Many thanks!
Summertime with the CEDS | Summer 2020

Live webinars, pre-recorded presentations, and much more brought to you by the NADO Research Foundation all summer long. Visit www.nado.org and www.CEDSCentral.com to learn more.
Most of the world will make decisions by either guessing or using their gut.

They will be either lucky or wrong.

Suhail Doshi, Co-founder, Mixpanel
Data Deep Dive Webinar Series
Stronger CEDS, Stronger Regions

CEDS Resource & Training Archive

www.CEDSCentral.com
Thanks for Joining the Webinar!

- Questions or comments can be submitted via the chat box on the right side of your screen in drop down menu

- A recording of the webinar will be made available soon at www.nado.org & www.CEDSCentral.com

- Upcoming webinars in the Summertime with the CEDS:
  - July 16 – Integrating Climate Resilience into Your CEDS
  - July 29 – Regional Resilience for Transportation and Economic Development (part of the virtual National Regional Transportation Conference)
  - Additional sessions to be announced shortly

- Please contact Brett Schwartz at bschwartz@nado.org if you have any general questions about NADO RF or the Stronger CEDS, Stronger Regions program
Today’s Trainer

Joel Simon, Managing Director, Workforce Strategies, Burning Glass Technologies
Summertime with the CEDS | Summer 2020

Upcoming Webinars

- **July 16** – Integrating Climate Resilience into Your CEDS

- **July 29** – Regional Resilience for Transportation and Economic Development (part of the virtual National Regional Transportation Conference)

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Register at [www.nado.org](http://www.nado.org)
Industries, Occupations and Employers

Covid-era Demand Data for NADO

July 2020
Burning Glass maintains the nation’s largest database of online job postings

We use advanced artificial intelligence text mining to code 70+ facts about online job postings

We visit 45,000+ online job sites daily

From those sites we collect & de-duplicate 1M+ job postings daily

For each individual posting, we parse 70 fields to generate detailed data

- Job Title & Occupation
- Employer & Industry
- Technical Skills
- Foundational Skills
- Certifications
- Educational Requirements
- Experience Levels
- Salaries
COVID-19: The Pandemic's Impact on Jobs

Download Jobs Data Tracking COVID-19 Impact in Six Countries

The world needs to bring every possible resource to bear to recover from the economic impact of the coronavirus pandemic. In that spirit, Burning Glass Technologies is making high-level, aggregated job postings data public to enable researchers to track the economic impact on job markets. The data will include weekly and monthly counts of job postings online in Australia, Canada, New Zealand, Singapore, the United Kingdom, and the United States. The data are available overall and by industry or occupation.

⚠️ Read Me for Data File
Read Me (txt)

⚠️ Download Data File
Download the full data file (zip). The single zip file contains all available countries.
Real-time data informs reemployment, redeployment, and recovery

- Leverage real-time data to inform both crisis management and recovery planning
- Immediate reemployment and rapid reskilling
- Redeployment of workers and their skills, mapping viable pathways
Demand Relative to US

Impact of COVID-19 on the Urban and Rural Labor Markets

Percent Change in Postings from Previous Week


United States  Urban  Rural
BA/Sub-BA Demand Relative to US

Impact of COVID-19 on the Labor Market, Segmented by Required Education
Change in Postings March - June

Industry Growth and Decline Between March and June

- Management of Companies and Enterprises
- Wholesale Trade
- Utilities
- Educational Services
- Arts, Entertainment, and Recreation
- Public Administration
- Mining, Quarrying, and Oil and Gas Extraction
- Retail Trade
- Information
- Finance and Insurance
- Professional, Scientific, and Technical Services
- Manufacturing
- Health Care and Social Assistance
- Agriculture, Forestry, Fishing and Hunting
- Other Services (except Public Administration)
- Transportation and Warehousing
- Construction
- Administrative and Support and Waste Management and Remediation Services
- Accommodation and Food Services
- Real Estate and Rental and Leasing

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High Demand Occupations - National
High Demand Occupations – Non-Metro
### Who to reach out to?

**Employers Increasing postings nationally**

<table>
<thead>
<tr>
<th>Employer</th>
<th>National Postings</th>
<th>Non-Metro Postings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amazon</td>
<td>163,571</td>
<td>5,899</td>
</tr>
<tr>
<td>Lowe's</td>
<td>60,165</td>
<td>10,738</td>
</tr>
<tr>
<td>Dollar General</td>
<td>48,295</td>
<td>3,768</td>
</tr>
</tbody>
</table>

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## Who to reach out to?
Employers **decreasing** postings nationally

