Economic Development in Nevada’s Changing Economy
April 13, 2022
Nevada’s Plan for Recovery and Resilience

GOED Vision: A Diverse, Innovative, Sustainable and Resilient Economy

SRI mapped Nevada’s assets and identified state-wide strengths and weaknesses in six principal areas:

• Innovation ecosystem
• Economy
  • Diversification of Economic Base
  • Skilled Workforce Attraction/Retention
• Physical Infrastructure
  • Energy, Broadband, Transportation, Housing
• Quality of Life
  • Health, Safety, Education, Recreation
• Governance
  • Institutional Assets, Taxation, Business-Friendly Environment
• Natural Resources
  • Land, Minerals, Water
Economic Overview

• February jobs: 1,434,100

• In April 2020 we lost 333,200 jobs with an unemployment rate of 28.5 percent
• 282,100 of the 333,200 lost jobs were in Clark County (85 percent)
• Service based industries most exposed to the economic downturn
  • Service producing down 24.7 percent vs. goods producing down 8.2 percent
• As of February, we have recovered 95.3 percent or 317,700 of the lost jobs
  • Still down 15,500 total jobs, 32,300 of which are in Accommodations and Food Services; 34,000 in Leisure and Hospitality as a whole.
  • We lost 210,000 Leisure and Hospitality jobs and have regained 176,000 (83.8%)
• February state unemployment rate: 5.1 percent
  • Las Vegas unemployment at 5.3 percent and Reno at 2.8 percent
• Labor Force Participation Rate now at 59.6 percent
Nevada’s Procyclical Economy

Peak: 1,449,600
February 2020

Current: 434,100

Peak: 1,298,000
March 2007

Trough: 1,112,400
September 2010

185,600 Jobs Lost

337,200 Jobs Added

Trough: 1,105,700
May 2020

344,500 Jobs Lost

329,000 Jobs Added
Nevada’s Procyclical Economy

Jobs Indexed: 2007M1=100

'07 '08 '09 '10 '11 '12 '13 '14 '15 '16 '17 '18 '19 '20 '21 '22

Nevada
U.S.
# Nevada’s Procyclical Economy

## Competitive Environment:

<table>
<thead>
<tr>
<th>Measure of Economic Diversity (Hachman Index)</th>
<th>UT</th>
<th>AZ</th>
<th>CO</th>
<th>NV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most Diverse</td>
<td>95.5</td>
<td>95.9</td>
<td>94.2</td>
<td>73.8</td>
</tr>
<tr>
<td>Most Diverse</td>
<td></td>
<td></td>
<td></td>
<td>Least Diverse</td>
</tr>
<tr>
<td>Diverse</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Least Diverse</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Top Four Targeted Industries for Diversification

- Same

---

**Map:**

- **U.S. = 100**
- **Hachman Index Score**
  - 95.0+ (Most Diverse)
  - 90.0 - 94.9
  - 85.0 - 89.9
  - 75.0 - 84.9
  - <75.0 (Least Diverse)

---

Nevada Governor’s Office of

ECONOMIC DEVELOPMENT
Industry Diversity Index – Nevada Counties

Source: Economic Modeling, LLC (Emsi)
Structural Differences within Nevada’s Economy
Nevada’s Industry Base

