



# State of the State's Workforce

**Cameron Macht**

**DEED Labor Market Information Office**

**Regional Analysis & Outreach**

**[www.mn.gov/deed/data/](http://www.mn.gov/deed/data/)**

**September 9, 2020**

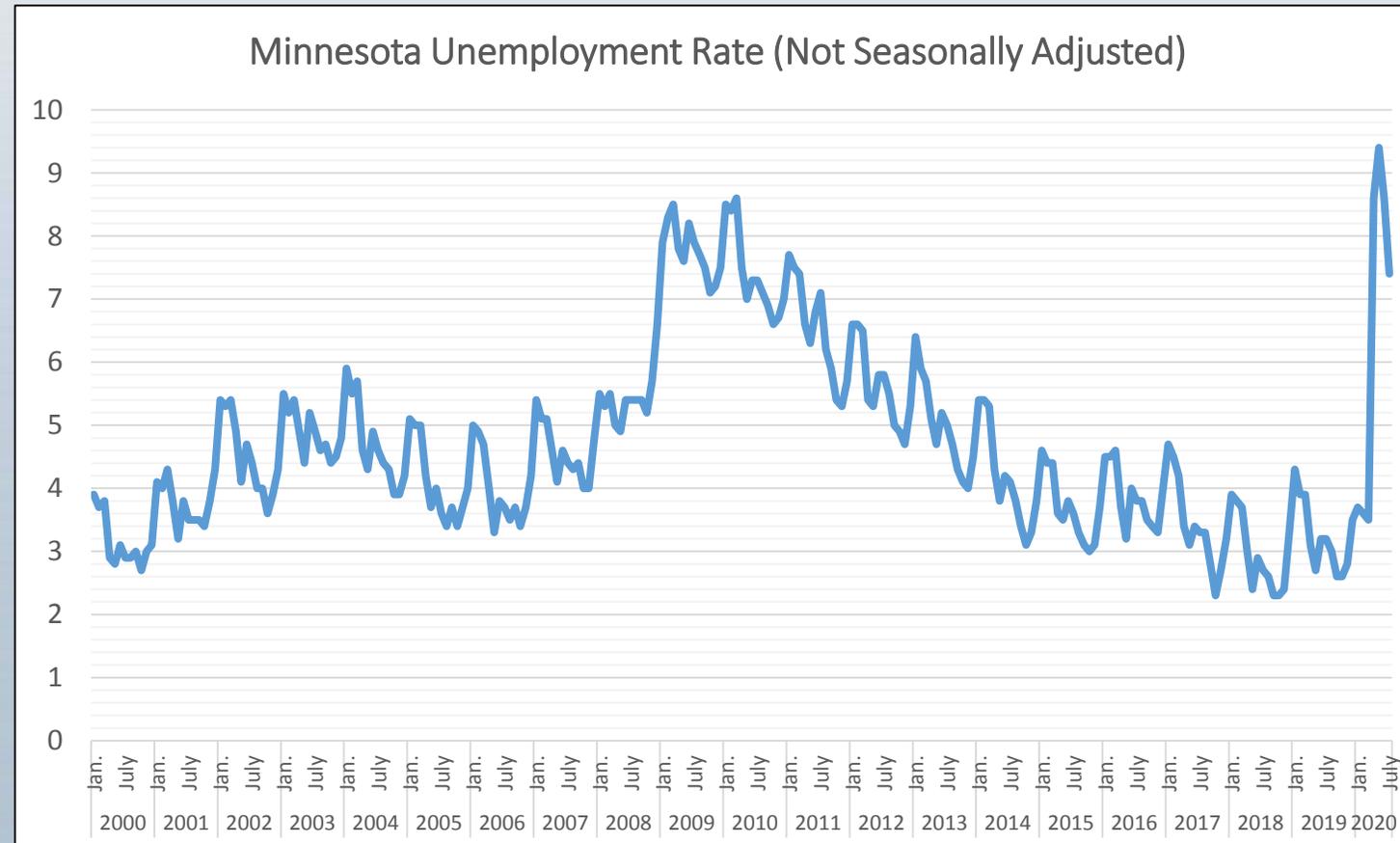
# Minnesota Dept. of Employment & Economic Development

- DEED has been busy during the COVID-19 pandemic
  - Unemployment Insurance, Business & Community Development, LMI
- Each state produces employment and economic statistics in cooperation with U.S. Department of Labor's Bureau of Labor Statistics
- LMI includes employment statistics, unemployment rates, wages and salaries, job projections and more
  - We provide data to a wide variety of stakeholders and customers
- LMI is the foundation for informed, market-responsive planning
  - Focused on trends
- [mn.gov/deed/data/](https://mn.gov/deed/data/)

The screenshot shows the DEED website's Data Center page. The header features the DEED logo and a search bar. Below the header is a navigation menu with links for 'For Job Seekers', 'For Business', 'For Government', 'About Us', 'Data', and 'A-Z Index'. The 'Data' menu is expanded, showing a list of categories including 'Data Tools', 'Monthly Highlights', 'Regional Labor Markets', 'Reports & Publications', 'Economic Analysis', 'Export & Trade Statistics', 'Data for Job Seekers', 'Data for Businesses', 'Data for Government', 'Data for News Media', and 'LMI Help'. The main content area is titled 'Data Center' and features a large image of a woman in a business suit talking on a phone, with a bar and line chart overlaid. To the right of the image is a section titled 'Unemployment Insurance Statistics' with a sub-header 'Daily and Weekly Unemployment Insurance Statistics provided since March 16. Monthly Unemployment Insurance Statistics.' Below this is a video player with a play button and a progress bar. The text below the image reads: 'We've Got Your Number. Nothing tells a story like numbers. And here is where we let them do the talking. Our data and data tools provide a comprehensive, nuts-and-bolts look at Minnesota's economy and workforce.' At the bottom, there are three columns of links: 'Data Tools' (with a brief description), 'Monthly Highlights' (with a brief description), and 'Regional Labor Markets' (with a brief description).

