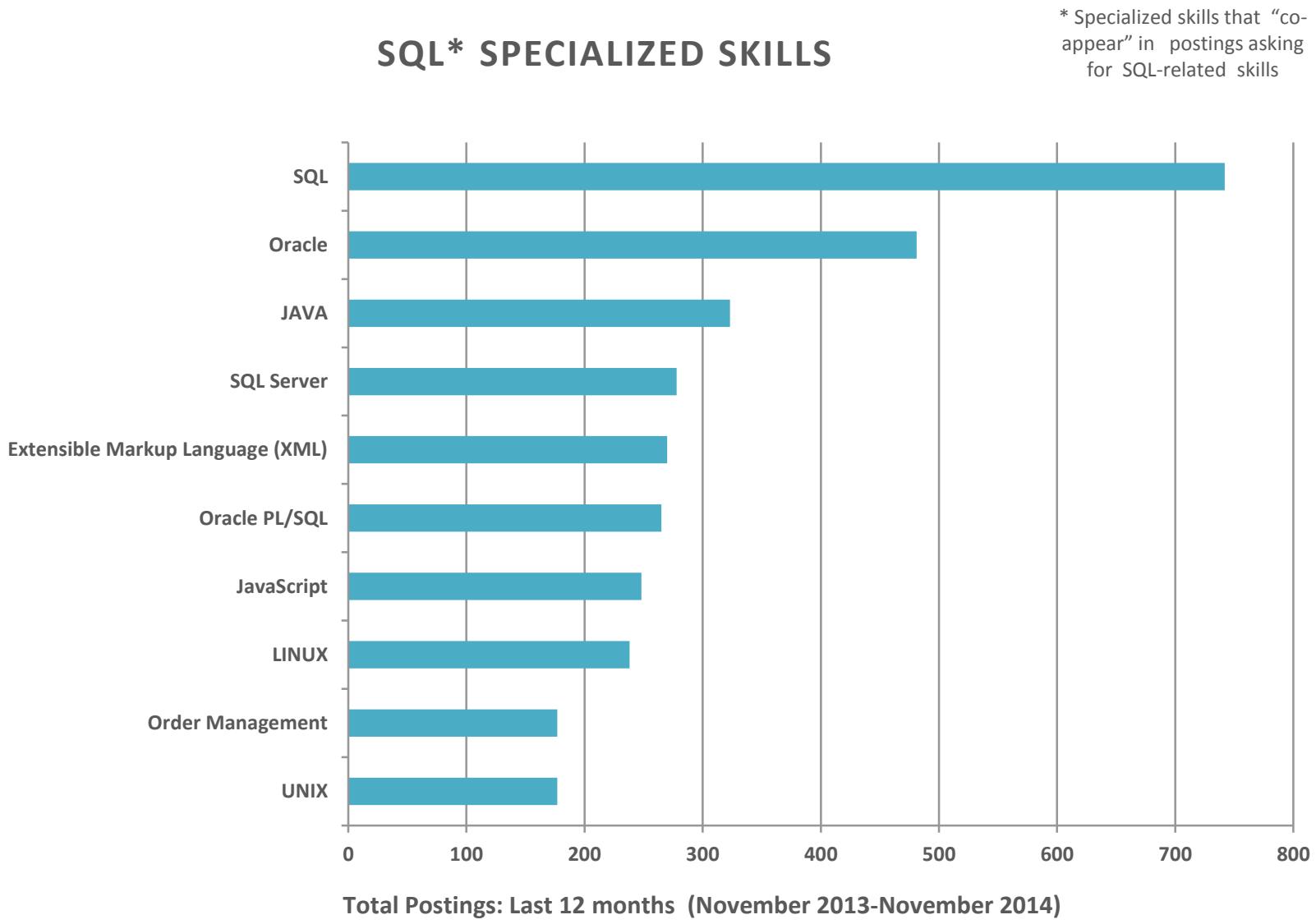
SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

* Specialized skills that "co-appear" in postings asking for Oracle-related skills



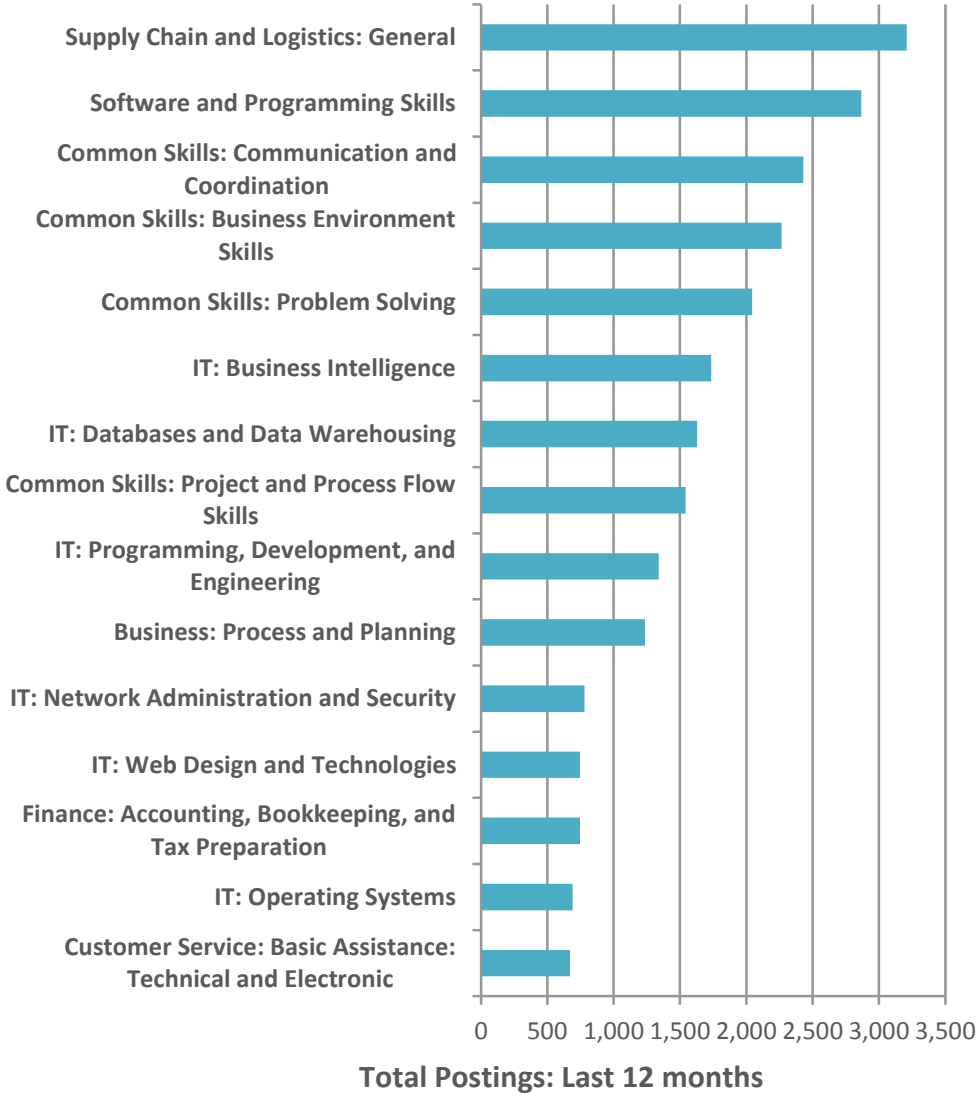
Total Postings: Last 12 months (November 2013-November 2014)

SUPPLY CHAIN: MANAGEMENT AND SOFTWARE



SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

TOP SKILL CLUSTERS

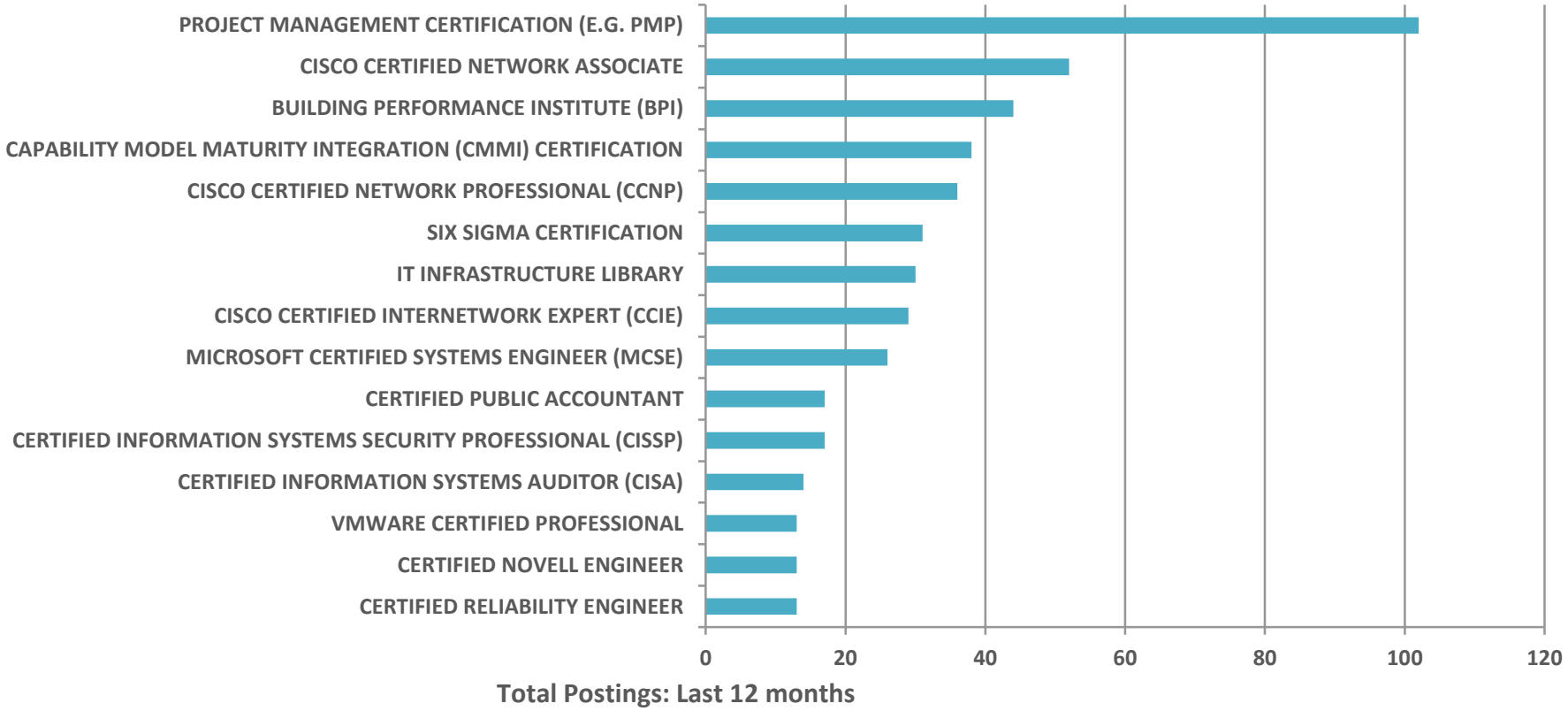


TOP BASELINE SKILLS

SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

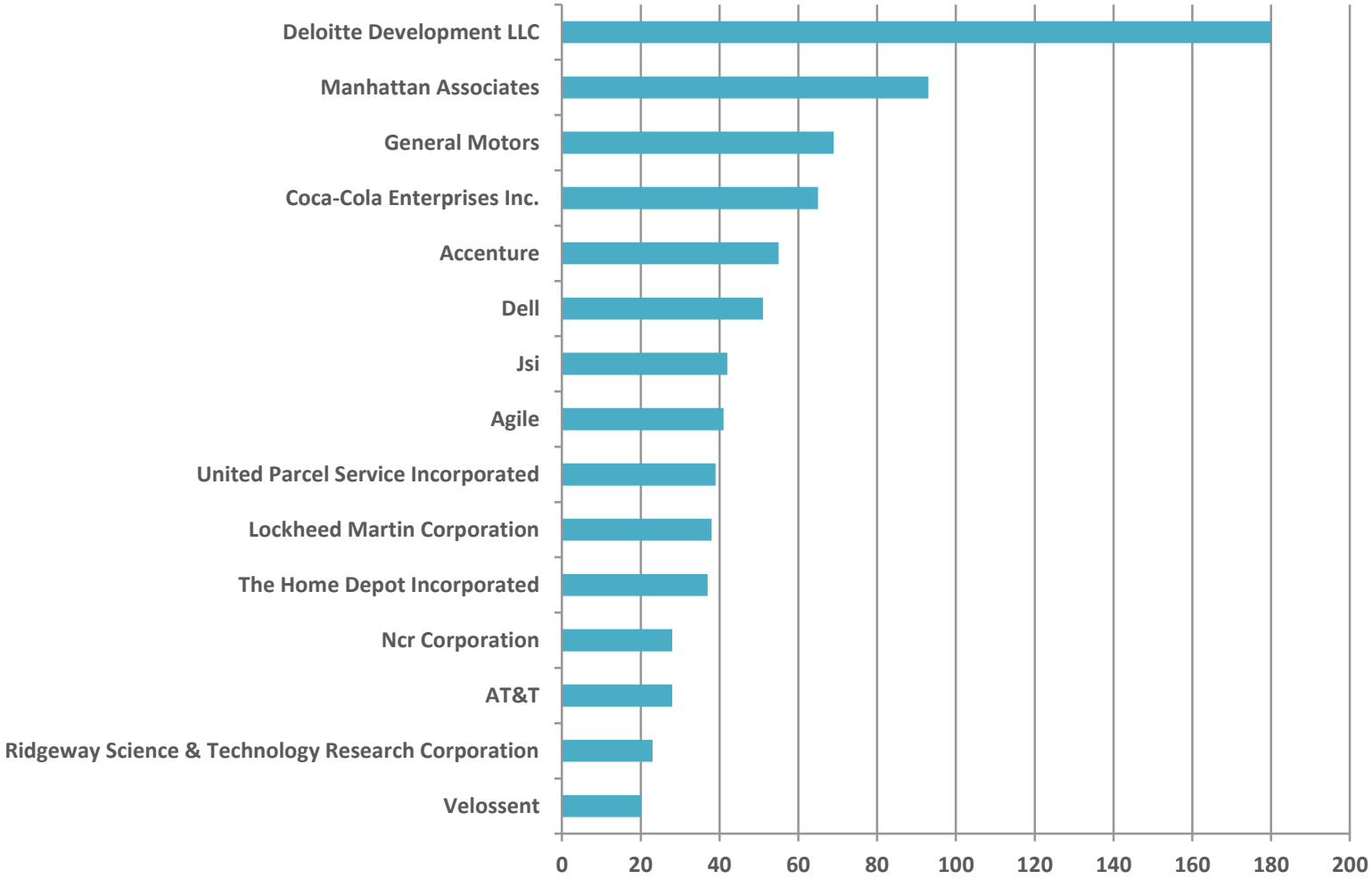
MINIMUM EDUCATION REQUIREMENTS

TOP CERTIFICATIONS



SUPPLY CHAIN: MANAGEMENT AND SOFTWARE

Top Employers



Total Postings: Last 12 months

SUPPLY CHAIN & LOGISTICS: DISTRIBUTION SERVICES

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

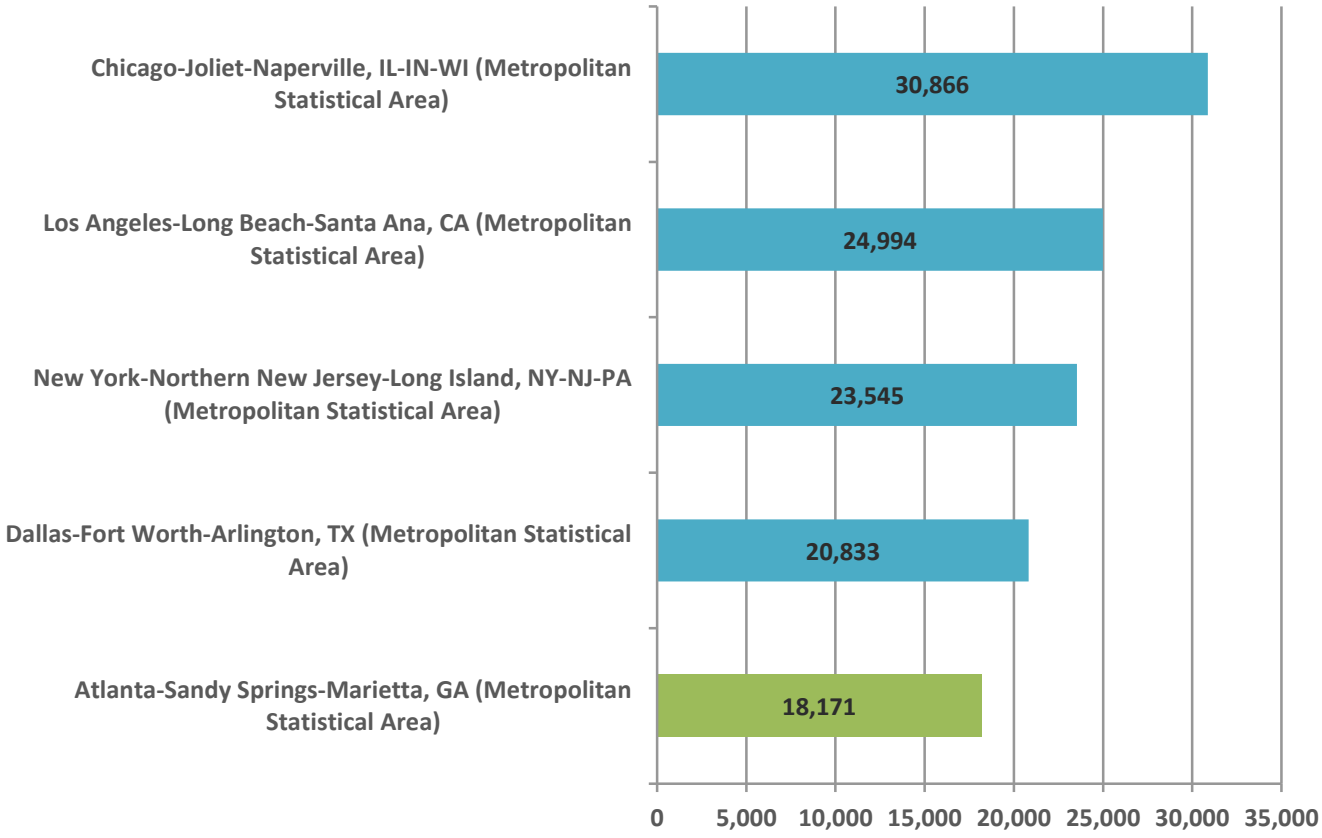
SUPPLY CHAIN: DISTRIBUTION SERVICES

Supply Chain Distribution Services

Supply chain distribution services cover jobs requiring knowledge of transportation, storage, distribution, and other supply chain activities.

SUPPLY CHAIN: DISTRIBUTION SERVICES

Top 5 MSA Job Postings



Total Postings: 2013

Atlanta ranks 5th in the nation.

SUPPLY CHAIN: DISTRIBUTION SERVICES

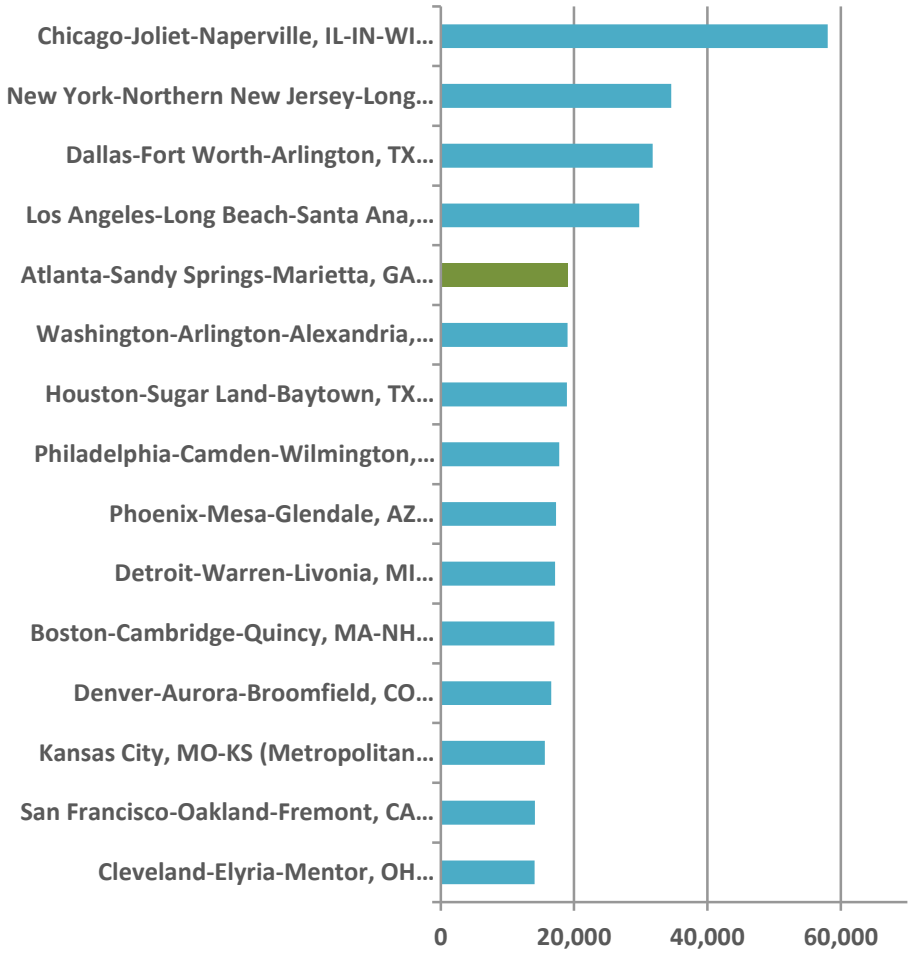
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 5th among MSAs in supply chain logistics postings, up from 15th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 4,178 in 2007 to 18, 171 in 2013
  - This 335% increase compares to 156% growth in the nation on the whole
  - Atlanta's national share of supply chain logistics jobs increased from 1.2% in 2007 to 2.0% in 2013
  - This 335% is higher than all other of the top five MSAs in this type of posting
- From 2010 to 2013, supply chain distribution postings in Atlanta increased 163%
  - This is higher than the 82% percentage growth in the nation on the whole
  - The 163% trails only Chicago (193%) for the highest growth rate amongst the top five MSAs in this type of posting from 2010 to 2013

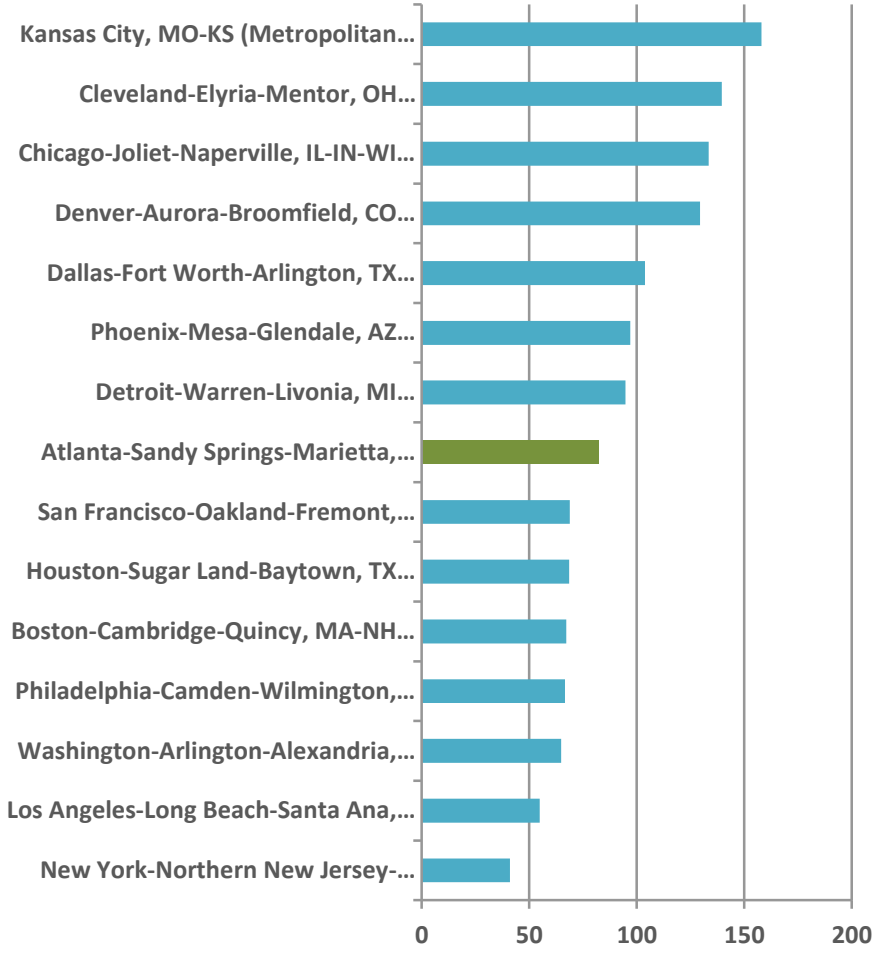
SUPPLY CHAIN: DISTRIBUTION SERVICES

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

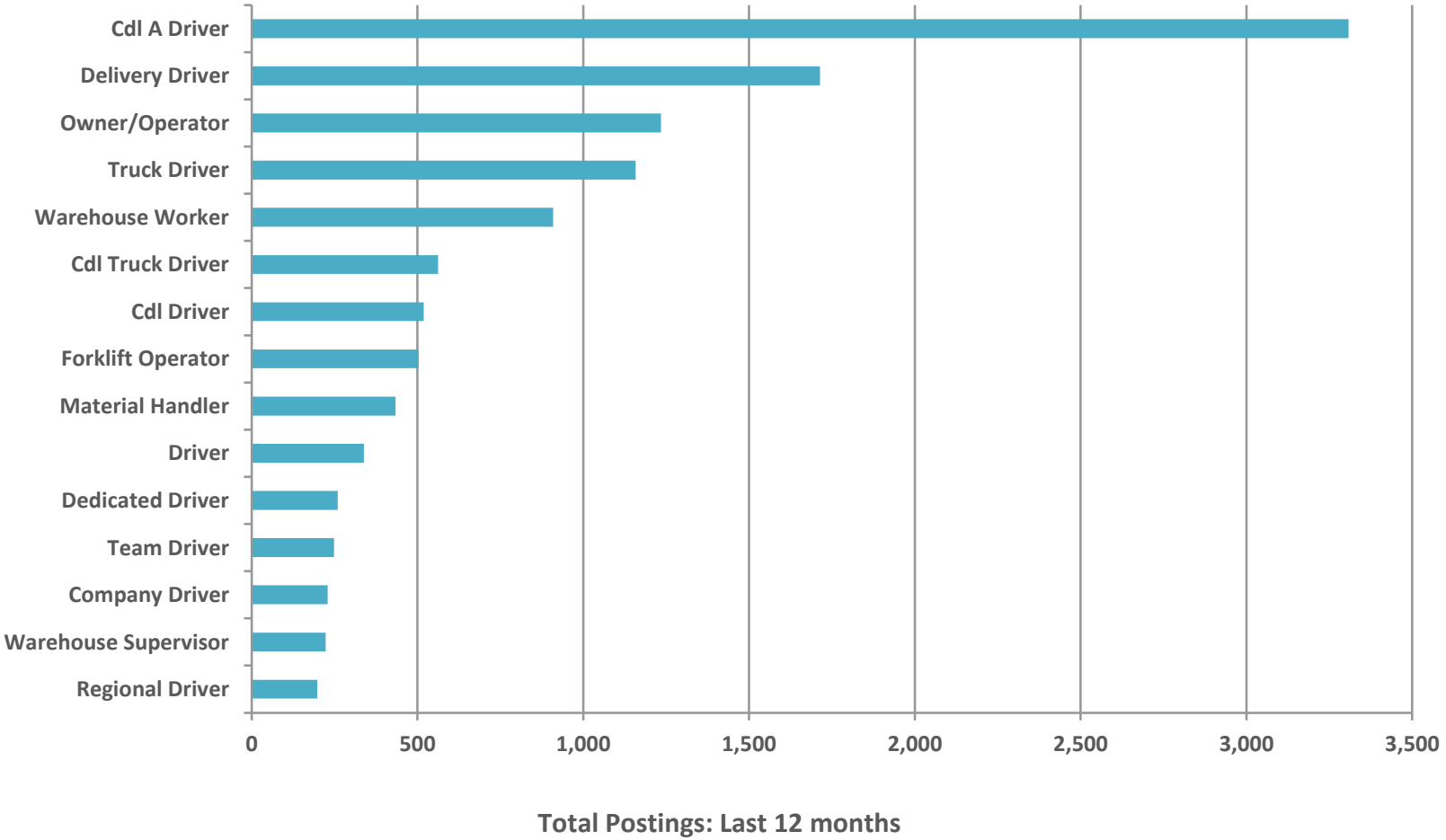
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

