

NEVADA REAL-TIME LABOR MARKET INFORMATION



Information Technology Sector 12-Months Ending September 2017





Executive Summary

- ❑ From October 2016 – September 2017, there were 7,850 online job postings in Nevada’s business information technology sector.
 - ❑ The most recent employment numbers from the QCEW program (2016:IIQ through 2017:IQ) show an increase of 3,222 jobs over-the-year. In contrast, over the same period, there were 8,010 online job postings.
- ❑ Information technology weekly wages in Nevada averaged \$890 in 2016.
- ❑ The industries with the largest volume of online job ads were: business support services, computer systems design and related services, and employment services.
 - ❑ Business support services came in at 5,110 ads from October 2016 – September 2017.
 - ❑ Using the most recent data from QCEW, there was a year-over-year increase of 2,658 jobs in the business support services industry.
- ❑ During the last 12 months, ending in September, there were 4,140 full-time postings (91.9% of the total) and 363 part-time postings. The Current Population Survey data shows that 76.4% of current employment in all Nevada’s industries is full-time.





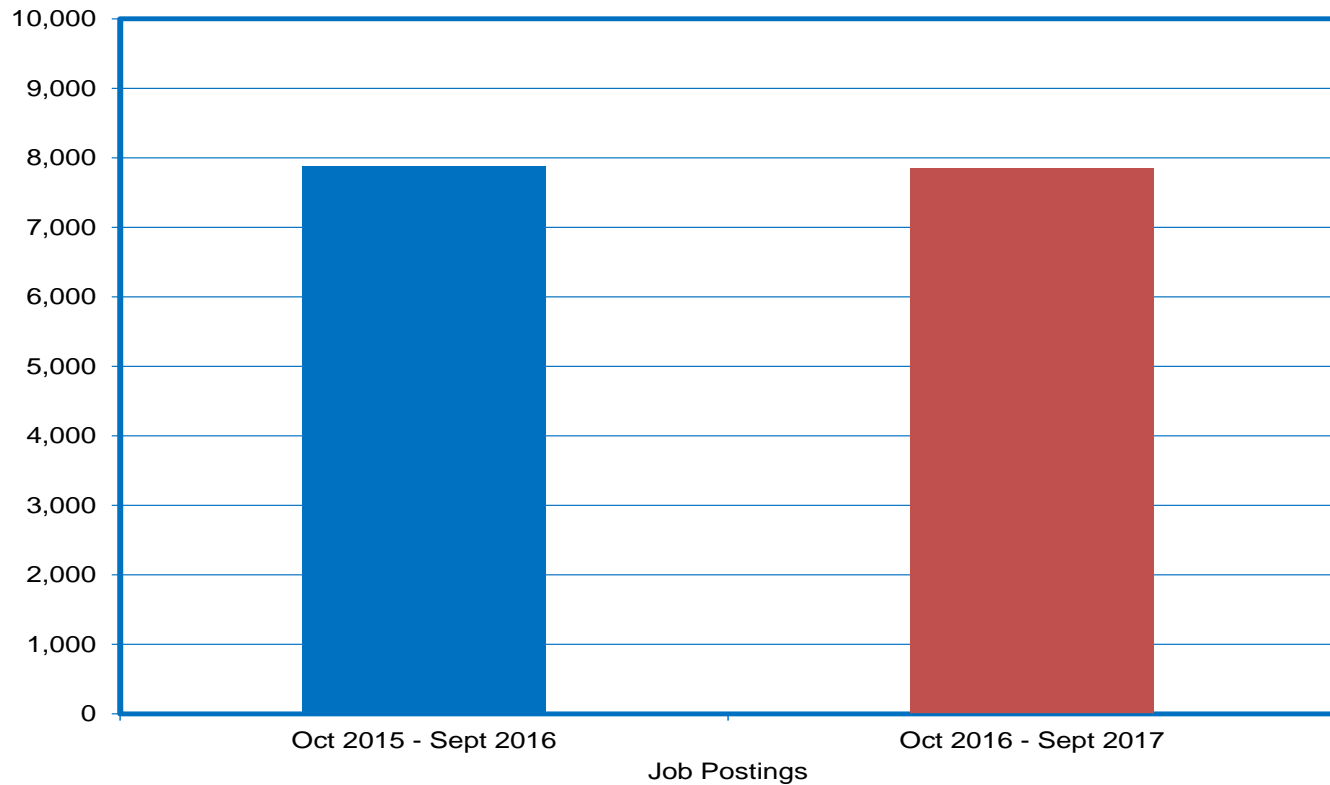
Executive Summary Continued

- ❑ The specialized skills with the largest volume of job ads were: customer service, sales, and Microsoft Excel.
- ❑ The baseline skills with the largest volume of job postings were: communication skills, writing, and computer skills.
- ❑ The occupations with the largest volume of job ads were: customer service representatives, sales representatives (wholesale and manufacturing), and retail salespersons.
 - ❑ Customer service representatives came in at 1,898 ads from October 2016 – September 2017.
 - ❑ Employment data from Emsi show there were 8,586 customer service representative jobs reported in 2016.
- ❑ The employer with the most online job postings was Cox Communications, with 184 ads.
- ❑ There are significant limitations in the use of online job postings. For a list of these limitations see last page of this report.



