

CompTIA Tools & Resources for the JD-NEG Program

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CompTIA®

Today's Presentation

- Labor Management Information (LMI) for Employer Outreach
- Additional Case Worker & Participant Tools & Resources
- Anticipated Timeline for Roll-out

CompTIA LMI Burning Glass Reports' Contents include:

▪ County level for Q3 2014

- Number of posted open IT jobs, Quarter over Quarter (QoQ)
- Local employers with the most IT job ads
- Top “Entry Level” IT occupations
- “Required” certifications & experience and job types

▪ MSA level for Q3 2014

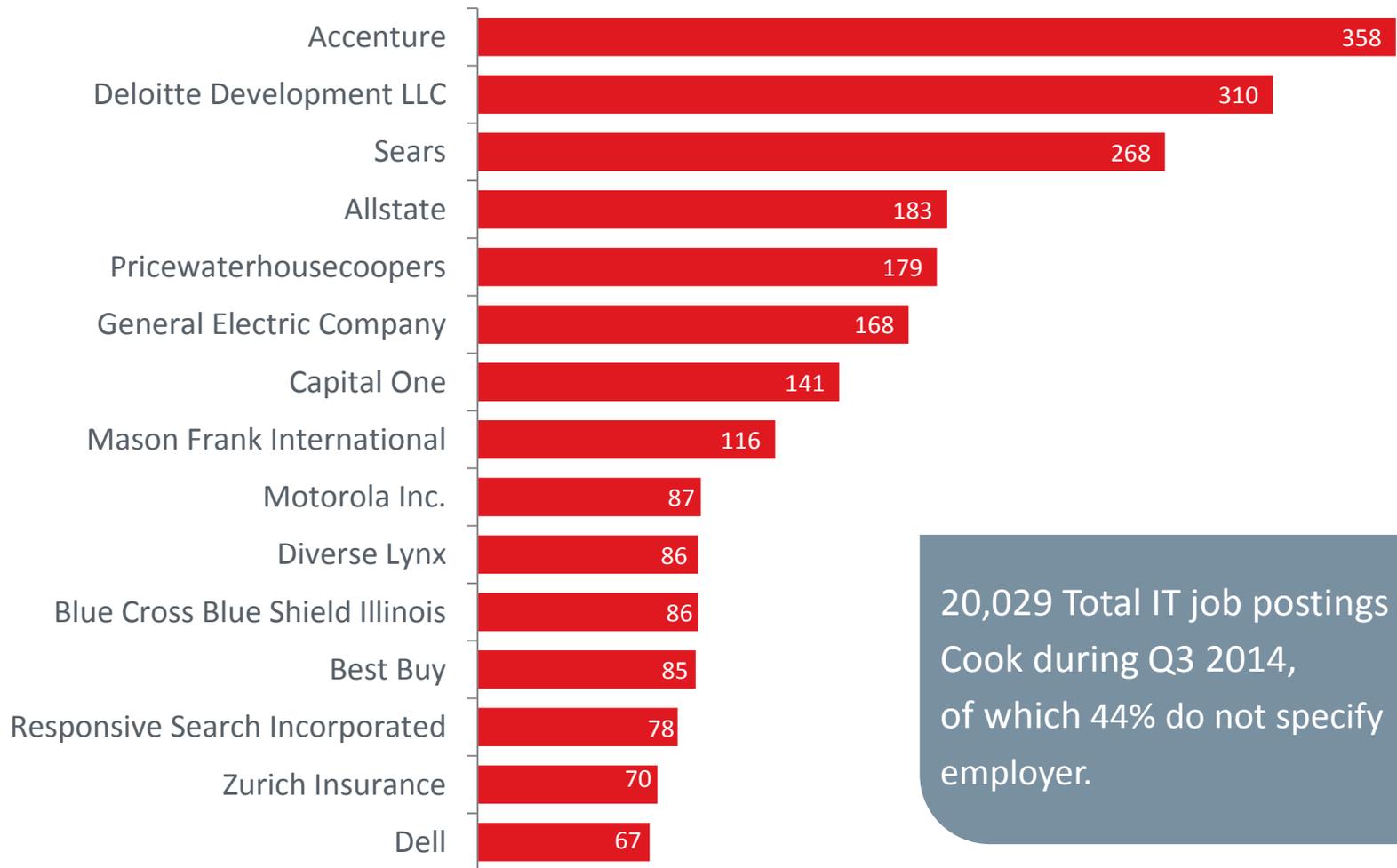
- Industries with the most IT jobs
- Top Skills cited in IT job postings
- Top Job Titles cited in IT job postings