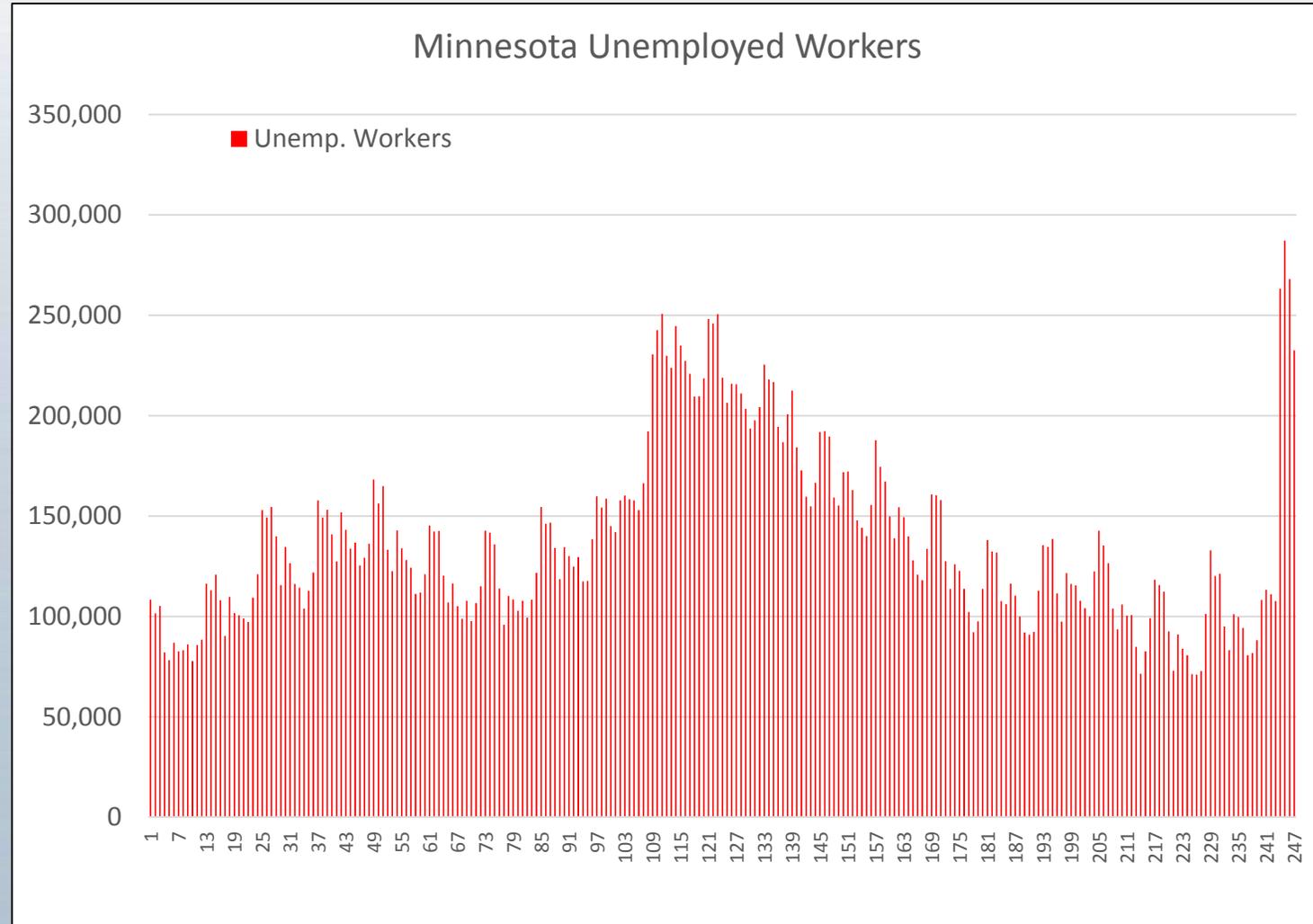
# Unemployment Rates

- Minnesota's unemployment rate dropped to **7.7%** in July 2020
  - 9.9% in May was the highest rate on record – *previous highs in 1983, 2010*
- Minnesota has the **18<sup>th</sup>** lowest unemp. rate in U.S.
  - U.S. rate dropped to 10.2% in July 2020
    - As high as 14.7% in April