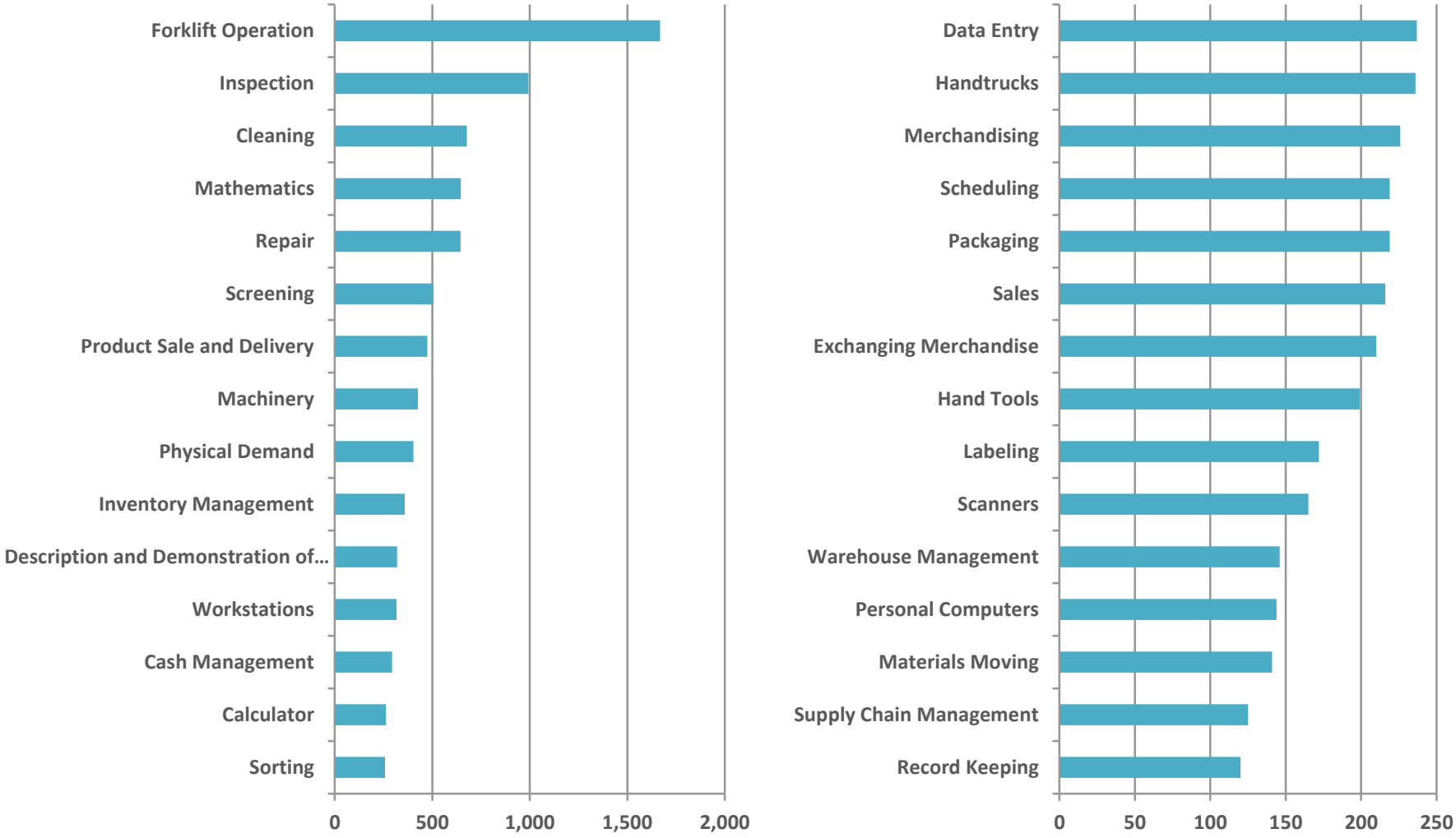
SUPPLY CHAIN: DISTRIBUTION SERVICES

Top Titles



SUPPLY CHAIN: DISTRIBUTION SERVICES

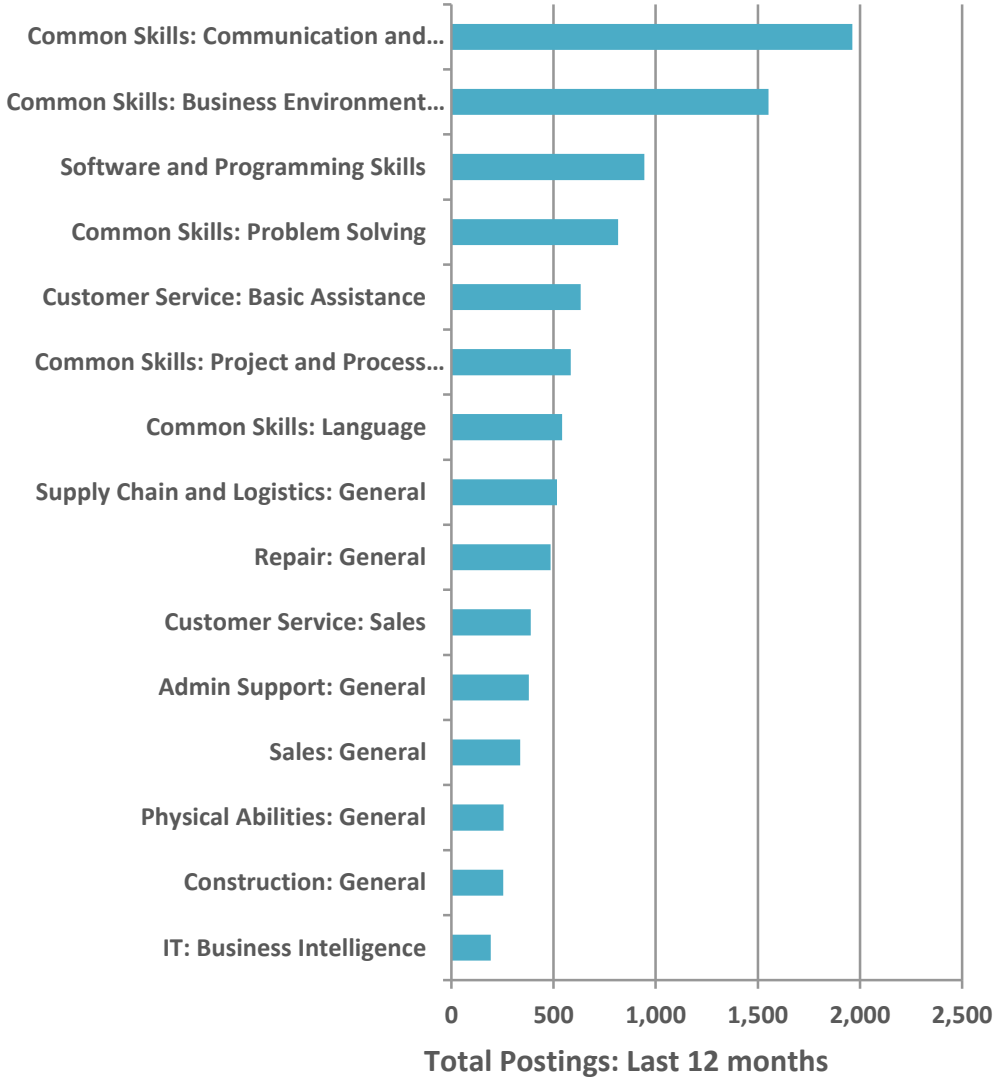
TOP SPECIALIZED SKILLS



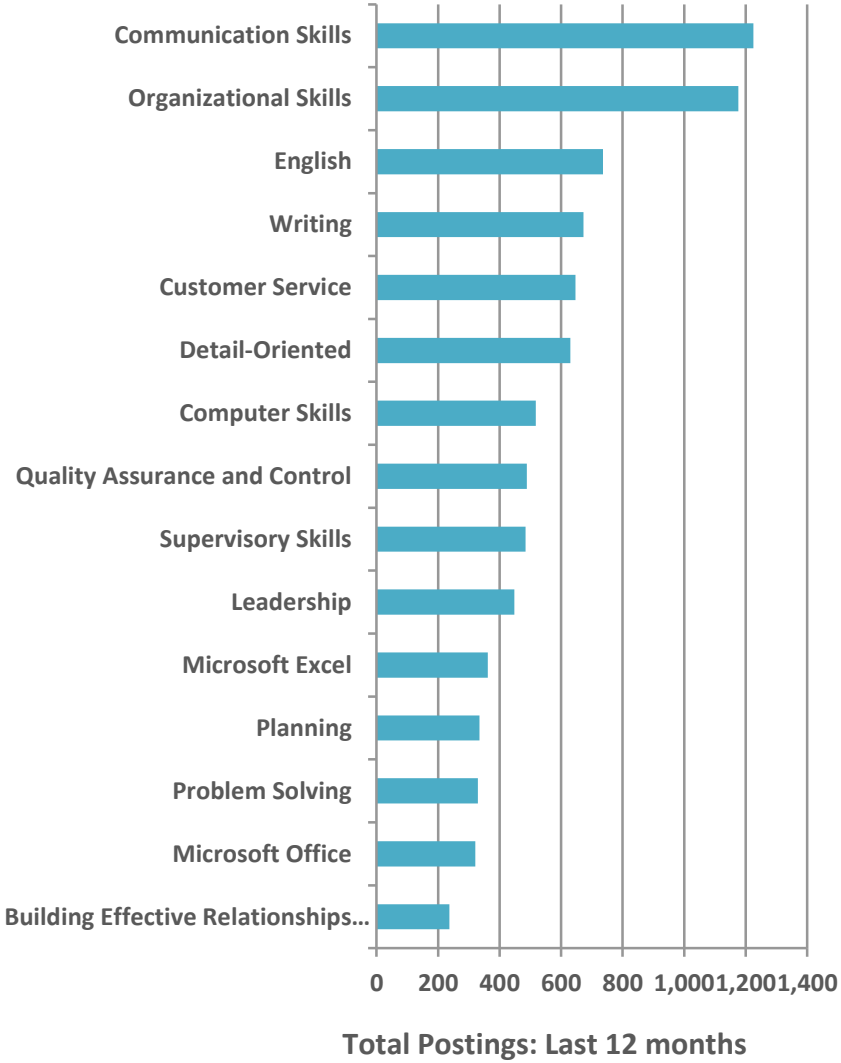
Total Postings: Last 12 months

SUPPLY CHAIN: DISTRIBUTION SERVICES

TOP SKILL CLUSTERS

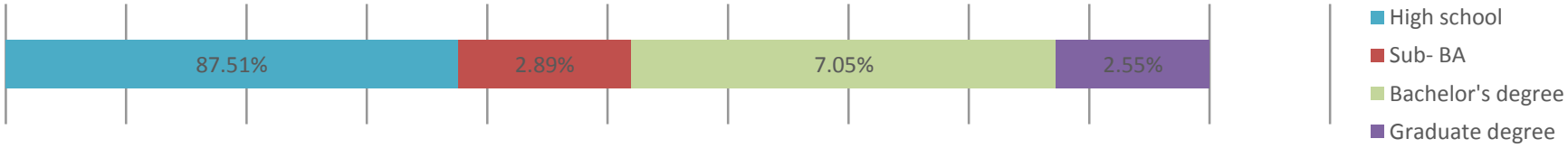


TOP BASELINE SKILLS

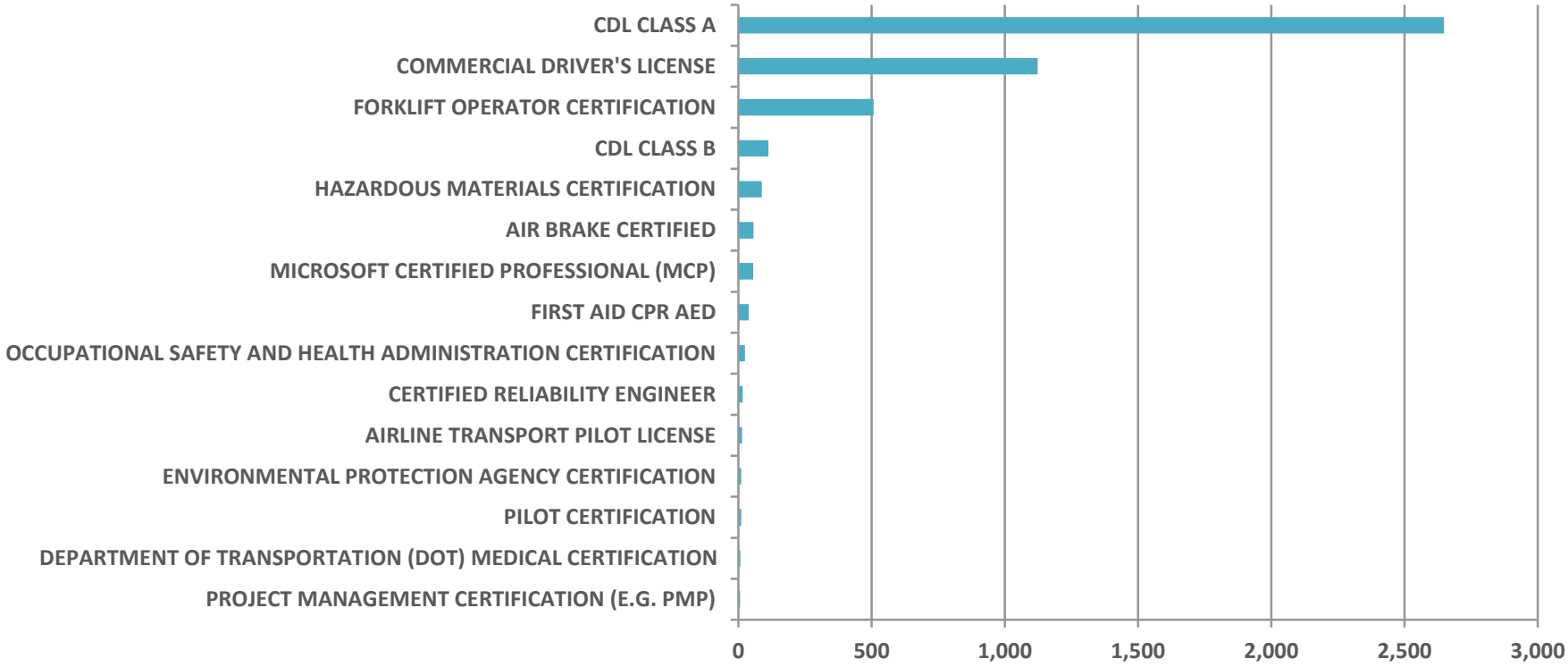


SUPPLY CHAIN: DISTRIBUTION SERVICES

MINIMUM EDUCATIONAL REQUIREMENTS



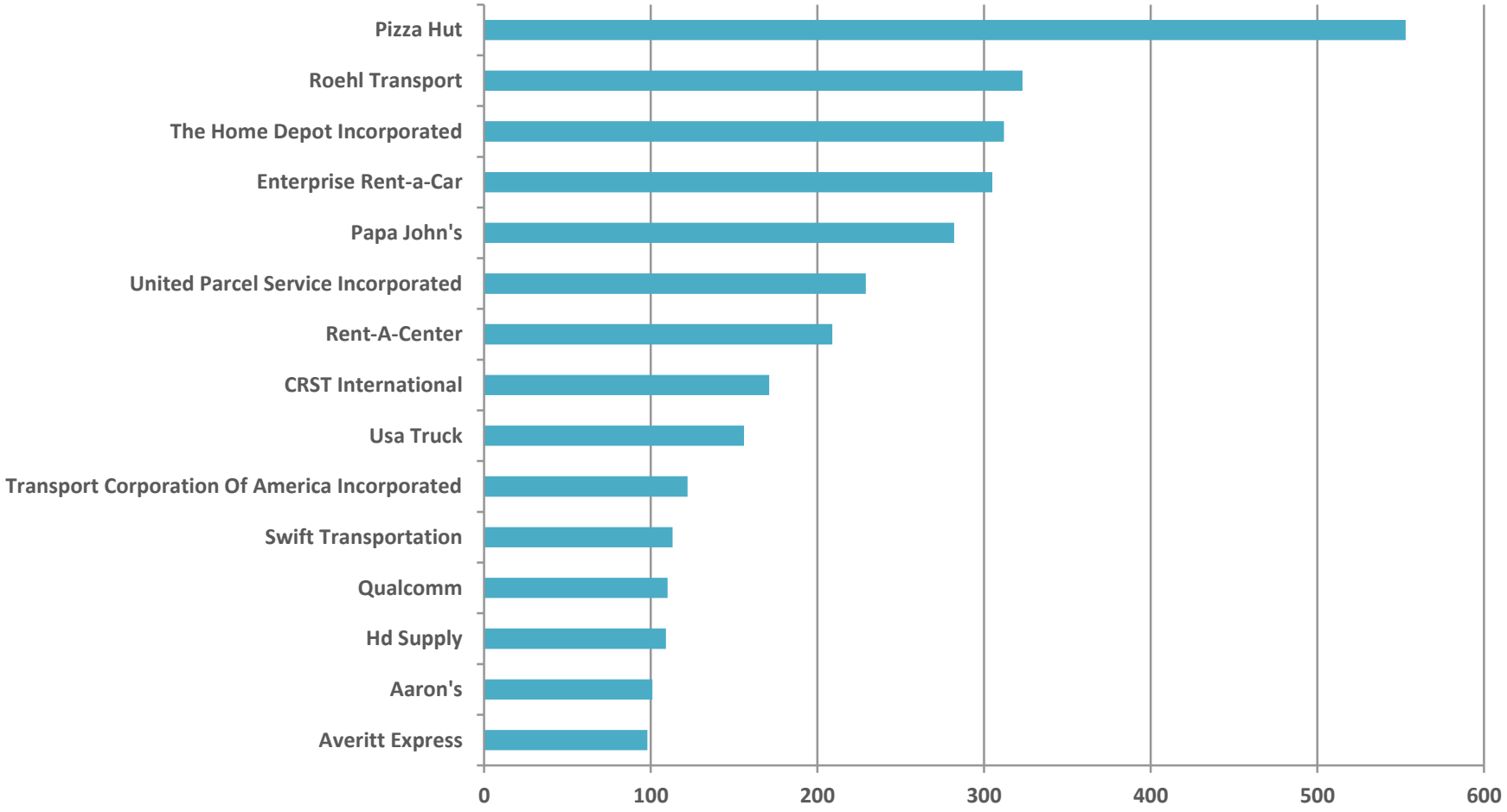
TOP CERTIFICATIONS



Total Postings: Last 12 months

SUPPLY CHAIN: DISTRIBUTION SERVICES

Top Employers



Total Postings: Last 12 months

HOSPITALITY

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

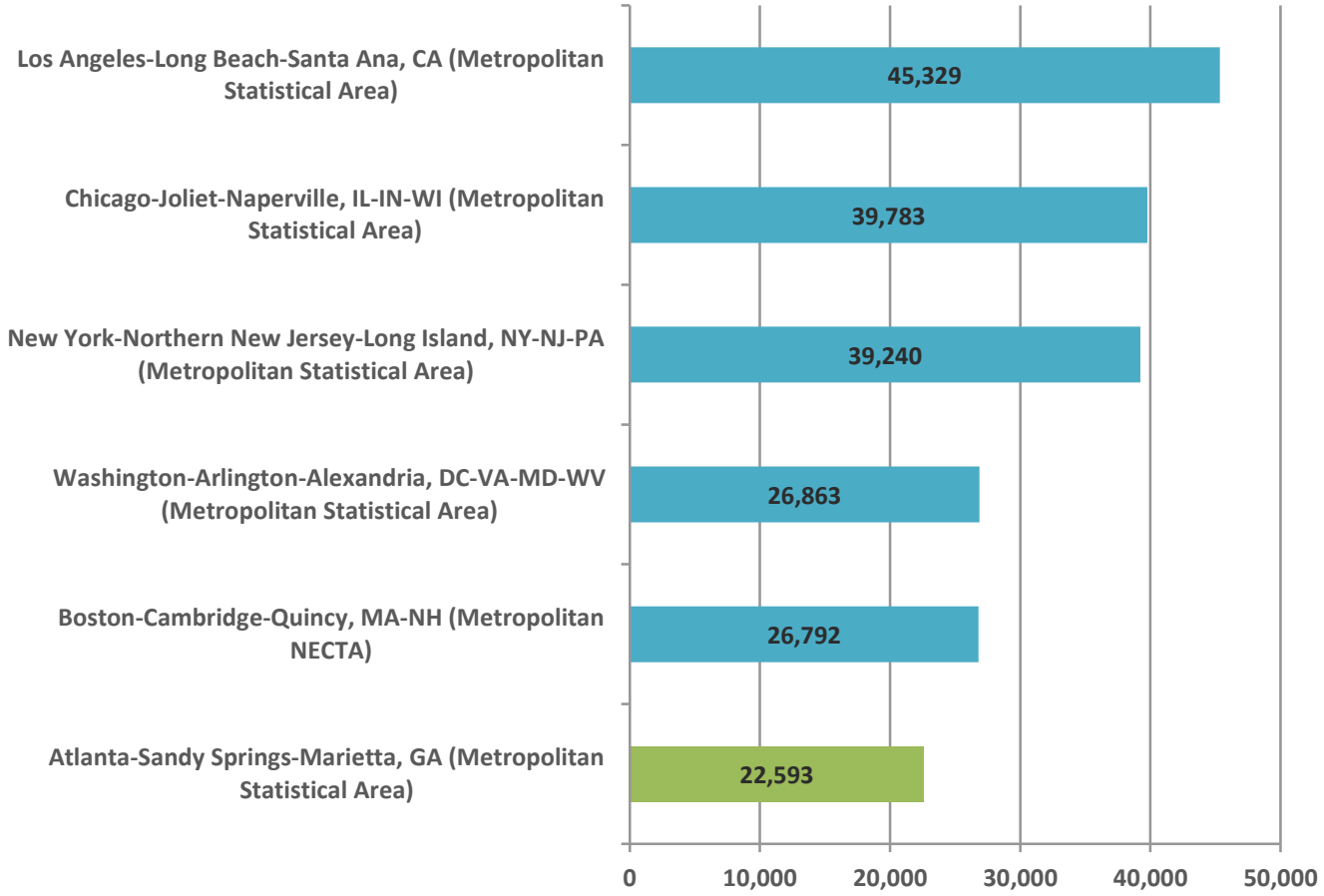
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

HOSPITALITY

The Hospitality sector comprises jobs requiring skills needed in the accommodation and food services industry.

HOSPITALITY

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 9th in the nation.

HOSPITALITY

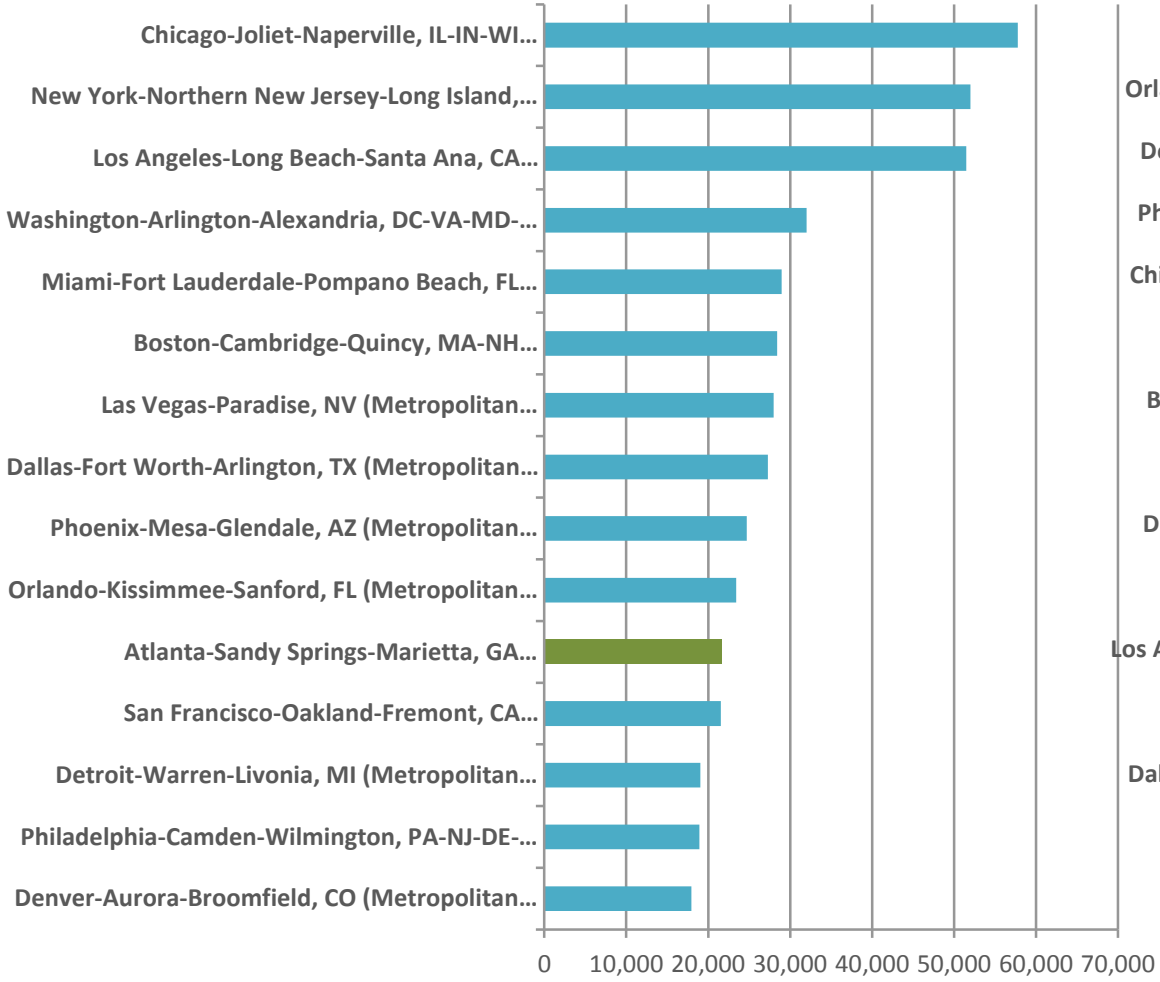
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 9th among MSAs in hospitality jobs, up from 15th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 5,097 in 2007 to 22, 593 in 2013
  - This 343% increase compares to 186% growth in the nation on the whole
  - Atlanta's national share of hospitality jobs increased from 1.3% in 2007 to 2.0% in 2013
  - This 343% increase is higher than all other of the top five MSAs in this type of posting
- From 2010 to 2013, hospitality postings in Atlanta increased 242%
  - This is far higher than the 115% percentage growth in the nation on the whole '10-'13
  - This rate trails only Chicago (260%) in growth rates amongst the top five MSAs in this type of posting from 2010 to 2013

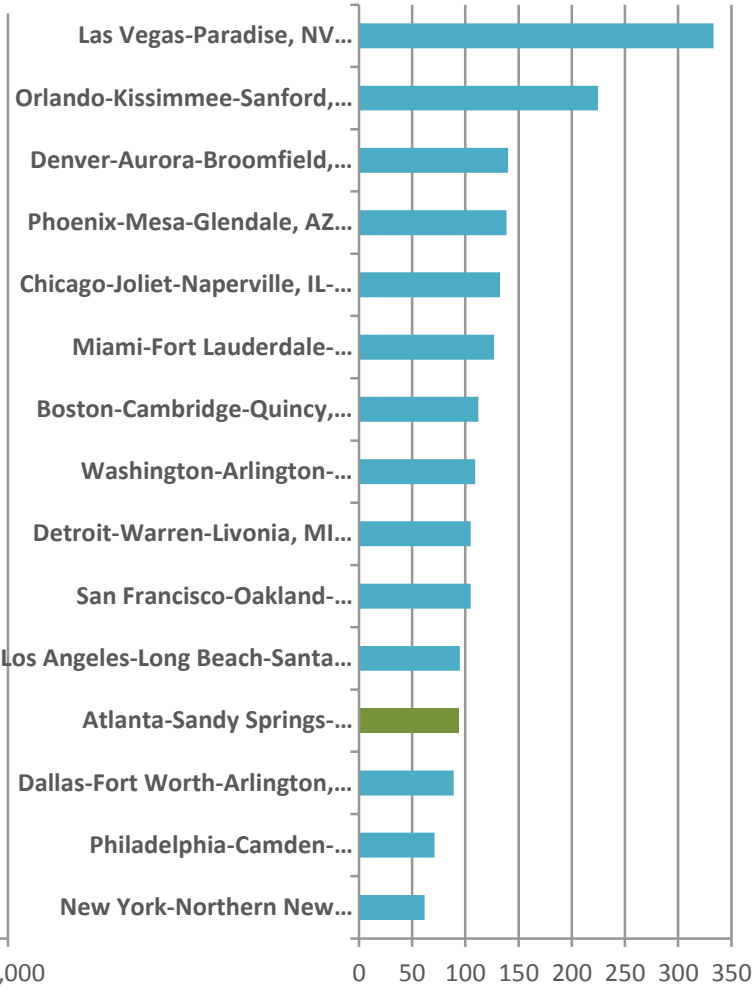
HOSPITALITY

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

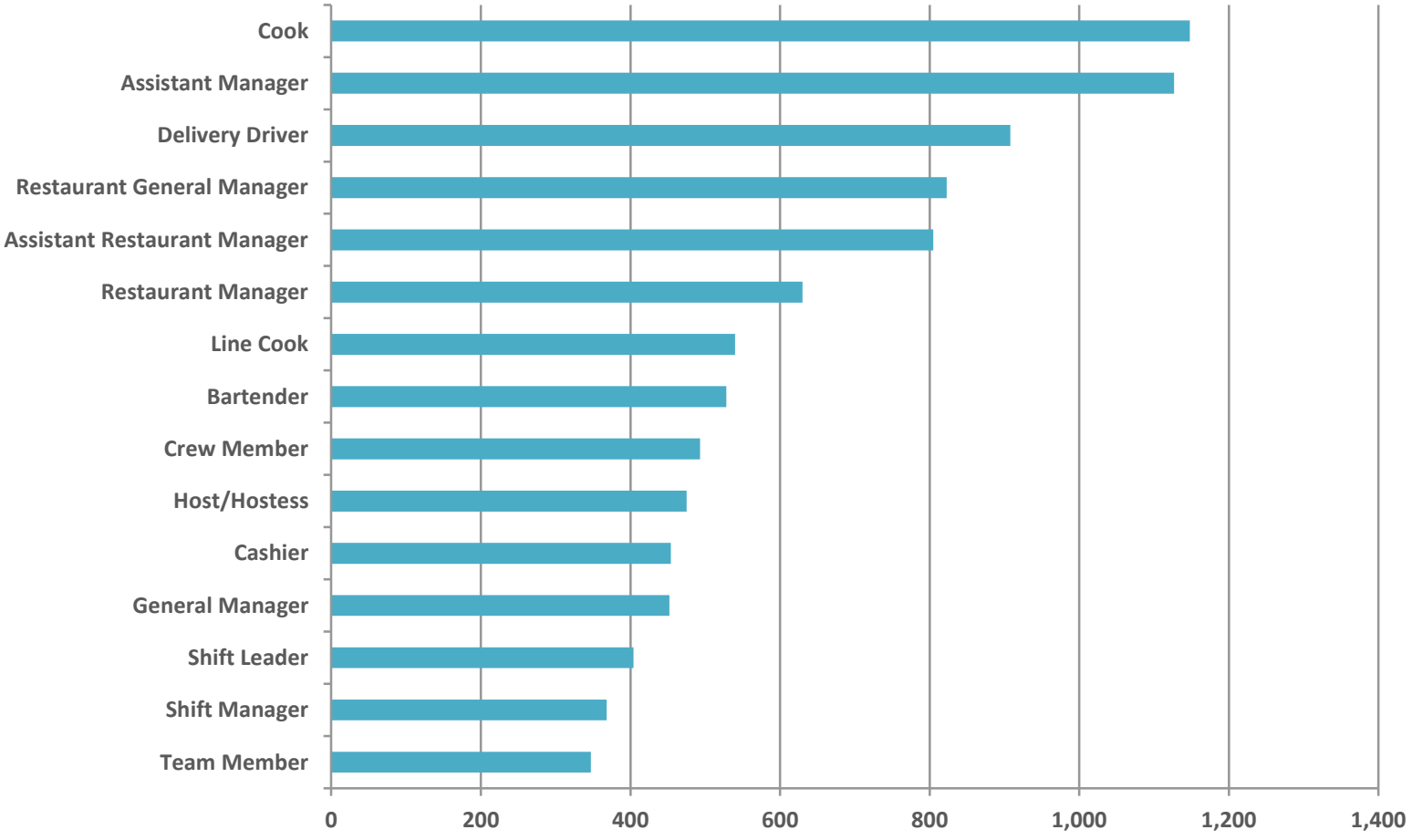
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

