NEVADA REAL-TIME LABOR MARKET INFORMATION

Manufacturing Sector
12-Months Ending September 2017

Executive Summary

❑ From October 2016 to September 2017, there were 9,240 online job postings in Nevada's manufacturing sector.

    ❑ The most recent employment numbers from the QCEW program (year ending 2017:IQ) show an increase of 1,700 jobs over-the-year. In contrast, over the same period, there were 8,800 online job postings.

❑ During the last 12 months ending in September, there were 5,300 full-time job postings (93.1% of the total) and 400 part-time job postings. The Current Population Survey data shows that 76.6% of current employment in all Nevada's industries is full-time.

❑ Year ending 2017:IQ, manufacturing weekly wages in Nevada averaged $1,070.

❑ The industries with the largest volume of online job ads were: aerospace product/parts manufacturing, motor vehicle manufacturing, and gaming equipment manufacturing.

    ❑ Aerospace product/parts manufacturing came in at 520 ads from October 2016 to September 2017.

    ❑ Using the most recent data from QCEW (year ending 2017:IQ), there was a year-over-year decrease of 18 jobs in aerospace product/parts manufacturing industry.
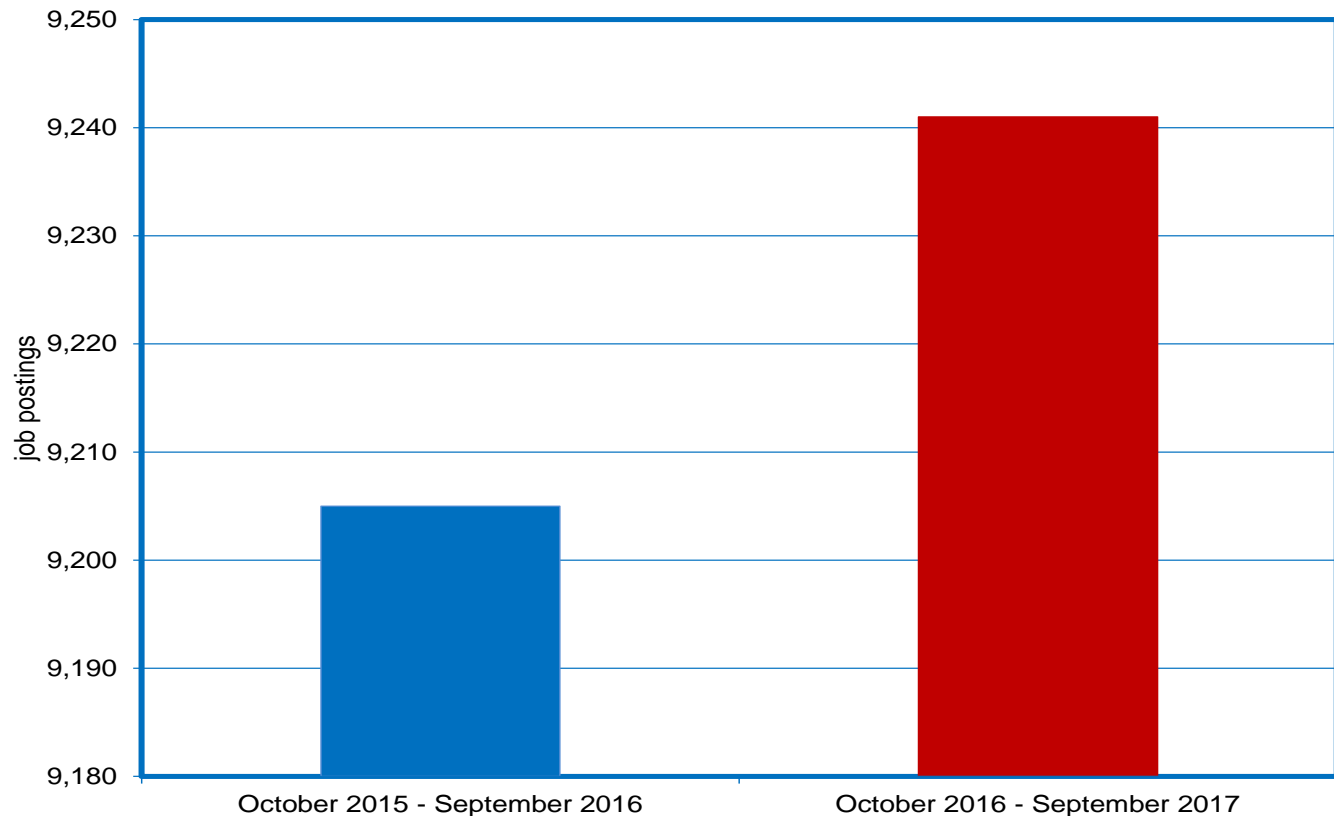
Executive Summary Continued