Bubble size represents 2021 jobs in each sector

<table>
<thead>
<tr>
<th>Sector</th>
<th>2011 Jobs</th>
<th>2021 Jobs</th>
<th>2021 LQ</th>
<th>Percent Change LQ</th>
<th>Earnings Per Worker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining</td>
<td>14,061</td>
<td>15,024</td>
<td>3.19</td>
<td>44%</td>
<td>$121,600</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>39,613</td>
<td>60,079</td>
<td>0.54</td>
<td>35%</td>
<td>$86,496</td>
</tr>
<tr>
<td>Natural Resource Technologies</td>
<td>47,400</td>
<td>77,247</td>
<td>0.82</td>
<td>32%</td>
<td>$92,590</td>
</tr>
<tr>
<td>Logistics and Operations</td>
<td>65,433</td>
<td>110,010</td>
<td>1.04</td>
<td>31%</td>
<td>$73,241</td>
</tr>
<tr>
<td>Aerospace and Defense</td>
<td>13,530</td>
<td>18,021</td>
<td>0.83</td>
<td>12%</td>
<td>$112,407</td>
</tr>
<tr>
<td>Information Technology</td>
<td>51,868</td>
<td>74,584</td>
<td>0.77</td>
<td>10%</td>
<td>$77,591</td>
</tr>
<tr>
<td>Health and Medical Services</td>
<td>91,805</td>
<td>131,247</td>
<td>0.73</td>
<td>9%</td>
<td>$75,268</td>
</tr>
<tr>
<td>Tourism, Gaming, and Entertainment</td>
<td>392,419</td>
<td>318,850</td>
<td>2.02</td>
<td>(20%)</td>
<td>$41,954</td>
</tr>
</tbody>
</table>

2011 - 2021 % Change LQ
Southern Nevada’s Industry Base

<table>
<thead>
<tr>
<th>Sector</th>
<th>2011 Jobs</th>
<th>2021 Jobs</th>
<th>2021 LQ</th>
<th>Percent Change LQ</th>
<th>Earnings Per Worker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining</td>
<td>276</td>
<td>439</td>
<td>0.13</td>
<td>118%</td>
<td>$86,088</td>
</tr>
<tr>
<td>Logistics and Operations</td>
<td>39,168</td>
<td>73,351</td>
<td>0.99</td>
<td>48%</td>
<td>$71,160</td>
</tr>
<tr>
<td>Natural Resource Technologies</td>
<td>26,445</td>
<td>39,546</td>
<td>0.59</td>
<td>23%</td>
<td>$89,129</td>
</tr>
<tr>
<td>Aerospace and Defense</td>
<td>8,123</td>
<td>11,128</td>
<td>0.73</td>
<td>17%</td>
<td>$113,920</td>
</tr>
<tr>
<td>Information Technology</td>
<td>34,759</td>
<td>52,202</td>
<td>0.76</td>
<td>17%</td>
<td>$77,449</td>
</tr>
<tr>
<td>Health and Medical Services</td>
<td>63,783</td>
<td>95,676</td>
<td>0.75</td>
<td>16%</td>
<td>$74,554</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>20,428</td>
<td>26,140</td>
<td>0.33</td>
<td>16%</td>
<td>$72,881</td>
</tr>
<tr>
<td>Tourism, Gaming, and Entertainment</td>
<td>324,999</td>
<td>258,390</td>
<td>2.32</td>
<td>(21%)</td>
<td>$43,231</td>
</tr>
</tbody>
</table>
### Northern Nevada’s Industry Base

#### Bubble Size Represents 2021 Jobs in Each Sector

<table>
<thead>
<tr>
<th>Sector</th>
<th>2011 Jobs</th>
<th>2021 Jobs</th>
<th>2021 LQ</th>
<th>Percent Change LQ</th>
<th>Earnings Per Worker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Resource Technologies</td>
<td>13,668</td>
<td>30,032</td>
<td>1.40</td>
<td>71%</td>
<td>$99,204</td>
</tr>
<tr>
<td>Mining</td>
<td>565</td>
<td>703</td>
<td>0.66</td>
<td>61%</td>
<td>$122,406</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>18,042</td>
<td>32,517</td>
<td>1.27</td>
<td>54%</td>
<td>$97,830</td>
</tr>
<tr>
<td>Aerospace and Defense</td>
<td>3,365</td>
<td>4,782</td>
<td>0.97</td>
<td>15%</td>
<td>$103,783</td>
</tr>
<tr>
<td>Logistics and Operations</td>
<td>22,074</td>
<td>32,233</td>
<td>1.35</td>
<td>9%</td>
<td>$73,513</td>
</tr>
<tr>
<td>Information Technology</td>
<td>14,009</td>
<td>18,403</td>
<td>0.83</td>
<td>(4%)</td>
<td>$75,981</td>
</tr>
<tr>
<td>Health and Medical Services</td>
<td>24,795</td>
<td>31,491</td>
<td>0.77</td>
<td>(7%)</td>
<td>$78,744</td>
</tr>
<tr>
<td>Tourism, Gaming, and Entertainment</td>
<td>55,379</td>
<td>49,431</td>
<td>1.38</td>
<td>(16%)</td>
<td>$37,381</td>
</tr>
</tbody>
</table>
### 2011 - 2021 % Change LQ