Number of IT Job Openings in Cook – QoQ

Current quarter vs. same quarter last year

ONET Code	Core IT Occupations	# Postings Q3 2014	# Postings Q3 2013
11-3021.00	Computer & Information Systems Managers	586	845
15-1111.00	Computer & Information Research Scientists	85	50
15-1121.00-.01	Computer Systems Analysts & Informatics Specialists	2,425	3,665
15-1122.00	Information Security Analysts	592	985
15-1131.00	Computer Programmers	553	1,484
15-1132.00	Software Developers, Applications	6,128	5,135
15-1133.00	Software Developers, Systems Software	394	503
15-1134.00	Web Developers	870	909
15-1141.00	Database Administrators	994	1,180
15-1142.00	Network & Computer Systems Administrators	738	1,117
15-1143.00-.01	Computer Network Architects & Telecom Engineers	439	587
15-1151.00	Computer User Support Specialists	1,290	2,351
15-1152.00	Computer Network Support Specialists	80	113
15-1199.00 -.12	Computer Occupations, All Other	4,649	5,323
17-2061.00	Computer Hardware Engineers	29	15
49-2011.00	Computer, Automated Teller, & Office Machine Repairers	177	132
	Total	20,029	24,394

Employers with the Most IT Job Ads – Cook Q3 2014



20,029 Total IT job postings in Cook during Q3 2014, of which 44% do not specify employer.

Top “Entry Level” IT Occupations – Cook Q3 2014

Top IT Occupations for < 2 Years of Experience Cited in IT Job Postings

1.	Software Developers, Applications
2.	Computer Systems Analysts
3.	Computer User Support Specialists
4.	Business Intelligence Analysts
5.	Database Administrators
6.	Web Developers
7.	Software Quality Assurance Engineers & Testers
8.	Network and Computer Systems Administrators
9.	Computer Systems Engineers/Architects
10.	Computer Programmers

2,660 Total Cook IT job postings that specify <2 Years of experience.

Top IT Occupations for IT Job Ads that Cite < \$50K Salary

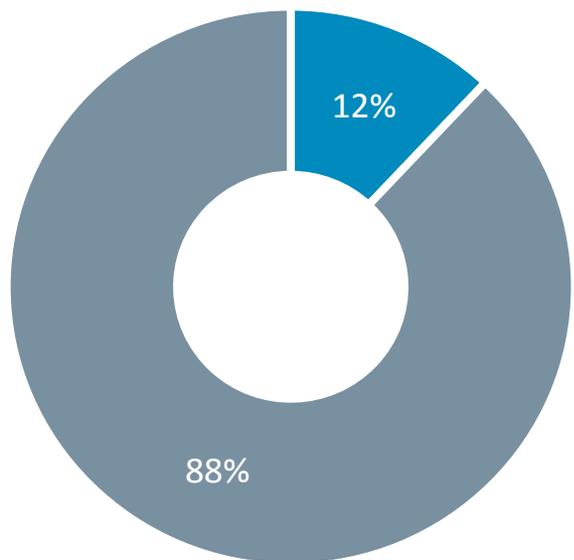
1.	Computer User Support Specialists
2.	Software Developers, Applications
3.	Computer, Automated Teller, & Office Machine Repairers
4.	Network and Computer Systems Administrators
5.	Computer Systems Analysts
6.	Business Intelligence Analysts
7.	Database Administrators
8.	Software Quality Assurance Engineers & Testers
9.	Computer Programmers
10.	Document Management Specialists

355 Total Cook IT job postings that cite <\$35,000 (208) or \$35,000-\$49,999 (147).

Certification, Experience & Job Type – Cook Q3 2014

20,029 Total Cook IT job postings

Certification Requirements for Cook IT Job Postings



■ Ads with certification ■ No certification information

Top certs cited in Cook IT ads include CISSP, Cisco, PMP, CISA, Microsoft, ITIL and CompTIA A+ (12th) & Network+ (18th).