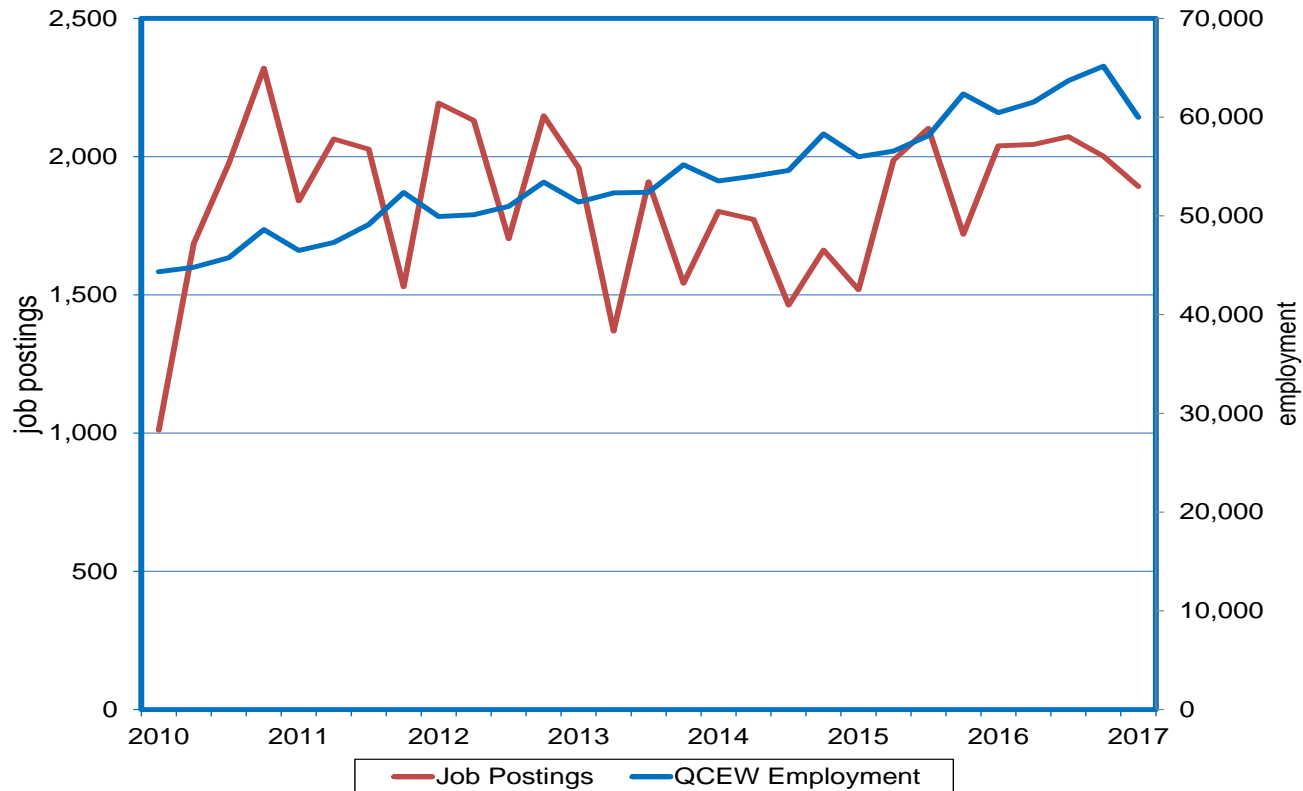
7,850 Total Jobs Ads from October 2016 – September 2017