<table>
<thead>
<tr>
<th>Sector</th>
<th>2011 Jobs</th>
<th>2021 Jobs</th>
<th>2021 LQ</th>
<th>Percent Change LQ</th>
<th>Earnings Per Worker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining</td>
<td>13,050</td>
<td>13,882</td>
<td>56.52</td>
<td>61%</td>
<td>$122,683</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>1,140</td>
<td>1,416</td>
<td>0.24</td>
<td>24%</td>
<td>$77,721</td>
</tr>
<tr>
<td>Health and Medical Services</td>
<td>3,196</td>
<td>3,953</td>
<td>0.42</td>
<td>6%</td>
<td>$62,841</td>
</tr>
<tr>
<td>Tourism, Gaming, and Entertainment</td>
<td>11,863</td>
<td>10,896</td>
<td>1.33</td>
<td>1%</td>
<td>$30,902</td>
</tr>
<tr>
<td>Logistics and Operations</td>
<td>2,723</td>
<td>3,079</td>
<td>0.56</td>
<td>(2%)</td>
<td>$85,208</td>
</tr>
<tr>
<td>Aerospace and Defense</td>
<td>1,963</td>
<td>2,031</td>
<td>1.80</td>
<td>(2%)</td>
<td>$123,519</td>
</tr>
<tr>
<td>Natural Resource Technologies</td>
<td>7,121</td>
<td>7,215</td>
<td>1.46</td>
<td>(8%)</td>
<td>$81,411</td>
</tr>
<tr>
<td>Information Technology</td>
<td>2,241</td>
<td>2,303</td>
<td>0.45</td>
<td>(12%)</td>
<td>$73,806</td>
</tr>
</tbody>
</table>

Bubble size represents 2021 jobs in each sector.
Balance of State – a Diversifying Economy?

<table>
<thead>
<tr>
<th>Sector</th>
<th>2011 Jobs</th>
<th>2021 Jobs</th>
<th>2021 LQ</th>
<th>Percent Change LQ</th>
<th>Earnings Per Worker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining</td>
<td>13,050</td>
<td>13,882</td>
<td>56.52</td>
<td>61%</td>
<td>$122,683</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>1,140</td>
<td>1,416</td>
<td>0.24</td>
<td>24%</td>
<td>$77,721</td>
</tr>
<tr>
<td>Health and Medical Services</td>
<td>3,196</td>
<td>3,953</td>
<td>0.42</td>
<td>6%</td>
<td>$62,841</td>
</tr>
<tr>
<td>Tourism, Gaming, and Entertainment</td>
<td>11,863</td>
<td>10,896</td>
<td>1.33</td>
<td>1%</td>
<td>$30,902</td>
</tr>
<tr>
<td>Logistics and Operations</td>
<td>2,723</td>
<td>3,079</td>
<td>0.56</td>
<td>(2%)</td>
<td>$85,208</td>
</tr>
<tr>
<td>Aerospace and Defense</td>
<td>1,963</td>
<td>2,031</td>
<td>1.80</td>
<td>(2%)</td>
<td>$123,519</td>
</tr>
<tr>
<td>Natural Resource Technologies</td>
<td>7,121</td>
<td>7,215</td>
<td>1.46</td>
<td>(8%)</td>
<td>$81,411</td>
</tr>
<tr>
<td>Information Technology</td>
<td>2,241</td>
<td>2,303</td>
<td>0.45</td>
<td>(12%)</td>
<td>$73,806</td>
</tr>
</tbody>
</table>
Nevada’s Diversifying Economy