❑ The occupations with the largest volume of job ads were: sales representatives for wholesale and manufacturing/except technical/scientific products, general maintenance /repair workers, and hand laborers for freight/stock/material movers.

    ❑ Sales representatives came in at 530 ads from October 2016 to September 2017.

    ❑ The most recent data from Occupations Employment Statistics (OES) shows there were 1,040 wholesale/manufacturing sales representatives (except technical/scientific products) jobs reported in 2016.

❑ The specialized skills with the largest volume of job ads were: Microsoft Excel, repair and Microsoft Office.

❑ The baseline skills with the largest volume of job postings were: communication skills, writing skills, and organizational skills.

❑ The employer with the most online job postings was General Electric with 450 ads.

❑ There are significant limitations in the use of online job postings. For a list of these limitations see last page of this report.
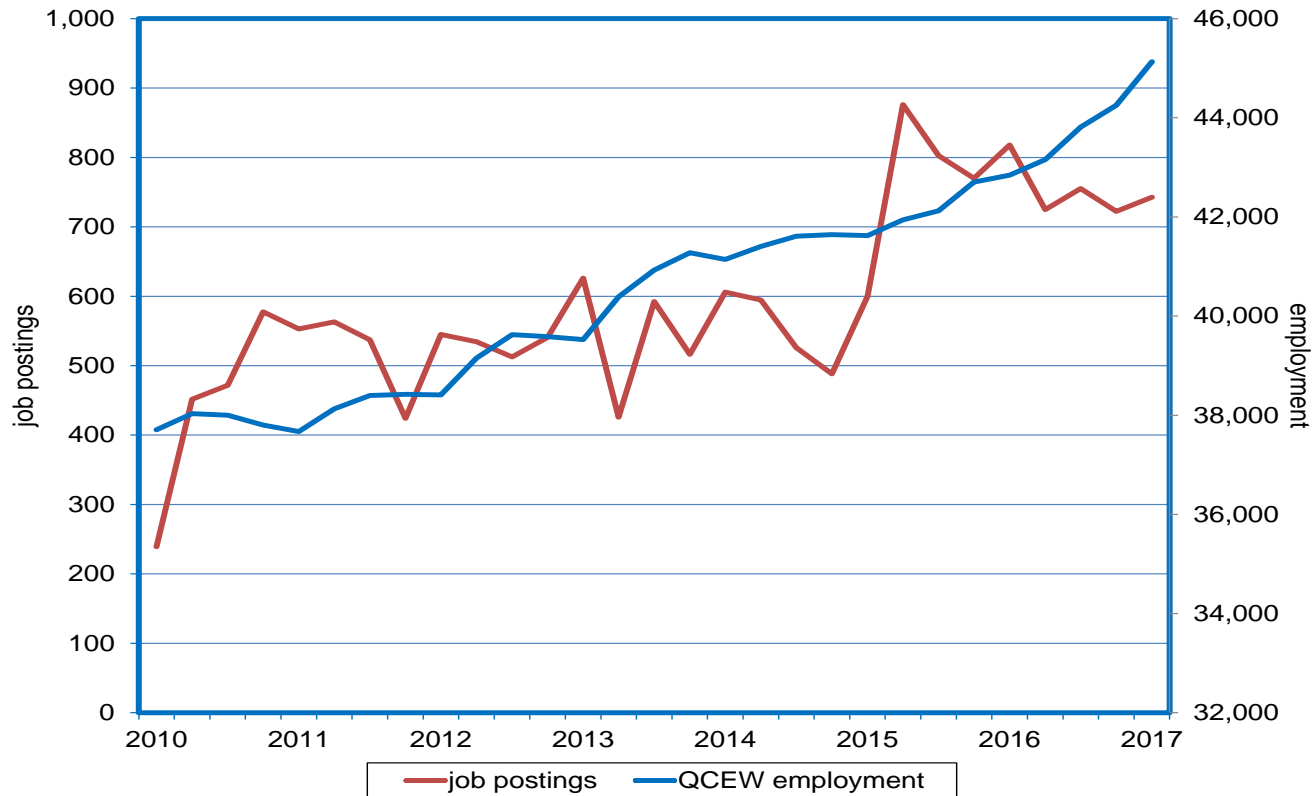
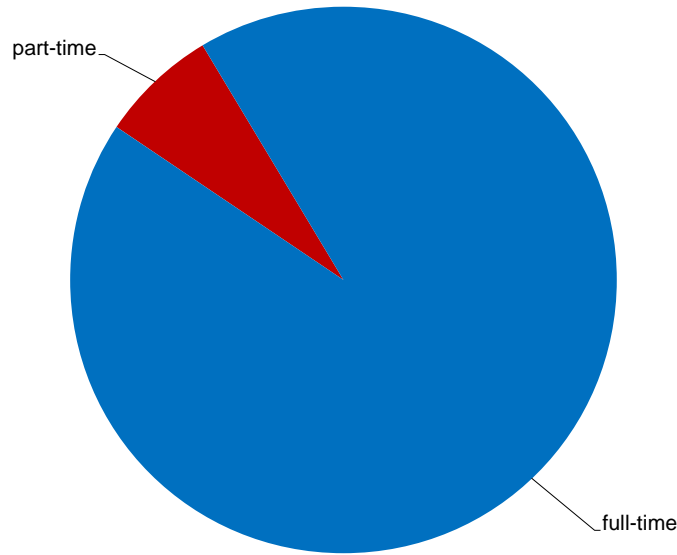# 9,200 Total Jobs Ads from October 2016 – September 2017