Burning Glass job postings



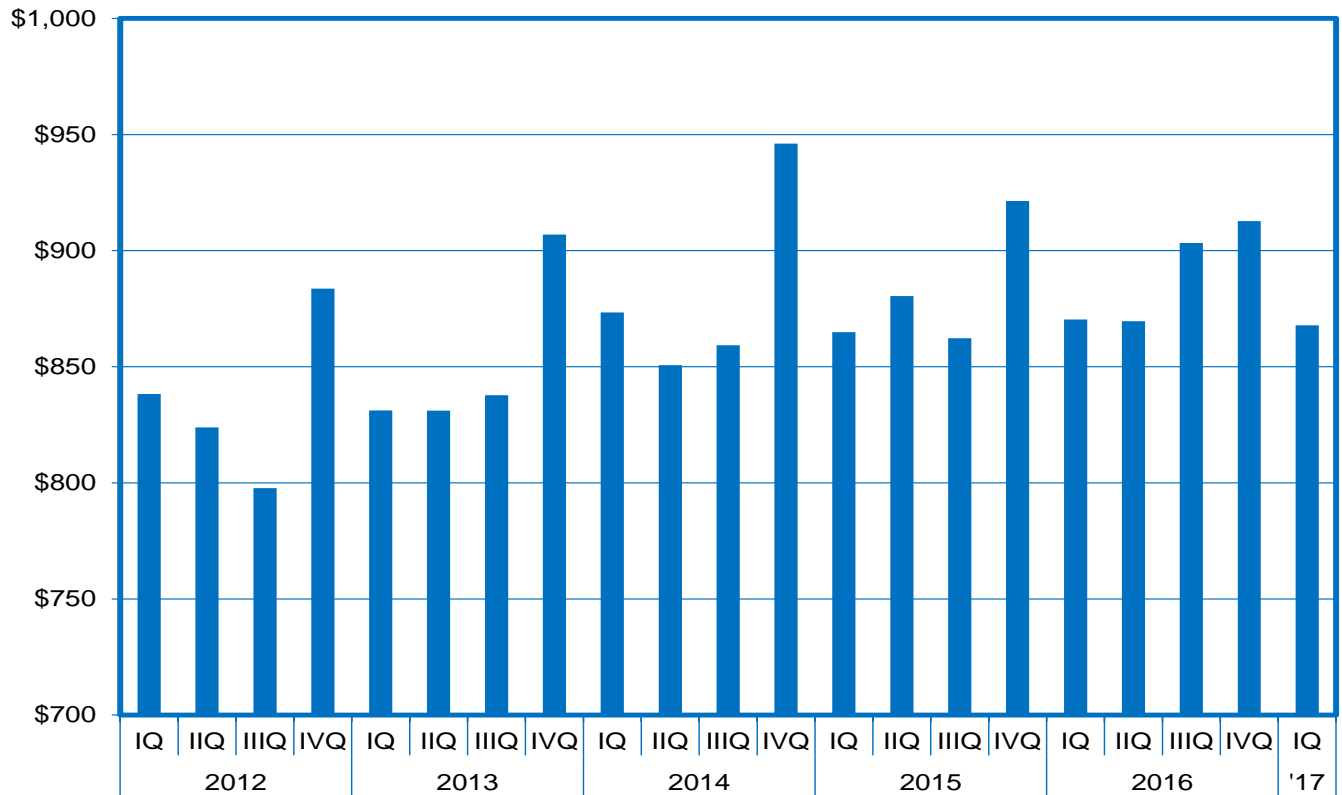
3,222 Jobs Added in 2017:IQ (4-Qtr Average); 8,010 Online Job Postings During Same Period