<table>
<thead>
<tr>
<th>National</th>
<th>Non-Metro</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anthem</strong></td>
<td><strong>us bancorp</strong></td>
</tr>
<tr>
<td><strong>BlueCross</strong></td>
<td></td>
</tr>
<tr>
<td>51% drop in postings</td>
<td>98% drop in postings</td>
</tr>
<tr>
<td>March-Jul 2019: 90,498</td>
<td>March-Jul 2019: 8,049</td>
</tr>
<tr>
<td><strong>COMPASS GROUP</strong></td>
<td><strong>TFA</strong></td>
</tr>
<tr>
<td>59% drop in postings</td>
<td>100% drop in postings</td>
</tr>
<tr>
<td>March-Jul 2020: 16,152</td>
<td>March-Jul 2020: 0</td>
</tr>
<tr>
<td><strong>us bancorp</strong></td>
<td></td>
</tr>
<tr>
<td>69% drop in postings</td>
<td>99% drop in postings</td>
</tr>
<tr>
<td>March-Jul 2019: 27,946</td>
<td>March-Jul 2019: 1,575</td>
</tr>
<tr>
<td>March-Jul 2020: 8,721</td>
<td>March-Jul 2020: 21</td>
</tr>
</tbody>
</table>
Automation and Health Risk

Occupation by Physical Proximity Score and Risk of Automation

- Key
  - 120,000 Workers
  - 500,000 Workers
  - 1,000,000 Workers
  - 5,000,000 Workers

- Occupations and professions with varying levels of physical proximity and risk of automation.
## Potential Lifeboat Jobs

<table>
<thead>
<tr>
<th>Occupation Title</th>
<th>Change in Online Job Postings Nationally</th>
<th>States with Posting Increase</th>
<th>Average Unweighted Growth Across States With Posting Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipping, Receiving, and Traffic Clerks</td>
<td>59%</td>
<td>37</td>
<td>287%</td>
</tr>
<tr>
<td>Driver/Sales Workers</td>
<td>28%</td>
<td>29</td>
<td>84%</td>
</tr>
<tr>
<td>Personal Care Aides</td>
<td>4%</td>
<td>22</td>
<td>49%</td>
</tr>
<tr>
<td>Janitors and Cleaners, Except Maids and Housekeeping Cleaners</td>
<td>-7%</td>
<td>24</td>
<td>68%</td>
</tr>
<tr>
<td>Cashiers</td>
<td>-12%</td>
<td>25</td>
<td>64%</td>
</tr>
<tr>
<td>Computer Network Support Specialists</td>
<td>-19%</td>
<td>13</td>
<td>95%</td>
</tr>
<tr>
<td>Stock Clerks and Order Fillers</td>
<td>-19%</td>
<td>14</td>
<td>81%</td>
</tr>
<tr>
<td>Home Health Aides</td>
<td>-20%</td>
<td>12</td>
<td>50%</td>
</tr>
<tr>
<td>Heavy and Tractor-Trailer Truck Drivers</td>
<td>-21%</td>
<td>20</td>
<td>93%</td>
</tr>
<tr>
<td>First-Line Supervisors of Construction Trades and Extraction Workers</td>
<td>-23%</td>
<td>8</td>
<td>103%</td>
</tr>
<tr>
<td>Real Estate Sales Agents</td>
<td>-24%</td>
<td>12</td>
<td>83%</td>
</tr>
<tr>
<td>Information Security Analysts</td>
<td>-25%</td>
<td>11</td>
<td>56%</td>
</tr>
<tr>
<td>Insurance Sales Agents</td>
<td>-28%</td>
<td>12</td>
<td>57%</td>
</tr>
<tr>
<td>Business Operations Specialists, All Other</td>
<td>-30%</td>
<td>8</td>
<td>71%</td>
</tr>
</tbody>
</table>
Filling the Lifeboats

Getting Americans Back to Work in the Pandemic

May 2020
Recovery Drivers
What does the future hold?
Infrastructure

- Broadband installation and maintenance, security, sanitation for transit and office environments, health and safety measures
What does the future hold?
Reshoring

- Medical equipment and PPE manufacturing, reimagined distribution channels, “buy local”
What does the future hold?

Automation

- Food, hospitality, assembly, retail
What does the future hold?
Human skills in a distanced world

- Collaboration, empathy, customer service, digital communication, workplace health and safety
What does the future hold?
New and altered occupations

- Contact tracing, security, facilities management, public safety, public administration
Monitor these indicators during a reopening of the economy

**Jobs** that remain from before the crisis and re-emerge after

**Health and safety implications** for business reopening

Demand trends **relative to the region, state and nation**

Increased emphasis on **remote work and learning**

**Skills transfer** between declining and growing occupations

**Disparate impacts** of job loss and recovery on different population segments

If you have additional questions or wish to discuss solutions options, please contact:

Joel Simon  
Managing Director – Workforce Strategies  
jsimon@burning-glass.com  
(312) 513-1818