Job Postings

1,700 Jobs Added in 2017:IQ (Y-O-Y); 8,800 Online Job Postings During Same Period
QCEW Employment Data vs. Silver State Solutions Job Postings

5,400 Full-Time Ads, 400 Part-Time Ads;
Meanwhile, 76.6% of Employment is Full-Time in September

Full-Time and Part-Time Job Postings; Silver State Solutions Data vs Current Population Survey Employment Data

Online Job Ads
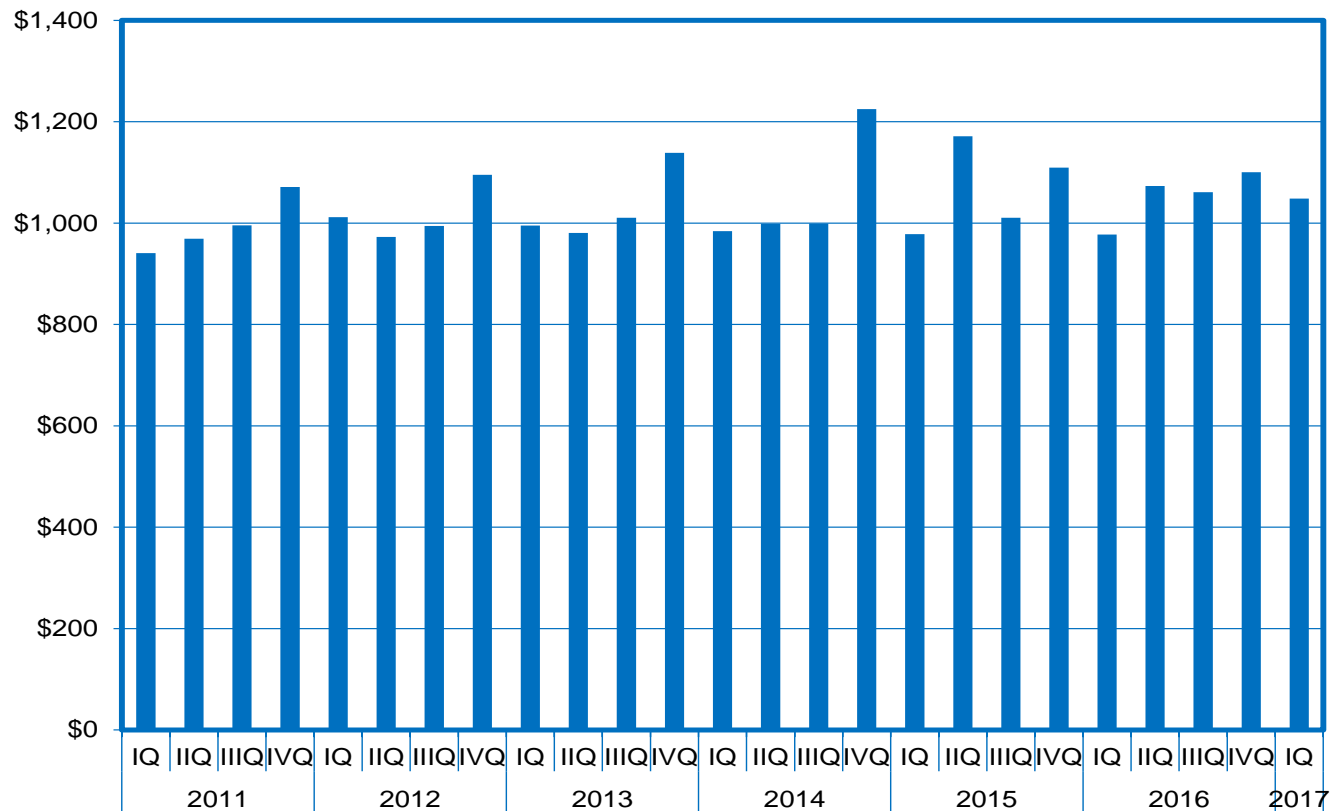(Includes manufacturing industries)

Current Population Survey
(Includes all industries)

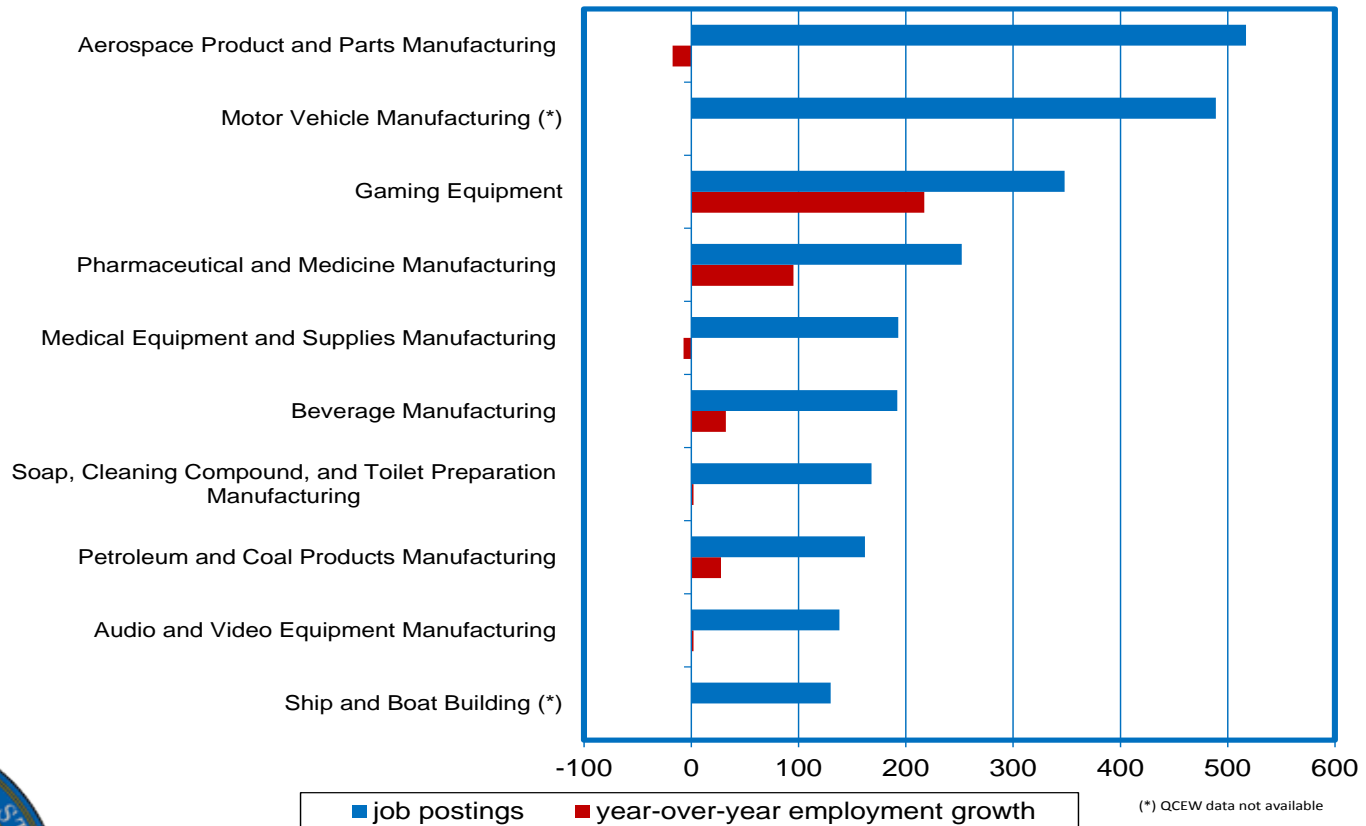*62.6% of job postings specified whether the position was full-time or part-time*