QCEW employment data vs. Burning Glass job postings



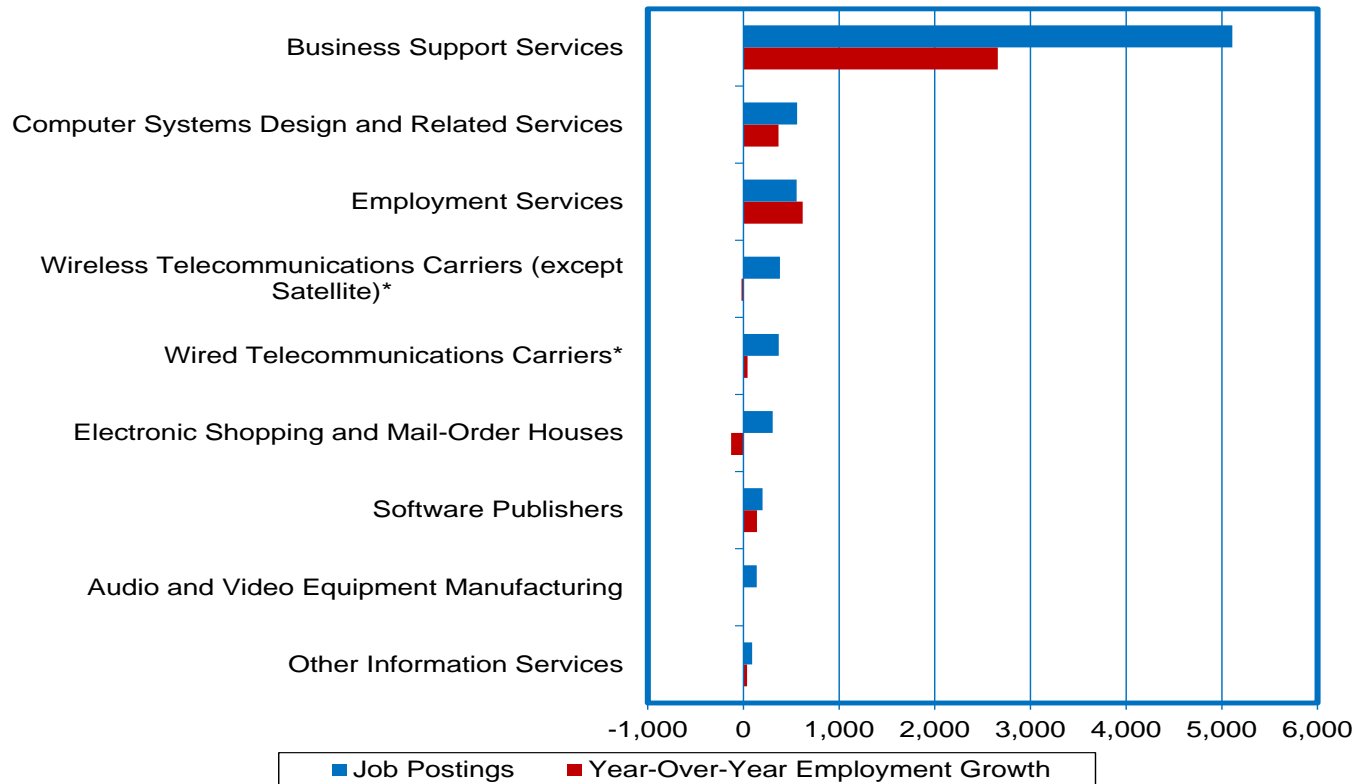
Average Weekly Wage of \$890 in 2016

Quarterly Census of Employment and Wages data



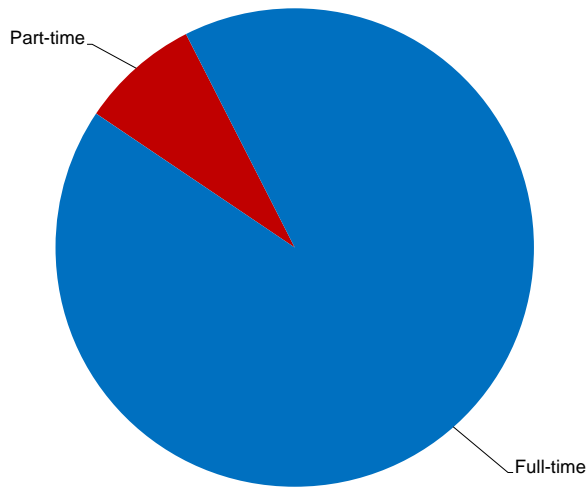
5,110 Business Support Services Job Postings; Meanwhile, Business Support Services Added 2,658 Jobs During 2016:IIQ through 2017:IQ

top industries; Burning Glass jobs postings vs. QCEW employment data

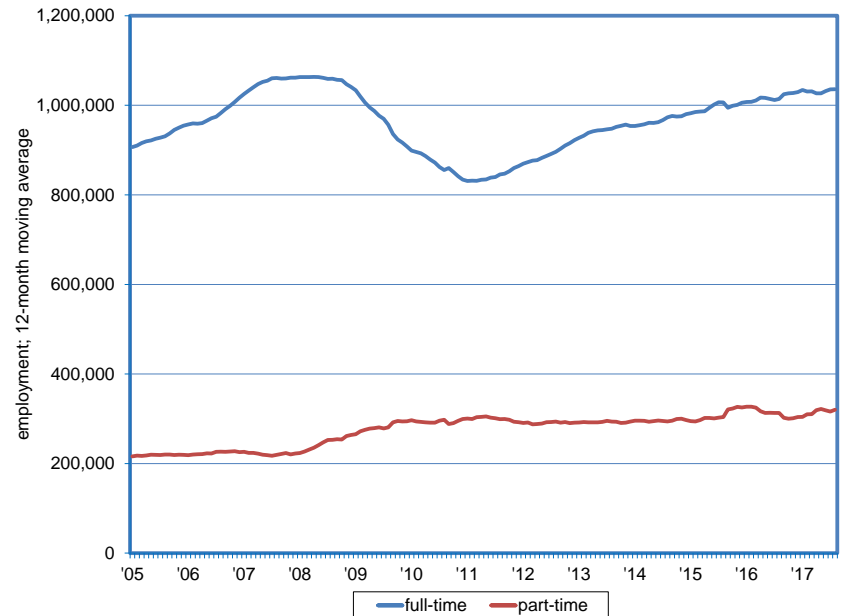


4,140 Full-Time Ads, 363 Part-Time Ads: Meanwhile, 76% of Employment is Full-Time in August

full-time and part-time job postings; Burning Glass data vs. Current Population Survey data



Burning Glass
(Business IT Ecosystems)