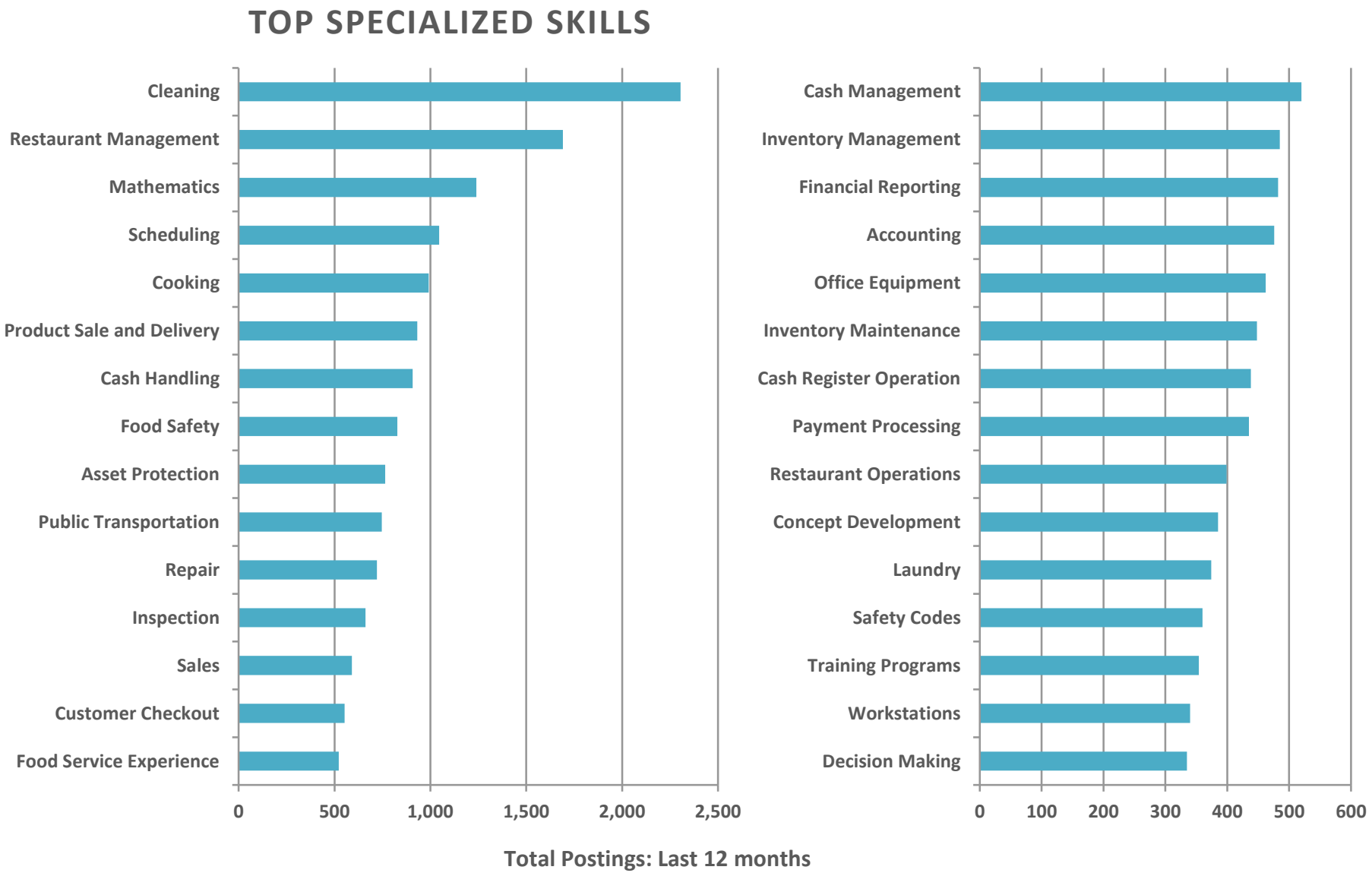
HOSPITALITY

Top Titles



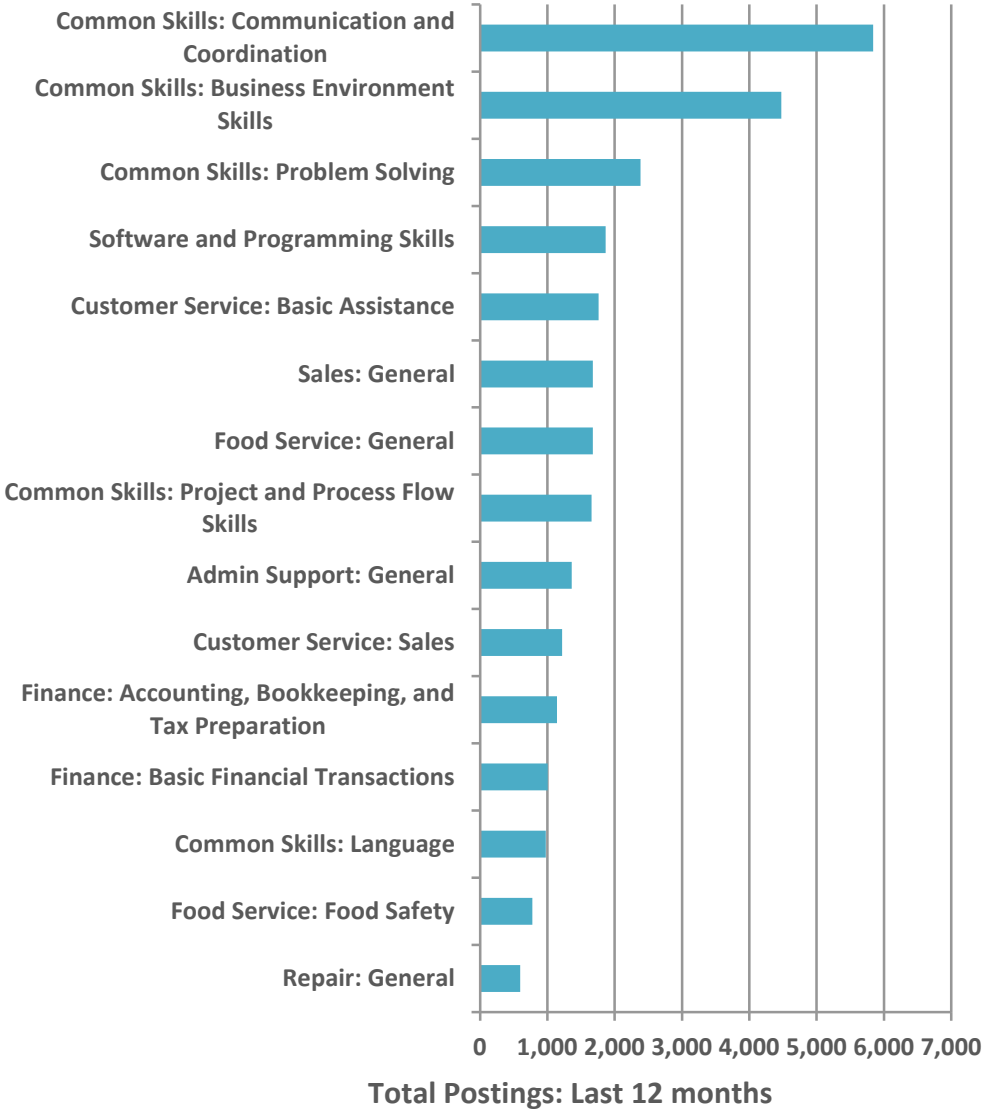
Total Postings: Last 12 months

HOSPITALITY



HOSPITALITY

TOP SKILL CLUSTERS

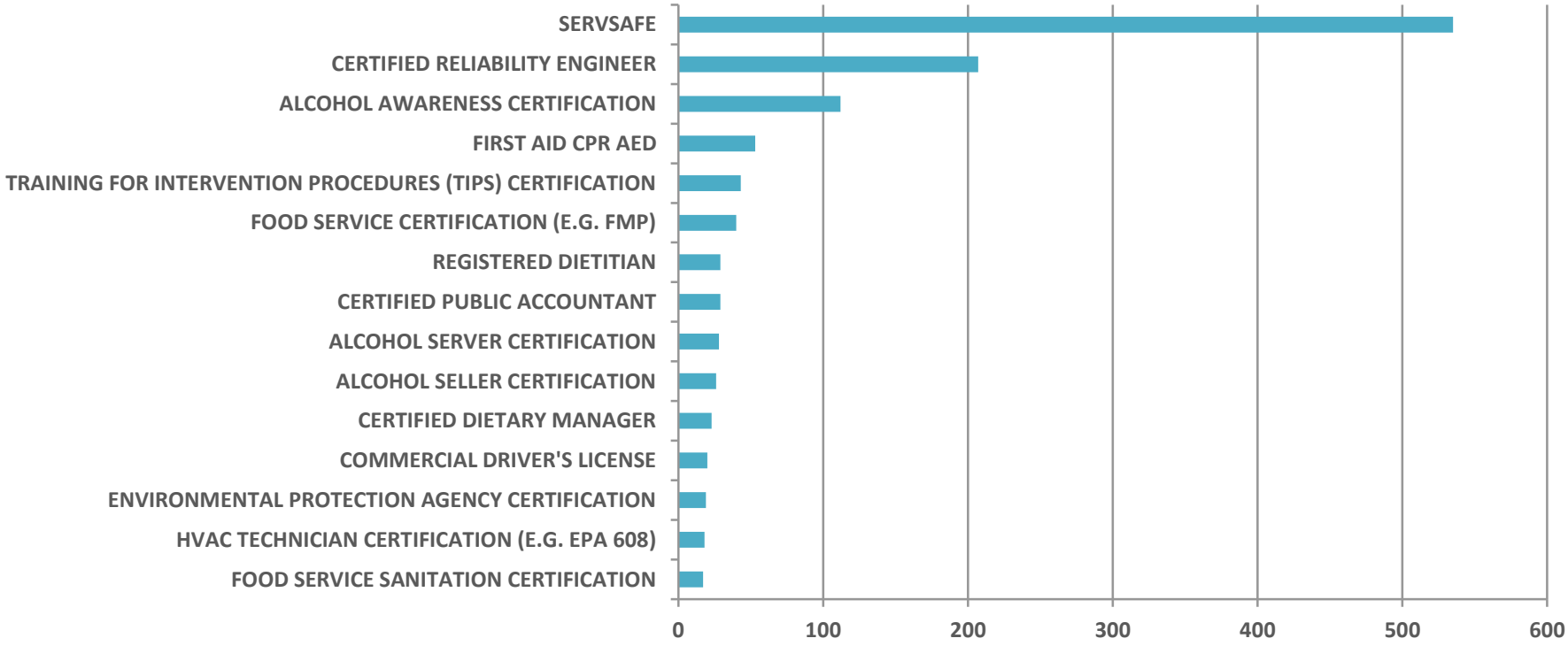


TOP BASELINE SKILLS

HOSPITALITY

MINIMUM EDUCATION REQUIREMENTS

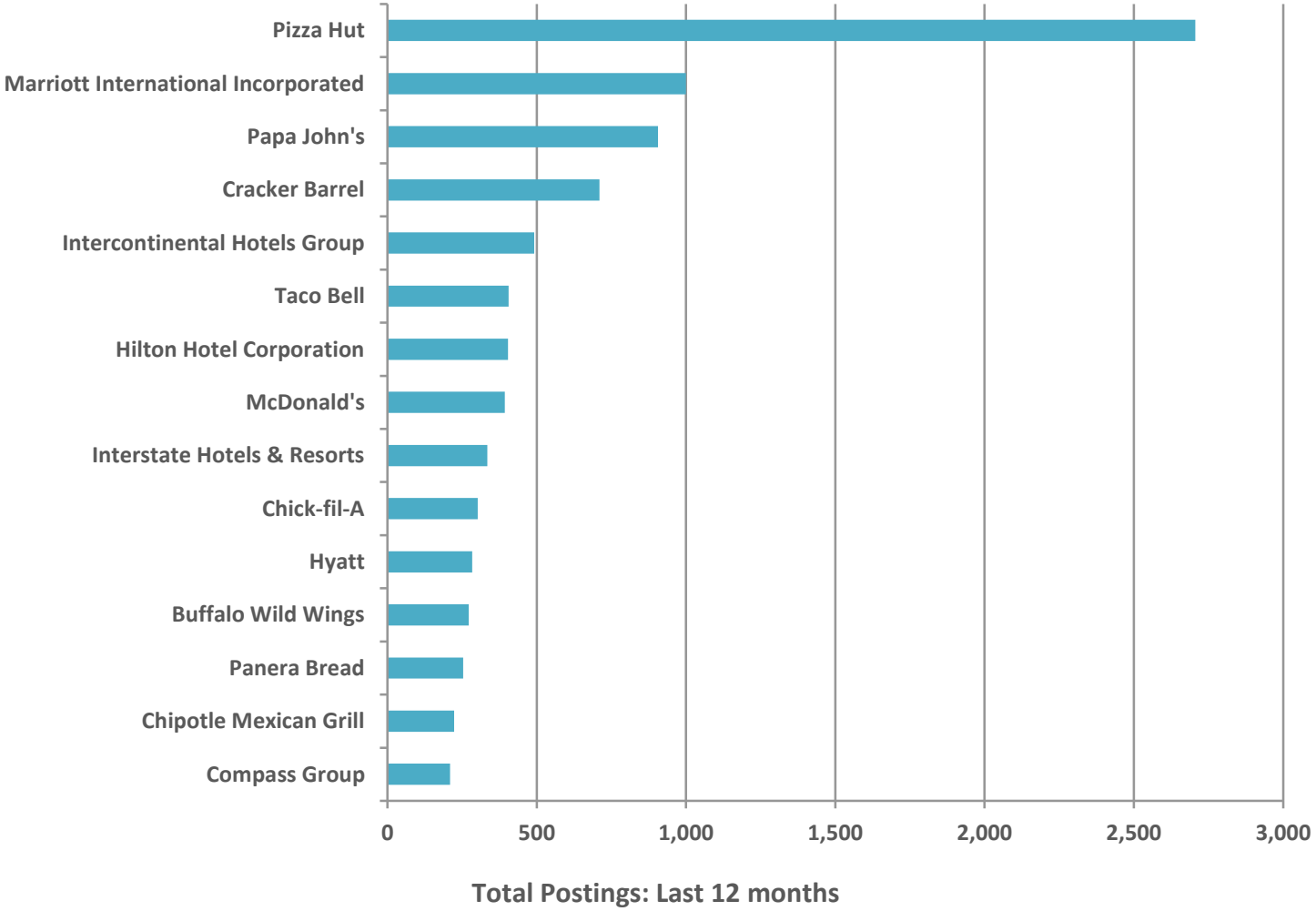
TOP CERTIFICATIONS



Total Postings: Last 12 months

HOSPITALITY

Top Employers



HEALTHCARE BA+

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

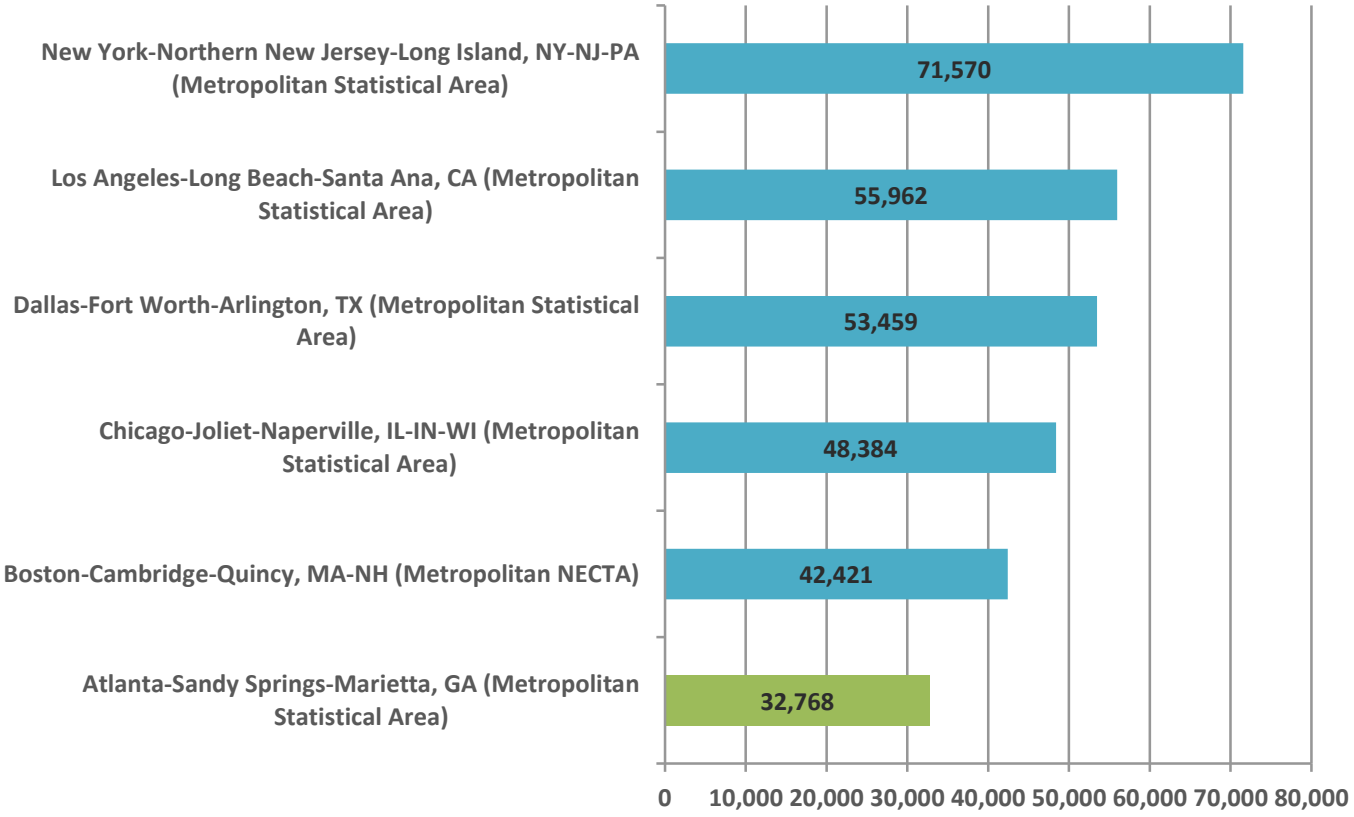
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

HEALTHCARE BA+

This targeted industry is defined as the postings in the *O-Net occupation category of “health care practitioners and technicians”. As noted in slides that follow, these healthcare occupations typically require a bachelors degree or more as an educational requirement.

HEALTHCARE BA+

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 11th in the nation.

Total Postings: Last 12 months

HEALTHCARE BA+

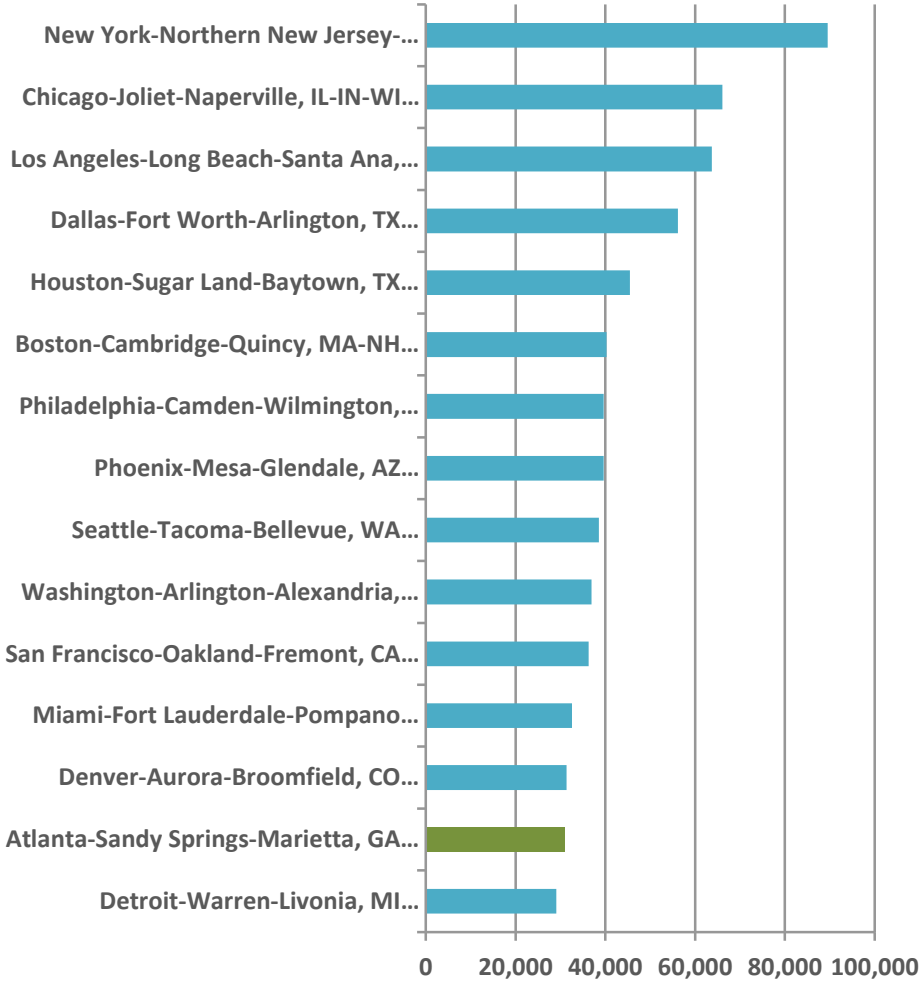
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 11th among MSAs in healthcare jobs requiring a bachelor's degree or more, up from 15th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 16,225 in 2007 to 32, 768 in 2013
  - This 102% increase compares to 27% growth in the nation on the whole
  - Atlanta's national share of supply chain logistics jobs increased from 1.1% in 2007 to 1.8% in 2013
  - This 102% increase is higher than all other of the top five MSAs in this type of posting
- From 2010 to 2013, healthcare BA+ postings in Atlanta increased 54%
  - This is higher than the 21% percentage growth in the nation on the whole
  - The 54% trails only Chicago (58%) for the highest growth rate amongst the top five MSAs in this type of posting from 2010 to 2013

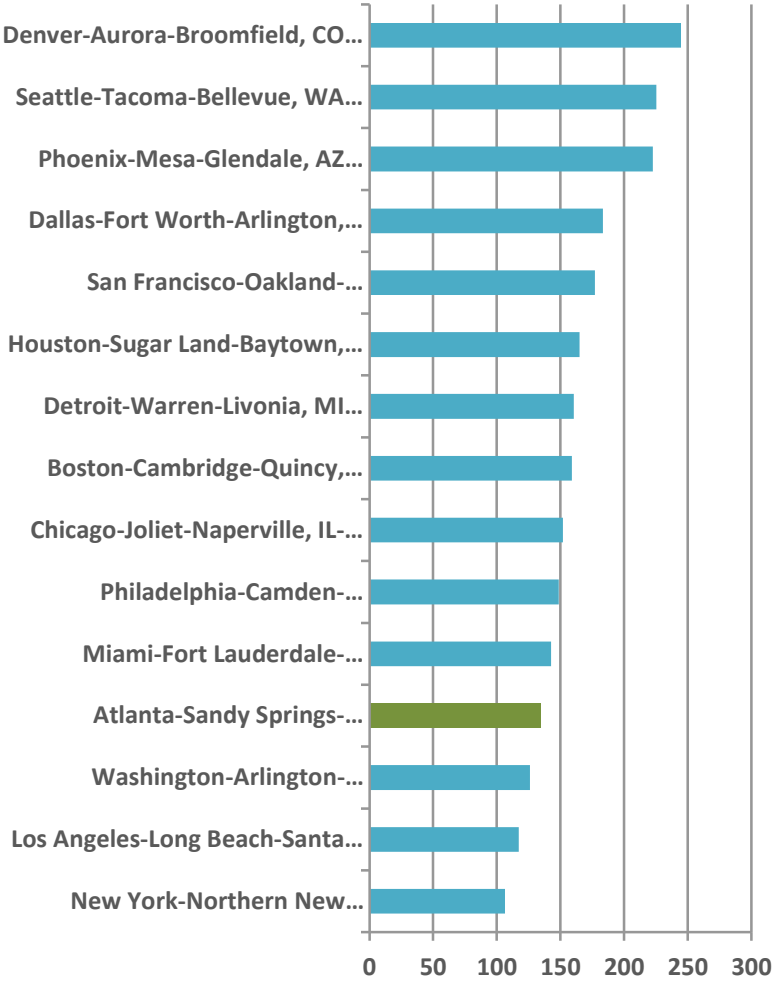
HEALTHCARE BA+

TOP LOCATION BY AD VOLUME



Total Postings: Last 12 months

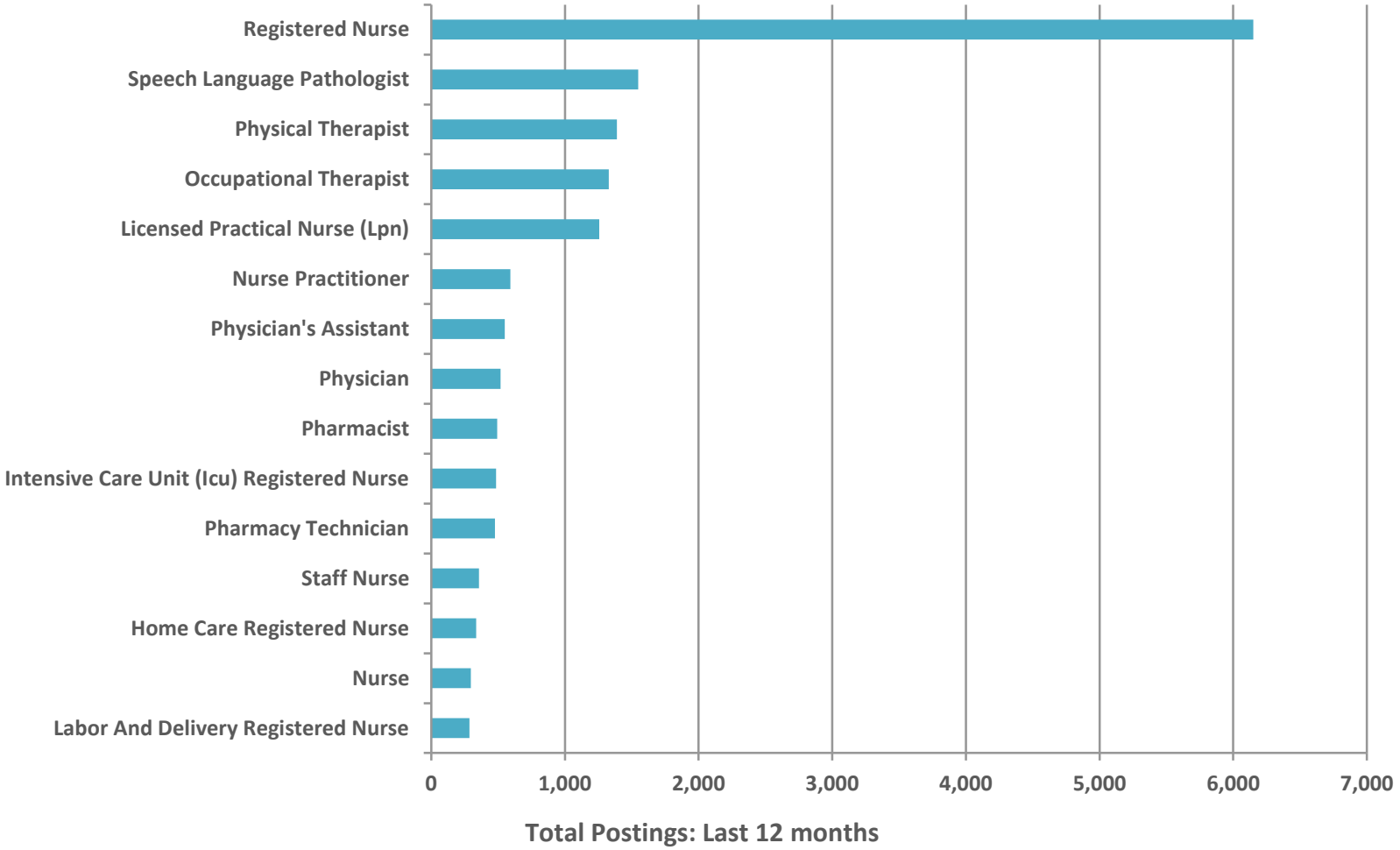
POSTINGS PER CAPITA



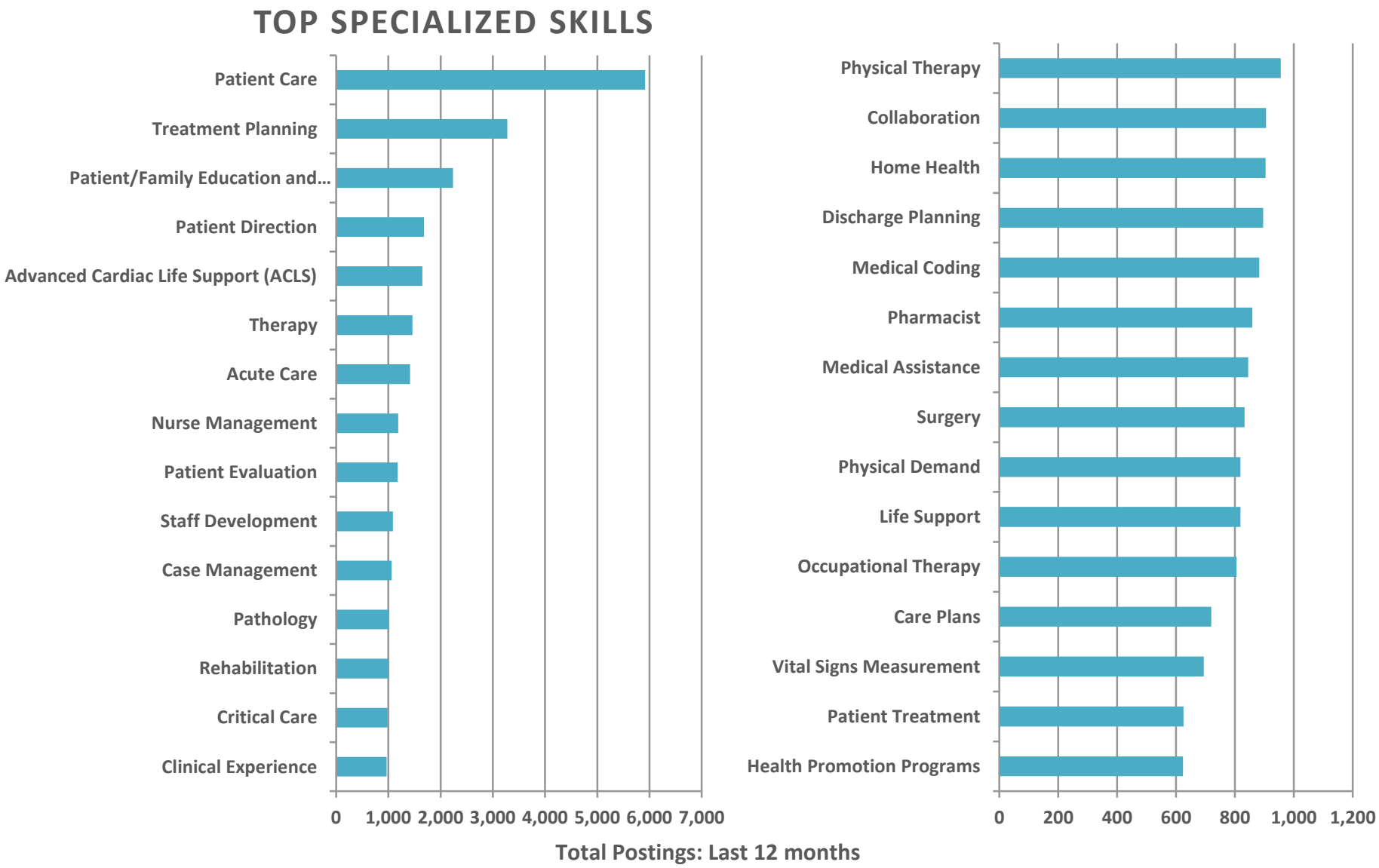
Postings Per 10,000 Working-Age Residents: Last 12 months