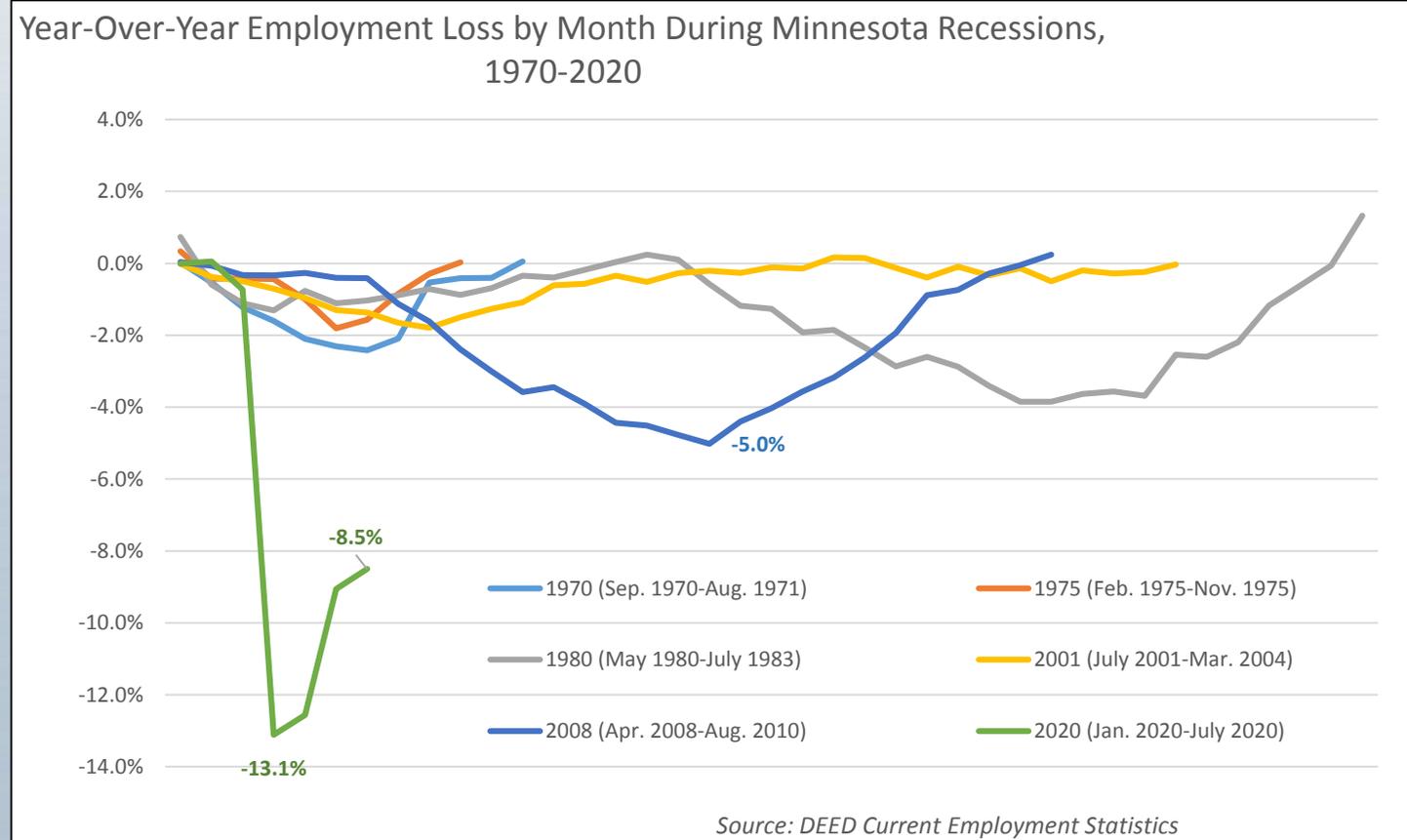
# Unemployment Rates

- Since March, the number employed has dropped by -89,081; the number unemployed has risen by +124,803; and the unemp. rate has risen from 3.1% to 7.7%
- This includes a drop of -35,722 from the labor force this month with a drop in participation rate from 70.2% to 69.3%



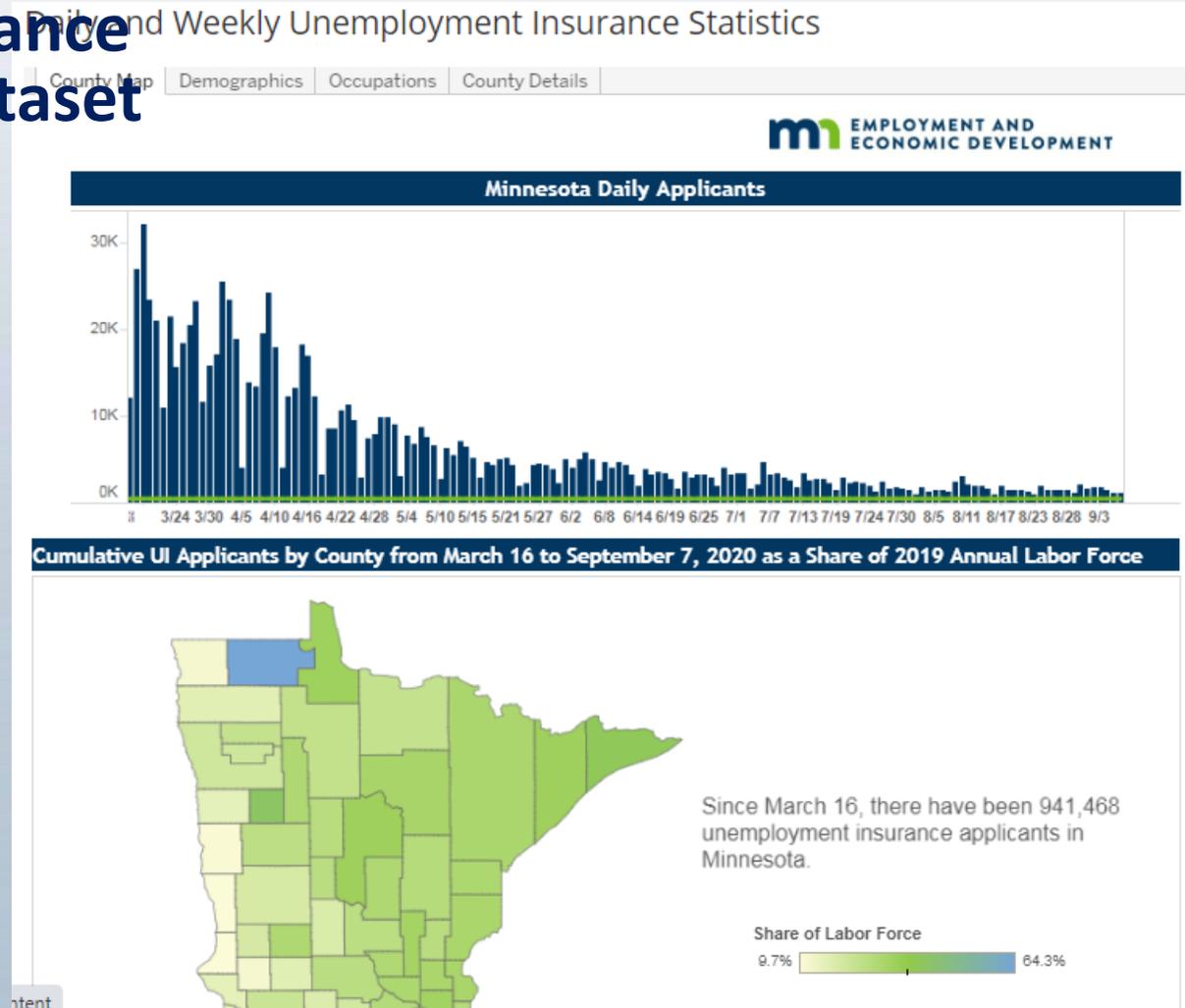
# Current Employment Statistics

- Minnesota is down -256,062 payroll jobs over the year in July, a decline of -8.5% compared to 2019
  - U.S. employment fell -7.7% from July 2019 to July 2020
- These job losses, largely the result of pandemic containment measures, are unprecedented in the history of the data series going back nearly a century both at the state and national level
- *How bad is it?*
  - *It depends...*
    - *Industries*
    - *Regions*
    - *Occupations*
    - *Person*