<table>
<thead>
<tr>
<th>Sector</th>
<th>Job Change 2011 - 2021</th>
<th>Expected Growth Explained by National Growth and National Industry Growth</th>
<th>Northern Nevada’s Competitive Effect Over the Past Ten Years</th>
<th>Earnings Per Worker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logistics and Operations</td>
<td>44,577</td>
<td>12,591</td>
<td>31,986</td>
<td>$73,241</td>
</tr>
<tr>
<td>Natural Resource Technologies</td>
<td>29,846</td>
<td>6,616</td>
<td>23,230</td>
<td>$92,590</td>
</tr>
<tr>
<td>Health and Medical Services</td>
<td>39,442</td>
<td>19,585</td>
<td>19,857</td>
<td>$75,268</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>20,466</td>
<td>1,475</td>
<td>18,991</td>
<td>$86,496</td>
</tr>
<tr>
<td>Information Technology</td>
<td>22,716</td>
<td>10,979</td>
<td>11,737</td>
<td>$77,591</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>20,466</td>
<td>1,475</td>
<td>18,991</td>
<td>$86,496</td>
</tr>
<tr>
<td>Information Technology</td>
<td>22,716</td>
<td>10,979</td>
<td>11,737</td>
<td>$77,591</td>
</tr>
<tr>
<td>Mining</td>
<td>963</td>
<td>(4,394)</td>
<td>5,357</td>
<td>$121,600</td>
</tr>
<tr>
<td>Aerospace and Defense</td>
<td>4,491</td>
<td>1,364</td>
<td>3,127</td>
<td>$112,407</td>
</tr>
<tr>
<td>Tourism, Gaming, and Entertainment</td>
<td>(73,569)</td>
<td>(22,547)</td>
<td>(51,022)</td>
<td>$41,954</td>
</tr>
</tbody>
</table>
Ten Largest Employers in Nevada by Industry
Ten Largest Employers in Nevada by Industry: Private Sector Only
Jobs Lost and Gained: Nevada

Jobs Lost Feb 2020 to May 2020, Gained May 2020 to February 2022

- Leisure and hospitality: -34,000
- Accommodation and food services: -32,300
- Trade, transportation, and utilities: +22,600
- Transportation, warehousing, and utilities: +19,000

Still Down: 15,500

February 2020: 1,449,600
February 2022: 1,434,100

Seasonally Adjusted Data

Nevada Governor’s Office of ECONOMIC DEVELOPMENT
Using Data and Information to Align Economic and Workforce Development: Workforce Analysis
Strategic Location Drivers

1. Workforce Skills
2. Transportation infrastructure
3. Ease of permitting and regulatory procedures
3. Workforce development
5. Utilities (cost, reliability)
6. Right-to-work state
7. Higher education resources
7. State and local tax scheme
9. Economic development strategy
9. Land/building prices and supply

Source: Site Selection Magazine Survey of corporate real estate executives, October 2021
The Economic and Workforce Information Pipeline

Companies → North American Industrial Classification System (NAICS)

Workforce → Standard Occupational Classification (SOC)/Occupational Information Network (O*NET)

Education → Integrated Postsecondary Education Data System (IPEDS)/Classification of Instructional Programs (CIP)
In-Demand Occupation Analysis

Identifying high demand occupations

- Target Sector approach
- Real-time job postings
- DETR Occupational Employment Projections
- Brookings STEM Score
- Job openings
- Wages
- Automation
- Covid risk
# In-Demand Occupation Rankings