HEALTHCARE BA+

Top Titles

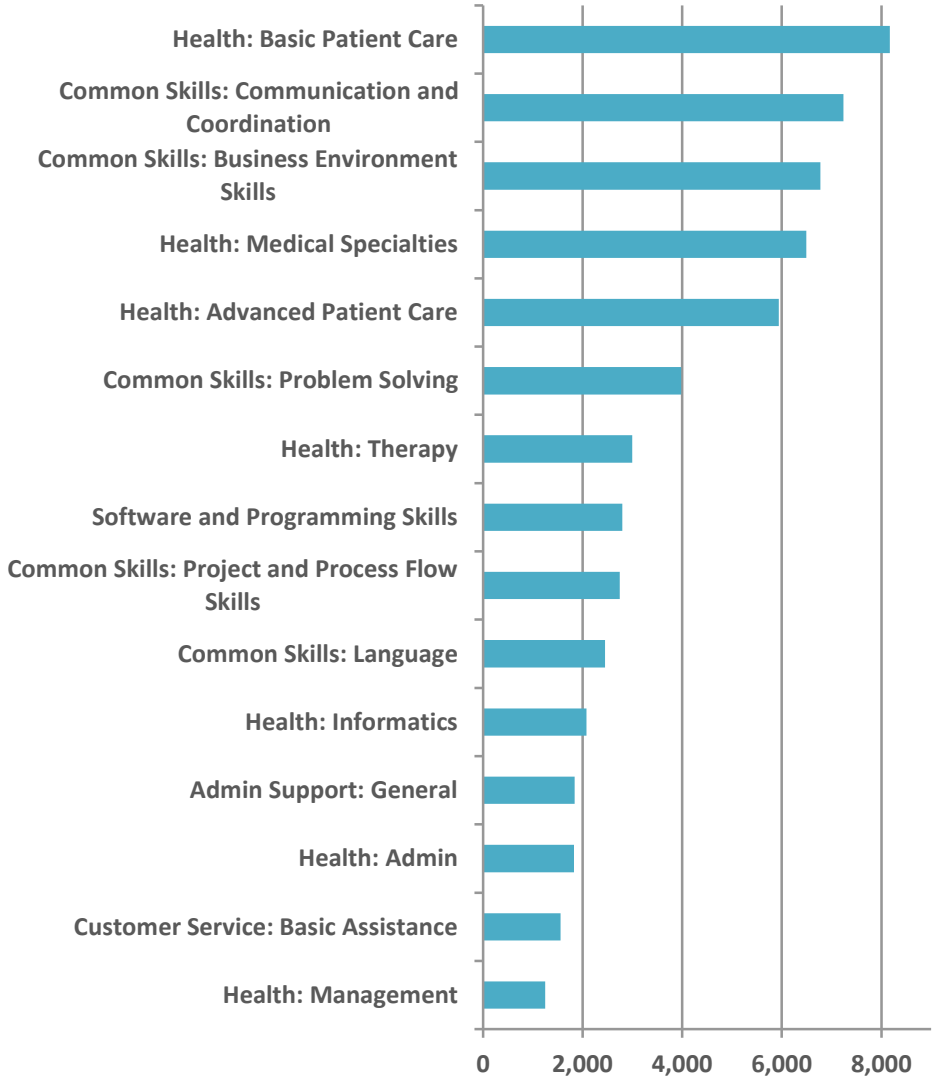


HEALTHCARE BA+



HEALTHCARE BA+

TOP SKILL CLUSTERS



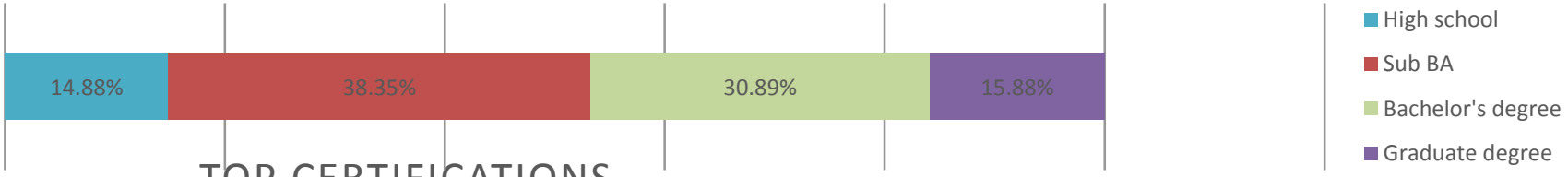
Total Postings: Last 12 months

TOP BASELINE SKILLS

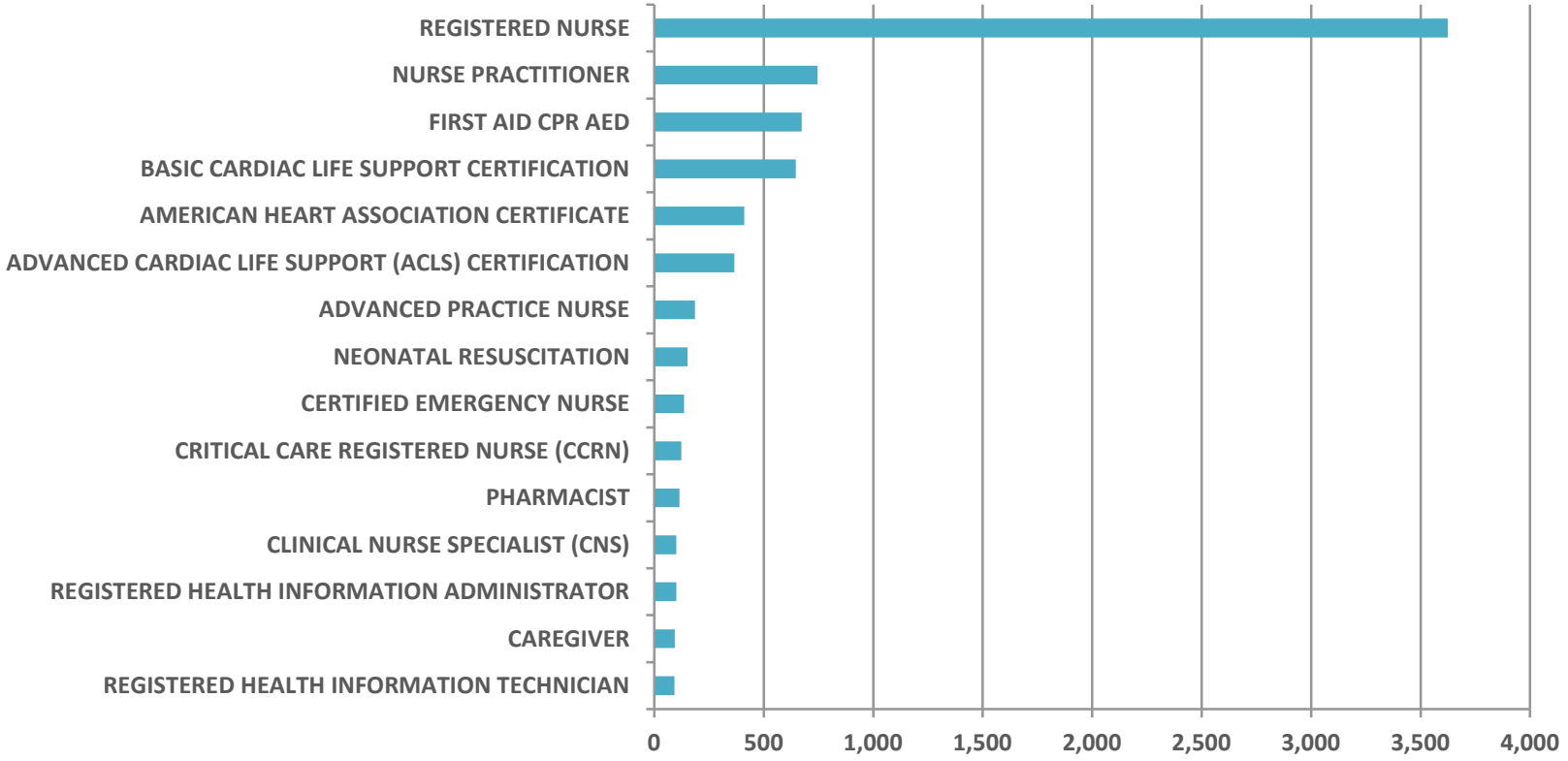
Total Postings: Last 12 months

HEALTHCARE BA+

MINIMUM EDUCATION REQUIREMENTS



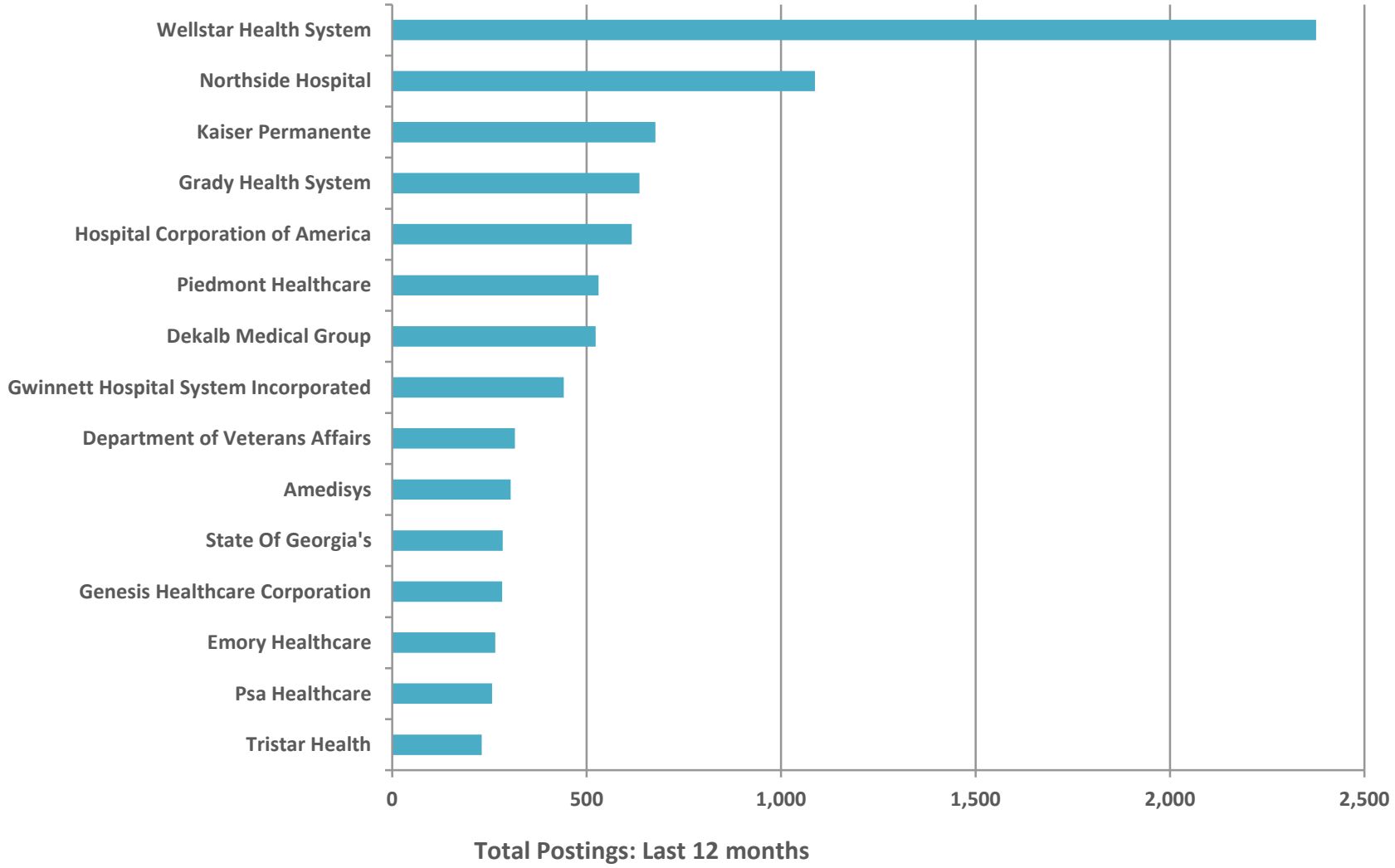
TOP CERTIFICATIONS



Total Postings: Last 12 months

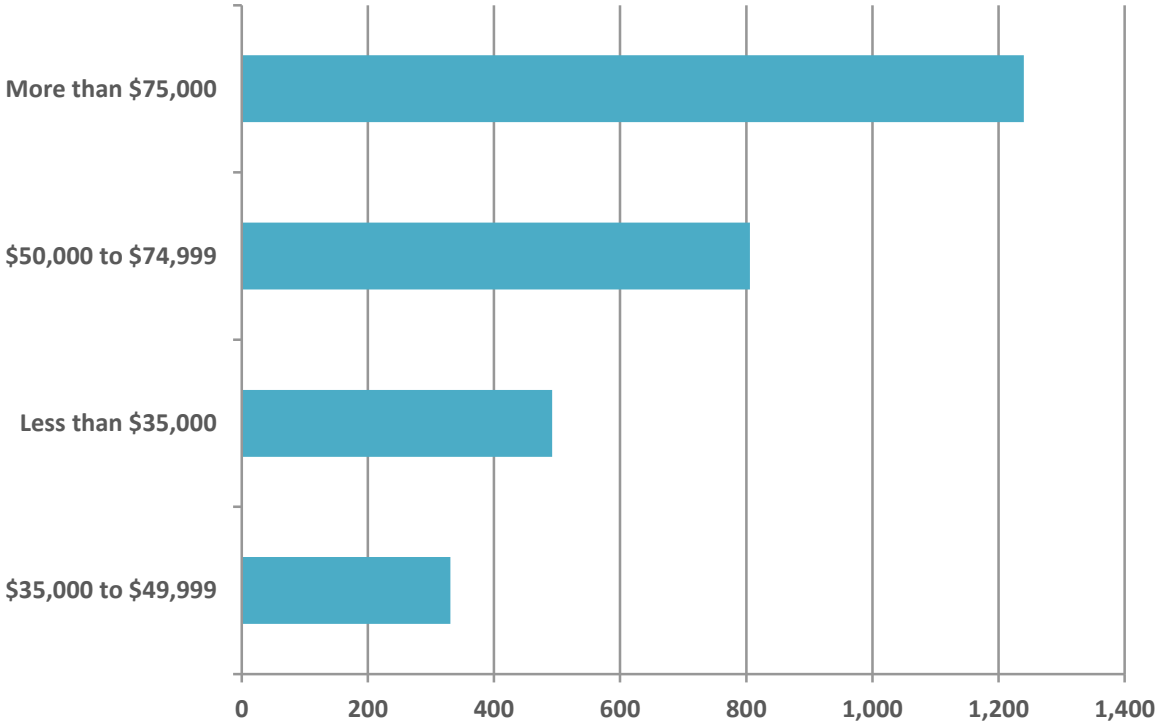
HEALTHCARE BA+

Top Employers



HEALTHCARE BA+

Salaries



Total Postings: Last 12 months (December 2013-December 2014)

HEALTHCARE BA-

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

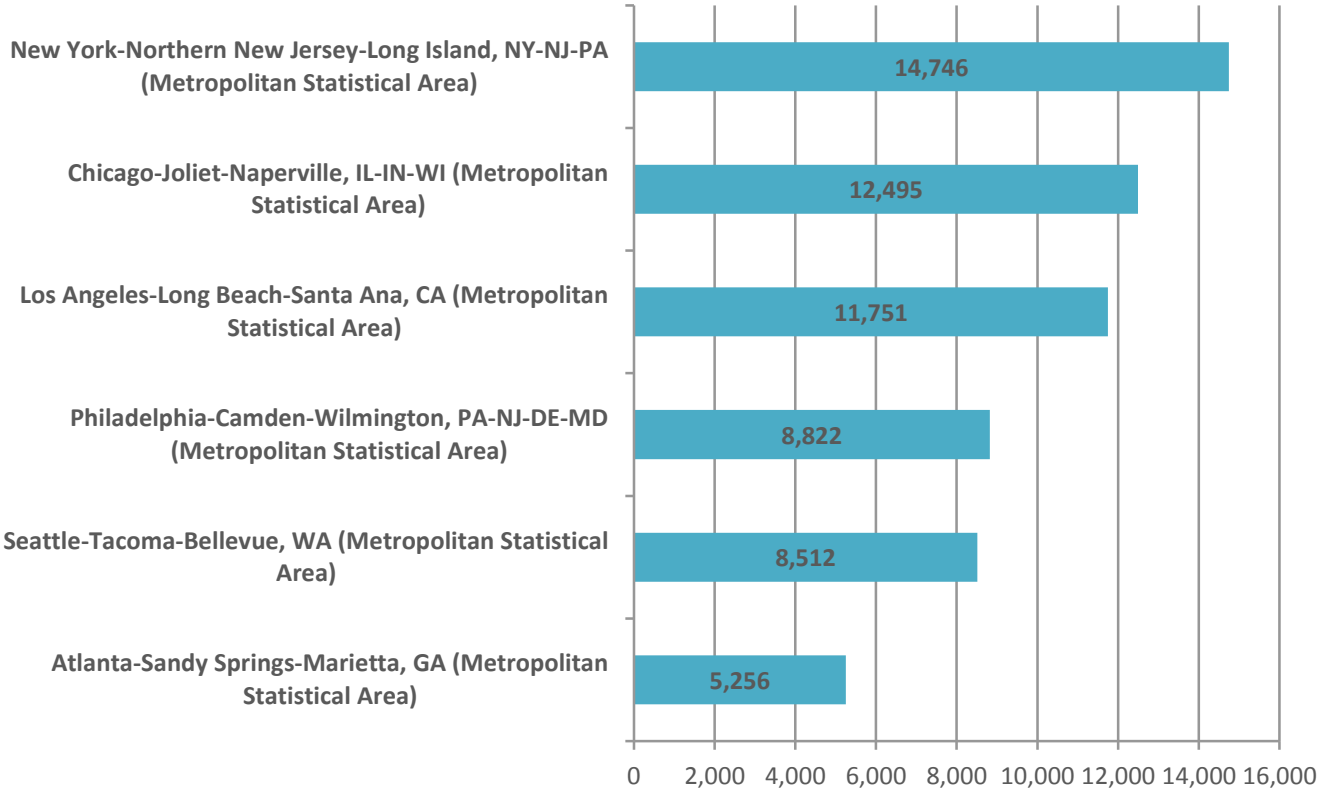
a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

HEALTHCARE BA-

This targeted industry is defined as the postings in the *O-Net occupation category of “health care support”. As noted in slides that follow, these healthcare occupations, overwhelmingly, do not require a bachelors degree as an educational requirement.

HEALTHCARE BA-

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 15th in the nation.

Total Postings: 2013

HEALTHCARE BA-

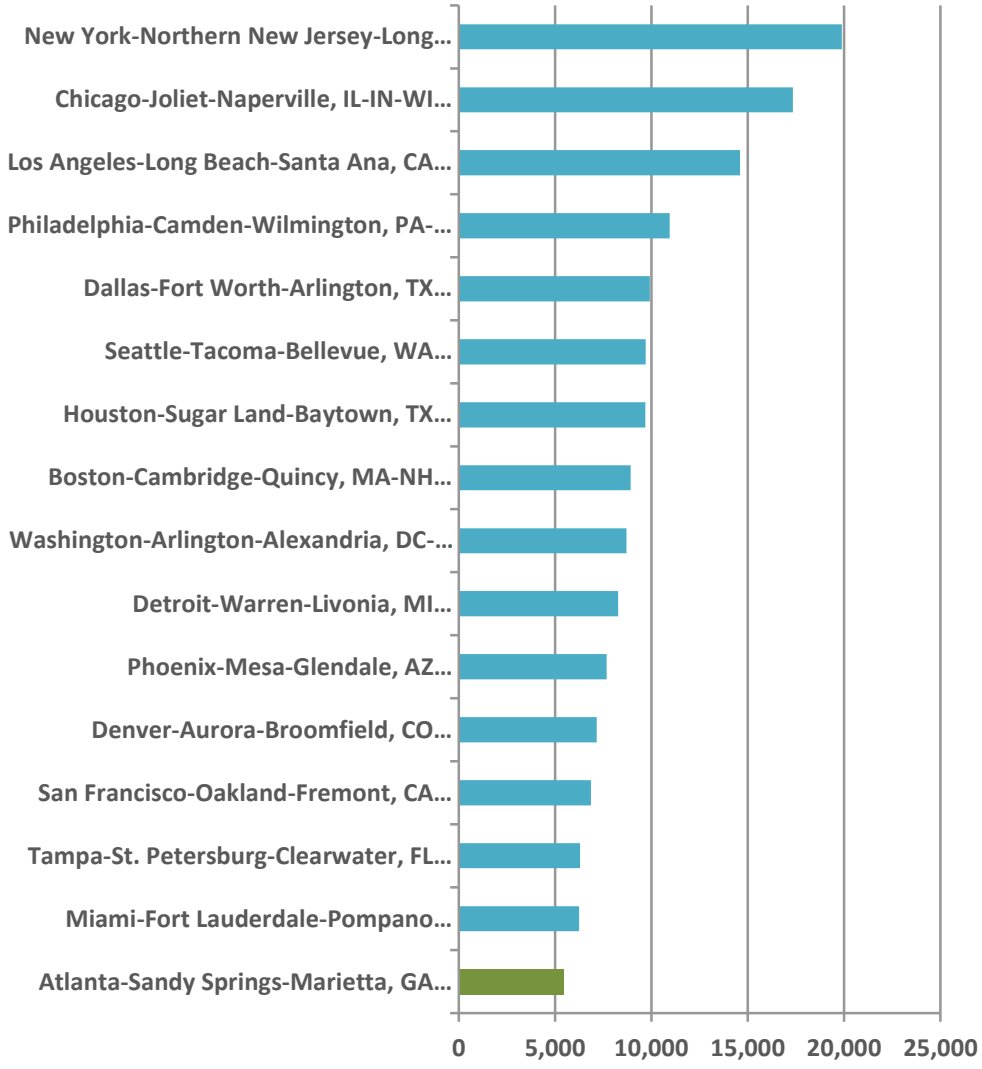
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 15th among MSAs in healthcare jobs NOT requiring a bachelor's degree or less, up from 25th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 2,015 in 2007 to 5,256 in 2013
  - This 161% increase compares to 65% growth in the nation on the whole
  - Atlanta's national share of supply chain logistics jobs increased from 0.8% in 2007 to 1.3% in 2013
  - This 161% increase is higher than all other of the top five MSAs in this type of posting
- From 2010 to 2013, healthcare BA- postings in Atlanta increased 29%
  - While higher than the 27% percentage growth in the nation on the whole, this rate is behind Chicago, Seattle, and LA in growth rates amongst the top five MSAs in this type of posting from 2010 to 2013

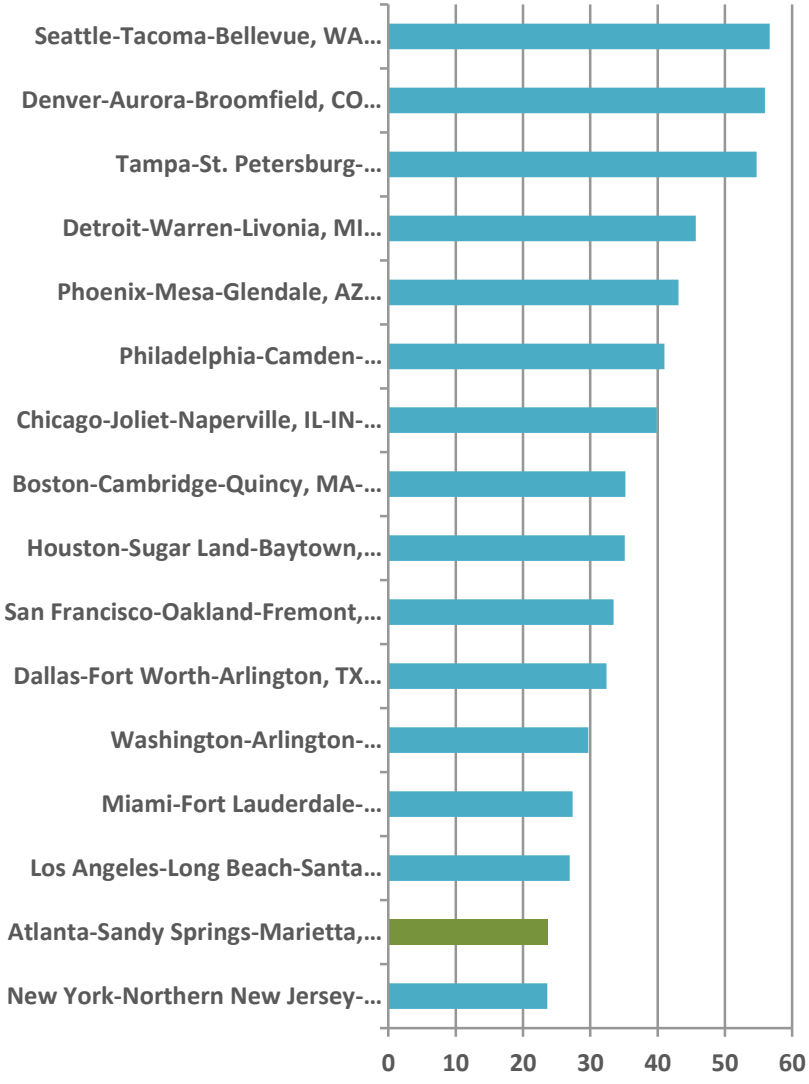
HEALTHCARE BA-

TOP LOCATION BY AD VOLUME



Total Postings: Last 12 months

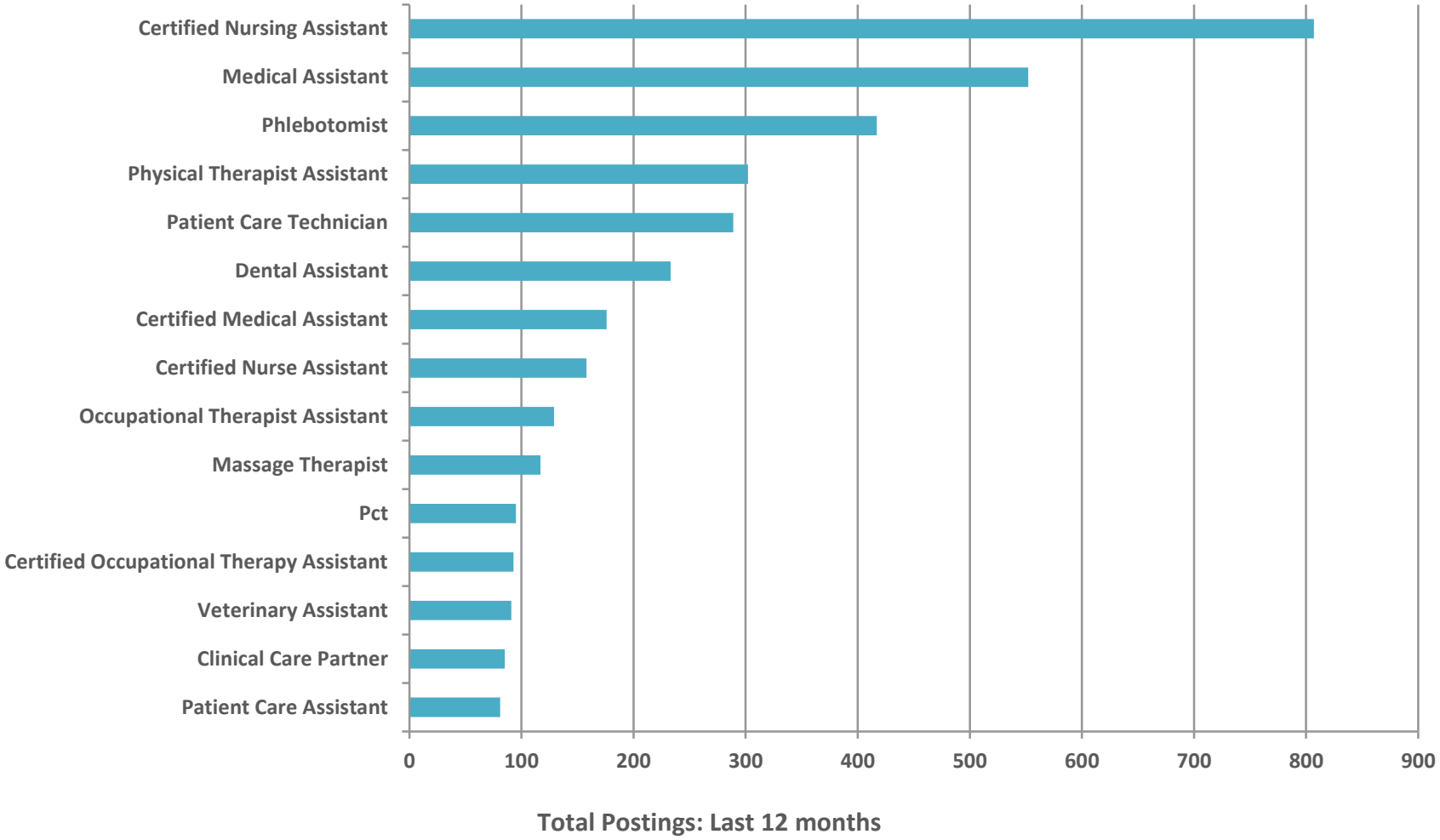
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