Experience Requirements for IT Job Postings

21%	< 2 Years
54%	2-5 Years
17%	5-8 Years
9%	8+ Years

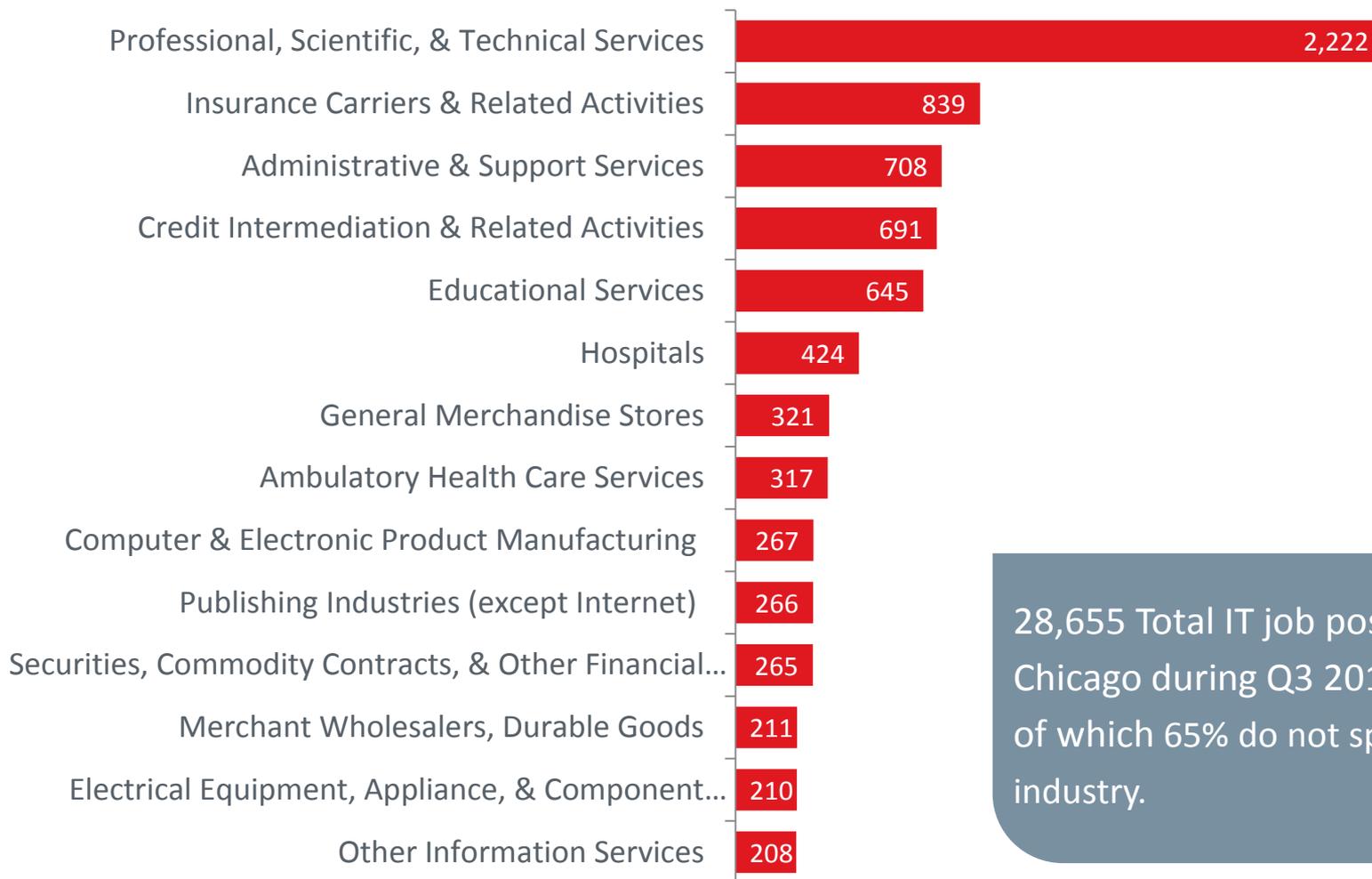
Percentages among 12,687 ads with experience specified. (37% of 20,029 do not specify experience.)

Job Types for IT Job Postings

77%	Permanent
23%	Temporary

Percentages among 11,662 ads with type specified. (42% of 20,029 do not specify type.) Additionally, 98% specify Full-time, 2% Part-time.

Industries with the Most IT Job Ads – Chicago Q3 2014



28,655 Total IT job postings in Chicago during Q3 2014, of which 65% do not specify industry.