<table>
<thead>
<tr>
<th>Description</th>
<th>State Rank</th>
<th>Southern Nevada Rank</th>
<th>Northern Nevada Rank</th>
<th>Northeastern Nevada Rank</th>
<th>Central Nevada Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healthcare Diagnosing or Treating Practitioners</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Other Production Occupations</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Construction Trades Workers</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Other Installation, Maintenance, and Repair Occupations</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Engineers</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Metal Workers and Plastic Workers</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Health Technologists and Technicians</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Other Management Occupations</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Business Operations Specialists</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Computer Occupations</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td>Material Moving Workers</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>13</td>
</tr>
<tr>
<td>Counselors, Social Workers, and Other Community and Social Service Specialists</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>16</td>
<td>11</td>
</tr>
<tr>
<td>Drafters, Engineering Technicians, and Mapping Technicians</td>
<td>13</td>
<td>13</td>
<td>13</td>
<td>11</td>
<td>14</td>
</tr>
<tr>
<td>Preschool, Elementary, Middle, Secondary, and Special Education Teachers</td>
<td>14</td>
<td>15</td>
<td>14</td>
<td>20</td>
<td>19</td>
</tr>
<tr>
<td>Information and Record Clerks</td>
<td>15</td>
<td>14</td>
<td>15</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>Life Scientists</td>
<td>16</td>
<td>16</td>
<td>17</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>Vehicle and Mobile Equipment Mechanics, Installers, and Repairers</td>
<td>17</td>
<td>17</td>
<td>16</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>Financial Specialists</td>
<td>18</td>
<td>18</td>
<td>19</td>
<td>23</td>
<td>25</td>
</tr>
<tr>
<td>Extraction Workers</td>
<td>19</td>
<td>25</td>
<td>21</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>Art and Design Workers</td>
<td>20</td>
<td>19</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>Social Scientists and Related Workers</td>
<td>21</td>
<td>20</td>
<td>20</td>
<td>28</td>
<td>27</td>
</tr>
<tr>
<td>Textile, Apparel, and Furnishings Workers</td>
<td>22</td>
<td>22</td>
<td>29</td>
<td>29</td>
<td>34</td>
</tr>
<tr>
<td>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td>Life, Physical, and Social Science Technicians</td>
<td>24</td>
<td>21</td>
<td>24</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Operations Specialties Managers</td>
<td>25</td>
<td>24</td>
<td>22</td>
<td>22</td>
<td>21</td>
</tr>
<tr>
<td>Physical Scientists</td>
<td>26</td>
<td>26</td>
<td>26</td>
<td>24</td>
<td>23</td>
</tr>
<tr>
<td>Material Recording, Scheduling, Dispatching, and Distributing Workers</td>
<td>27</td>
<td>27</td>
<td>25</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td>Other Office and Administrative Support Workers</td>
<td>28</td>
<td>29</td>
<td>27</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td>Plant and System Operators</td>
<td>29</td>
<td>30</td>
<td>32</td>
<td>26</td>
<td>29</td>
</tr>
<tr>
<td>Other Healthcare Support Occupations</td>
<td>30</td>
<td>28</td>
<td>28</td>
<td>27</td>
<td>24</td>
</tr>
</tbody>
</table>
Work-based Learning for Nevada’s In-Demand Occupations

Typical Entry Level Education for Top 100 In-Demand Jobs

- Master's Degree and Higher: 8%
- Bachelor's Degree: 32%
- High School Diploma and Less than a Bachelor's: 46%
- No Formal Educational Credentials: 14%

Typical On-The-Job Training for In-Demand, Middle Skill Jobs

- Work Based Learning: 75%
- None: 25%
Typical On-The-Job Training for In-Demand, Middle Skill Jobs

- None, 25%
- Work Based Learning, 75%
- Apprenticeship, 27%
- Long-term on-the-job training, 20%
- Moderate-term on-the-job training, 43%
- Short-term on-the-job training, 10%
**Education Projections: Is Growth Meeting Demand?**