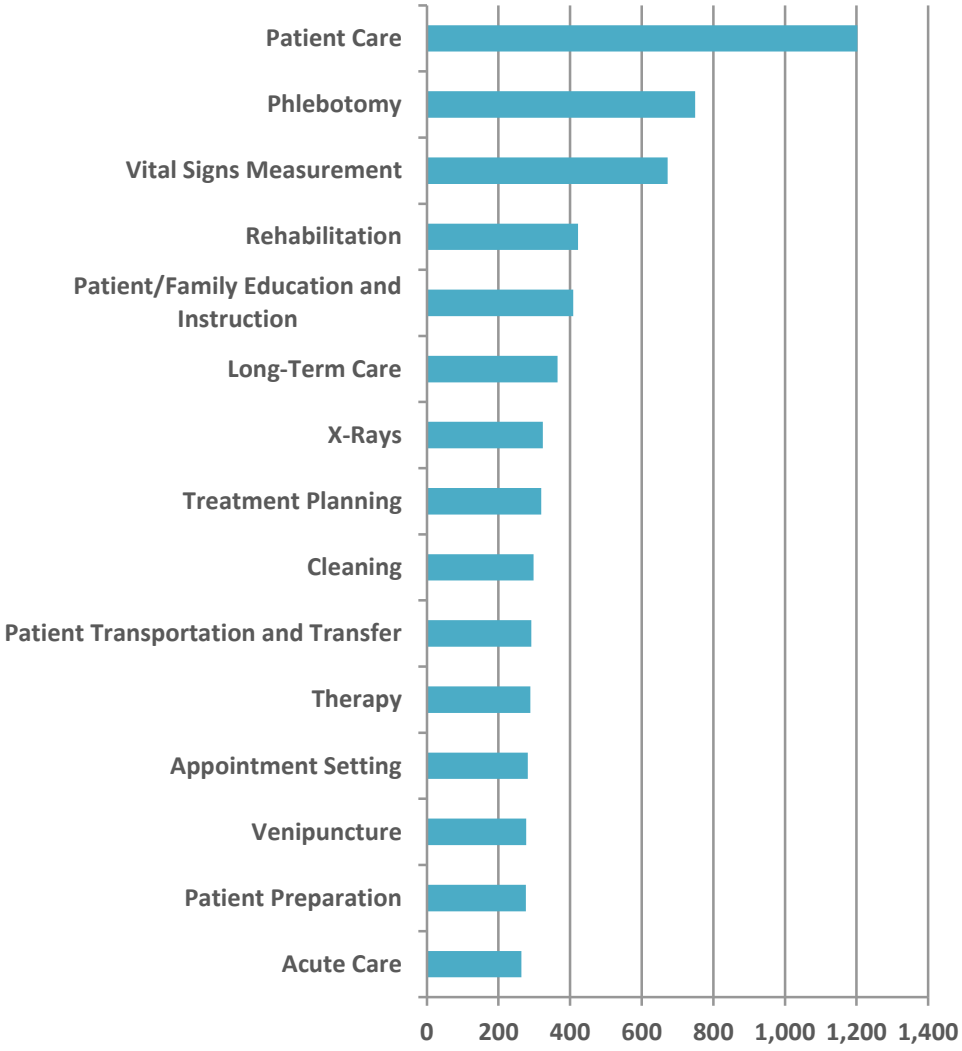
HEALTHCARE BA-

Top Titles

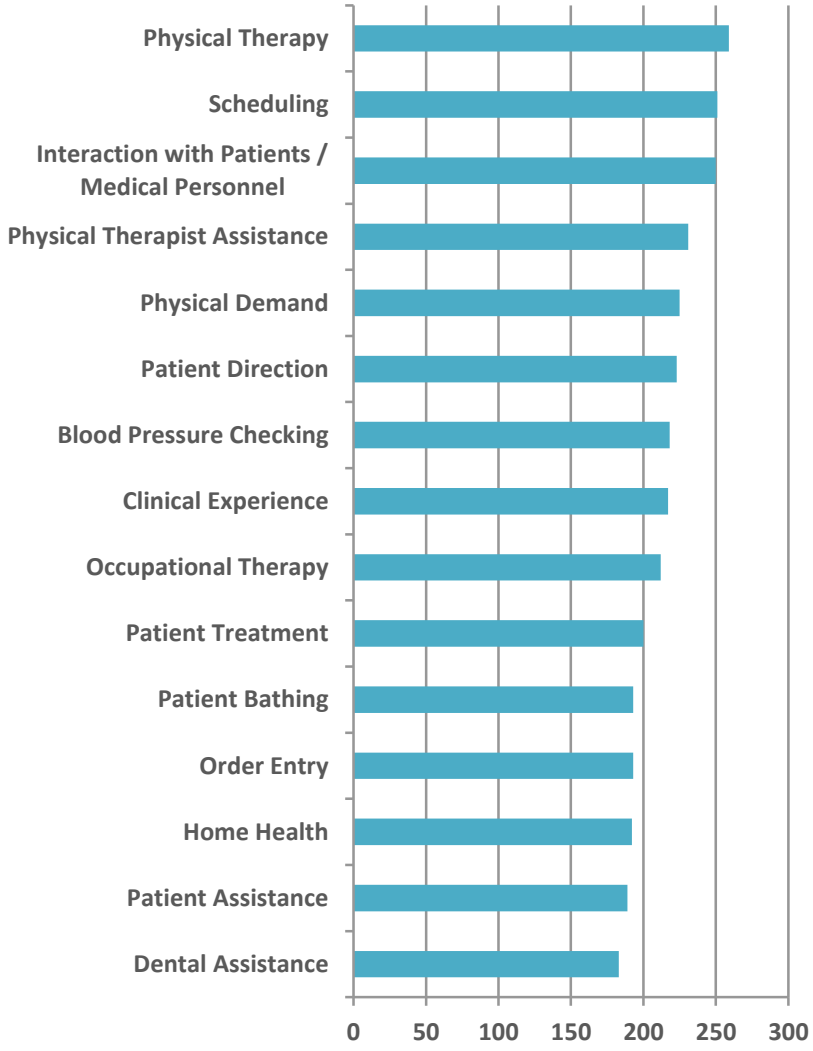


HEALTHCARE BA-

TOP SPECIALIZED SKILLS



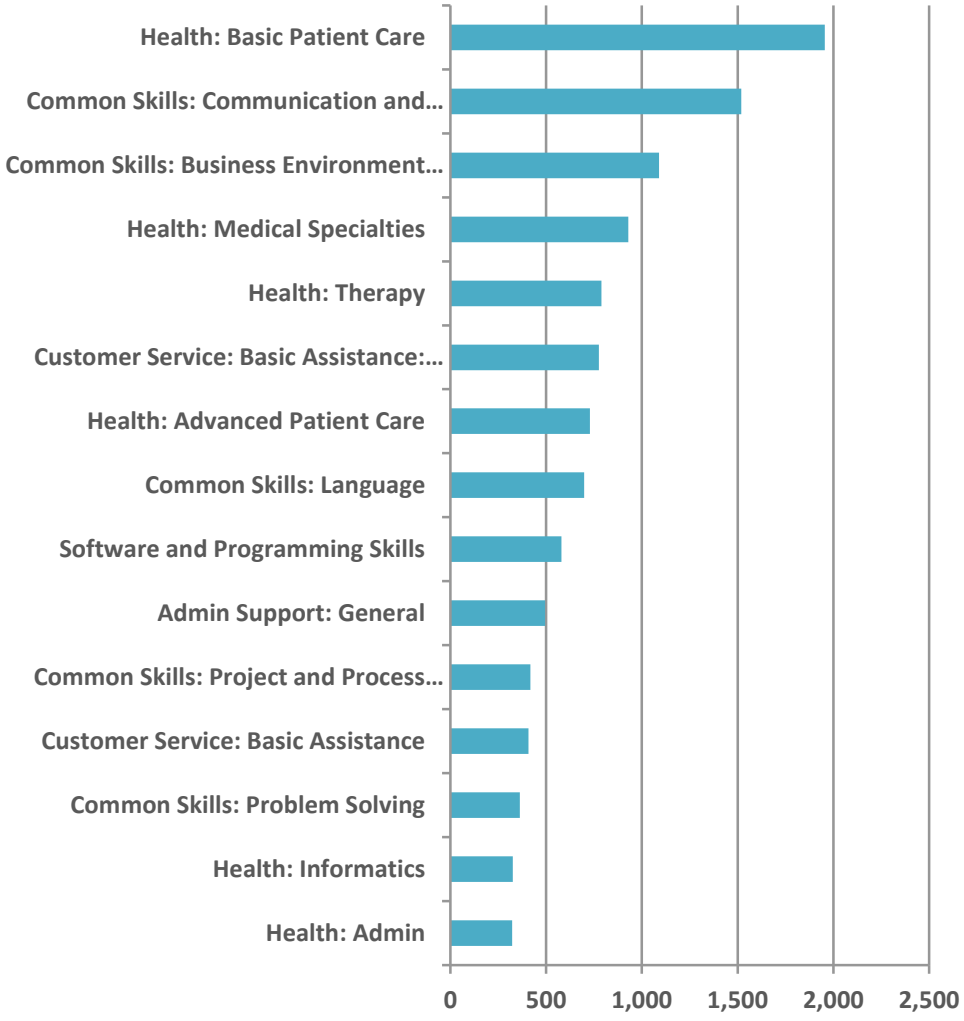
Total Postings: Last 12 months



Total Postings: Last 12 months

HEALTHCARE BA-

TOP SKILL CLUSTERS

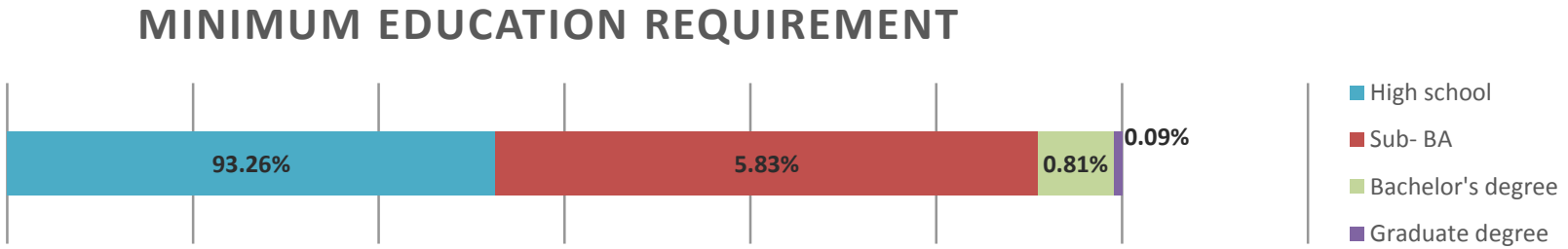


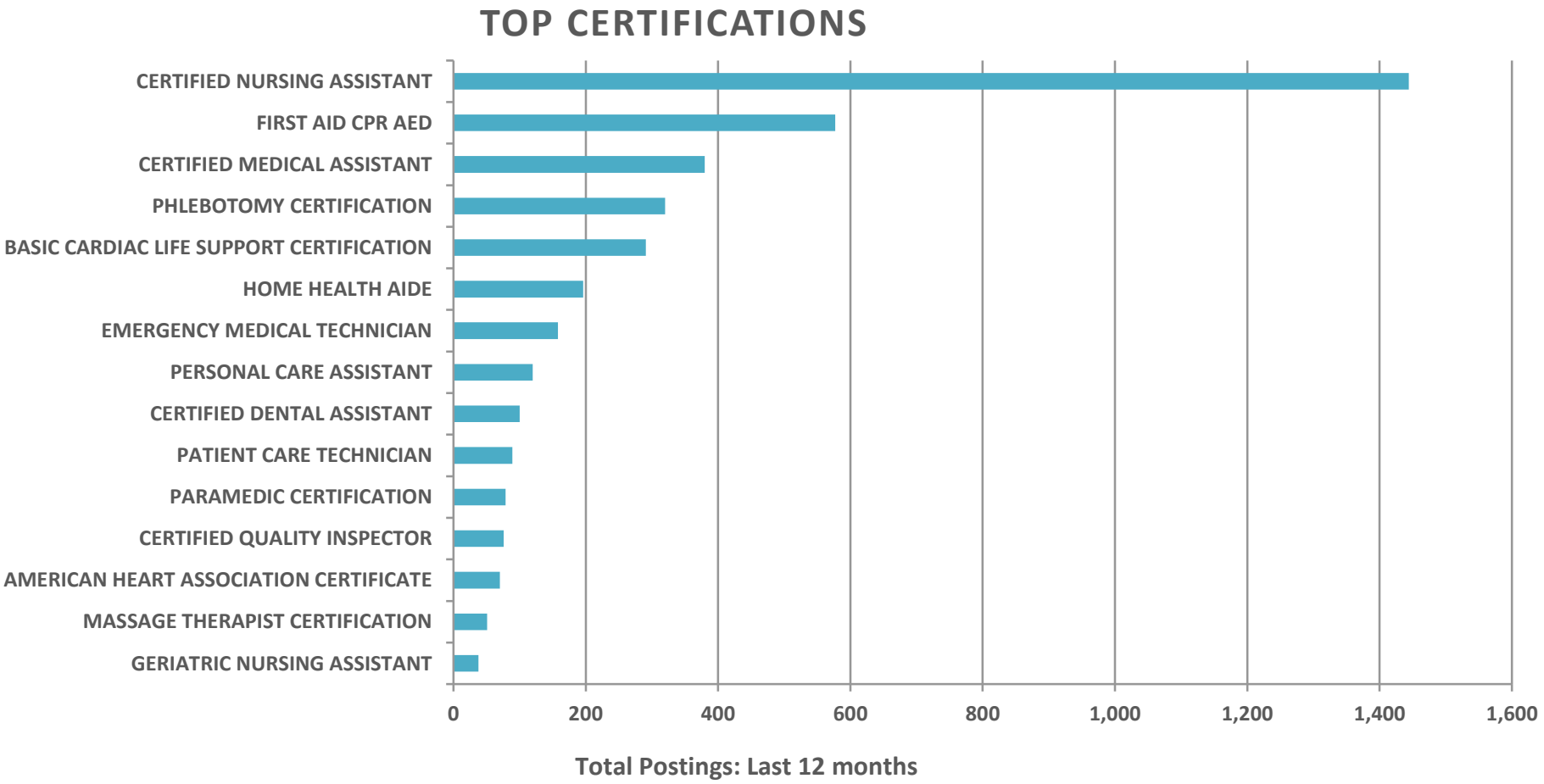
Total Postings: Last 12 months

TOP BASELINE SKILLS

Total Postings: Last 12 months

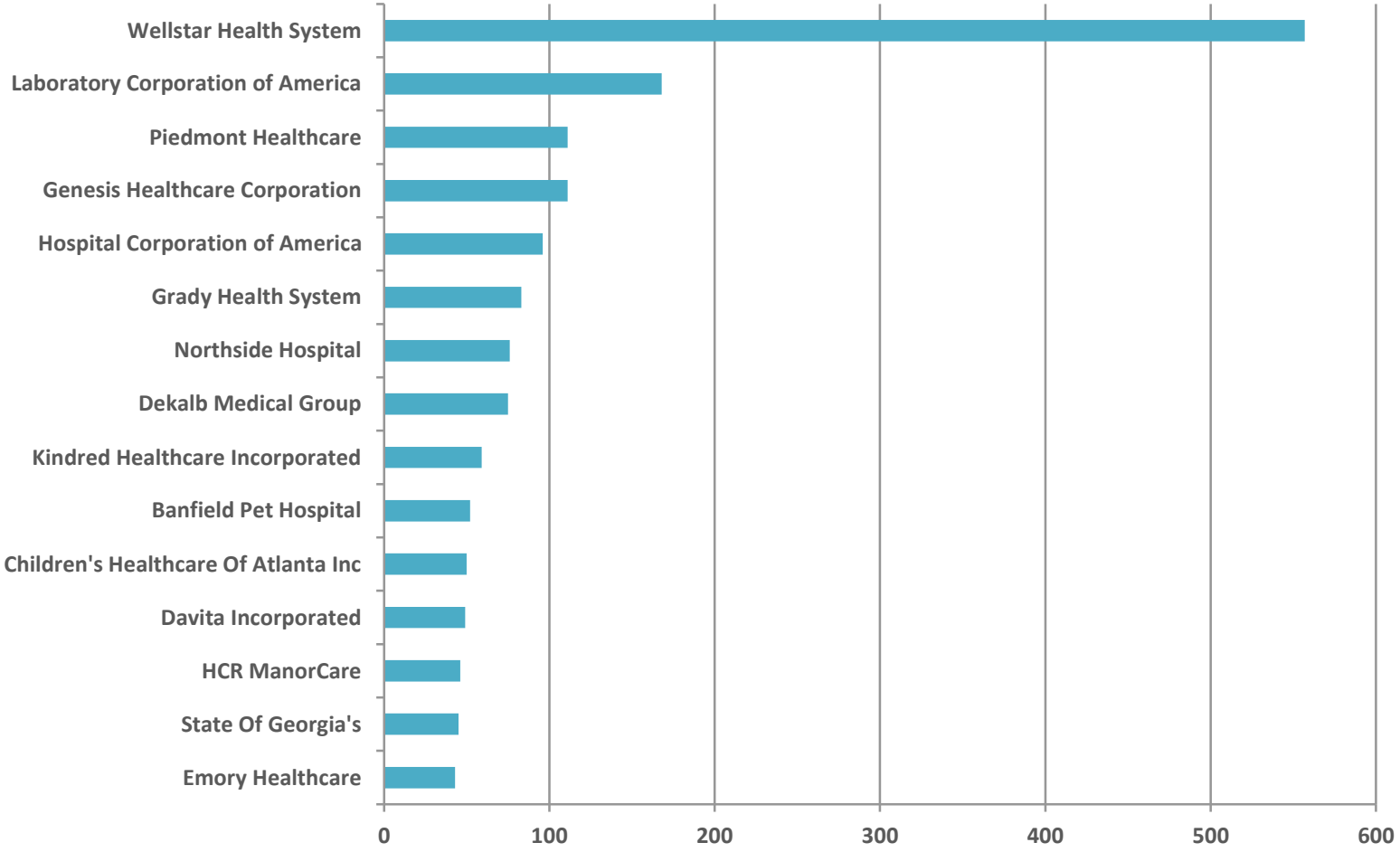
HEALTHCARE BA-





HEALTHCARE BA-

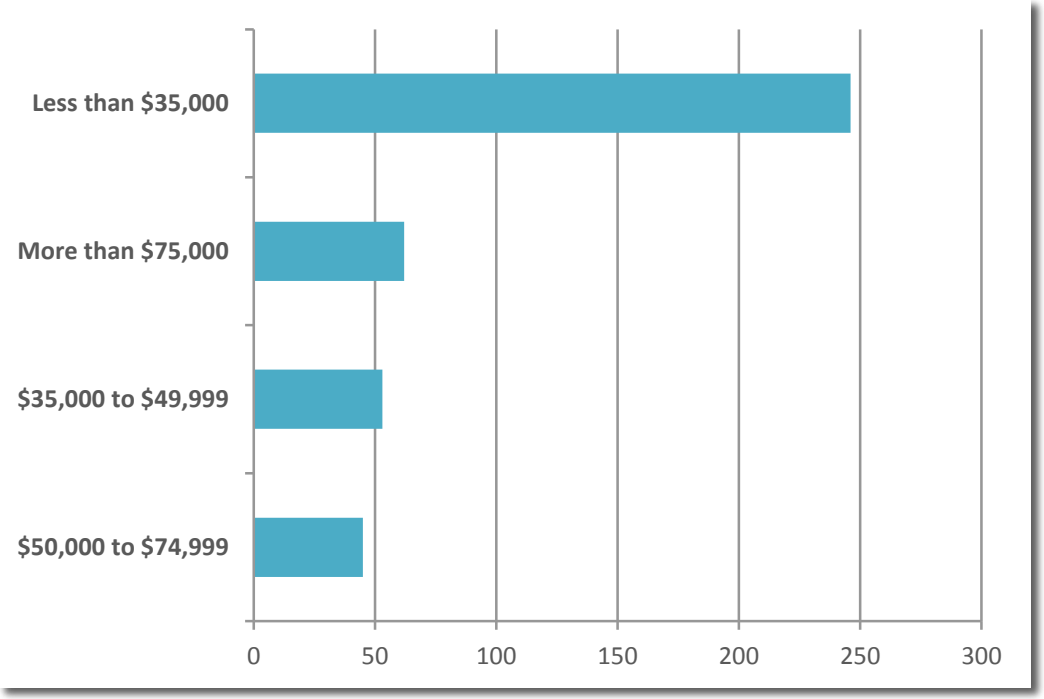
Top Employers



Total Postings: Last 12 months

HEALTHCARE BA-

Salaries



Total Postings: Last 12 months (November 2013-November 2014)

MANUFACTURING: OVERALL

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

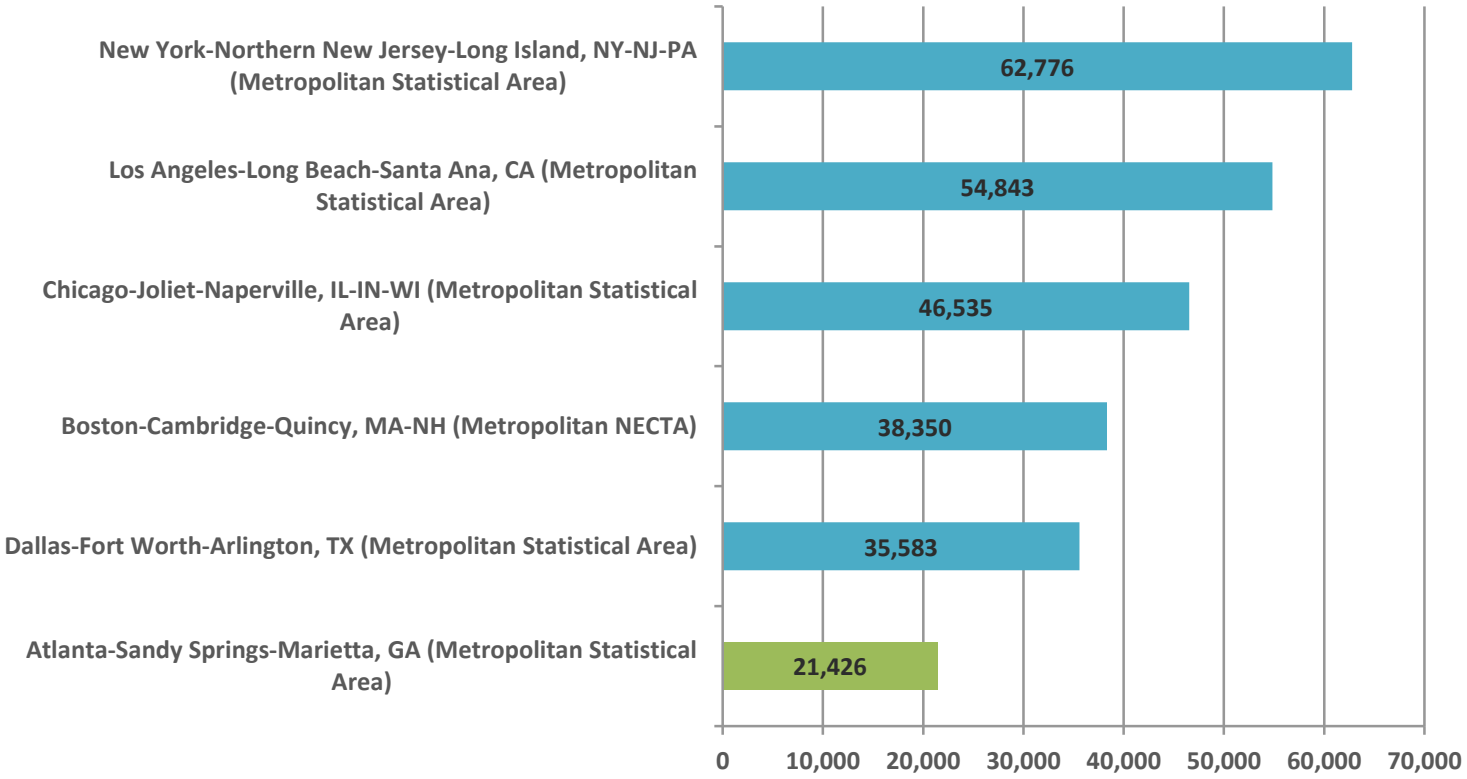
a. **Manufacturing Overall**
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

MANUFACTURING: OVERALL

Manufacturing: Overall is defined as all postings for jobs in firms within the manufacturing industry whether or not the specific occupation and/or skill is related to manufacturing activity.

MANUFACTURING: OVERALL

Top 5 MSA Job Postings + Atlanta



Atlanta ranks 14th in the nation.

Total Postings: 2013

MANUFACTURING: OVERALL

Atlanta Compared to the Nation and Top 5 MSAs

In 2013 and 2007, Atlanta ranked 14th among MSAs in manufacturing jobs.

From 2007 to 2013, postings in the Atlanta MSA market increased from 14,586 in 2007 to 21, 426 in 2013

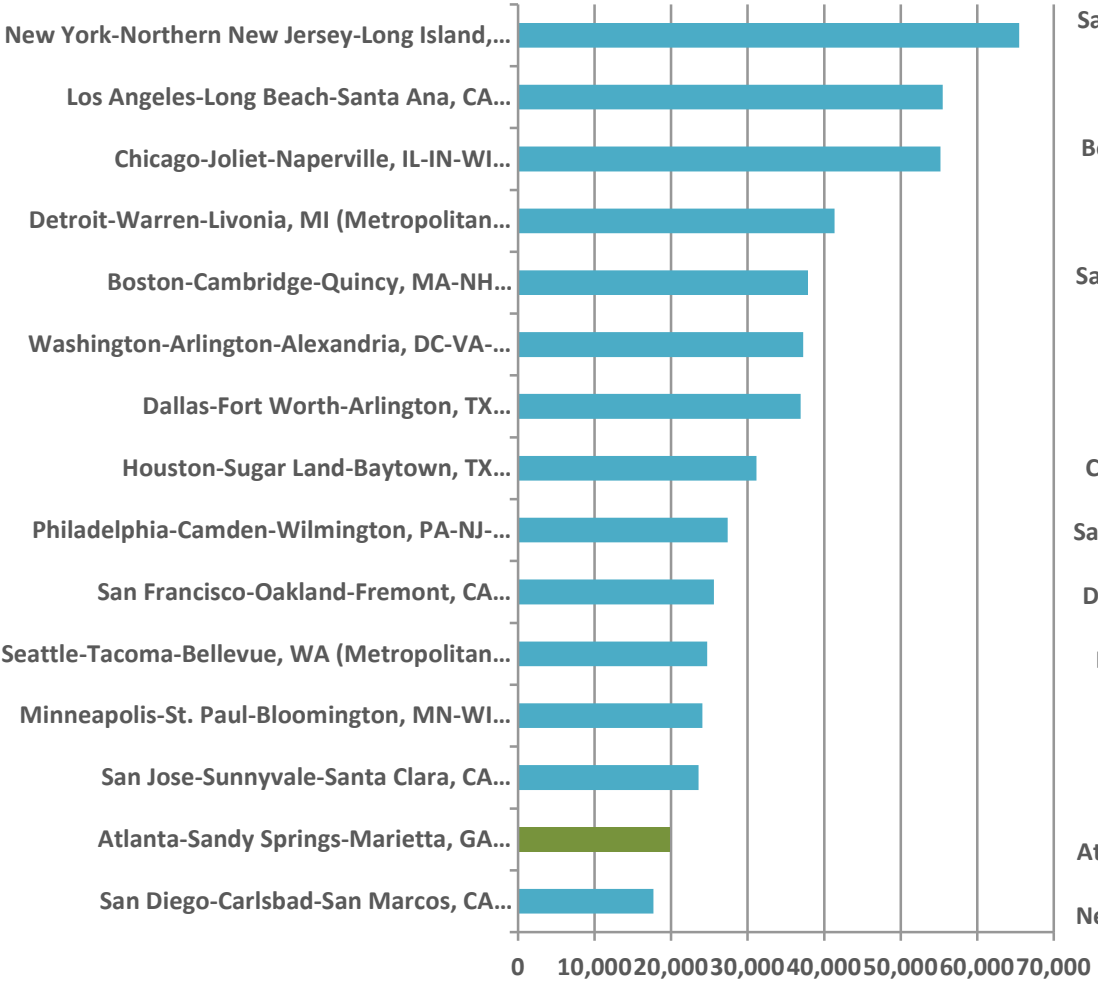
- This does include a decline of about 4,000 postings between 2011 and 2013…all the increase was in the data between 2010 and 2011
- This 47% increase compares to 19% growth in the nation on the whole
- Atlanta's national share of manufacturing jobs increased slightly from 1.4% in 2007 to 1.7% in 2013
- This 47% increase is higher than four of the top five MSAs in this type of posting for the period, trailing Dallas-Fort Worth's 48%

From 2010 to 2013, manufacturing postings in Atlanta increased 42%

- This is higher than the 30% percentage growth in the nation on the whole '10-'13 (again, a strong increase 2010-2011 leveled off 2012-2013)
- This 42% rate again trails only Dallas (49%) in growth rates amongst the top five MSAs in this type of posting from 2010 to 2013

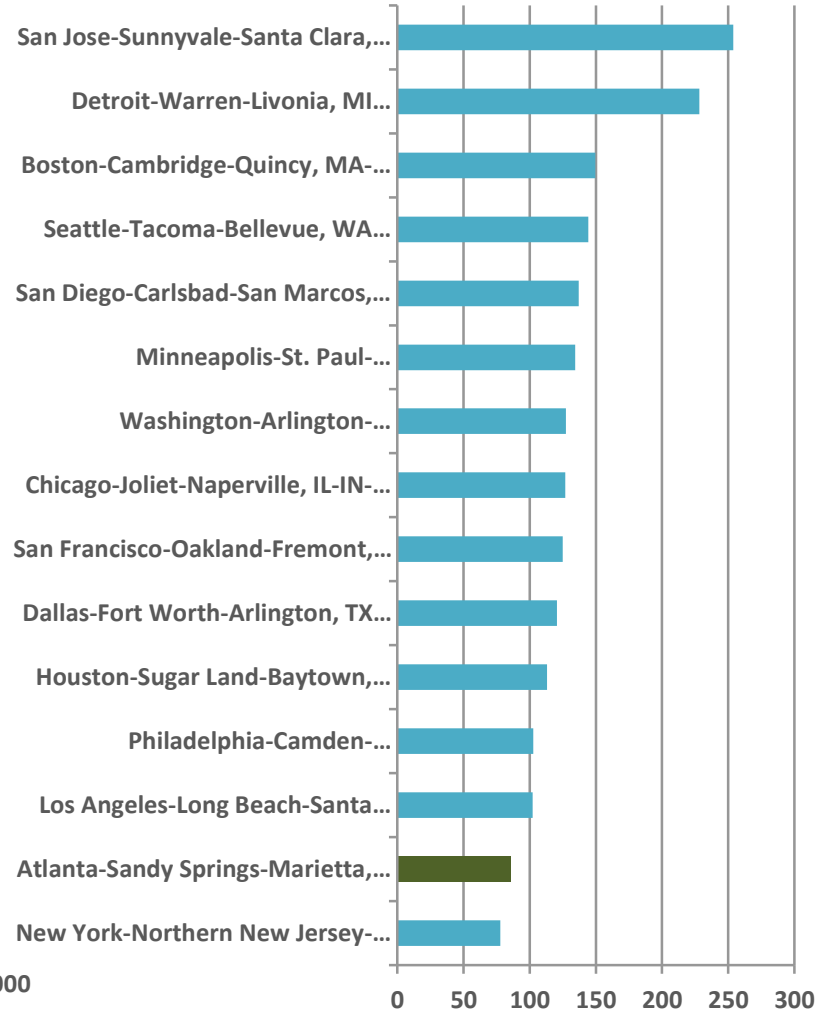
MANUFACTURING: OVERALL

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

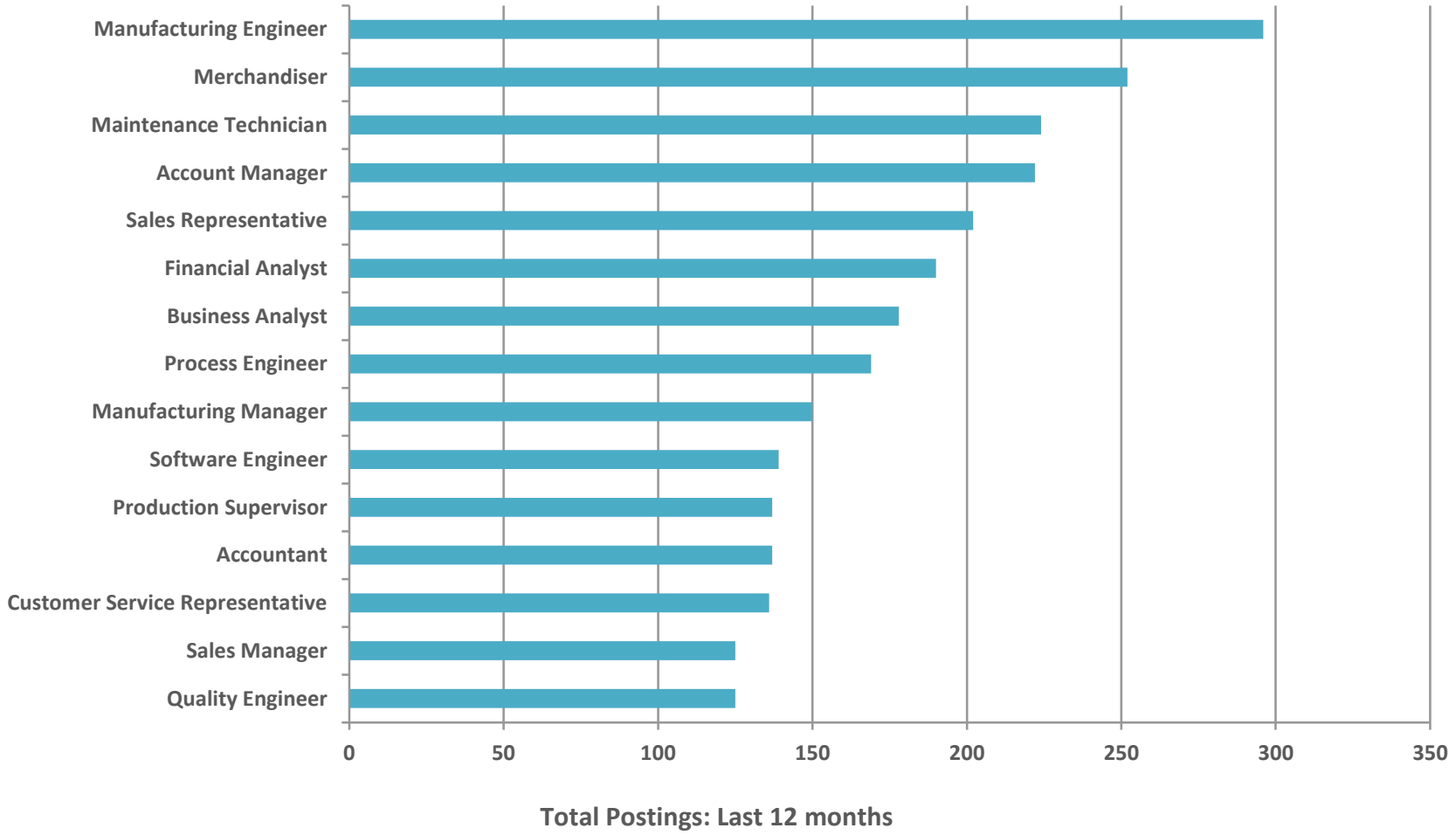
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

