Nevada Labor Market Briefing: December 2015

Department of Employment, Training & Rehabilitation

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Prepared by the Research and Analysis Bureau for Presentation to the Advisory Council on STEM
Unemp Rate=6.4%; Trending Down for 5 Yrs;
Average Rate for 2015=6.8% vs 7.8% in 2014

NV vs. the U.S. Unemployment Rate (SA)
Initial Claims @ 12,900/Mo. in 2015, Down 11.6%; Lowest Annual Reading Since 2006

Initial Claims for Unemployment Insurance
Underlying Trend Still Points to Positive Job Growth; Jobs Up 37,500 for all of 2015

Nonfarm Jobs in Nevada (SA)
Underlying Trend Still Points to Positive Job Growth

Nonfarm Jobs in Nevada (SA)
Job Growth Eased at Year-End; Annual Revisions Likely to Tell a More Positive Story

Job Growth (SA; year-over-year)
Nearly 100K New Private Sector Jobs Over 2010-2014; 2015 Brought Nearly 40K More

Nevada Job Growth Since 2010

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (Private+Public)</th>
<th>Private Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 Baseline</td>
<td>1,117,800</td>
<td>964,000</td>
</tr>
</tbody>
</table>

Calculation of 2011 Growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (Private+Public)</th>
<th>Private Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>1,125,700</td>
<td>975,500</td>
</tr>
<tr>
<td>Growth from 2010</td>
<td>7,900</td>
<td>11,500</td>
</tr>
</tbody>
</table>

Calculation of 2012 Growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (Private+Public)</th>
<th>Private Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>1,144,800</td>
<td>995,500</td>
</tr>
<tr>
<td>Growth from 2011</td>
<td>19,100</td>
<td>20,000</td>
</tr>
</tbody>
</table>

Calculation of 2013 Growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (Private+Public)</th>
<th>Private Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>1,174,300</td>
<td>1,023,300</td>
</tr>
<tr>
<td>Growth from 2012</td>
<td>29,500</td>
<td>27,800</td>
</tr>
</tbody>
</table>

Calculation of 2014 Growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (Private+Public)</th>
<th>Private Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>1,215,300</td>
<td>1,063,000</td>
</tr>
<tr>
<td>Growth from 2013</td>
<td>41,000</td>
<td>39,700</td>
</tr>
</tbody>
</table>

Calculation of 2015 Growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (Private+Public)</th>
<th>Private Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>1,252,800</td>
<td>1,098,700</td>
</tr>
<tr>
<td>Growth from 2014</td>
<td>37,500</td>
<td>35,700</td>
</tr>
</tbody>
</table>

Expansions at Existing Establishments Account for Bulk of Job Gains

Private Sector Job Gains by Source; Bus. Employment Dynamics (Seas. Adj.)

- Gross job gains--total
- Gross job gains--expansions
- Gross job gains--openings
Contractions at Existing Establishments Account for Bulk of Job Losses

Private Sector Job Gains by Source; Bus. Employment Dynamics (Seas. Adj.)
NV Job Growth Exceeds Nation in 41 Straight Months; 2% vs. 1.9% in December

Job Growth (year-over-year)

-12% -10% -8% -6% -4% -2% 0% 2% 4% 6% 8%

'06 '07 '08 '09 '10 '11 '12 '13 '14 '15

Nevada U.S.
Silver State Job Growth #3 in the Nation

Job Growth Rankings (# of states with slower private sector job growth than NV; 2015 YTD through IIQ)

The Nevada Department of Employment, Training and Rehabilitation is a proactive workforce & rehabilitation agency.
Small Biz Jobs Above 580K for First Time Since 2007; 70K Jobs Added in Recovery

Employment in Establishments with less than 100 Workers

- 450,000
- 470,000
- 490,000
- 510,000
- 530,000
- 550,000
- 570,000
- 590,000
- 610,000

'05 '06 '07 '08 '09 '10 '11 '12 '13 '14 '15
Job Levels Exceed Pre-Recession Peak by 97K at Year-End 2017