# Unemployment Insurance Claims Statistics

- Stakeholders (leaders, businesses, workforce development boards, the media) needed help, and our traditional tools did not offer enough
- Typically overlooked, Unemp. Insurance statistics were suddenly a useful dataset
- The existing tool was updated once per month, in a table format
- The new tool was built to provide daily updates, and in visual form
  - Count of UI applications by day
  - Cumulative UI applications by county
    - As a share of 2019 labor force (impact)
- Unemp. rates at the county level are much more indicative of COVID-19 employment changes



# Unemployment Insurance Applications Statistics

- Demographic details looking at:

- Age
- Education
- Gender
- Veteran Status
- Race & Ethnicity

- Geographic details for:

- Planning Regions

- Occupational details at the 3-digit SOC Code level

- Food & Beverage Serving Workers
- Construction Trades Workers
- Retail Sales Workers
- Other Production Occupations
- Other Healthcare Support Occs
- Cooks & Food Prep Workers

- County Details

- 87 counties in Minnesota
- Occupational details

County Map | Demographics | Occupations | County Details

Select a County: All

Select a Category: Age

**Demographics: Cumulative UI Application Counts from March 16**

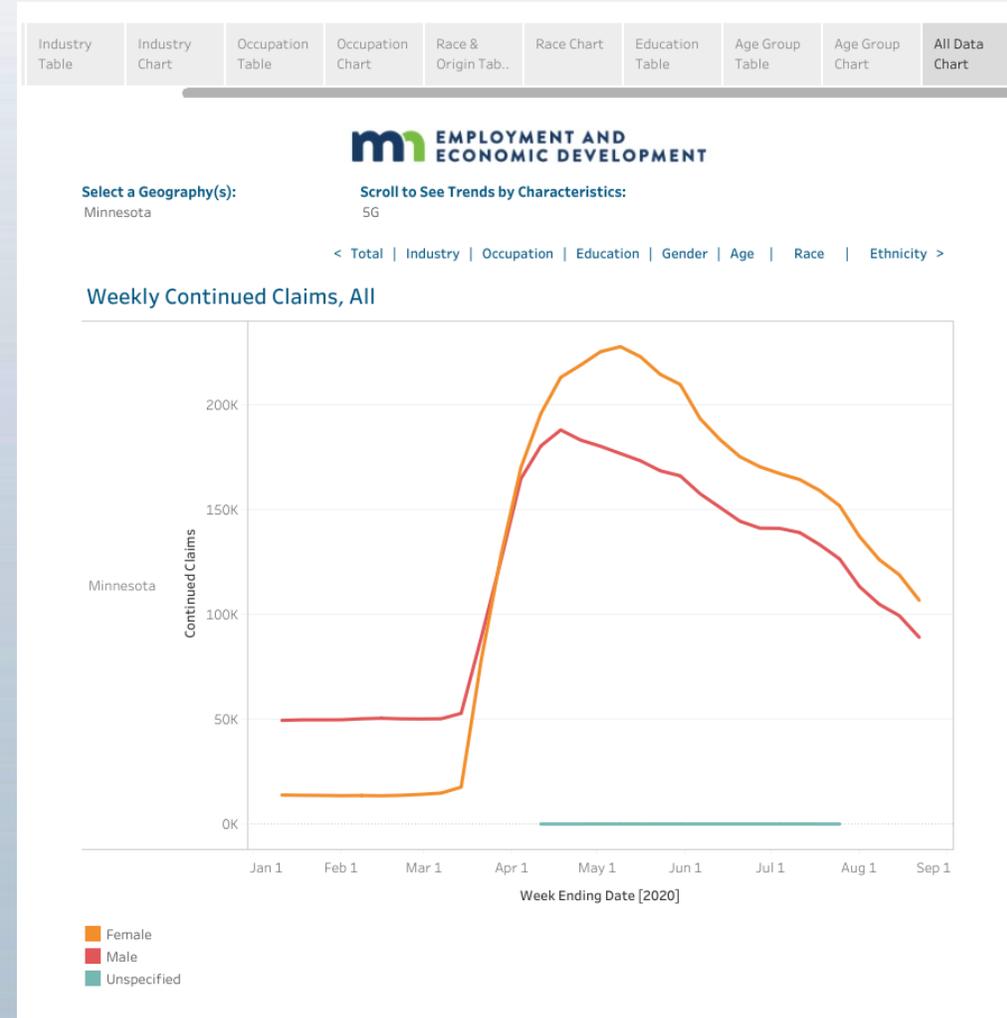
	All	16-19	20-24	25-34	35-44	45-54	55-64	65+
Aitkin	2,034	57	197	371	340	392	483	194
Anoka	64,335	2,216	7,877	15,090	13,755	11,525	10,686	3,186
Becker	4,908	151	569	1,079	1,059	819	863	368
Beltrami	6,042	194	1,040	1,532	1,205	874	836	361
Benton	6,418	224	899	1,596	1,504	1,031	902	262
Big Stone	396		37	87	75	70	86	35
Blue Earth	12,120	382	2,735	3,021	2,222	1,632	1,581	547
Brown	3,040	80	333	661	620	526	609	211
Carlton	5,351	159	627	1,218	1,136	1,001	920	290

**Occupations: Cumulative UI Application Counts from March 16**

Aitkin	353000 - Food and Beverage Serving Workers	224
	412000 - Retail Sales Workers	93
	472000 - Construction Trades Workers	194
	519000 - Other Production Occupations	43
	319000 - Other Healthcare Support Occupations	70
	352000 - Cooks and Food Preparation Workers	112
	434000 - Information and Record Clerks	52
	291000 - Health Diagnosing and Treating Practition..	46
	533000 - Motor Vehicle Operators	47
	395000 - Personal Appearance Workers	33