Average Weekly Wage of $1,070 Year ending 2017:IQ
Quarterly Census of Employment and Wages Data

520 Postings in Aerospace product/parts Manufacturing; Meanwhile, Aerospace Manufacturing Lost 18 Jobs in Year Ending 2017:IQ (Y-O-Y)

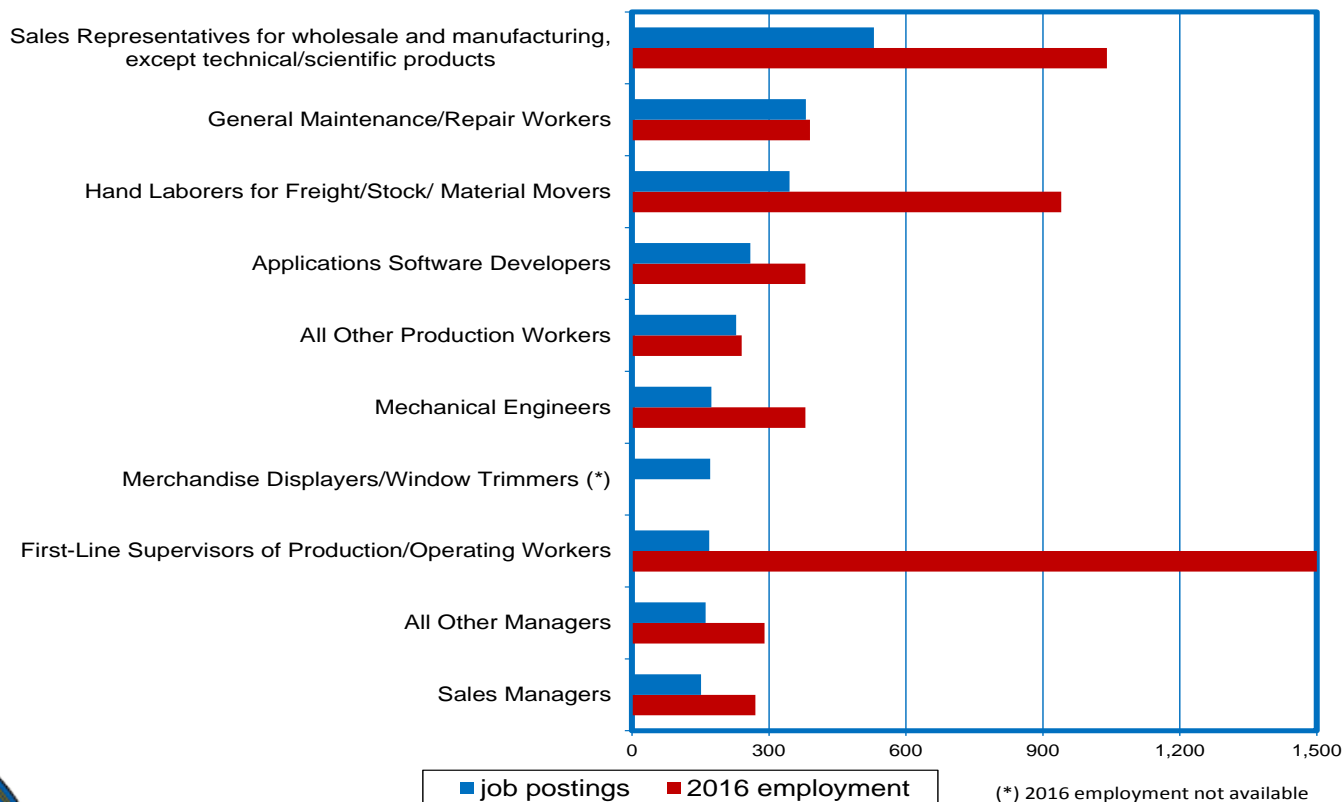## Largest Industries; QCEW Employment Data vs Silver State Solutions Job Postings