Top Skills Cited in IT Job Postings – Chicago Q3 2014

Top Specialized Skills Listed in IT Job Ads

1.	SQL
2.	JAVA
3.	Oracle
4.	JavaScript
5.	LINUX
6.	UNIX
7.	Microsoft C#
8.	.NET Programming
9.	Business Process
10.	Extensible Markup Language (XML)

28,655 Chicago IT job postings in Q3 2014, of which 14% do not specify specialized skills.

Top Skill Clusters in IT Job Postings

1.	Software & Programming
2.	Common: Communication & Coordination
3.	Common: Business Environment
4.	Common: Problem Solving
5.	IT: Programming, Development, & Engineering
6.	IT: Databases & Data Warehousing
7.	Common Skills: Project & Process Flow Skills
8.	IT: Business Intelligence
9.	IT: Web Design & Technologies
10.	IT: Network Administration & Security

28,655 Chicago IT job postings in Q3 2014, of which 15% do not specify skill clusters.

Top Titles Cited in IT Job Postings – Chicago Q3 2014

Top Job Titles Listed in IT Job Postings

1.	Software Engineer
2.	Java Software Developer
3.	Network Engineer
4.	.Net Developer
5.	Systems Engineer
6.	Solutions Architect
7.	Business Analyst
8.	Applications Engineer
9.	Data Analyst
10.	Web Developer

28,655 Chicago IT job postings in Q3 2014.

Top Job Titles in IT Support and Network Administration & Security Skill Clusters

1.	Network Engineer
2.	Systems Engineer
3.	Software Engineer
4.	Java Software Developer
5.	Systems Administrator
6.	Geek Squad Agent
7.	Network Administrator
8.	Security Engineer
9.	Solutions Architect
10.	Systems Analyst

7,711 Chicago IT job postings in Q3 2014 within the IT: Support (3,143) and/or IT: Network Admin. & Security (5,868) skill clusters.

Other CompTIA Market Research Reports:

▪ County level for Q3 2014

- Local IT employers list citing ALL IT employers w/ >10 postings (County Top IT Employers Q3 2014 Report)
- IT Jobs Salary Data Report, e.g.
 - US
 - IL
 - Chicago
 - DuPage

▪ MSA level for Q3 2014

- Comprehensive list of specific IT Skills posted, e.g. LINUX, Web development (MSA level Top Skills Q3 2014 Report—tab 1)
- Comprehensive list of Skill Clusters posted, e.g. programming skills, Network Administration (MSA level Top Skills Q3 2014 Report—tab 2)
- MSA level Top Titles Q3 2014 Report

Additional Burning Glass Reports and Software Tools

- More LMI information & reports not available from CompTIA
- Caseworker and participant tools and resources:
 - Burning Glass Focus/Career Suite to provide job seeker assistance with:
 - Resume building/enhancement
 - Job skills matching
 - Skills gaps analysis
 - Certification & Career Options
 - Burning Glass Focus/Assist Suite to provide Case Worker assistance with:
 - Automated activity generation
 - Record notes & activities
 - Seeker & job order triage
 - Request & approval queues
 - List & broadcast management
 - Other reports and labor market data & insights

And even more tools and resources....

- CompTIA's IT Certification "Roadmap" that aligns credentials with job roles across a career ladder for in-demand job categories, e.g. networking, security, or computer user support.
http://certification.comptia.org/ExploreCareers/careerpaths/career_roadmap.aspx
- O*Net IT Job Role Descriptions link:
<http://www.onetonline.org/find/career?c=11&g=Go>
- Technical aptitude assessment to determine if an individual has the aptitude to pursue an IT career as a technician or entry level programmer
- Indeed's Job Locator Tool link:
<http://www.indeed.com/jobs?q=computer+support+specialist&l=Chicago>
- CompTIA CertMaster for accelerated learning for CompTIA's entry-level certifications: <http://certification.comptia.org/Training/certmaster>

Implementation Timeline

▪ CompTIA

- October
 - Grant contract signed
 - JD-NEG Program Mgrs. hired
 - Burning Glass sub-contract signed
- November/December
 - Burning Glass product set training
 - CompTIA implementation of BG products
 - Ongoing support provided by CompTIA Program Mgrs.
- By January full Program implementation under way

▪ Partners

- October
 - Review CompTIA LMI reports
 - Begin local employer research & outreach
- November/December
 - Begin to source long-term unemployed candidates
 - Participate in BG training & implement BG products
- By January full Program implementation under way