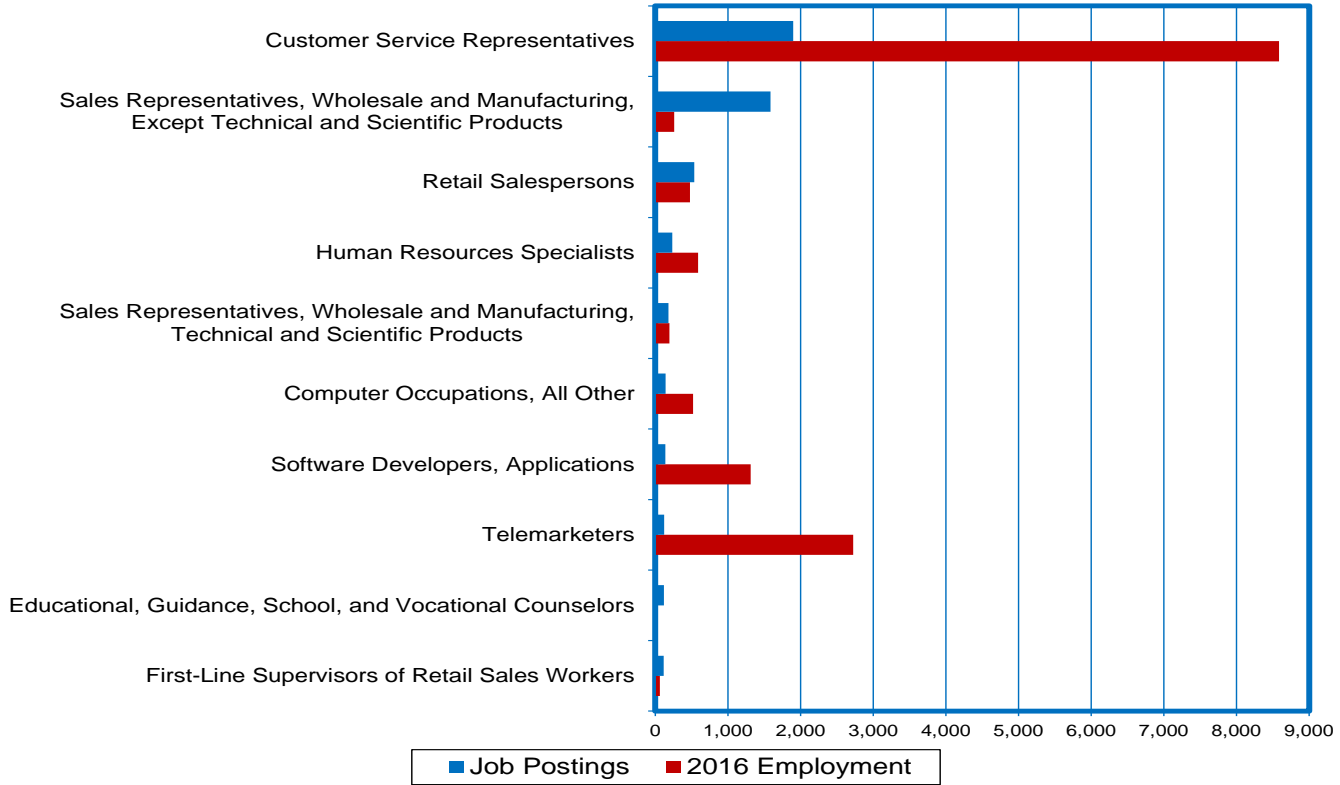
Current Population Survey
(Includes all industries)

57.4% of job postings specified whether the position was full-time or part-time



1,898 Job Posts for Customer Service Representatives; Meanwhile, Employment registered at 8,586 in 2016