**Typical Entry Level Education for Top 100 In-Demand Jobs**

- Master's Degree and Higher: 8%
- Bachelor's Degree: 32%
- High School Diploma and Less than a Bachelor's: 46%
- No Formal Educational Credentials: 14%

**Percent Change of Education Cohort Populations 2019-2026**

- Master's Degree and Higher: 7%
- Bachelor's Degree: 8%
- High School Diploma and Less than a Bachelor's: 8%
- No Formal Educational Credentials: 11%
**The Story**

- GOED Vision: A Diverse, Innovative, Sustainable and Resilient Economy.
- Nevada’s procyclical economy leaves us particularly exposed to economic downturns.
- All regions of the state are diversifying, but at different rates.
- Northern Nevada fared much better than Southern Nevada because of a more diversified economy.
- The pandemic has accelerated diversification across the state and created unprecedented opportunity to stabilize Nevada’s procyclical economy.
- We need to be clear on what our constraints are so together we can manage and take advantage of the opportunity in front of us.
  - Water
  - Land
  - Workforce
Governors Office of Economic Development

Bob Potts
Deputy Director
775-687-9900
NEVADA'S WORKFORCE ECOSYSTEM

DEPARTMENT OF EMPLOYMENT, TRAINING AND REHABILITATION

PRESENTATION TO AB450 COMMITTEE
APRIL 13, 2022
• Workforce ecosystem
• High level priorities
• DETR workforce roles
Workforce Innovation & Opportunity Act (WIOA) funding, grants

Service and training providers

Credentials and credentialing agencies

Employers, labor, and job seekers

Policy makers and regulators
WORKFORCE ECOSYSTEM PRIORITIES

Build on the Governor's vision to be sure we have a resilient, aligned and effective workforce ecosystem.

Help Nevadans get "middle skills" (more than high school diploma, less than four year degree).
LEVELING UP OUR WORKFORCE ECOSYSTEM IS UNDERWAY

- Strategic initiatives started for key priorities
- Community colleges critical partners
CRITICAL INITIATIVES UNDER WAY

• **Data to optimize investments**

• **Quality credentials**

• **More free training, community college and apprenticeships**

• **Industry specific teams: education, health care, childcare, climate**
DETR Workforce Roles

• Employment Security Division
• Governor's Office of Workforce Innovation
• Commission for Postsecondary Education
• Vocational Rehabilitation
• Research & Analysis
EMPLOYMENT SECURITY DIVISION

WIOA TRAINING AND SERVICES

WIOA BUSINESS SERVICES

COMMISSION FOR POSTSECONDARY EDUCATION

EMPLOYNV.GOV
ESD WORKFORCE GRANTS

- Department of Labor Disaster Recovery Grant - $4,363,745

- Department of Labor Employment Recovery Grant - $10,948,823
TRAINING & SERVICE PROVIDERS

DETR
Job Connect offices statewide

Workforce Connections - Las Vegas

Nevadaworks - Reno
GOWINN WORKFORCE GRANTS

- Department of Labor State Apprenticeship Expansion 2020 - $450,000
- Department of Education Reimagine Grant for Project SANDI - Supporting and Advancing Nevada's Dislocated Individuals - $13,818,298
- Department of Labor H-1B Rural Healthcare Grant - $2,500,000
- Department of Labor Accelerating Nevada Apprenticeships for All (ANAA) Grant - $3,999,997
VOCATIONAL REHABILITATION

• Bureau of Services to Persons who are Blind and Visually Impaired

• Bureau of Vocational Rehabilitation

• Supported Employment Program
DETR

Research & Analysis

- Labor Market Information
- Employment Reports
- Unemployment Tracking
COMMUNITY COLLEGES ARE CRITICAL PARTNERS

- Services and training for job seekers
- Credentials & degrees
- Nimble industry specific training
- Research & data
QUESTIONS?