44.6% of job postings specified an industry

530 Wholesale/Manufacturing Sales Representative Job Ads; Meanwhile, Employment registered at 1,040 in 2016
Top Occupations in Demand; Silver State Solutions Data vs OES Employment Data
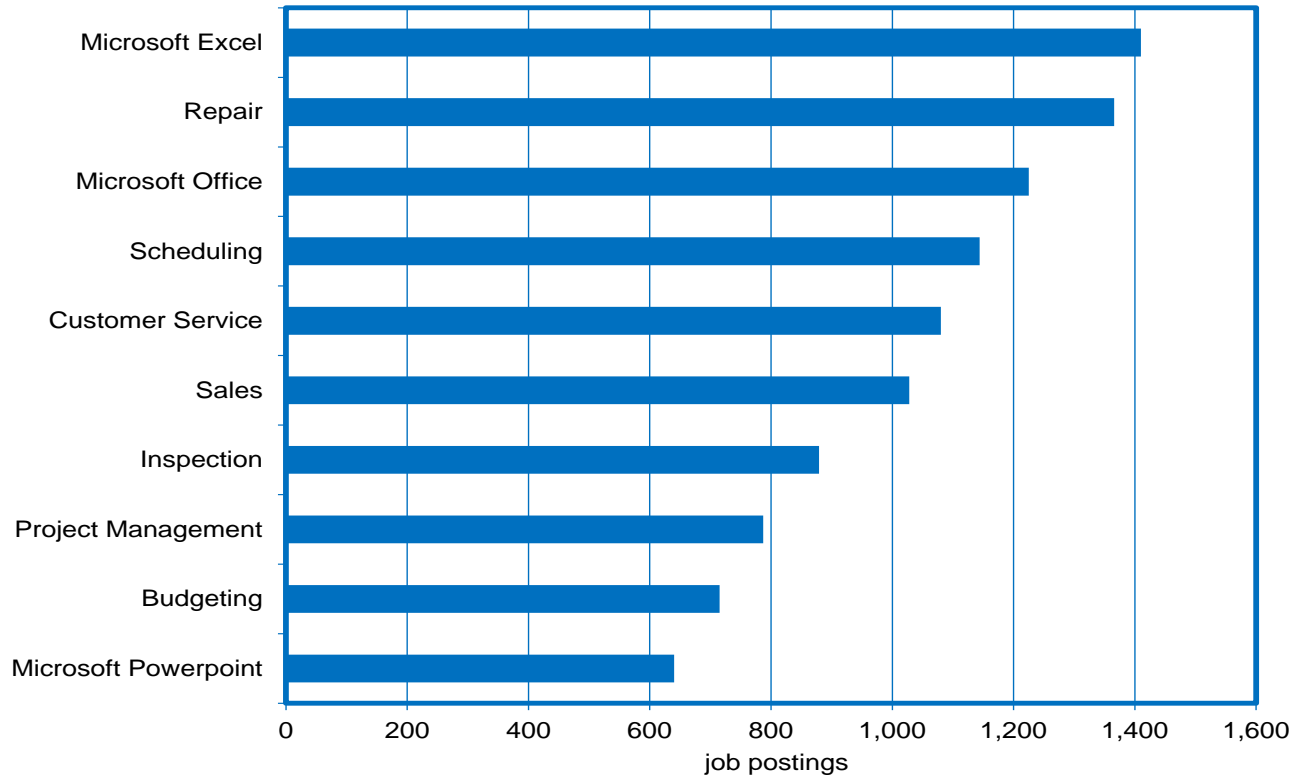