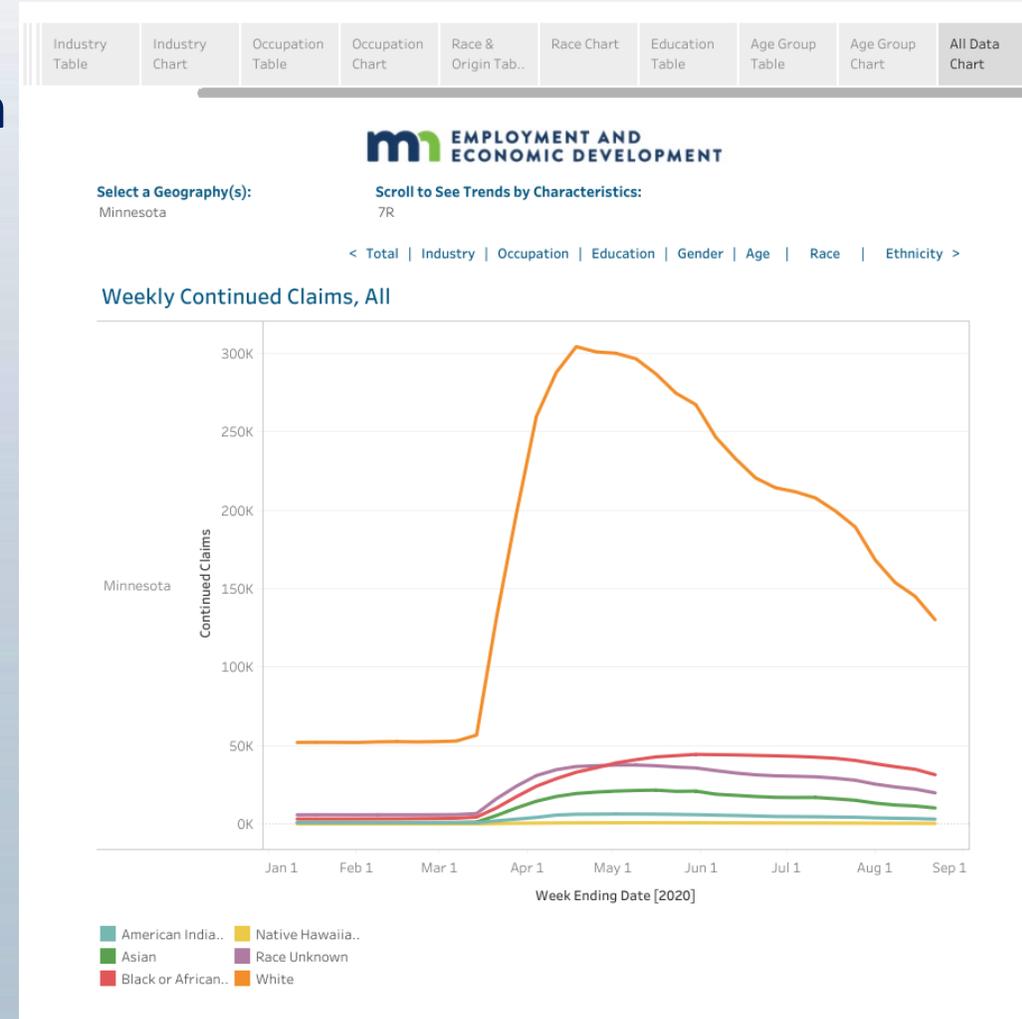
# Unemployment Insurance Applications Statistics

- There were **324,223** benefits requests last week
  - That was up from **76,527** the week ending 3/21/2020
  - Down from a peak of **559,023** on 5/16/2020
  - Up slightly from **323,452** on 8/29/2020
  - Down from **337,416** on 8/22/2020
- **108,869** on PUA (self-employed)
  - PUA is staying consistently high
- Layoff activity has affected females more than males
  - Females = 54.5%; prior to COVID = 22.7%
- Younger workers (under 22, 22 to 29) have been more affected than normal



# Unemployment Insurance Applications Statistics

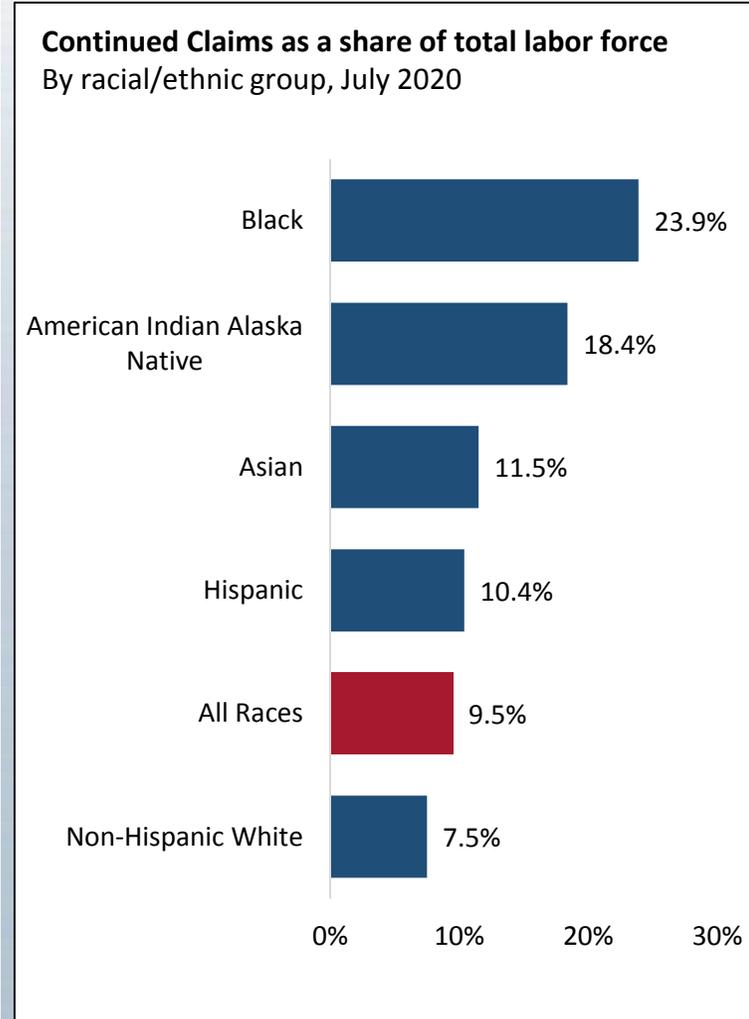
- Layoff activity has also impacted different races in different ways
  - Whites accounted for 66.6% of continued claims in Aug. (but 81.5% of labor force)
  - Just over half (53.8%) of Black or African American workers have filed a UI Application
    - NonHispanic White = 26.5%
    - American Indian = 44.0%
    - Asian = 35.0%
    - Hispanic or Latino = 31.5%
- Continuing claims are lingering more for workers of other races as well
  - Much of this is due to the industries and occupations people of color hold



# Unemployment Insurance Applications Statistics

- Unemp. rates are diverging again!