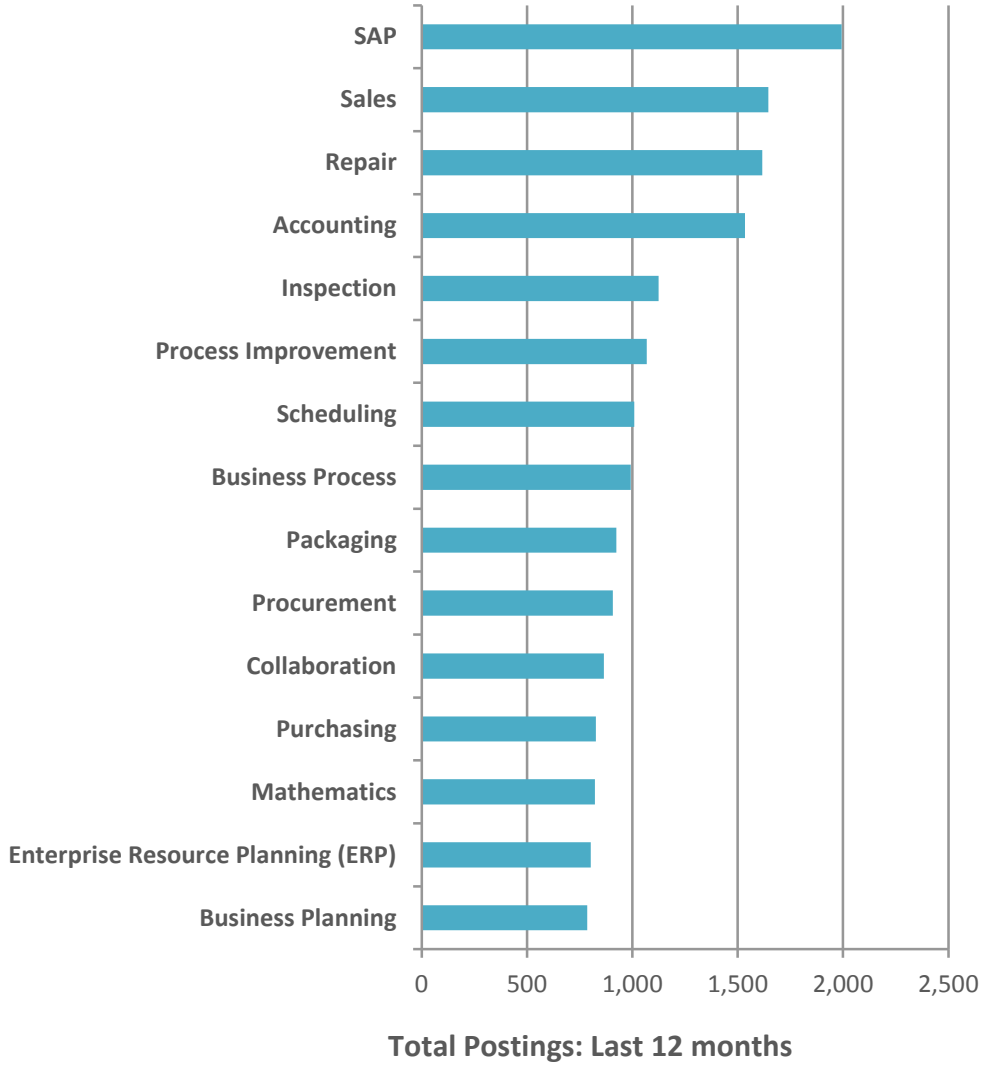
MANUFACTURING: OVERALL

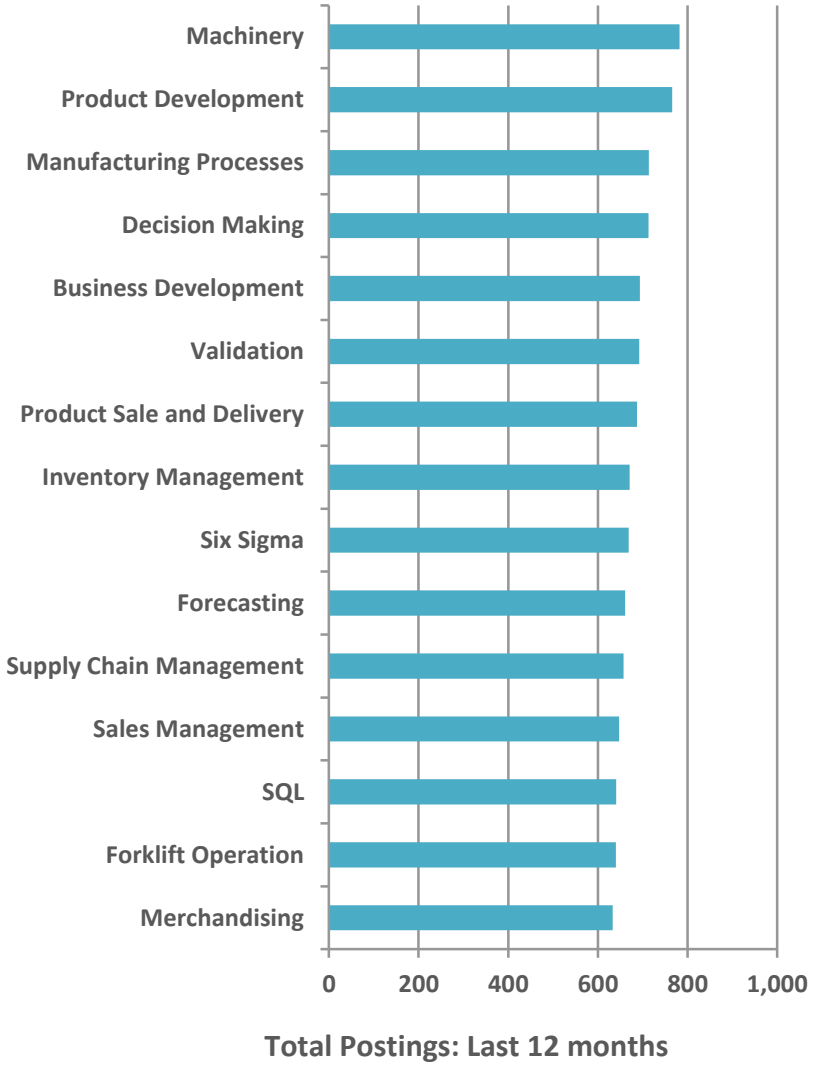
Top Titles



MANUFACTURING: OVERALL

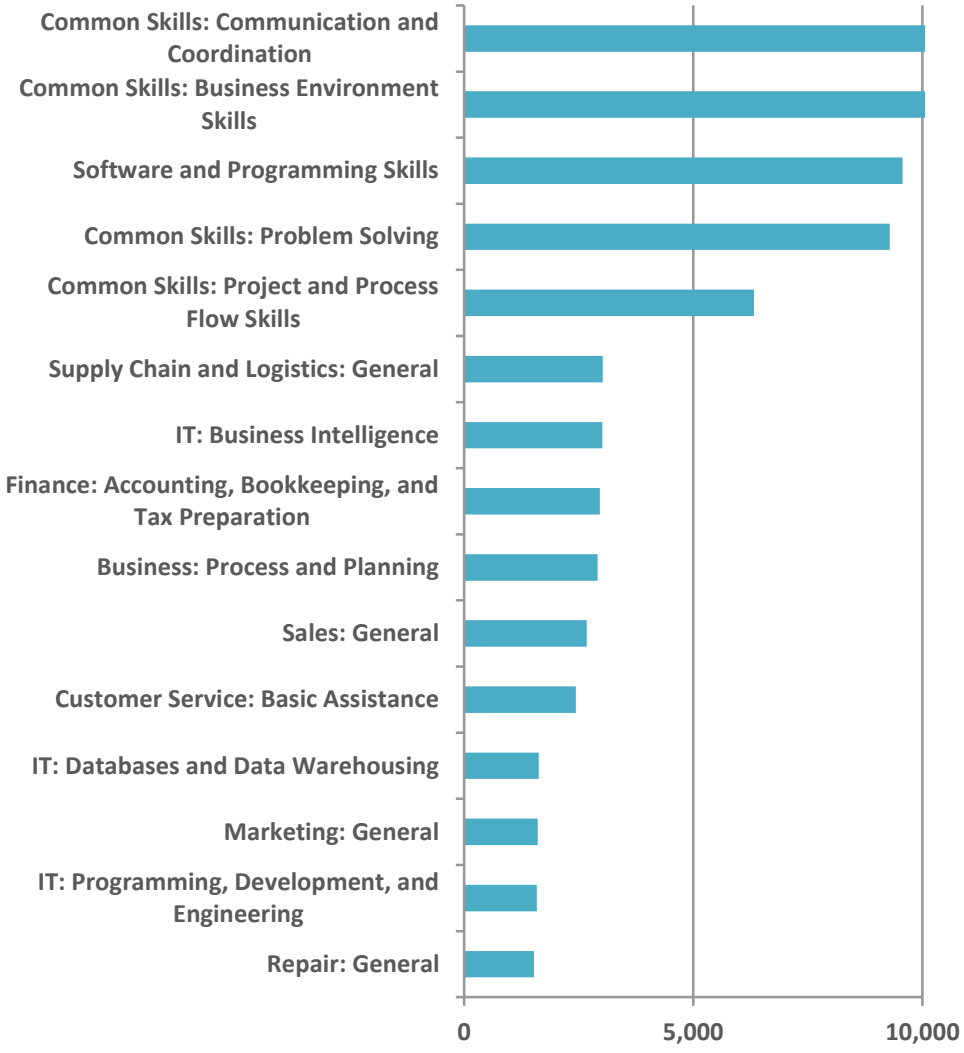
TOP SPECIALIZED SKILLS



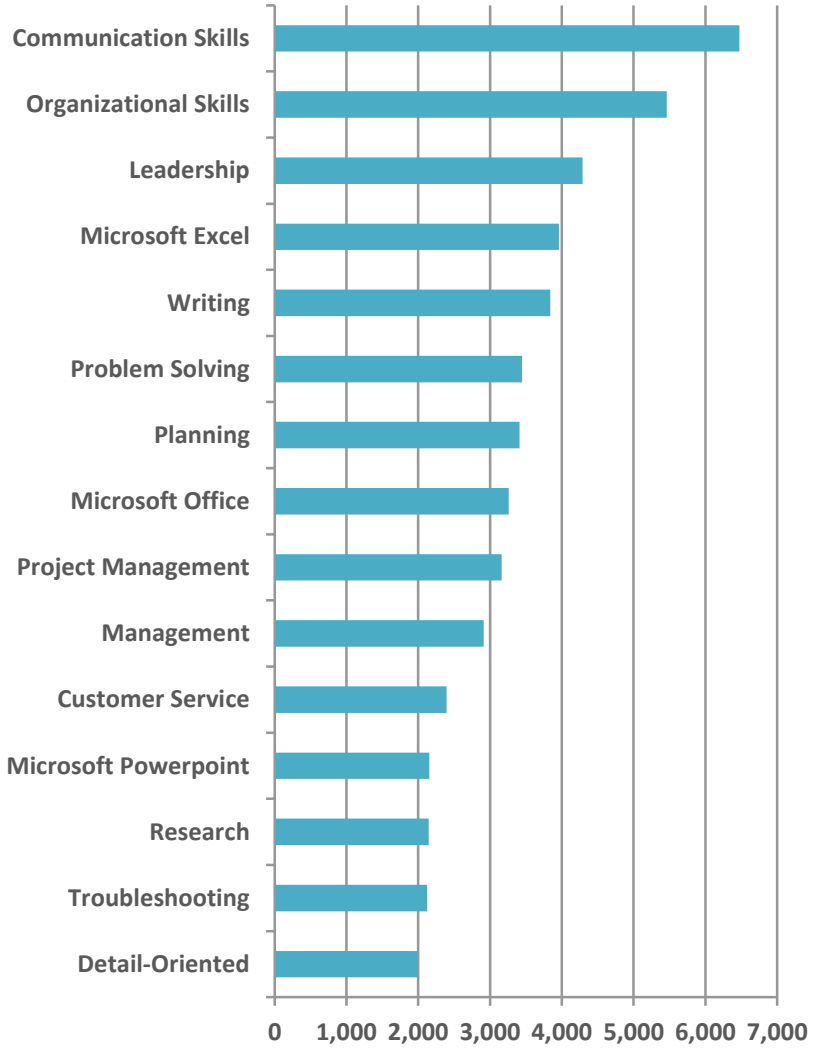


MANUFACTURING: OVERALL

TOP SKILL CLUSTERS

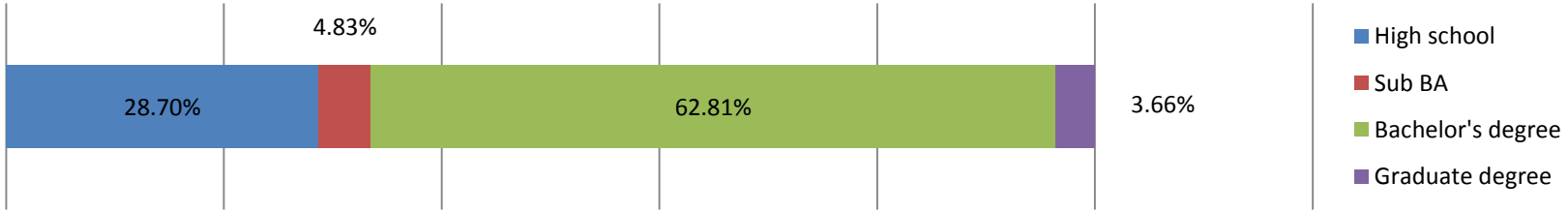


TOP BASELINE SKILLS

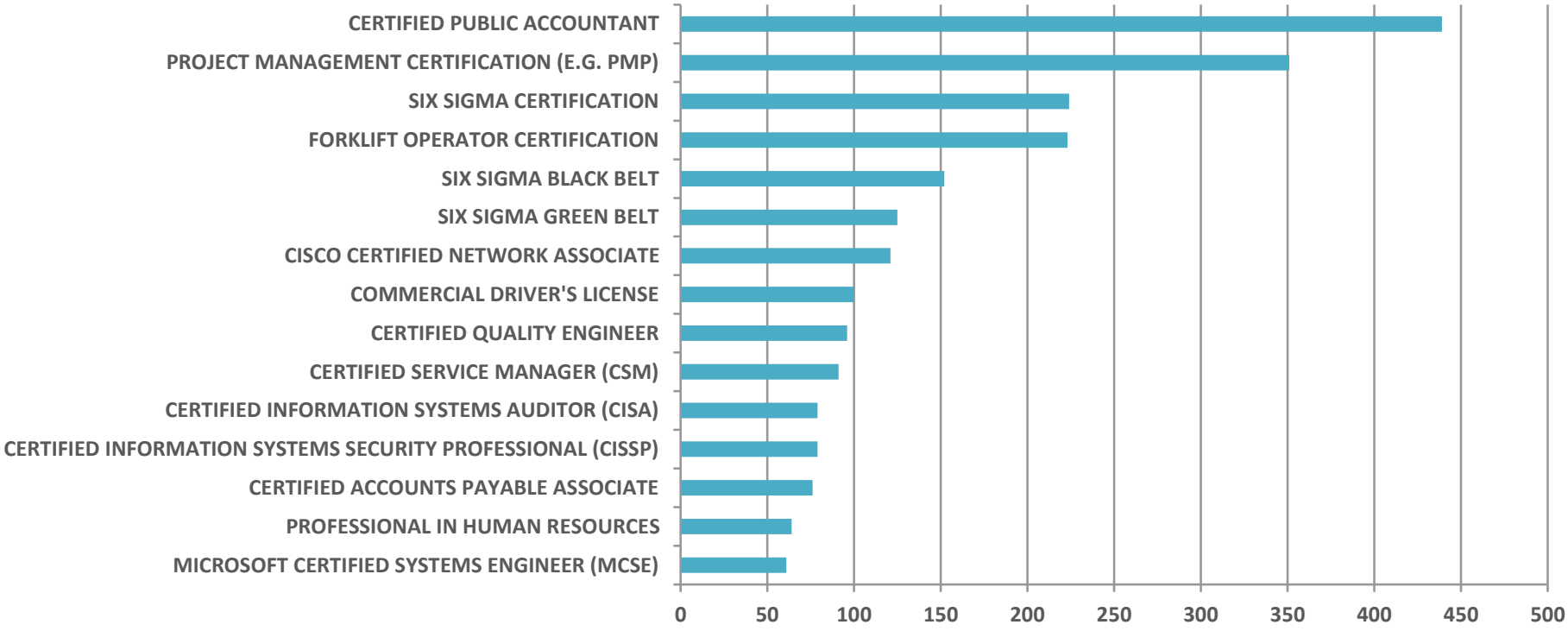


MANUFACTURING: OVERALL

MINIMUM EDUCATIONAL REQUIREMENT



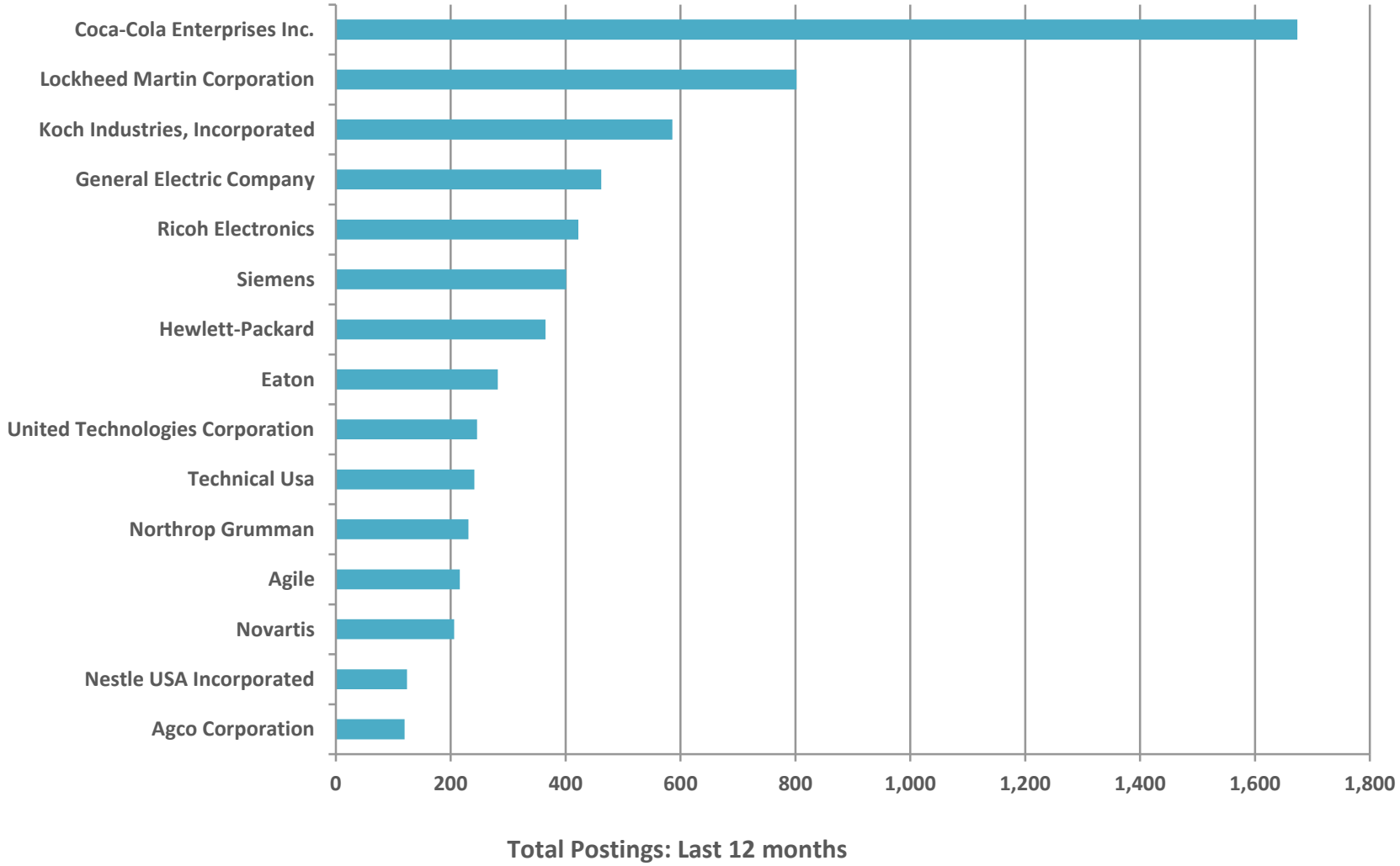
TOP CERTIFICATIONS



Total Postings: Last 12 months

MANUFACTURING: OVERALL

Top Employers



MANUFACTURING: BA+

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

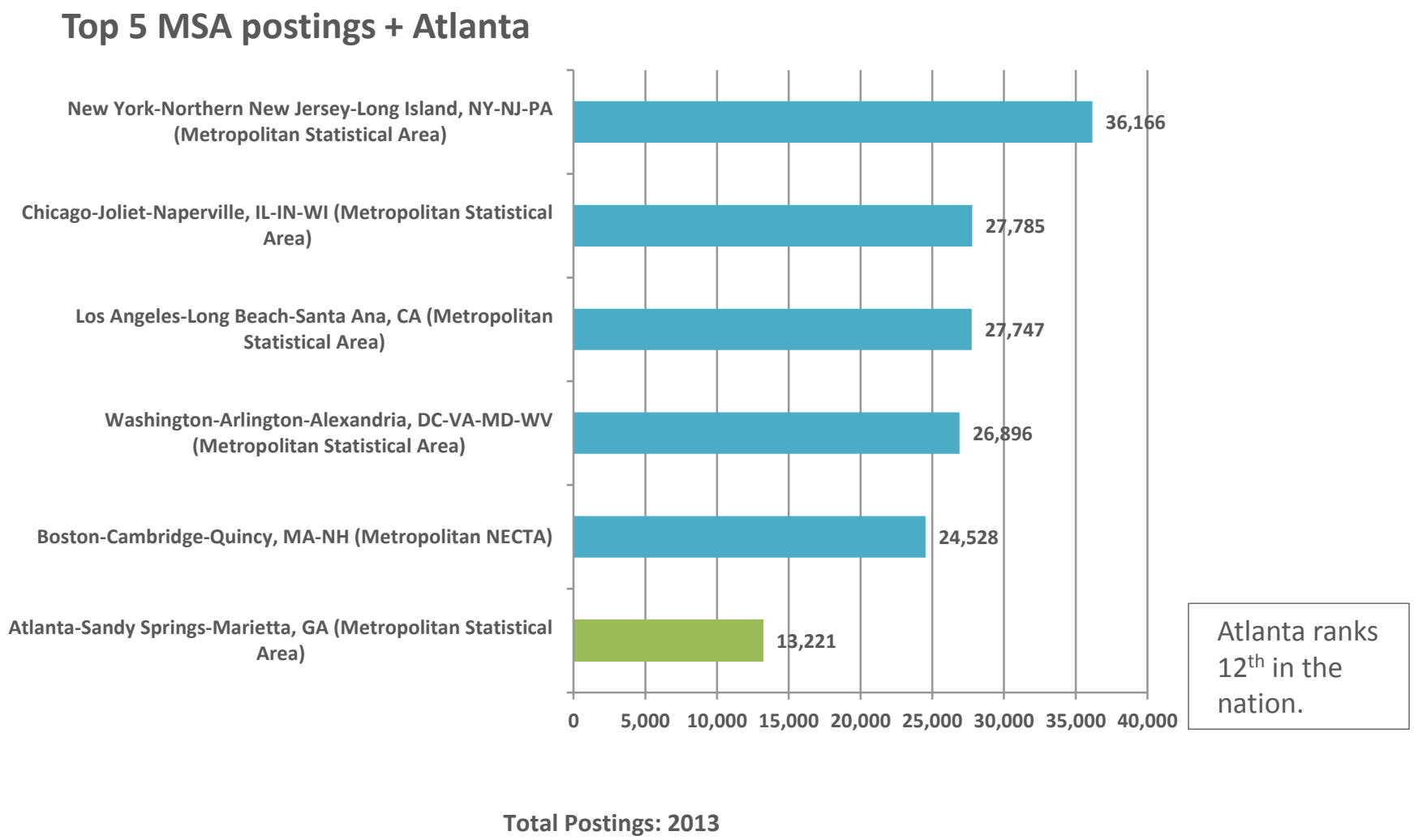
Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

MANUFACTURING: BA+



Atlanta ranks 12th in the nation.

MANUFACTURING: BA +

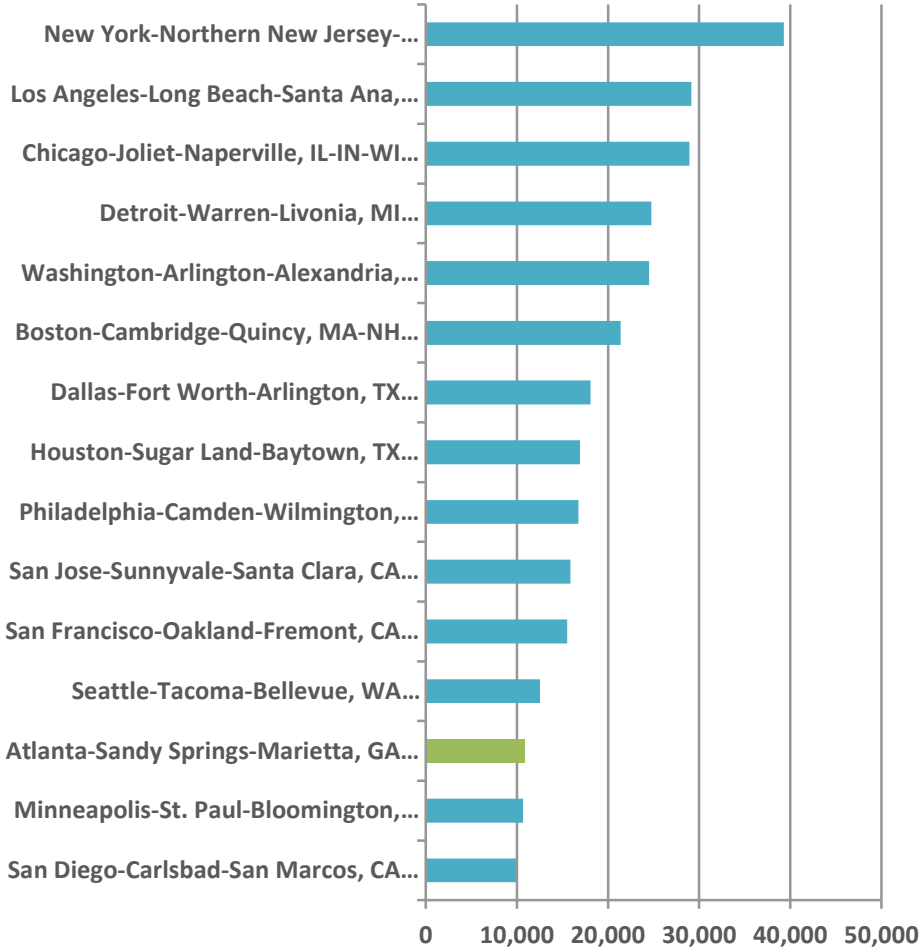
Atlanta Compared to Top 5 MSAs

In 2013, Atlanta ranked 12th among MSAs in manufacturing postings requiring a bachelors or more, up from 13th in 2007.

- From 2007 to 2013, postings in the Atlanta MSA market rose from 5,995 in 2007 to 13, 221 in 2013, for a 121% increase
- From 2010-2013, manufacturing BA + postings in Atlanta increased 58%
- SAP, Accounting, Business Process, and Process Improvement are among the important specialized skills. CPA, PMP and Six Sigma (Black and Green Belt) are key certifications. Engineer (Manufacturing), Account Manager, as well as Analyst (Financial and Business) are among the top titles in this grouping.
- Coca-Cola, Koch, GE, and Siemens are top recently posting employers (last 12 months).

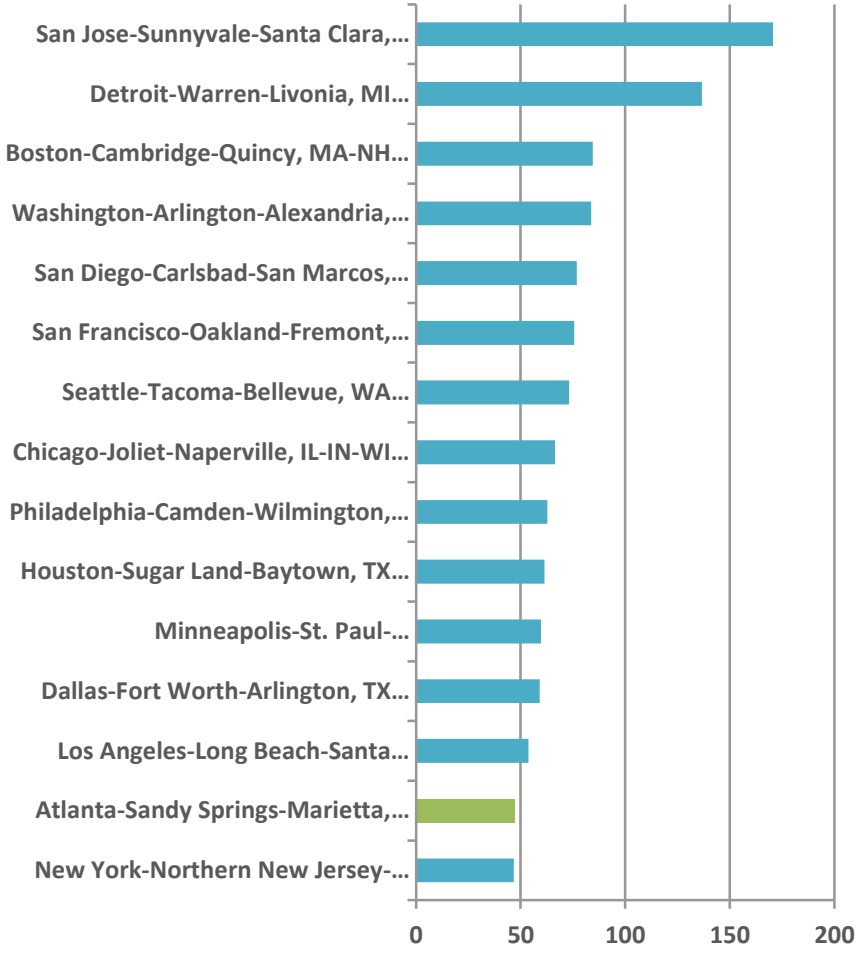
MANUFACTURING: BA+

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

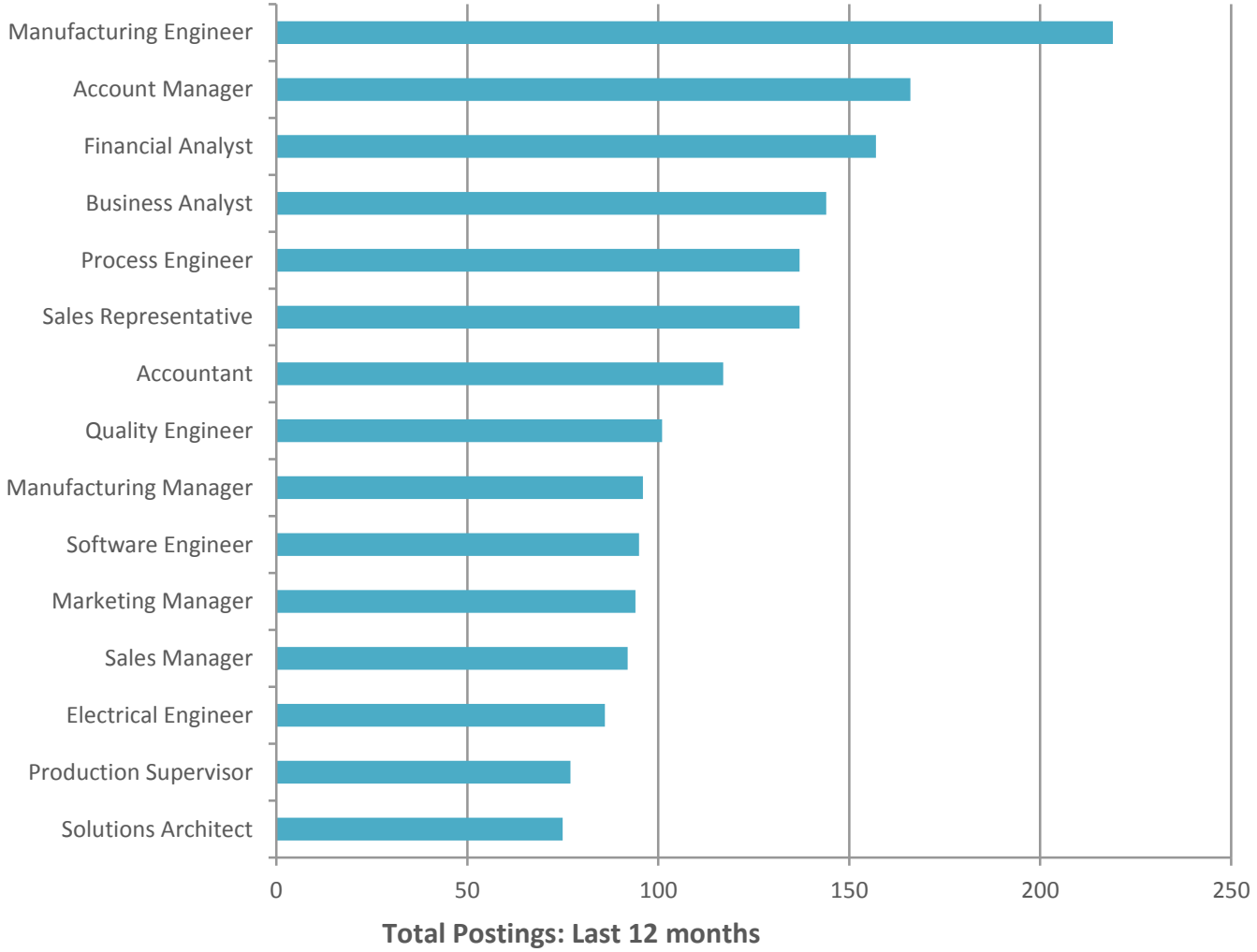
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