top occupations in demand; Burning Glass data vs. Emsi employment data

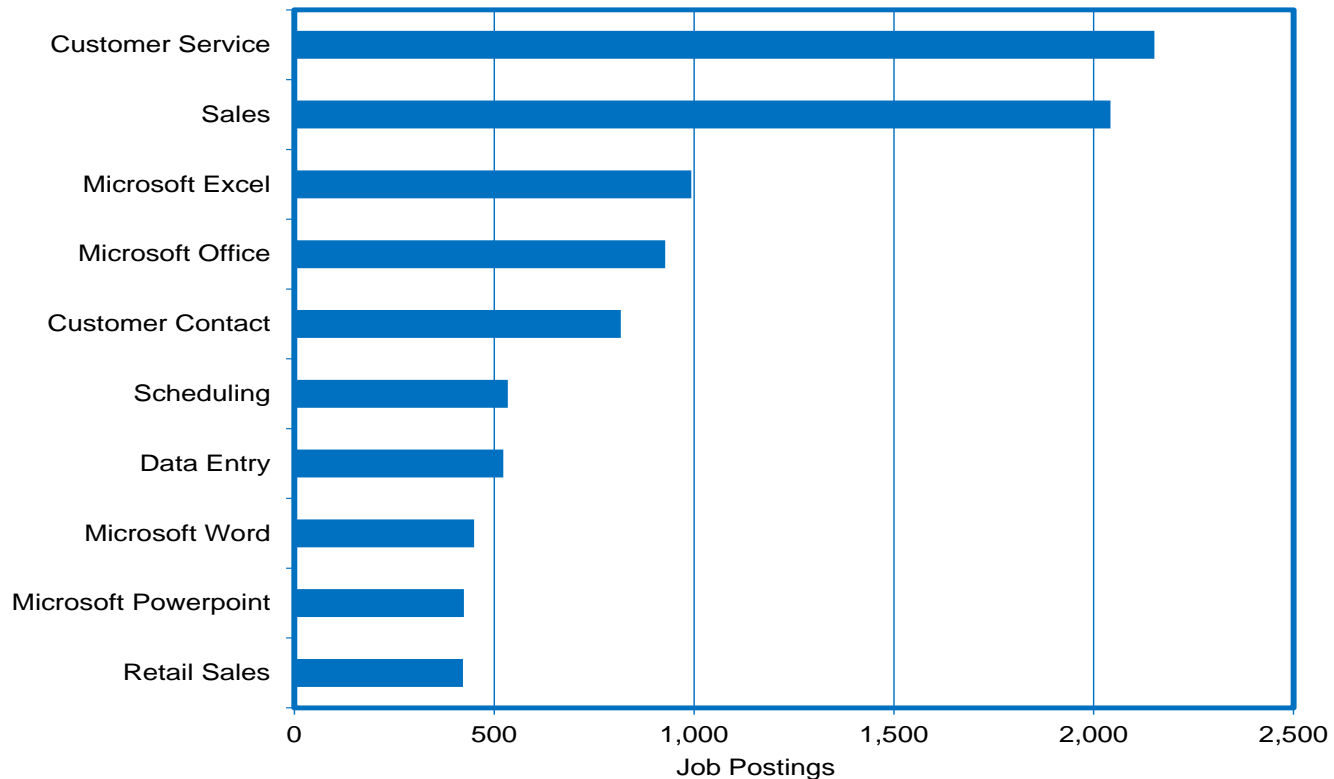


97.4% of job postings specified an occupation



Customer Service Skills Requested in 2,152 Job Ads

top specialized skills in job postings; Burning Glass

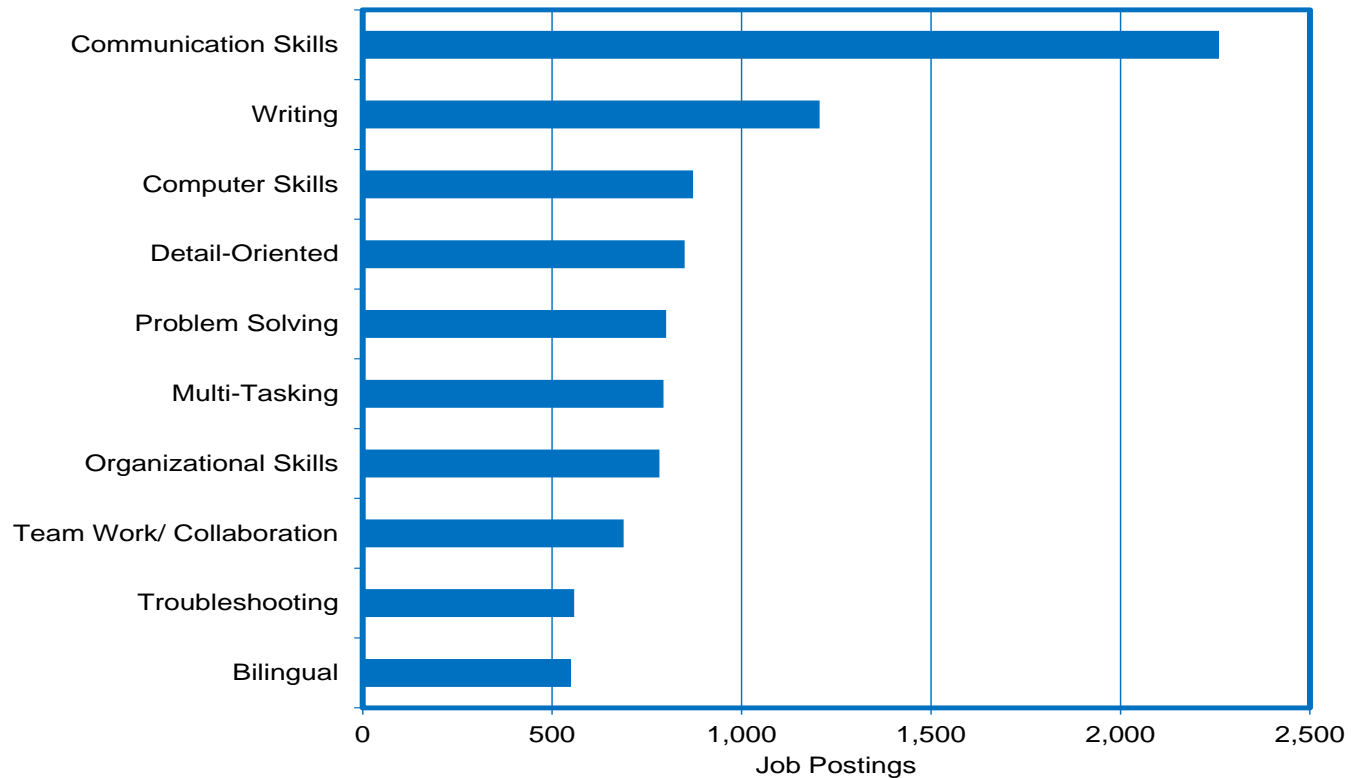


75.2% of job postings specified specialized skills information



Communication Skills Requested in 2,260 Job Ads

top baseline skills in job postings; Burning Glass

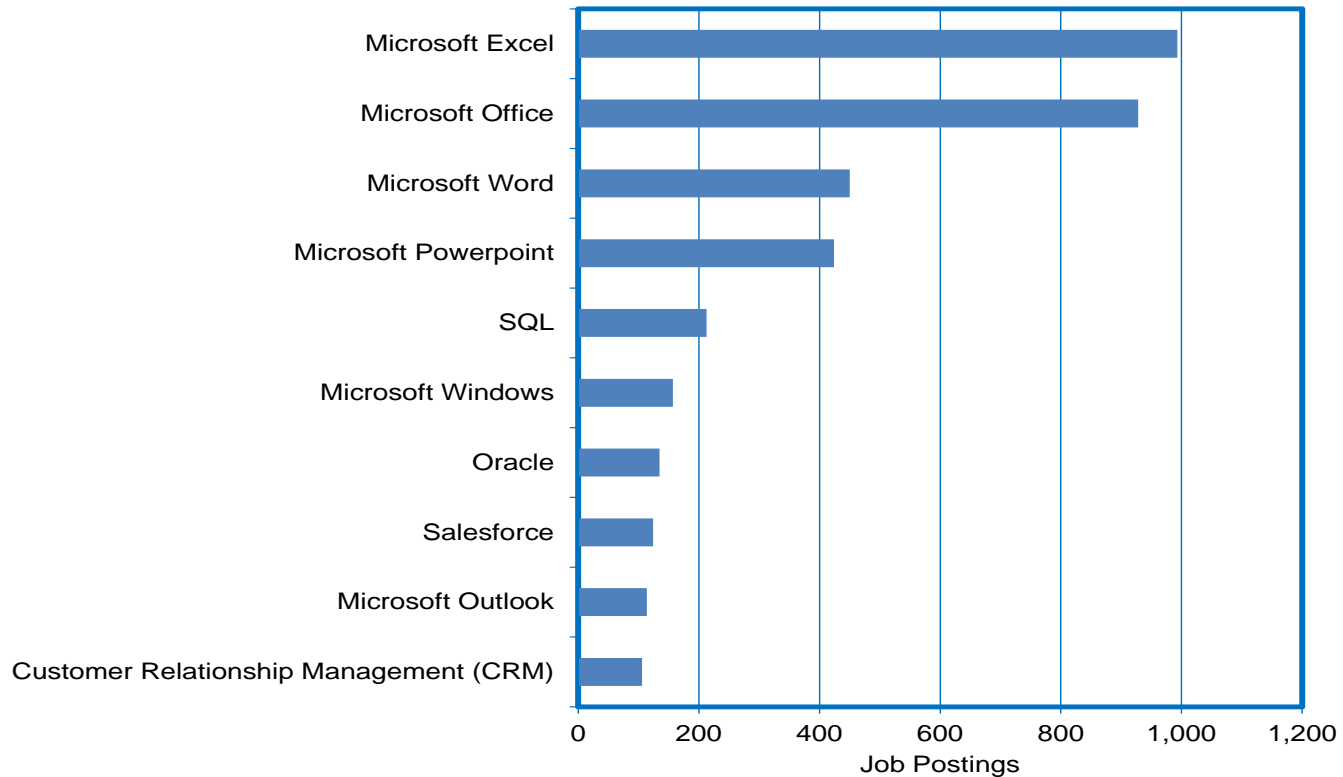


75.2% of job postings specified baseline skills information



Microsoft Excel Skills Requested in 993 Job Ads

top software skills in job postings; Burning Glass

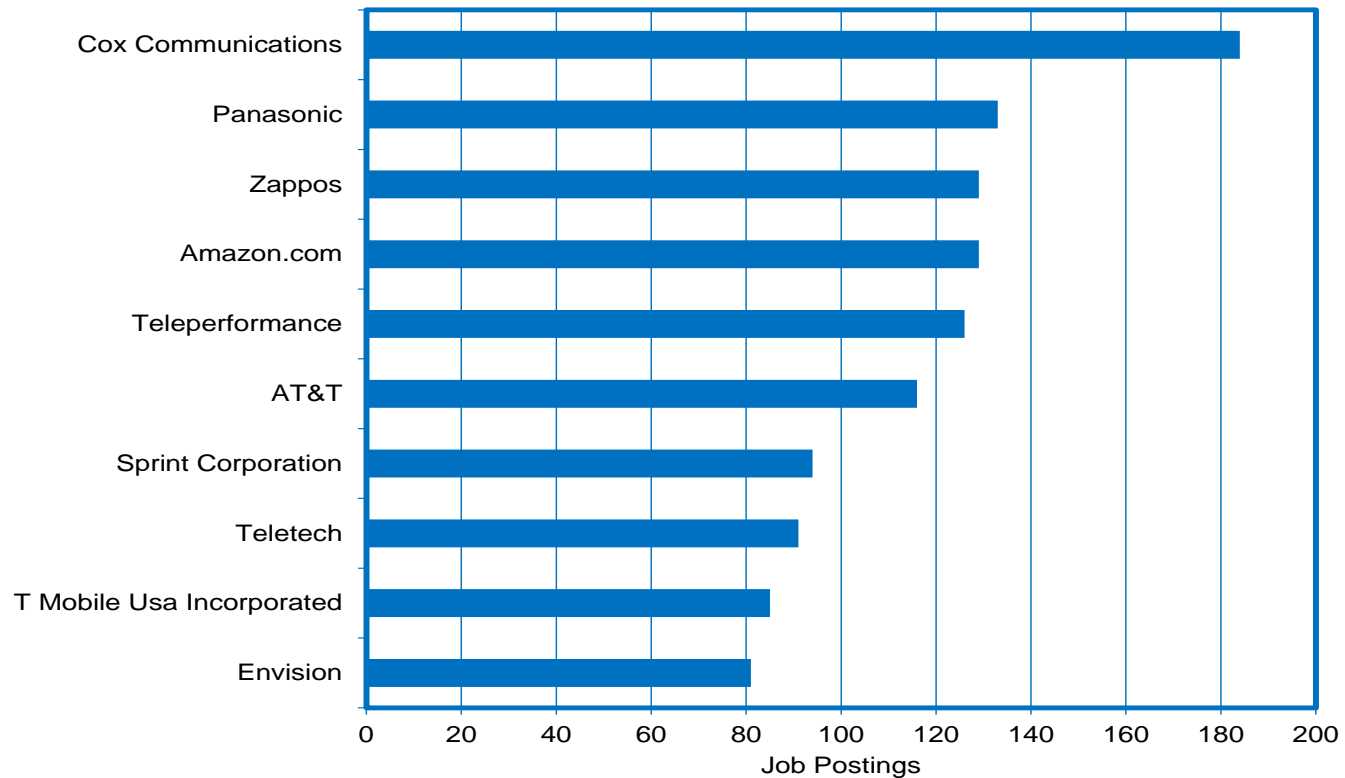


75.2% of job postings specified software skills information



Cox Communications posted 184 Ads in 12 Months Ending in September

top employers; Burning Glass data



43.8% of job postings specified an employer