95.9% of job postings specified an occupation

Microsoft Excel Skills requested in 1,400 Job Ads
Most Requested Specialized Skills; Silver State Solutions Data
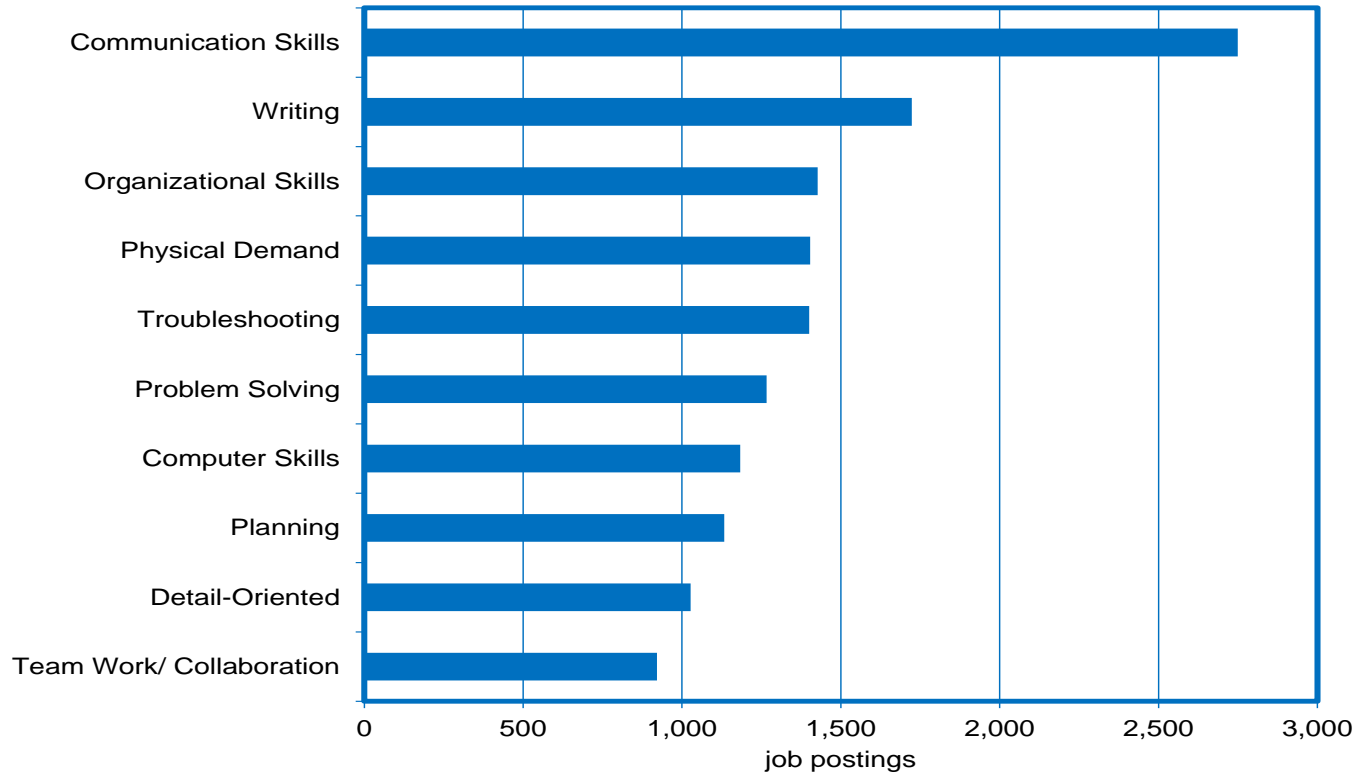