MANUFACTURING: BA+

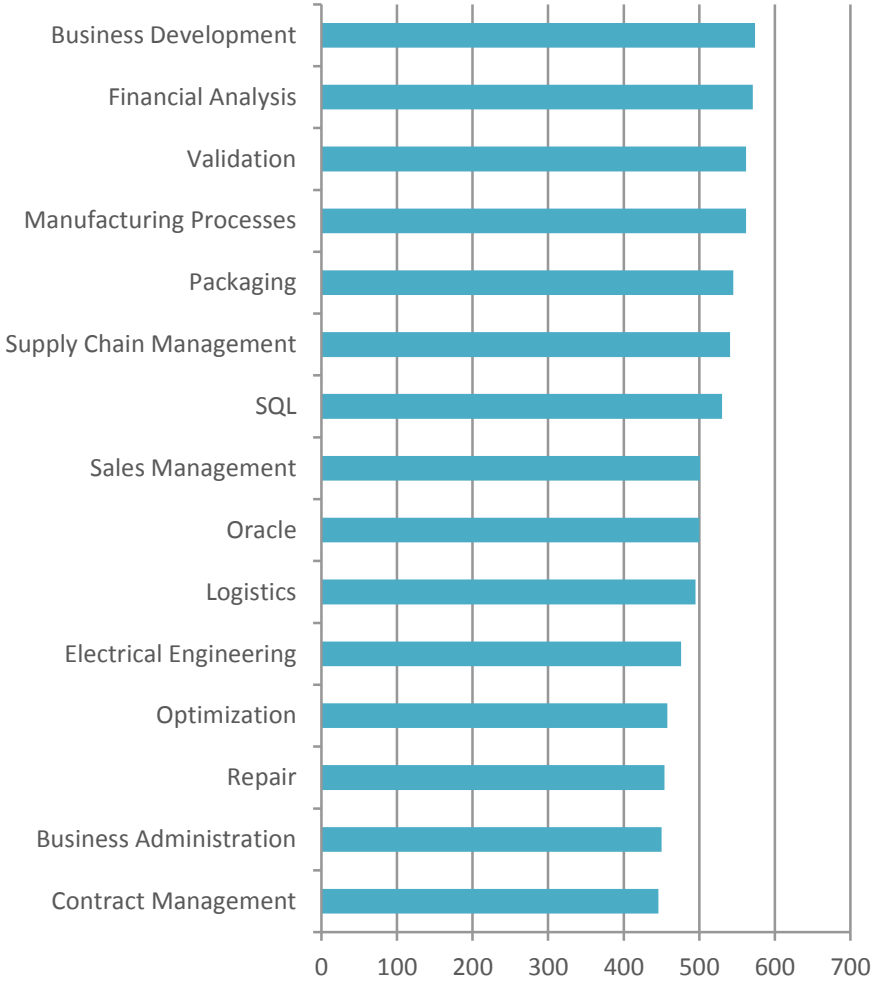
Top Titles



MANUFACTURING: BA+

TOP SPECIALIZED SKILLS

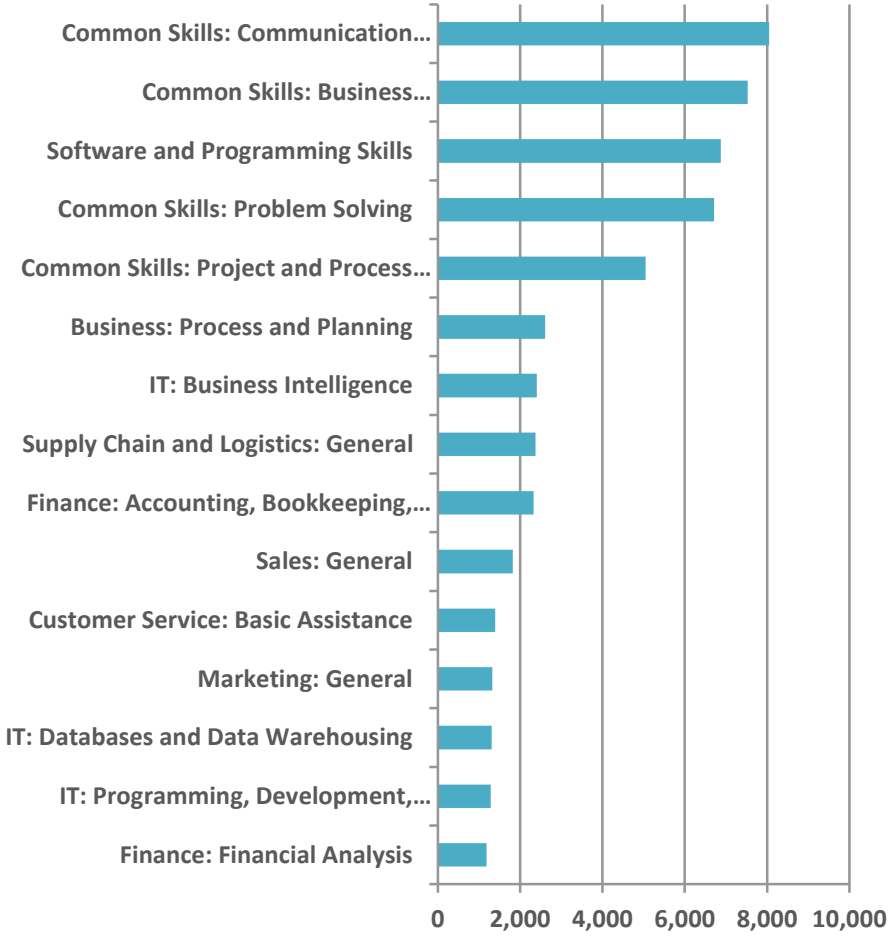
Total Postings: Last 12 months



Total Postings: Last 12 months

MANUFACTURING: BA+

TOP SKILL CLUSTERS



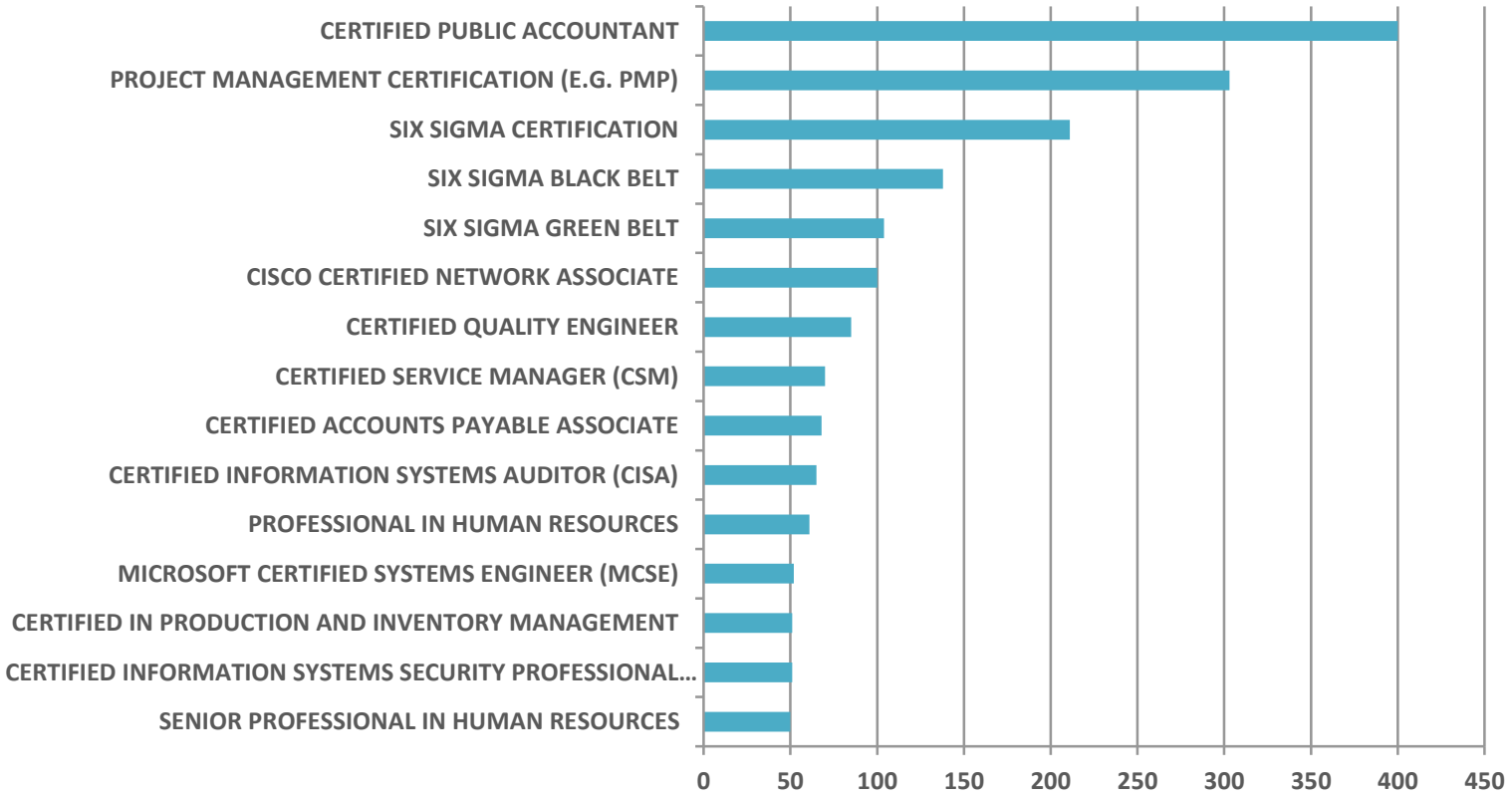
Total Postings: Last 12 months

TOP BASELINE SKILLS

Total Postings: Last 12 months

MANUFACTURING: BA+

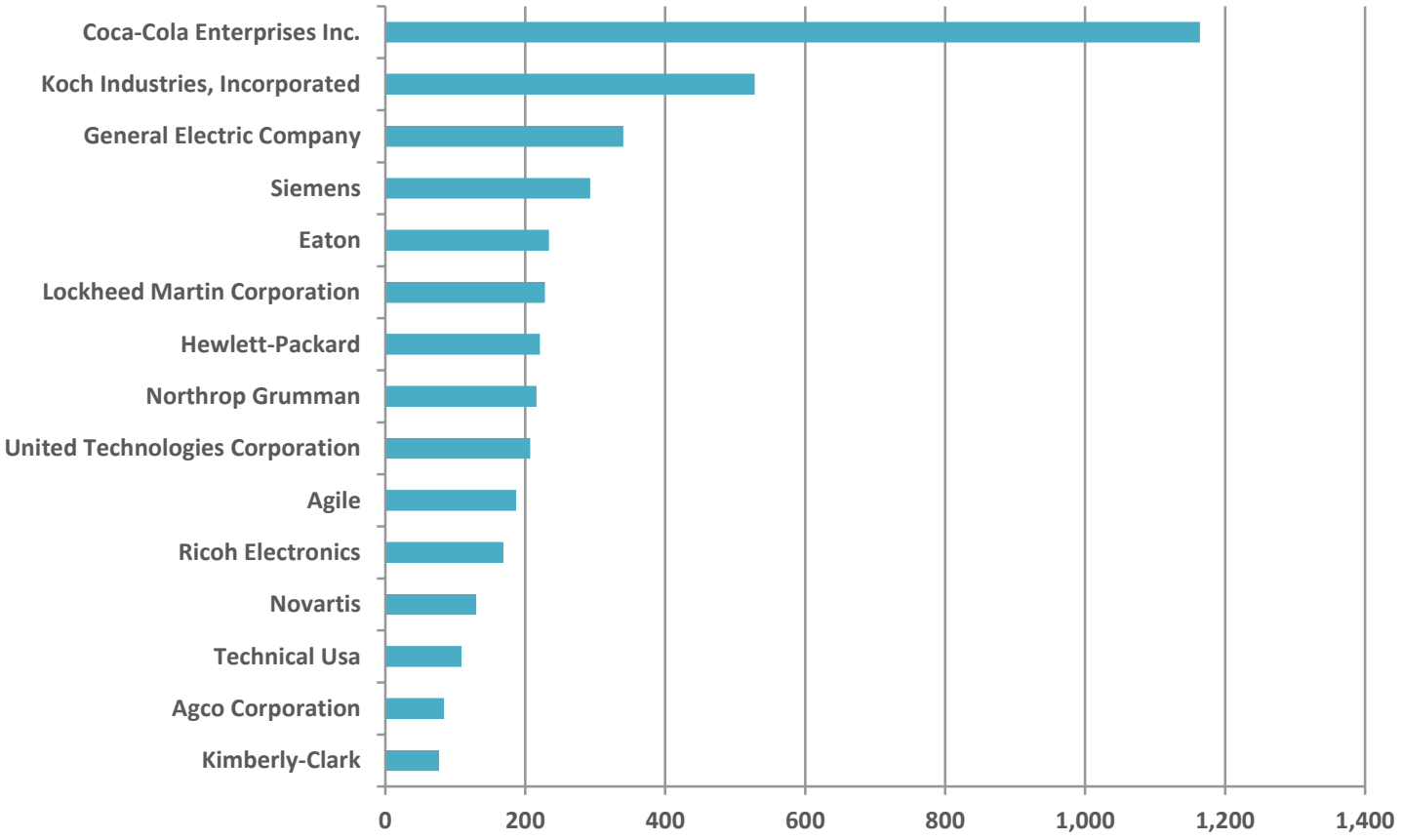
Top Certifications



Total Postings: Last 12 months

MANUFACTURING: BA+

Top Employers



Total Postings: Last 12 months

MANUFACTURING: BA-

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

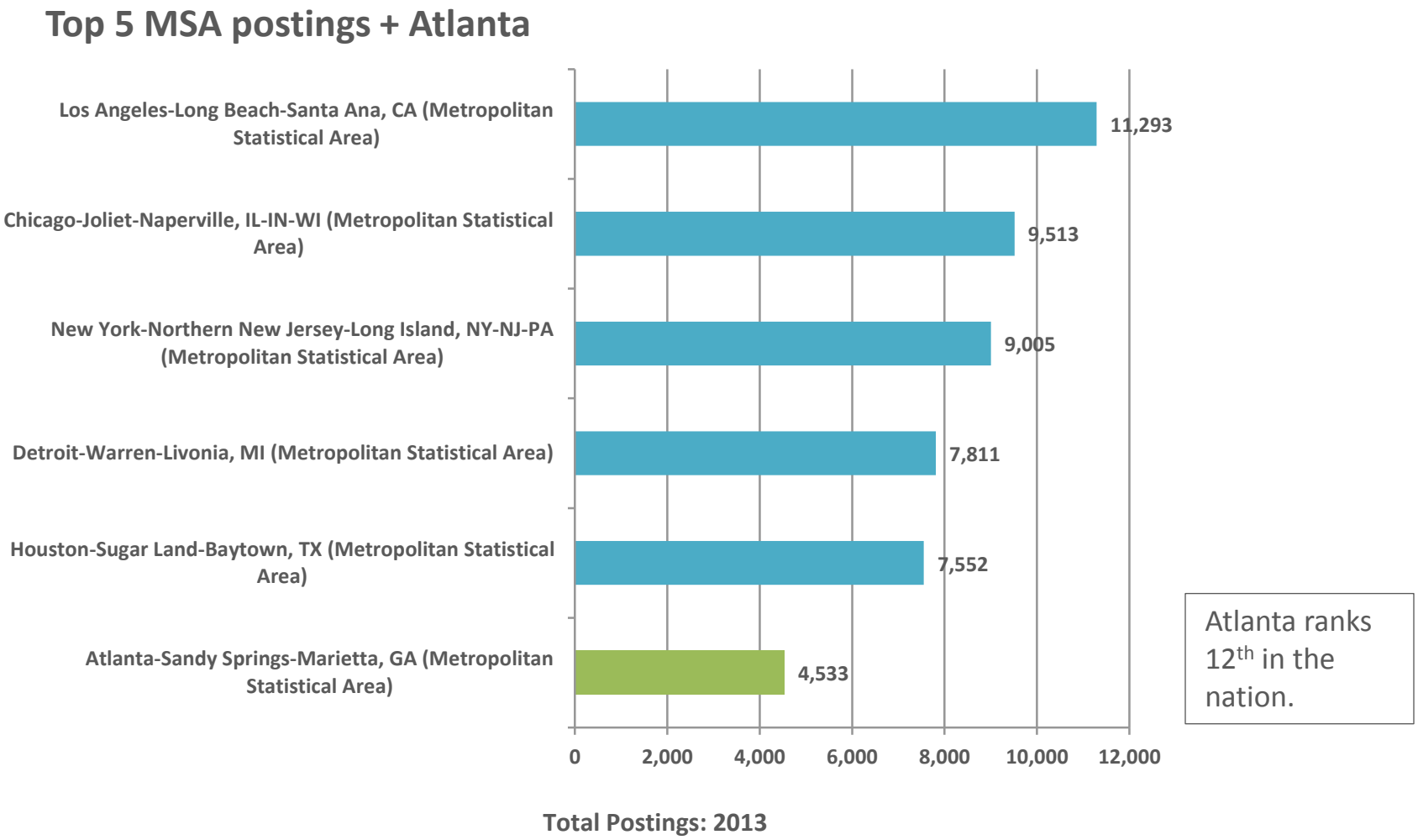
Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

MANUFACTURING: BA-



Atlanta ranks 12th in the nation.

MANUFACTURING: BA-

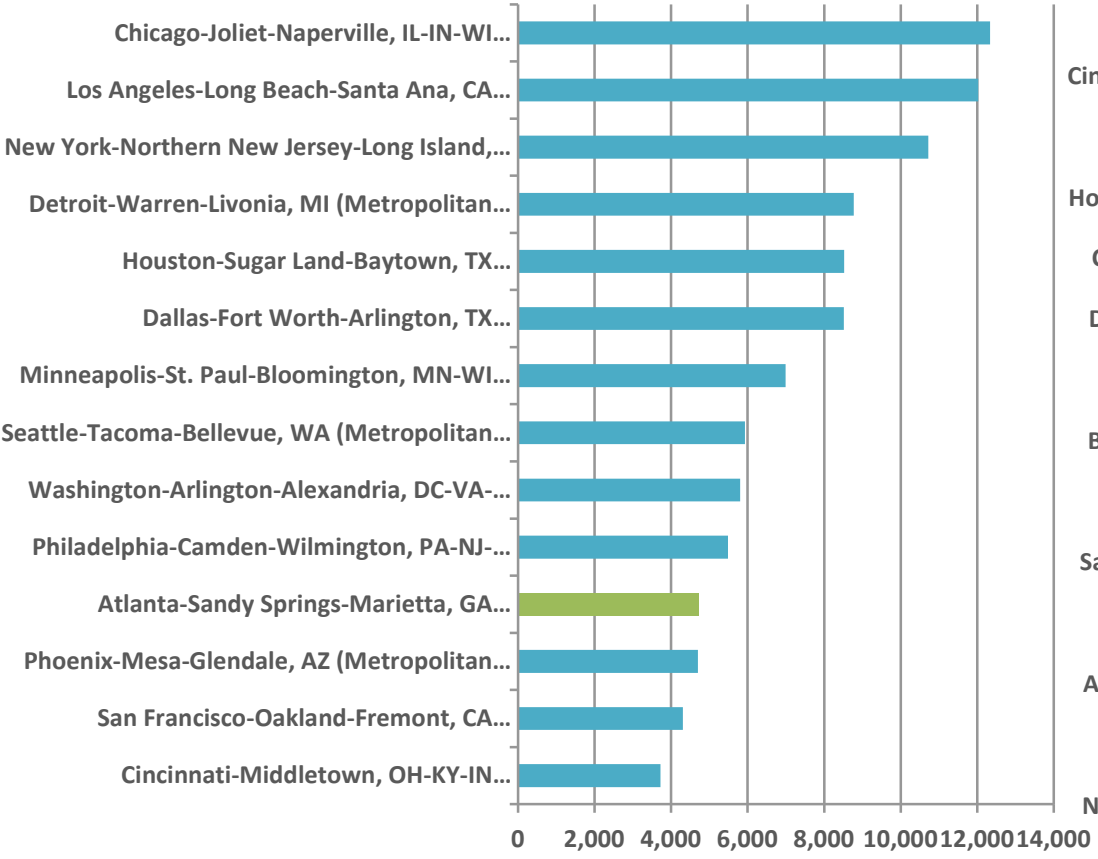
Atlanta Compared to Top 5 MSAs

In 2013 and 2007, Atlanta ranked 12th among MSAs in manufacturing postings not requiring a bachelors degree.

- From 2007 to 2013, postings in the Atlanta MSA market rose from 2,150 in 2007 to 4, 533 in 2013, for a 111% increase
- From 2010-2013, manufacturing BA - postings in Atlanta increased 52%
- Repair, Inspection, and Forklift Operation are most desired specialized skills. Forklift Operator, CDL, and Microsoft Certified Engineer are key certifications. Merchandiser, Maintenance Tech, and Warehouse Worker are top titles in this grouping.
- Coca-Cola, GE, Ricoh, and Aaron's are top recently posting employers (last 12 months).

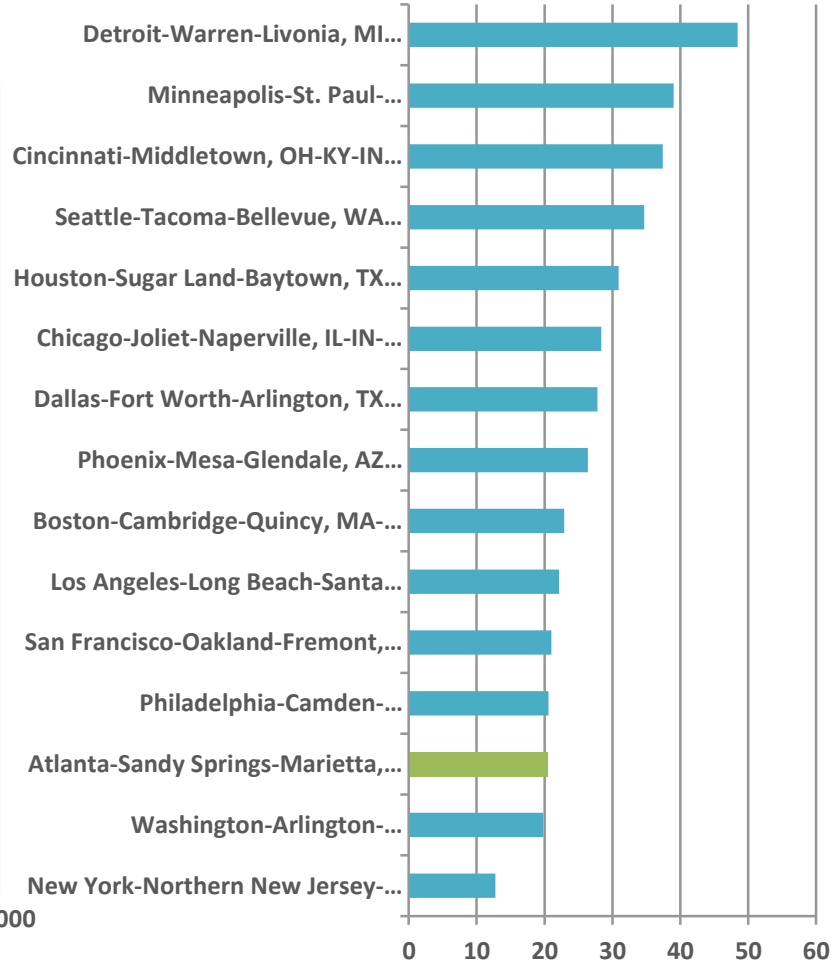
MANUFACTURING: BA-

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

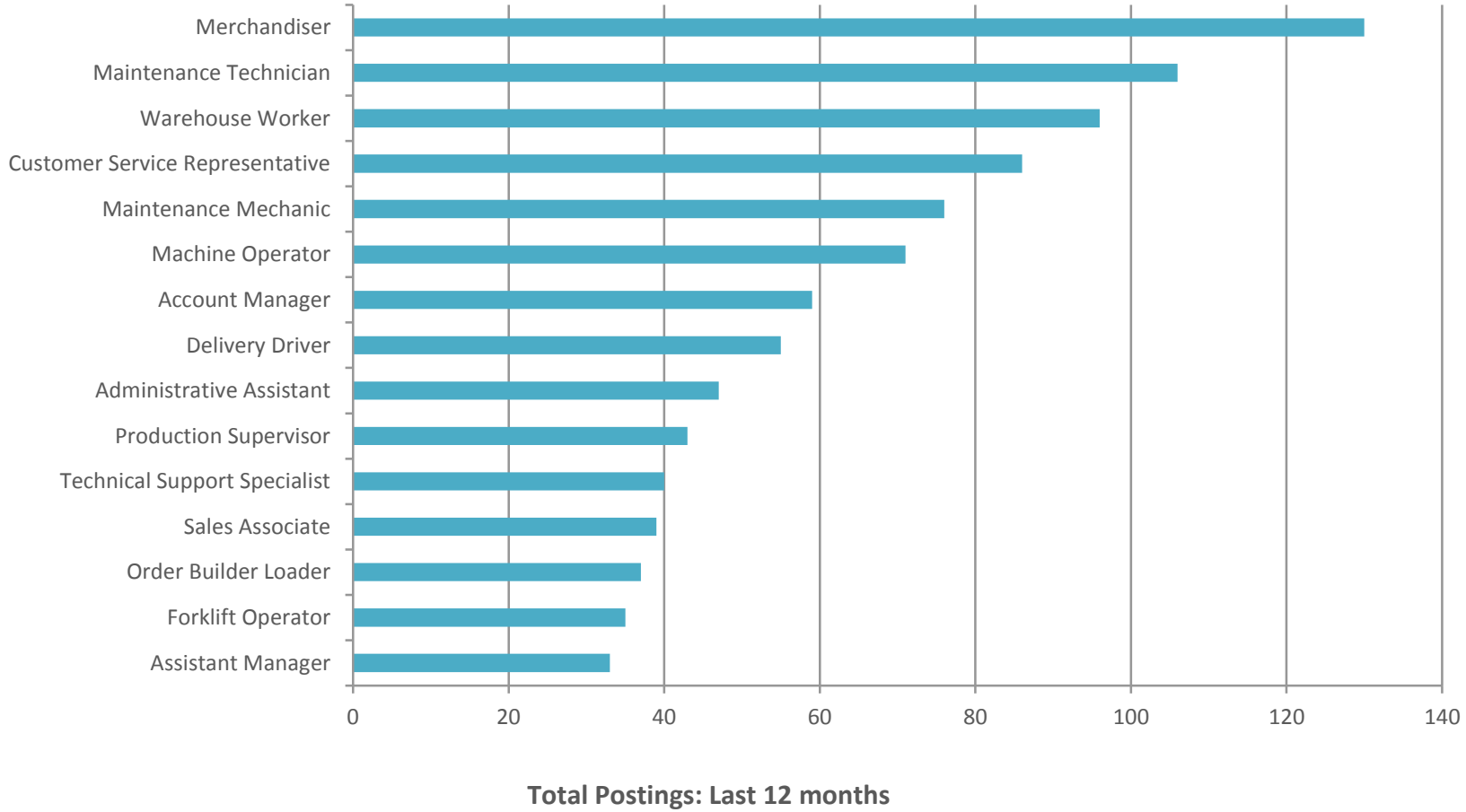
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

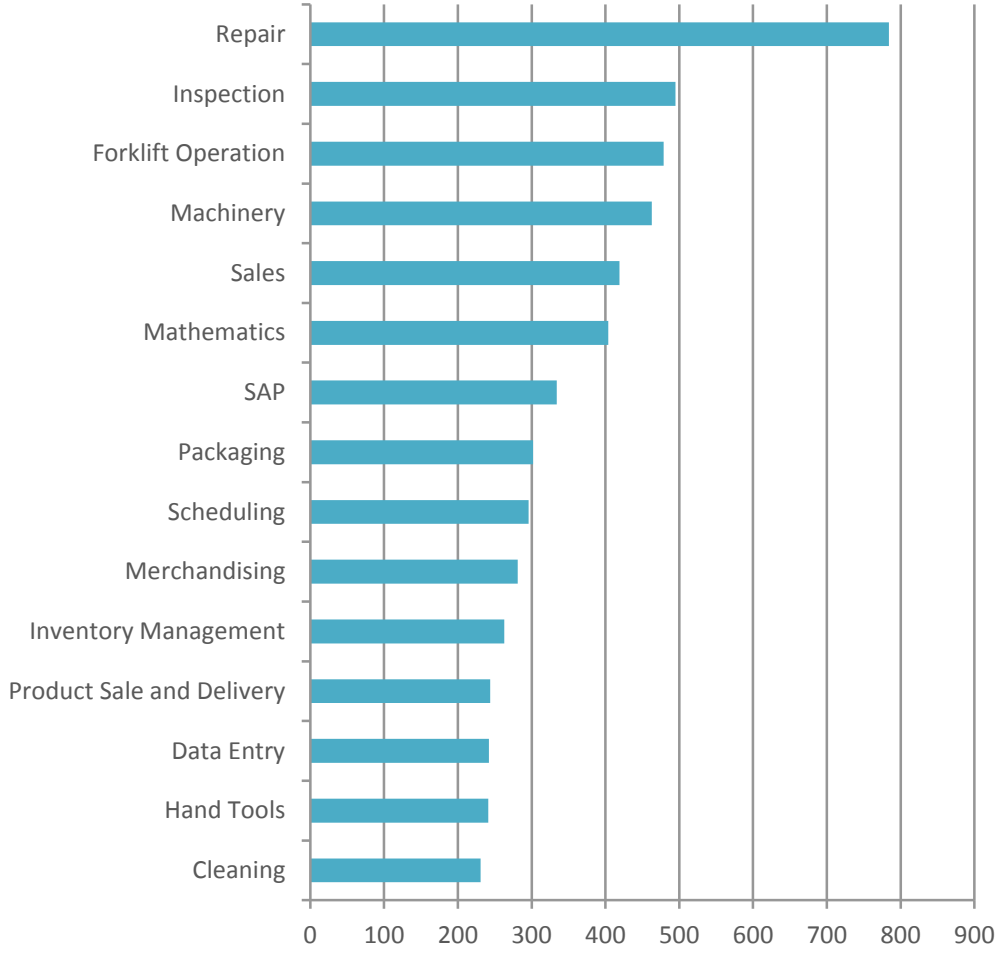
MANUFACTURING: BA-

Top Titles

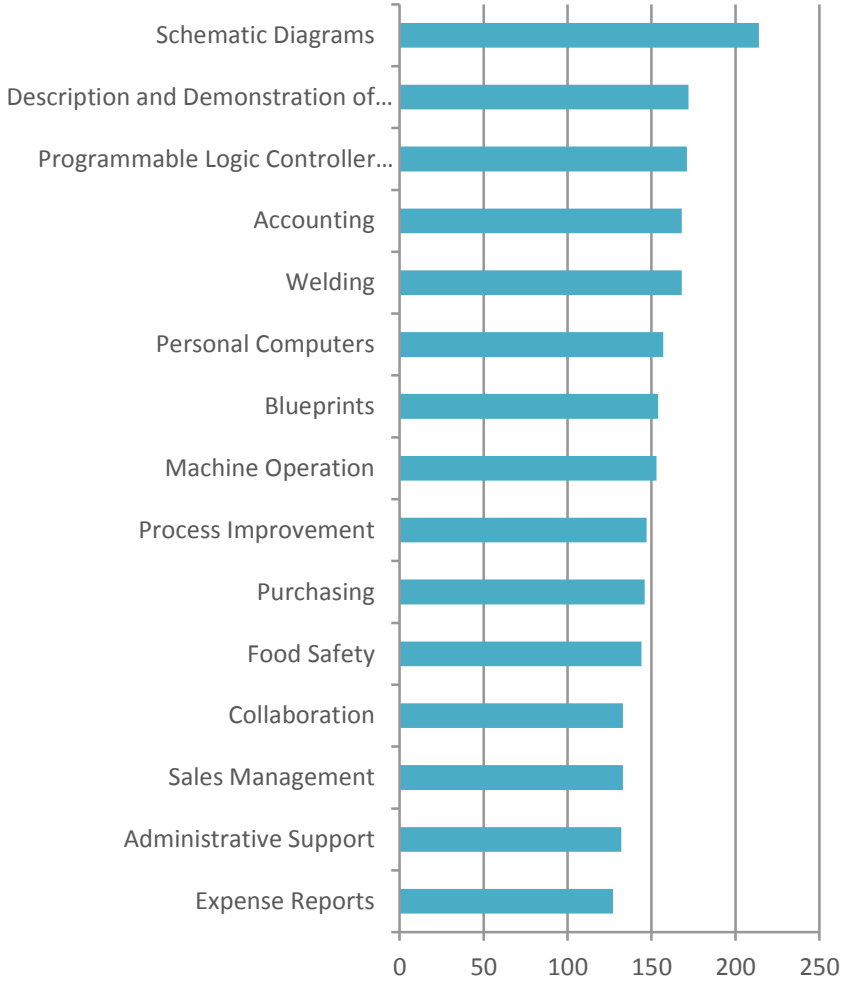


MANUFACTURING: BA-

TOP SPECIALIZED SKILLS



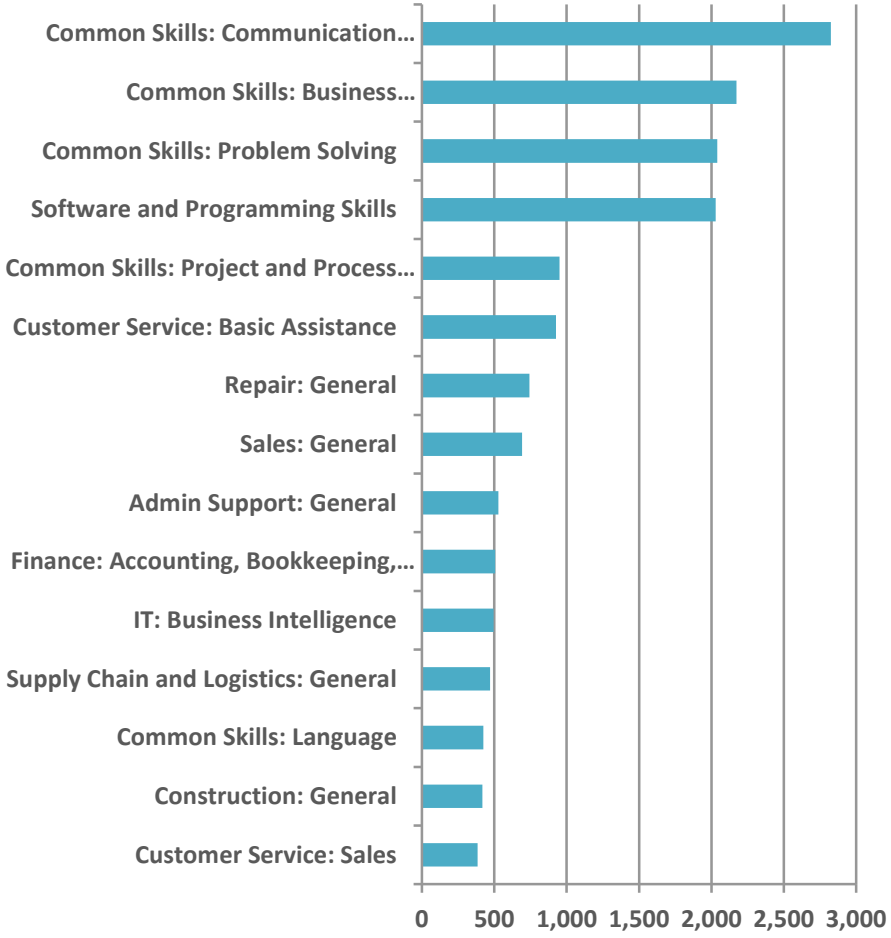
Total Postings: Last 12 months



Total Postings: Last 12 months

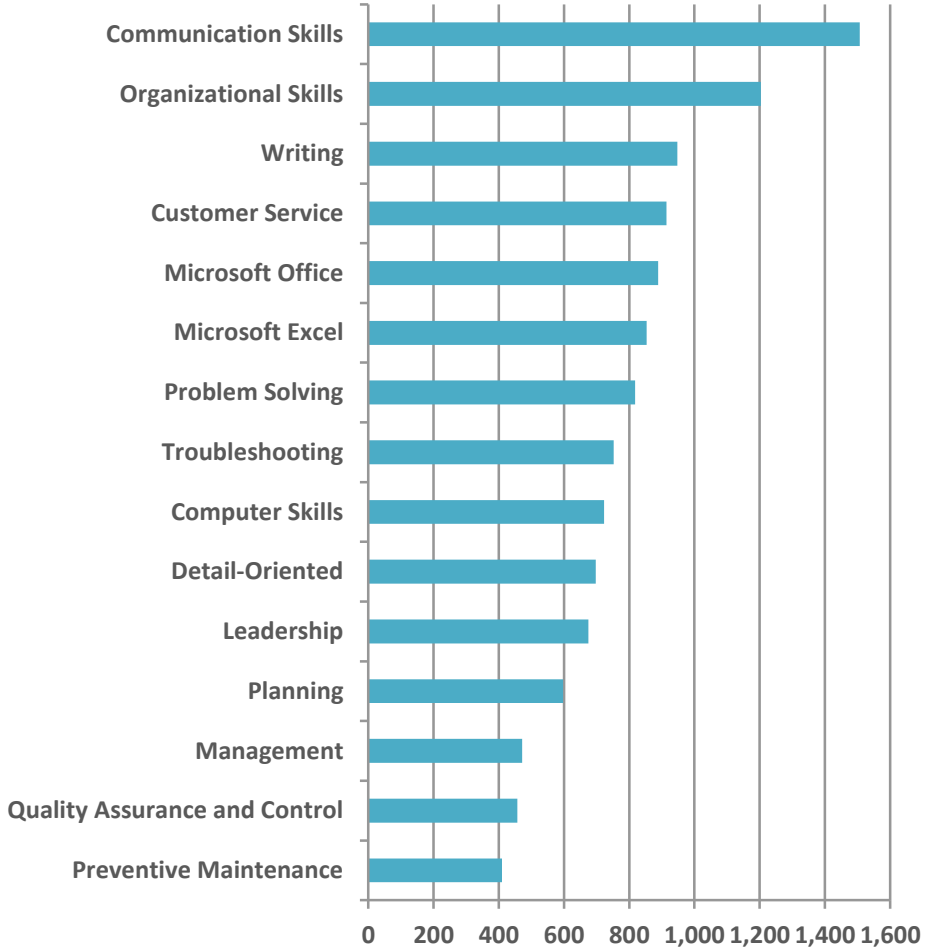
MANUFACTURING: BA-

TOP SKILL CLUSTERS



Total Postings: Last 12 months

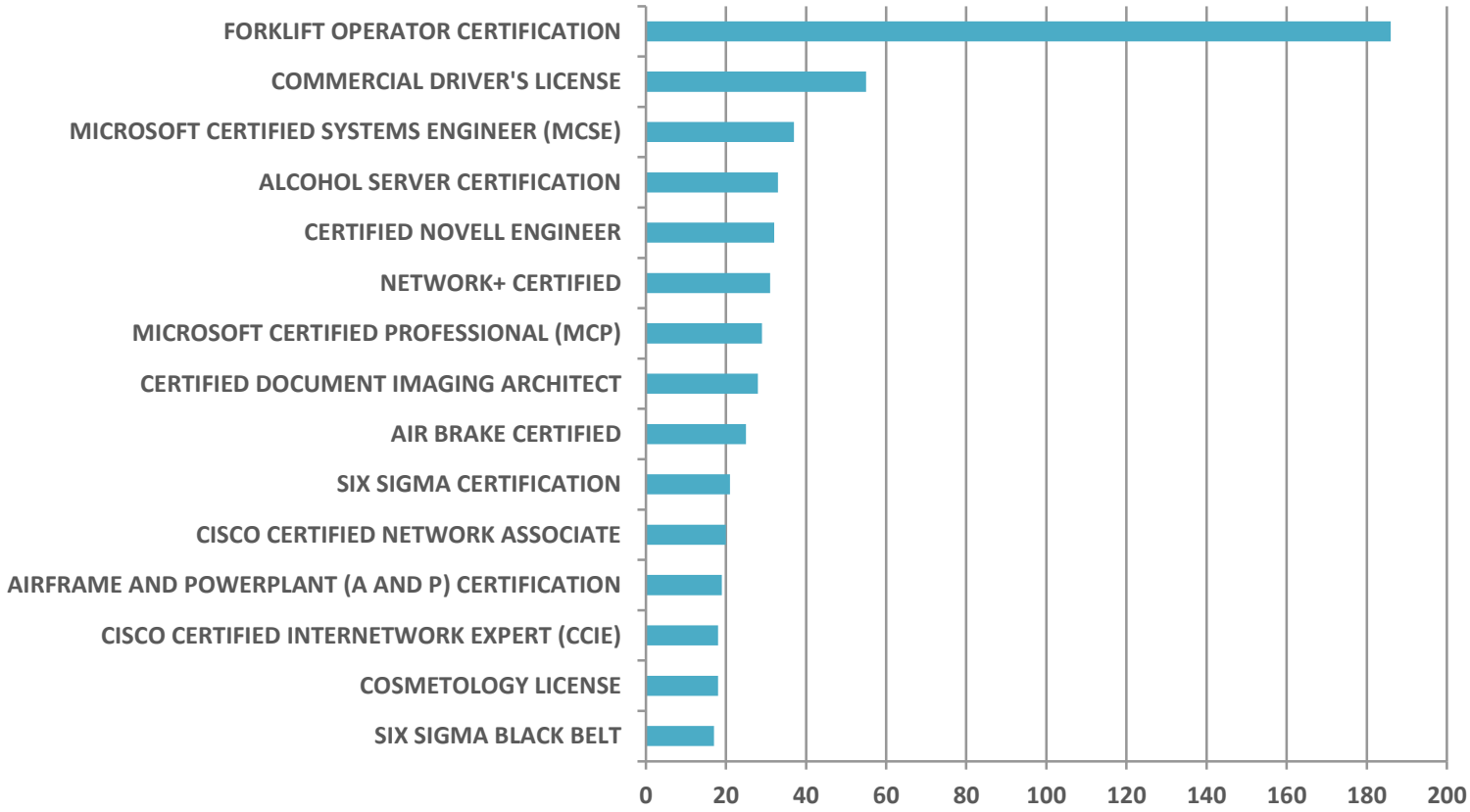
TOP BASELINE SKILLS



Total Postings: Last 12 months

MANUFACTURING: BA-

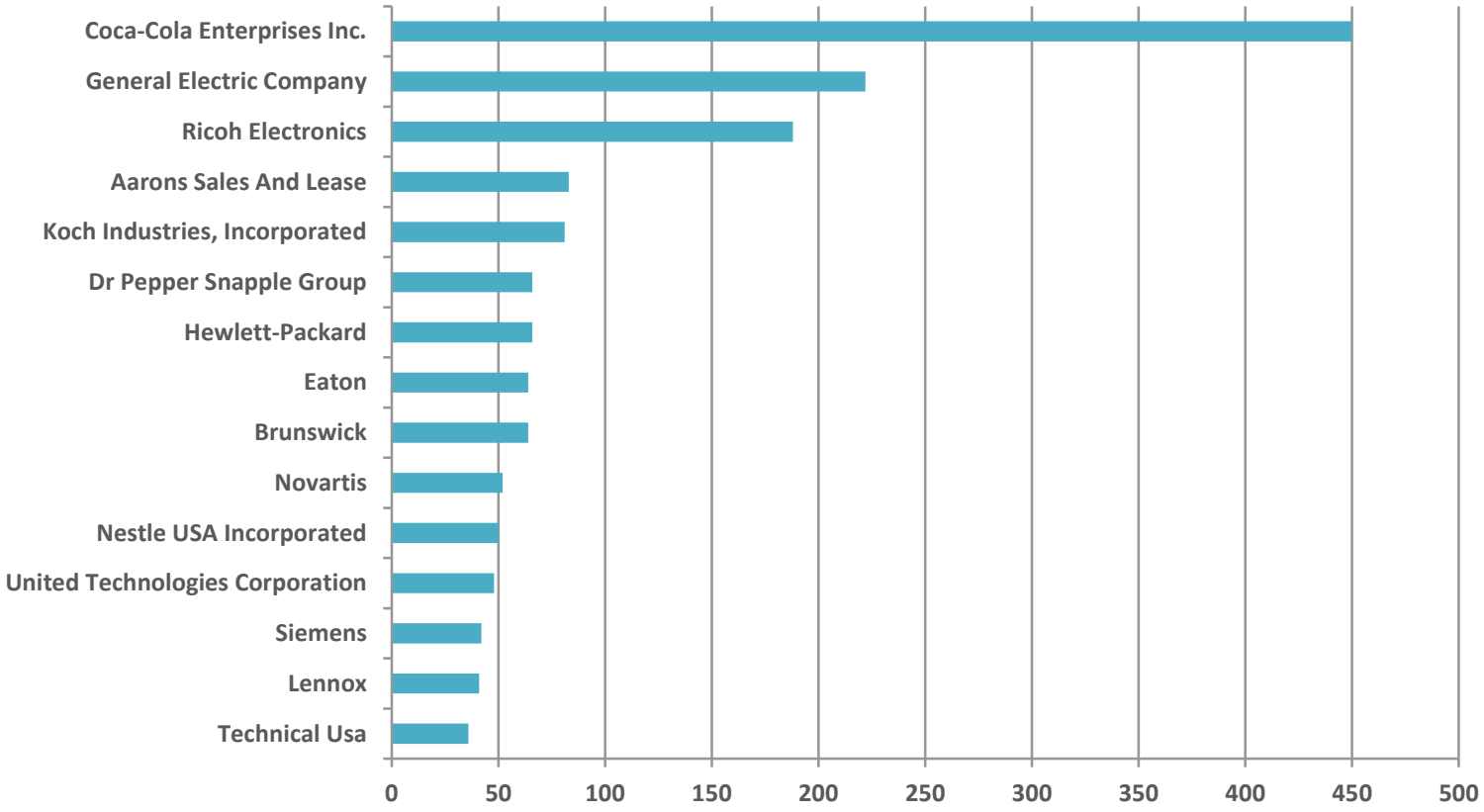
Top Certifications



Total Postings: Last 12 months

MANUFACTURING: BA-

Top Employers



Total Postings: Last 12 months

MANUFACTURING: ADVANCED

Technology

a. Computer IT BA+
b. Computer IT BA-
c. Computer IT Overall
d. Software Development
e. Software Development BA-
f. Wireless/Mobility
g. Internet Security
h. Digital Media and Gaming
i. Financial Transactions Processing

Bioscience

a. Health IT Software Development
b. Biotech
c. Biotech BA+
d. Biotech BA-

Supply Chain & Logistics

a. Supply Chain Management & Software
b. Distribution Services

Hospitality

Healthcare

a. Healthcare BA+
b. Healthcare BA-

Manufacturing

a. Manufacturing Overall
b. Manufacturing BA+
c. Manufacturing BA-
d. Manufacturing Advanced

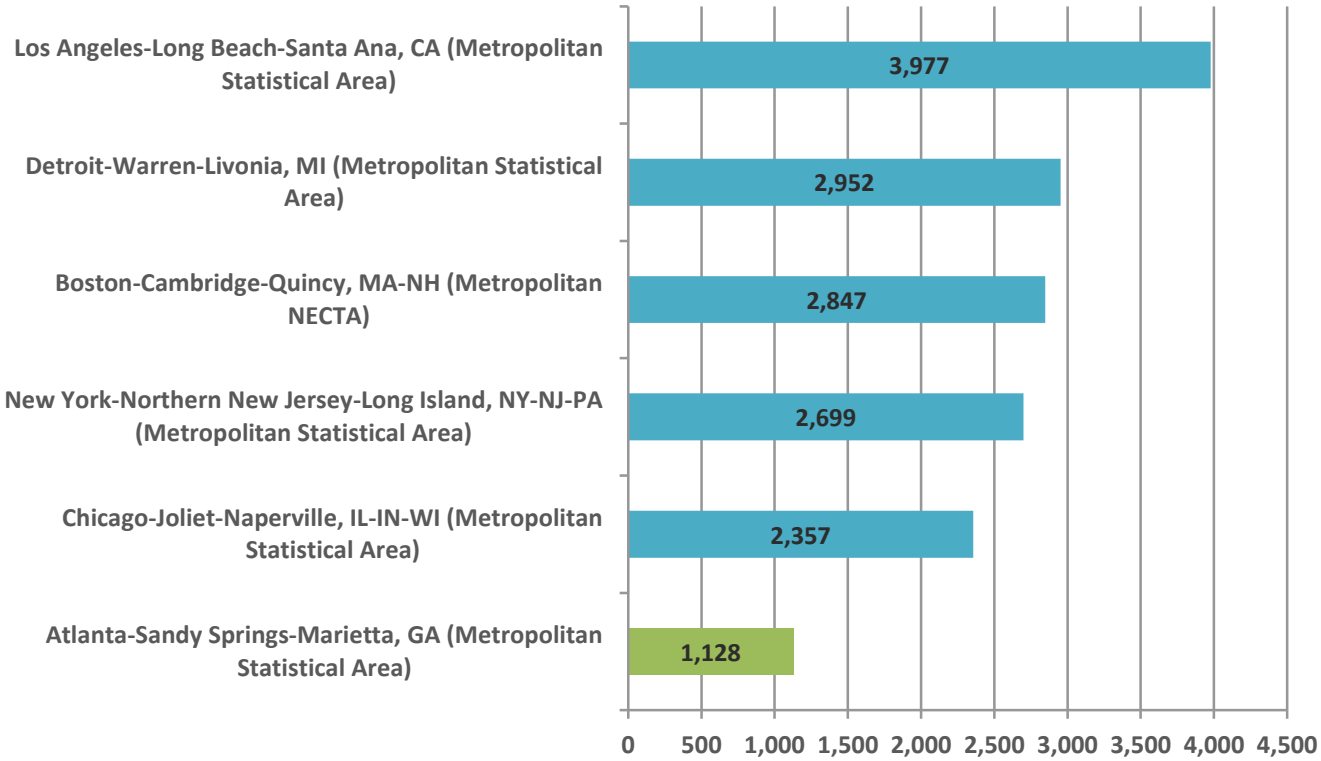
MANUFACTURING: ADVANCED

Advanced Manufacturing

Defined as postings classified within the manufacturing industry that also fall within the advanced manufacturing skill cluster.