Limitations

- ❑ Jobs requiring low skills/low wages tend to use alternative methods of attracting job seekers and are under represented in online ads.
- ❑ Internal company hiring and union hiring are often not captured by online ads.
- ❑ Online job posting volume does not necessarily correlate with the level of job openings or hiring.
- ❑ The percentage of job postings that specify a certification is small limiting how representative the data is.
- ❑ Algorithmic ad parsing can lead to miscoding occupations and skills due to similarities between abbreviations and other letter combinations, etc.
- ❑ In online job postings Burning Glass reports licenses and certifications together.
- ❑ The mean salary data in job postings reflects the salary listed by employers in job postings, adjusted to be equivalent to a full-time, annual wage. If a salary range is specified, the median of the range used.
- ❑ High ad volume often occurs for occupations/industries that are having difficulty finding qualified candidates, high turnover positions/recurring openings, or when companies are building large candidate pools.
- ❑ Online job postings should only be used with caution when developing/analyzing time series trends due to the constant changes in the rate of online advertising usage and in the methods used for collecting the data.



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Silver State Solutions is Nevada's employment, career, and education resource. Powered by Burning Glass Technologies, it provides career guidance, a real-time job bank and personalized employment matching for jobseekers and offers a searchable workforce database for businesses looking for qualified candidates. Within Solutions' suite of tools is the Labor Insight application, which generates real-time labor market information via current assessments of online job posting activity.