All Races	6 month moving averages		12 month moving averages		White	6 month moving averages		12 month moving averages	
	Labor Force Part. Rate	Unemp. Rate	Labor Force Part. Rate	Unemp. Rate		Labor Force Part. Rate	Unemp. Rate	Labor Force Part. Rate	Unemp. Rate
20-Jan	69.5	2.8	70	3.1	20-Jan	69.6	2.8	70	3
20-Feb	69.5	2.9	70	3.1	20-Feb	69.6	3	69.9	3
20-Mar	69.4	3.3	69.9	3	20-Mar	69.3	3.2	69.9	3
20-Apr	68.8	4.3	69.6	3.5	20-Apr	68.7	4.4	69.7	3.5
20-May	68.7	5.5	69.5	4.2	20-May	68.7	5.4	69.6	4
20-Jun	69.1	6.5	69.5	4.7	20-Jun	69.3	6	69.6	4.3
<b>20-Jul</b>	<b>69.1</b>	<b>7.1</b>	<b>69.3</b>	<b>4.9</b>	<b>20-Jul</b>	<b>69.5</b>	<b>6.3</b>	<b>69.5</b>	<b>4.5</b>
Black	6 month moving averages		12 month moving averages		Hispanic	6 month moving averages		12 month moving averages	
	Labor Force Part. Rate	Unemp. Rate	Labor Force Part. Rate	Unemp. Rate		Labor Force Part. Rate	Unemp. Rate	Labor Force Part. Rate	Unemp. Rate
20-Jan	68	3.4	71.2	4.9	20-Jan	74.6	5.4	76.2	4.9
20-Feb	68.1	3.5	71.3	4.5	20-Feb	73.2	6.2	76.3	5
20-Mar	67.5	3.9	70.4	4.5	20-Mar	71.5	6.2	75.8	4.6
20-Apr	66.4	3.3	68.6	4.3	20-Apr	70.6	6.6	75.5	4.4
20-May	65.5	7.3	68.4	6.2	20-May	71.4	8.2	75.7	6
20-Jun	65.2	12.3	67.8	8.2	20-Jun	73.7	8.9	75.6	6.9
<b>20-Jul</b>	<b>66</b>	<b>15.3</b>	<b>67</b>	<b>9.1</b>	<b>20-Jul</b>	<b>74.3</b>	<b>8.6</b>	<b>74.5</b>	<b>6.9</b>



# Stress Index

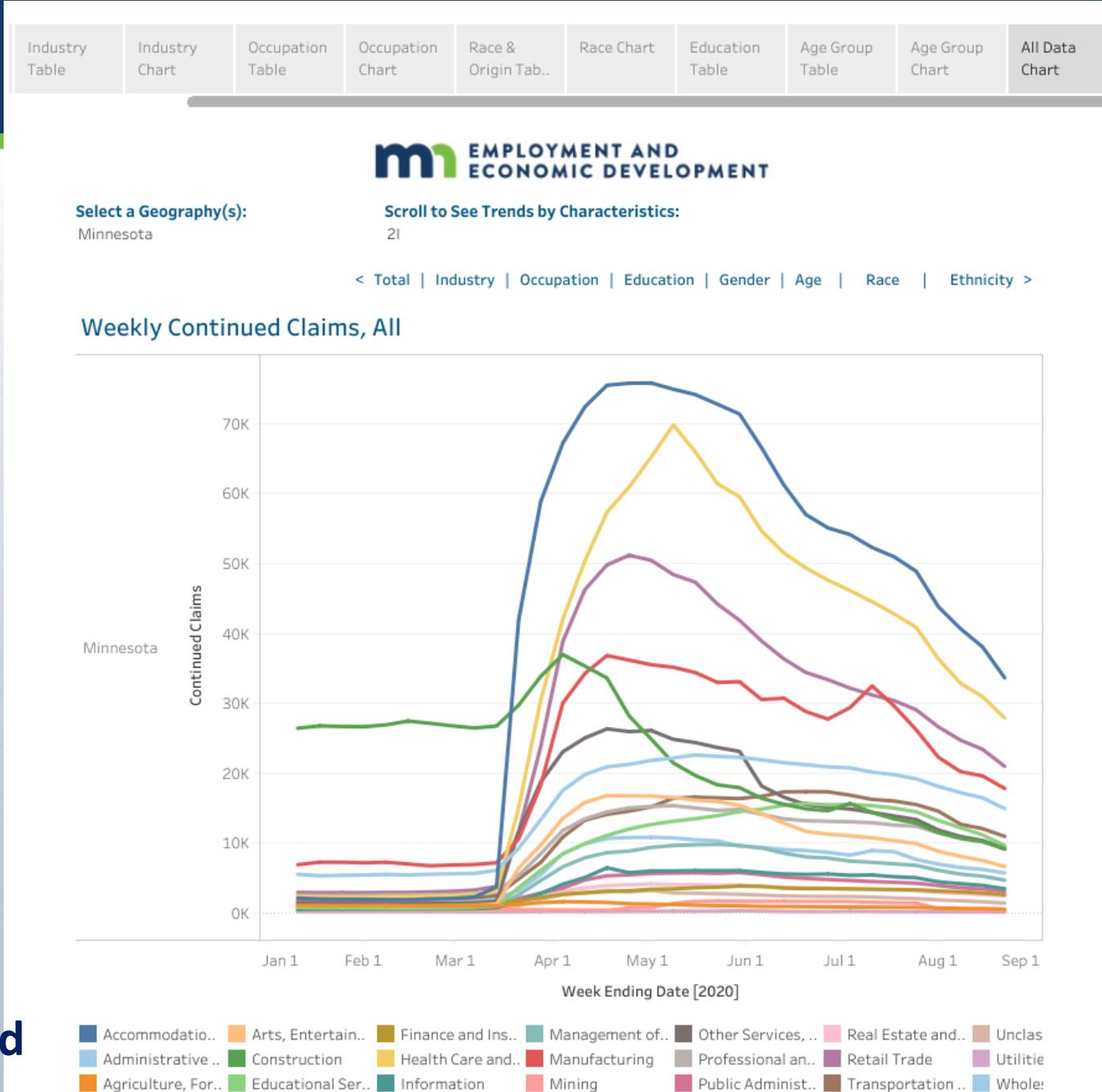
Minnesota Industry Stress Index Table (09/04/20)