EMAIL  DETRadmin @detr.nv.gov

PHONE  775 -684 -3911

WEBSITE  detr.nv.gov
During the 2021-22 school year, 76,317 (50.6%) high school students are enrolled in a CTE program of study and 2,269 middle school students are in a recognized middle school course.

There are 74 secondary CTE programs of study that are aligned to State standards developed in partnership between secondary educators, postsecondary educators, and business and industry partners.

Secondary CTE programs are funded through Perkins V (federal) and State CTE grants.
## CTE Career Clusters

<table>
<thead>
<tr>
<th>Agricultural, Food and Natural Resources</th>
<th>Architecture and Construction</th>
<th>Arts, A/V Technology, and Communication</th>
<th>Business Management and Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education and Training</td>
<td>Finance</td>
<td>Government and Public Administration</td>
<td>Health Science</td>
</tr>
<tr>
<td>Hospitality and Tourism</td>
<td>Human Services</td>
<td>Information Technology</td>
<td>Law, Public Safety, Corrections, and Security</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>Marketing</td>
<td>Science, Technology, Engineering, and Mathematics</td>
<td>Transportation, Distribution, and Logistics</td>
</tr>
</tbody>
</table>
CTE Program and Standards Development

Secondary Educators

Business and Industry Partners

Postsecondary Educators
Secondary CTE Enrollment

Disaggregated 2021-22 CTE and Statewide Enrollment Data

- Female: CTE, 46.8% (NV Total, 48.9%)
- Male: CTE, 53.2% (NV Total, 51.0%)
- Hispanic: CTE, 44.7% (NV Total, 44.0%)
- White: CTE, 29.9% (NV Total, 29.7%)
- African American: CTE, 10.3% (NV Total, 11.2%)
- Asian: CTE, 6.5% (NV Total, 6.2%)
- Two or More: CTE, 6.3% (NV Total, 6.4%)
- Pacific Islander: CTE, 1.5% (NV Total, 1.6%)
- Am. Indian/Alaska Nat.: CTE, 0.8% (NV Total, 0.8%)
- Students with IEP: CTE, 8.6% (NV Total, 10.9%)
- English Learners: CTE, 10.3% (NV Total, 11.8%)
- FRL: CTE, 83.3% (NV Total, 78.7%)

BATTLE BORN ★ GLOBALLY PREPARED
CTE Graduation Rates

2020-2021 Graduation Rate (CTE Concentrator and State Total)

- Total:
  - CTE: 91.72%
  - State Total: 81.31%

- Female:
  - CTE: 93.87%
  - State Total: 85.74%

- Male:
  - CTE: 69.79%
  - State Total: 88.62%

- American Indian/Alaska Native:
  - CTE: 77.14%
  - State Total: 72.17%

- Asian:
  - CTE: 96.36%
  - State Total: 92.83%

- Black:
  - CTE: 89.97%
  - State Total: 90.56%

- Hispanic:
  - CTE: 70.25%
  - State Total: 79.63%

- Pacific Islander:
  - CTE: 83.65%
  - State Total: 83.36%

- Two or More:
  - CTE: 95.15%
  - State Total: 94.16%

- White:
  - CTE: 94.16%
  - State Total: 92.31%

- English Learners:
  - CTE: 84.99%
  - State Total: 64.57%

- Students with Disabilities:
  - CTE: 64.53%
  - State Total: 80.58%
CTE Concentrator Diplomas Earned

2021 Diplomas Earned by CTE Concentrators and Total Graduating Class

- Standard Diploma: CTE, 54% vs. NV Total, 58%
- College and Career Ready Diploma: CTE, 30% vs. NV Total, 23%
- Advanced Diploma: CTE, 15% vs. NV Total, 18%

2020 CTE Concentrator Graduates, Fall 2020 NSHE Enrollment

- NSHE Enrolled: 35%
- Not NSHE Enrolled: 65%
○ **Free** CTE articulated credit is available at each of the community colleges, however there is not standardization across NSHE institutions regarding how many credits are articulated for the same coursework

○ Students who complete a CTE program of study (3 years in the same program) with a minimum 3.0 GPA in the CTE program, pass the end-of-program technical skills assessment, and pass workplace readiness assessment are eligible for credit
## NSHE Dual Enrollment Data Dashboard

### Courses Taken by Dual Enrolled High School Students

Students enrolled in formal dual (concurrent enrollment programs and students that enrolled in courses independently (not part of formal dual enrollment programs) are counted as dual enrolled.