85.4% of job postings specified specialized skills information

Communication Skills requested in 2,750 Job Ads
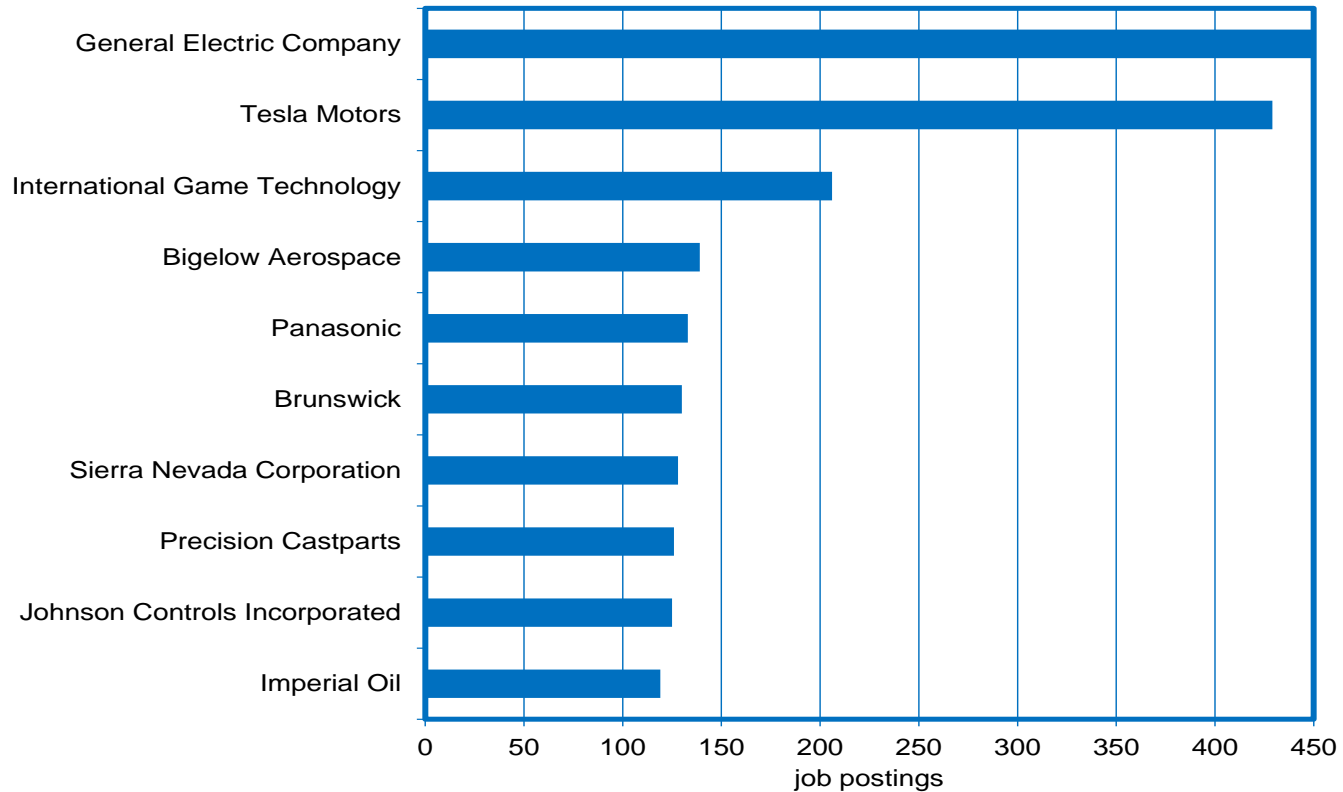## Most Requested Baseline Skills; Silver State Solutions Data

85.4% of job postings specified baseline skills information

General Electric posted 450 Ads
Top Employers; Silver State Solutions Data

Horizontal bar chart showing job postings by employer:

Employer	Job postings (approx.)
General Electric Company	450
Tesla Motors	425
International Game Technology	205
Bigelow Aerospace	140
Panasonic	135
Brunswick	130
Sierra Nevada Corporation	130
Precision Castparts	125
Johnson Controls Incorporated	125
Imperial Oil	120

x-axis: job postings (0, 50, 100, 150, 200, 250, 300, 350, 400, 450)

71.2% 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.

For Additional Information, Please Contact

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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.