Stress Index Rank	Change from Last Week	Industry	What question(s) does this information answer?	Which industries have seen the most disruption?	Which industries have the largest number of workers still laid off?	Which industries are still missing the largest share of their workforce?	Which industries have seen the largest increase in permanent layoffs?	How has employment changed compared to last year?	How does current employment compare to Pre-COVID employment?	How have sales tax receipts changed compared to last year?	Which industries are the most racially diverse?	Last Week Rank	
			Cumulative Count of UI Applications through 8/29/20	Weekly Continuing Claims Through 8/22/20	Ratio of Continuing Claims to July 2020 CES Employment	Permanent Layoff Continuing Claims, July 2020	CES Job Change Jan. 2019-July 2020	CES Job Change Mar. 2020-July 2020	Dept. of Revenue Sales Tax Filed, May 2019-May 2020	BIPOC Employment Percent			
1	↓	Accommodation & Food Services		129,734	33,649	19.1%	4,246		-16.9%		-55.0%	29.0%	1
2	↓	Arts, Entertainment, & Recreation		28,200	6,673	20.1%	571		-22.5%		-36.2%	17.6%	2
3	↑	Other Services, Ex. Public Admin		51,651	9,179	9.1%	1,038		-10.5%		-37.8%	18.1%	6
4	↓	Educational Services		40,354	9,670	6.2%	493		-27.8%		-58.0%	13.4%	3
5	↓	Health Care & Social Assistance		170,876	27,911	6.2%	2,235		-4.9%		-26.2%	25.1%	4
6	↑	Transportation & Warehousing		35,378	10,994	12.6%	883		-7.8%		-14.2%	19.2%	8
7	↓	Administrative Support & Waste Mgmt. Svcs.		46,676	14,958	11.3%	1,260		5.6%		-36.2%	33.2%	5
8	↓	Real Estate & Rental & Leasing		10,272	2,476	8.0%	269		-8.2%		-39.1%	16.4%	7
9	↑	Management of Companies		23,280	4,739	5.5%	545		-2.8%		-23.3%	16.3%	10
10	↓	Manufacturing		109,406	17,845	5.8%	1,914		-2.7%		-11.8%	23.9%	9
11	↓	Professional & Technical Services		35,036	9,511	6.3%	1,069		-3.8%		-17.1%	15.9%	11
12	↑	Retail Trade		102,193	21,002	7.2%	1,979		3.2%		15.3%	17.7%	14
13	↓	Information		27,447	3,508	8.8%	360		-11.3%		1.0%	13.3%	12
14	↓	Wholesale Trade		29,897	5,767	4.7%	590		-3.2%		-12.3%	11.9%	13
15	↓	Public Administration		15,899	3,132	1.7%	227		-2.3%		-7.5%	15.1%	15
16	↓	Mining		2,206	446	8.1%	13		-13.1%		6.2%	2.9%	16
17	↑	Construction		55,657	9,246	6.9%	565		23.6%		-0.9%	9.7%	18
18	↓	Finance & Insurance		10,578	2,670	1.7%	495		1.0%		3.7%	14.4%	17
19	↓	Agriculture, Forestry, Fishing & Hunting		2,456	589	2.8%	51				40.6%	23.7%	19
20	↓	Utilities		1,241	180	1.5%	13		1.1%		21.8%	6.7%	20
		<b>Total, All Industries</b>		<b>928,437</b>	<b>194,145</b>	<b>7.1%</b>	<b>18,908</b>		<b>-5.3%</b>		<b>-8.6%</b>	<b>19.8%</b>	

Notes: NAICS industry categories do not line up with CES Agriculture, Mining, and Public Administration industry categories. Sources: Daily and Weekly Unemployment Insurance Statistics, Quarterly Workforce Indicators, Quarterly Census of Employment and Wages, Current Employment Statistics. Sales Tax Receipts from MN Dept. of Revenue.

# Stress Index

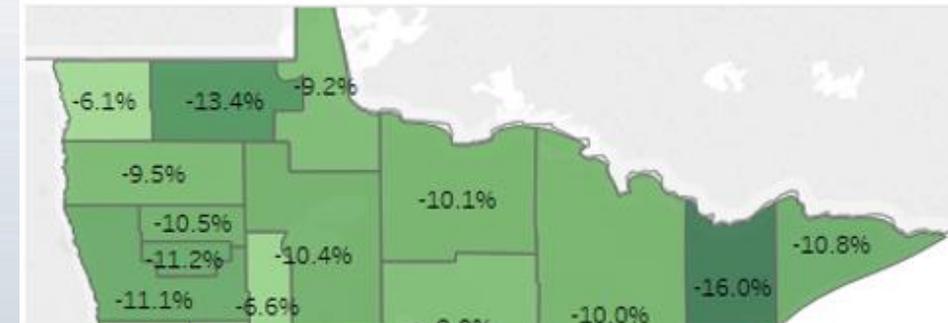
- **Certain industries have been hit much harder**
  - **Accommodation & Food Svcs.** still has the most claims
  - **Health Care & Social Assistance** saw a later peak, slower decline
  - **Retail Trade** was hit initially, but has recovered and sales are actually up from 2019
  - **Construction** is also up since the pandemic started
  - **Admin Support & Waste Mgmt. Svcs.** is showing recent growth  
*Temp help is a short-term solution*
  - **Other Services** has self-employed