MANUFACTURING: ADVANCED

Top 5 MSA Job Postings + Atlanta



Total Postings: 2013

Atlanta ranks 14th in the nation.

MANUFACTURING: ADVANCED

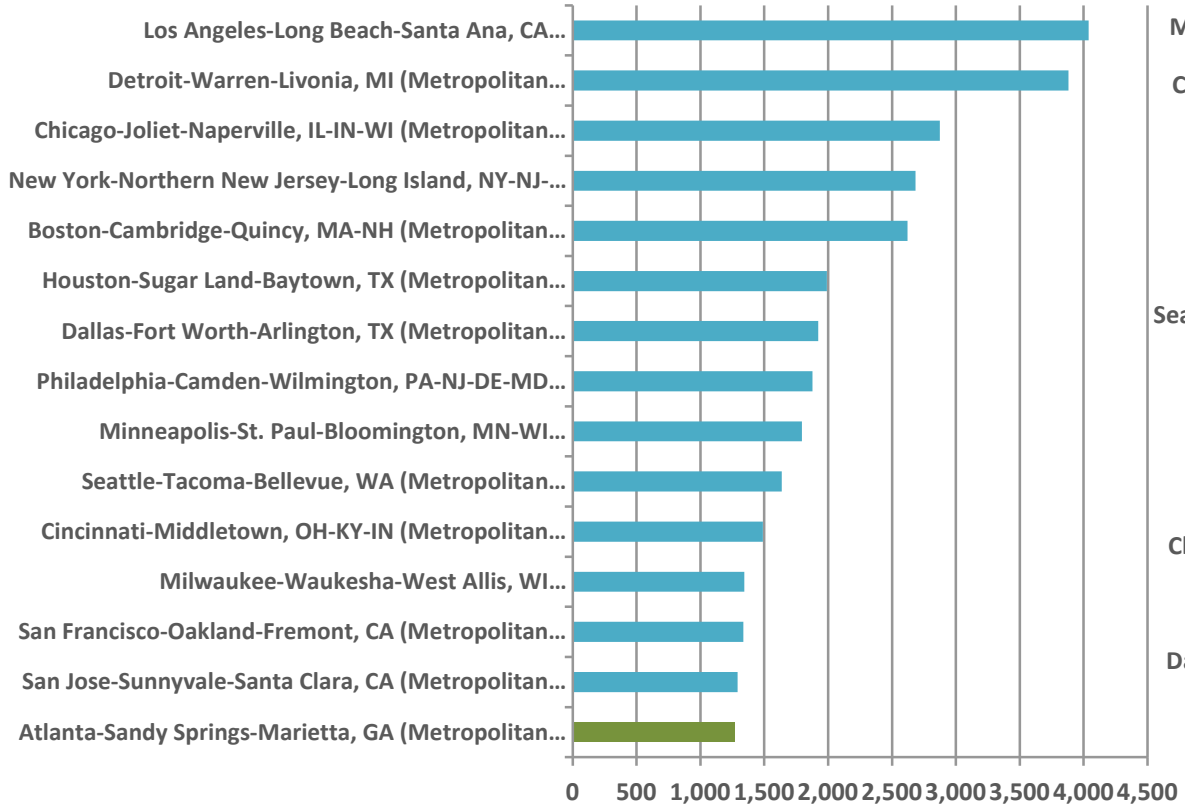
Atlanta Compared to the Nation and Top 5 MSAs

In 2013, Atlanta ranked 14th among MSAs in advanced manufacturing jobs, up from 17th in 2007

- From 2007 to 2013, postings in the Atlanta MSA market increased from 468 in 2007 to 1, 128 in 2013
  - This 141% increase compares to 136% growth in the nation on the whole
  - Atlanta's national share of advanced manufacturing jobs stayed steady at 1.4% from 2007 to 2013
  - This 141% increase is higher than all of the top five MSAs except Detroit, where this type of posting expanded over 600% 2007-2013
- From 2010 to 2013, advanced mfg postings in Atlanta increased 45%
  - This is slightly higher than the 40% percentage growth in the nation on the whole '10-'13
  - Again, among the top five MSAs, this rate trails only Detroit (140%) in growth rates in this type of posting from 2010 to 2013

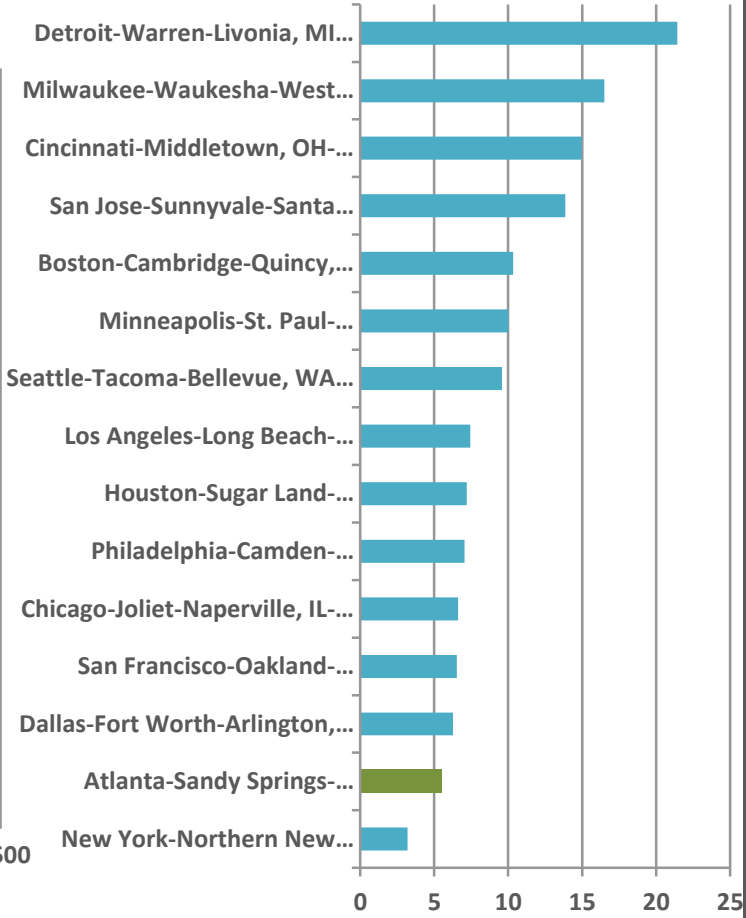
MANUFACTURING: ADVANCED

TOP LOCATIONS BY AD VOLUME



Total Postings: Last 12 months

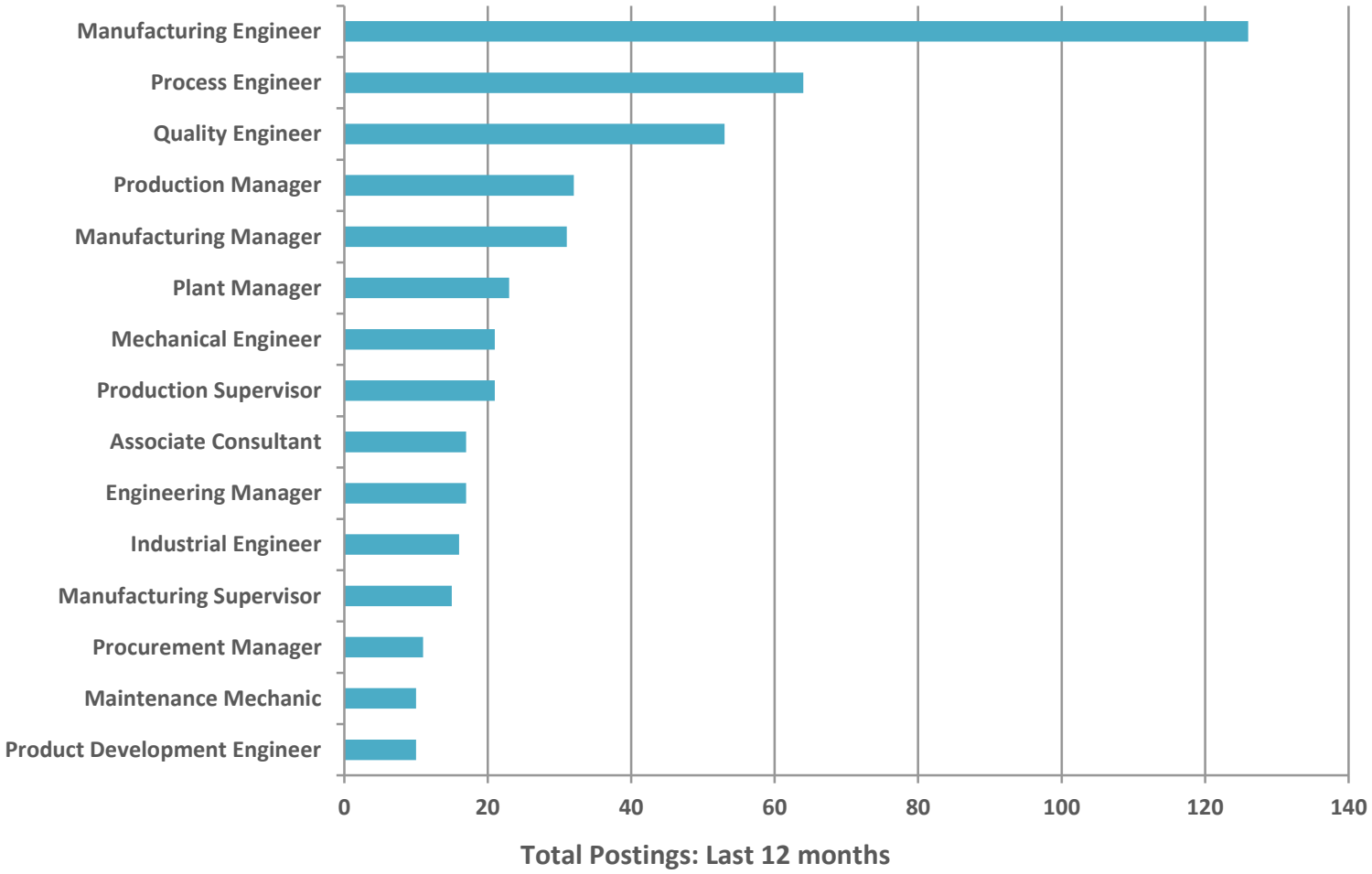
POSTINGS PER CAPITA



Postings Per 10,000 Working-Age Residents: Last 12 months

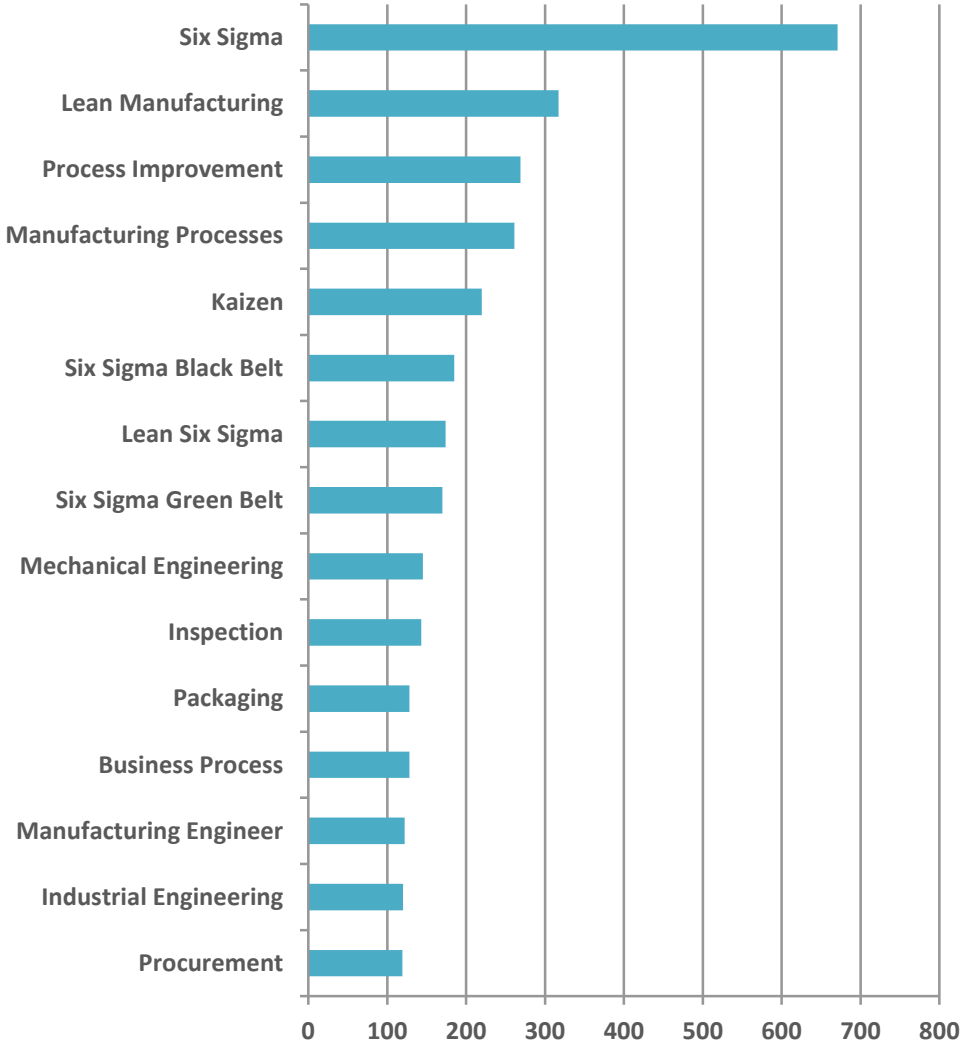
MANUFACTURING: ADVANCED

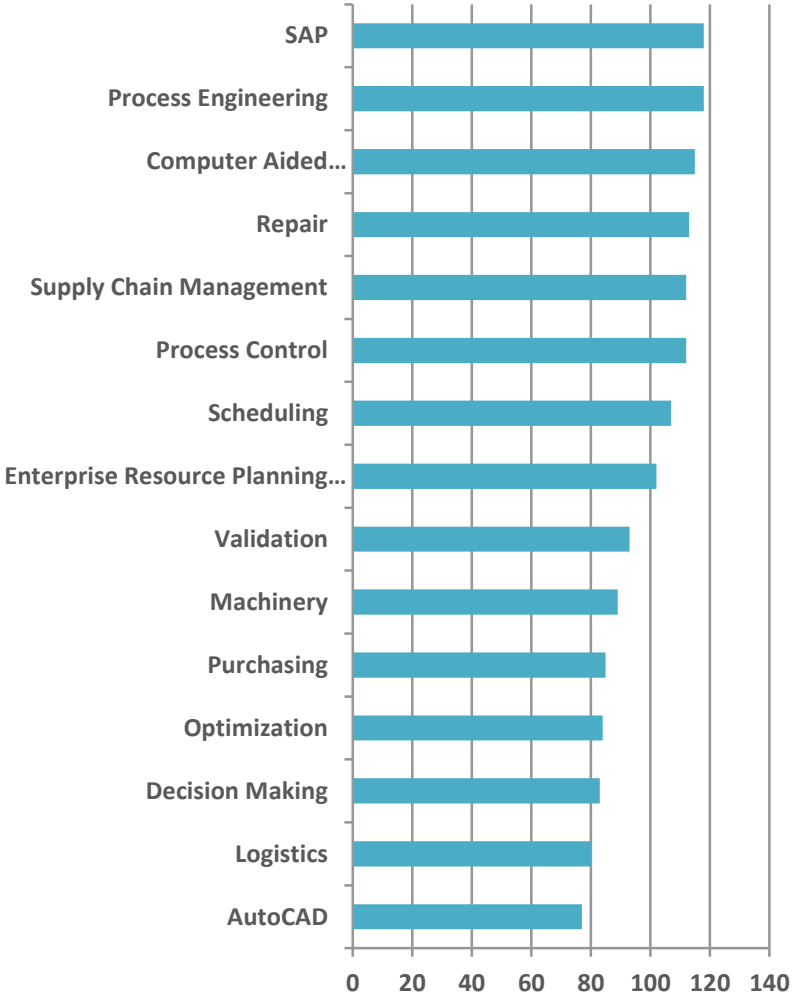
Top Titles



MANUFACTURING: ADVANCED

TOP SPECIALIZED SKILLS

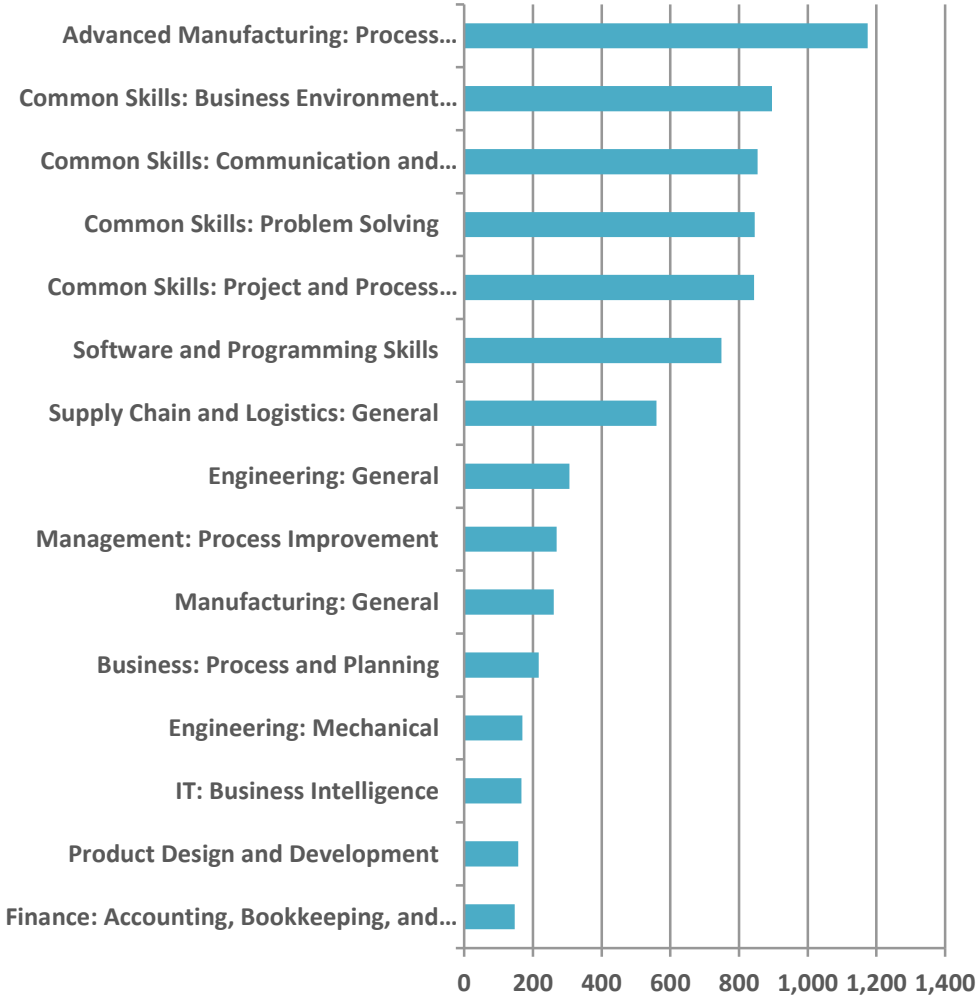




Total Postings: Last 12 months

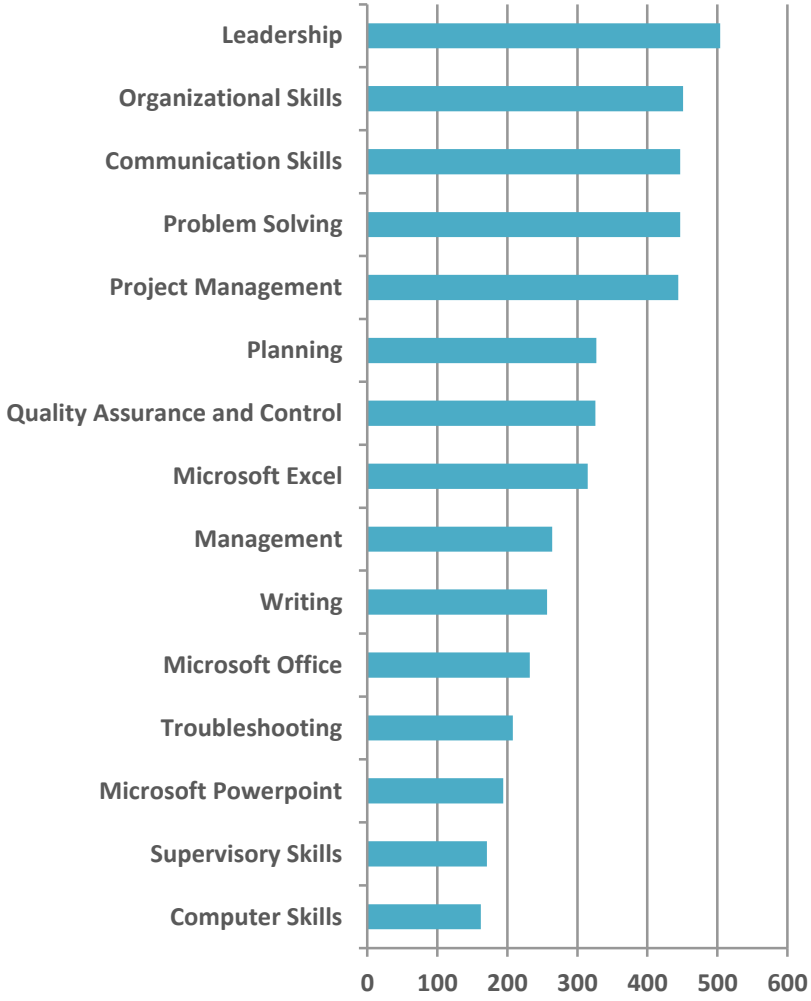
MANUFACTURING: ADVANCED

TOP SKILL CLUSTERS



Total Postings: Last 12 months

TOP BASELINE SKILLS

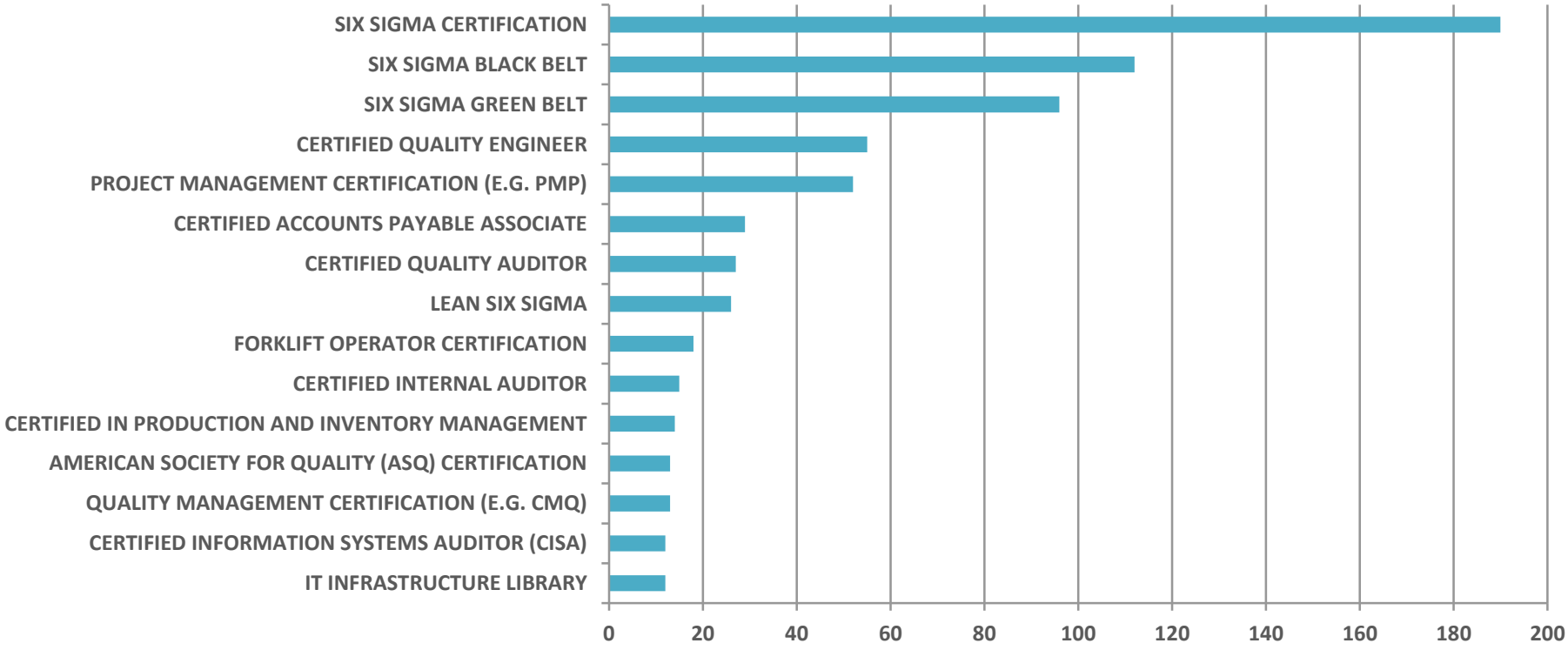


Total Postings: Last 12 months

MANUFACTURING: ADVANCED

MINIMUM EDUCATIONAL REQUIREMENTS

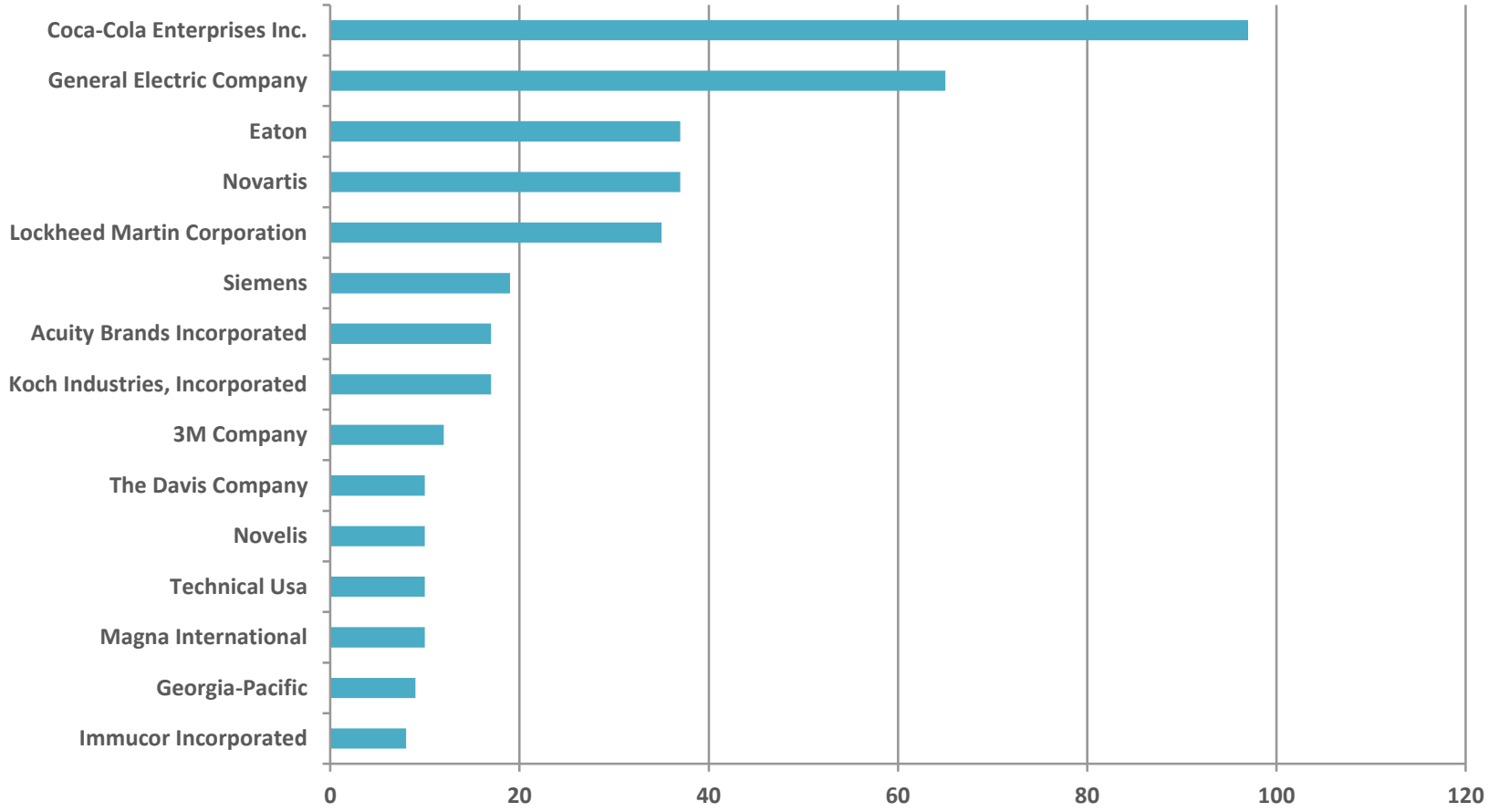
CERTIFICATIONS REQUIRED



Total Postings: Last 12 months

MANUFACTURING: ADVANCED

Top Employers



Total Postings: Last 12 months