Total Jobs: History and Forecast

<table>
<thead>
<tr>
<th>Year</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>'01</td>
<td>1,000,000</td>
</tr>
<tr>
<td>'02</td>
<td>1,050,000</td>
</tr>
<tr>
<td>'03</td>
<td>1,100,000</td>
</tr>
<tr>
<td>'04</td>
<td>1,150,000</td>
</tr>
<tr>
<td>'05</td>
<td>1,200,000</td>
</tr>
<tr>
<td>'06</td>
<td>1,250,000</td>
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<tr>
<td>'07</td>
<td>1,300,000</td>
</tr>
<tr>
<td>'08</td>
<td>1,350,000</td>
</tr>
<tr>
<td>'09</td>
<td>1,400,000</td>
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<tr>
<td>'10</td>
<td>1,450,000</td>
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<tr>
<td>'11</td>
<td>1,500,000</td>
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<tr>
<td>'12</td>
<td>1,550,000</td>
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<tr>
<td>'13</td>
<td>1,600,000</td>
</tr>
<tr>
<td>'14</td>
<td>1,650,000</td>
</tr>
<tr>
<td>'15</td>
<td>1,700,000</td>
</tr>
<tr>
<td>'16</td>
<td>1,750,000</td>
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<tr>
<td>'17</td>
<td>1,800,000</td>
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</tbody>
</table>
40-45% of NSHE Grads Typically Employed in NV Shortly After Graduation; Salaries Up

% Employed in NV 2-5 Qtrs. Following Graduation (NPWR Research Tool)
Handouts and Discussion
23K STEM Job Ads in 2015 (Non-Healthcare) Job Postings
The Nevada Department of Employment, Training and Rehabilitation is a proactive workforce & rehabilitation agency.

3,100 Jobs for Applications Software Developers

**Top Occupations in Demand**

100% of job postings specified an occupation.
CPA Certification Requested in 900 Ads
Top Certifications in Demand

19% of job postings requested a specific certification
2,000 Ads Require Computer Science

Programs of Study

- Computer Science
- Accounting
- Engineering
- Business Administration And Management, General
- Management Information Systems, General
- Computer Engineering
- Mechanical Engineering
- Electrical And Electronic Engineering Technologies/Technicians, Other
- Public Administration
- Mathematics

26% of job postings included a program of study
27K STEM Job Ads in 2015 (Healthcare)

Job Postings

<table>
<thead>
<tr>
<th>Year</th>
<th>Job Postings</th>
<th>12-Month Moving Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012</td>
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<td></td>
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<tr>
<td>2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td></td>
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</table>
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8,600 Jobs for Registered Nurses
Top Occupations in Demand

- Registered Nurses
- Medical and Health Services Managers
- Critical Care Nurses
- Physical Therapists
- Medical Records and Health Information Technicians
- Physicians and Surgeons, All Other
- Nurse Practitioners
- Occupational Therapists
- Licensed Practical and Licensed Vocational Nurses
- Medical and Clinical Laboratory Technicians

100% of job postings specified an occupation
Registered Nurse Certification Requested in 8,900 Ads

Top Certifications in Demand

- Registered Nurse
- Basic Cardiac Life Support Certification
- First Aid Cardiopulmonary Resuscitation (CPR)
- Automated External Defibrillator (AED)
- Advanced Cardiac Life Support (ACLS) Certification
- Nurse Practitioner
- Neonatal Resuscitation
- American Heart Association Certificate
- Acute Care Certification
- Certified Case Manager
- Emergency Medical Technician

54% of job postings requested specific certifications
4,900 Ads Require Nursing Science

Programs of Study in Demand

- Nursing Science
- Physical Therapy/Therapist
- Medicine
- Occupational Therapy/Therapist
- Osteopathic Medicine/Osteopathy
- Business Administration And Management, General
- Biology/Biological Sciences, General
- Health Services/Allied Health/Health Sciences, General
- Public Health
- Radiologic Technology/Science - Radiographer

24% of job postings included a program of study
For Additional Information, Please Contact:

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