### NSHE Academic Year 2019-20

### Table: NSHE Academic Year 2019-20 Courses Taken by Dual Enrolled High School Students

<table>
<thead>
<tr>
<th>NSHE Course</th>
<th>CRN</th>
<th>GBC</th>
<th>NSC</th>
<th>FMEC</th>
<th>UBEV</th>
<th>UBR</th>
<th>NSC</th>
<th>GBC</th>
<th>CRN</th>
<th>GBC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 - Composition I</td>
<td>1,372</td>
<td>252</td>
<td>575</td>
<td>142</td>
<td>0</td>
<td>0</td>
<td>1,372</td>
<td>252</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 102 - Composition II</td>
<td>1,374</td>
<td>193</td>
<td>555</td>
<td>181</td>
<td>5</td>
<td>1</td>
<td>1,374</td>
<td>193</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 120 - Pre-Calculus II</td>
<td>438</td>
<td>106</td>
<td>315</td>
<td>155</td>
<td>3</td>
<td>1</td>
<td>438</td>
<td>106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 101 - US History I</td>
<td>458</td>
<td>946</td>
<td>318</td>
<td>68</td>
<td>3</td>
<td>1</td>
<td>458</td>
<td>946</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 102 - US History II</td>
<td>480</td>
<td>147</td>
<td>308</td>
<td>76</td>
<td>1</td>
<td>1</td>
<td>480</td>
<td>147</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 103 - Intermediate Algebra</td>
<td>436</td>
<td>78</td>
<td>78</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>436</td>
<td>78</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEY 101 - General Psychology</td>
<td>444</td>
<td>74</td>
<td>154</td>
<td>176</td>
<td>3</td>
<td>1</td>
<td>444</td>
<td>74</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 104 - Elementary Algebra</td>
<td>329</td>
<td>114</td>
<td>106</td>
<td>96</td>
<td>3</td>
<td>1</td>
<td>329</td>
<td>114</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 177 - Pre-Calculus III</td>
<td>379</td>
<td>27</td>
<td>170</td>
<td>222</td>
<td>2</td>
<td>1</td>
<td>379</td>
<td>27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRM 101 - Oral Communications</td>
<td>602</td>
<td>47</td>
<td>10</td>
<td>15</td>
<td>1</td>
<td>1</td>
<td>602</td>
<td>47</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EXC 101 - Outdoor and Park Day</td>
<td>537</td>
<td>127</td>
<td>82</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>537</td>
<td>127</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 101 - Principles of Restaurant Management</td>
<td>311</td>
<td>213</td>
<td>4</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>311</td>
<td>213</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 101 - Introduction to Business</td>
<td>305</td>
<td>49</td>
<td>4</td>
<td>7</td>
<td>1</td>
<td>1</td>
<td>305</td>
<td>49</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A&amp;S 101 - College Success</td>
<td>306</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>306</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL 102 - Public Speaking</td>
<td>127</td>
<td>200</td>
<td>5</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>127</td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 104 - Introduciton to Hospitality</td>
<td>124</td>
<td>19</td>
<td>19</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>124</td>
<td>19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRM 102 - Intro Interpersonal Communication</td>
<td>312</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>312</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENR 119 - Developing Academic Success</td>
<td>251</td>
<td>251</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>251</td>
<td>251</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 201 - Marketing Principles</td>
<td>201</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>201</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Contact Information

Craig Statucki
cstatucki@doe.nv.gov