# Regional Updates

- **Every region is seeing declines in continued claims over the past month**
  - Northeast and Northwest were most impacted right away (Leisure & Hospitality)
  - Southeast has been more impacted due to Health Care & Social Assistance, Manufacturing
  - Southwest has been the least impacted due to Manufacturing & Agriculture
  - **Claims activity is lingering in the Twin Cities**
    - Northwest is closest to being back to Pre-COVID claim levels; the Twin Cities is still 5 times higher!
    - Hennepin, Ramsey, Dakota, Olmsted, Scott, Mahnomen, Anoka, Washington, Carver, Nicollet, Nobles, and Blue Earth are all still up at least +300%
    - There are also 13 counties with fewer claims now than Pre-COVID; mostly in Northwest or Southwest
  - **Regions are responding differently**
    - Claims are lingering in the Twin Cities

Average Weekly Decline in Continuing Claims, Last 4 Weeks



Geography	Continuing Claims, Week Ending 8/22/2020	Current Week Continuing Claims compared to Pre-COVID Claims
<b>Minnesota</b>	<b>195,607</b>	<b>278.2%</b>
Central	19,205	166.0%
Northeast	9,955	206.0%
Northwest	11,164	128.6%
<b>Twin Cities</b>	<b>125,754</b>	<b>442.4%</b>
Southeast	13,074	248.6%
Southwest	8,684	174.5%

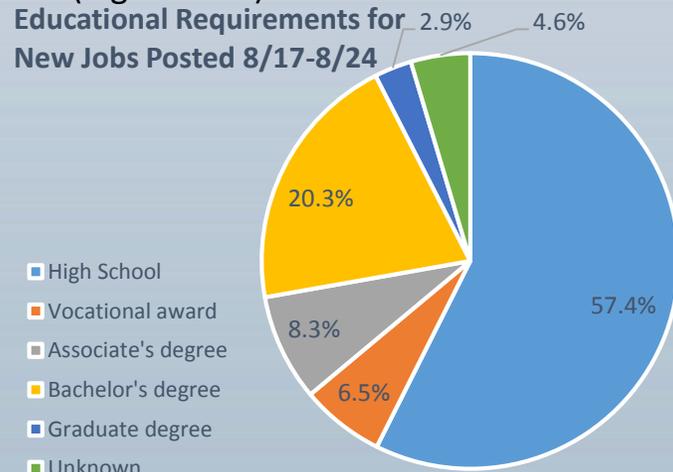
# Hiring Activity

According to data from National Labor Exchange, we surpassed 150,000 new jobs posted in Minnesota since we started tracking

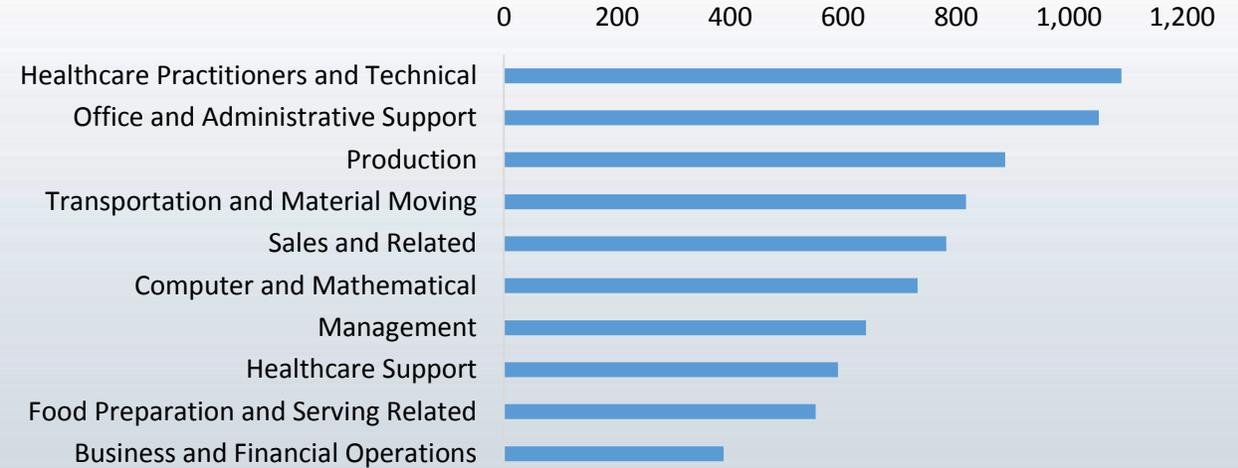
- From March 24 through August 24, we have now had **154,950 new jobs posted**, and we are now averaging about **1,400 new jobs posted per week** over the past month

According to National Labor Exchange, the occupations in highest demand (most new job postings over the past week) include:

- Registered Nurses (associate's degree)
- Heavy & Tractor Trailer Truck Drivers (high school, CDL)
- Nursing Assistants (vocational training)
- Software Developers (bachelor's degree)
- Customer Service Representatives (high school)
- Personal Care Aides (high school)
- Retail Salespersons (high school)
- First-Line Supervisors of Retail Sales Workers (high school)
- Helpers – Production Workers (high school)



## Top 10 job families with new job postings, August 17-24



## New MN job postings, March 24 - August 24

7-day rolling average



# CareerForceMN.com Blogs & Occupations in Demand

- We've been using CareerForceMN.com to communicate about occupations in demand during the pandemic – to help jobseekers who may switch from temporary layoff to permanent layoff to know where to go and what is available...
  - Healthcare
    - PCAs
    - CNAs
    - HHAs
    - RNs & LPNs
  - Software Developers
  - Transportation, Repair, Production, Office & Admin.



The screenshot shows a web browser window with the URL [careerforcemn.com/careerforce-blog/jobs-demand-health-care-and-social-assistance](https://careerforcemn.com/careerforce-blog/jobs-demand-health-care-and-social-assistance). The page title is "Jobs in Demand: Health Care and Social Assistance" by Cameron Macht, dated Tue, 05/19/2020. Below the title are social sharing options: Like, Add to favorites, and Share this (Facebook, LinkedIn, Twitter, Email). A photograph of a healthcare worker in blue scrubs, a face mask, and gloves is shown. The text below the photo states: "The health care and social assistance industry has been at the leading edge of the coronavirus pandemic, providing essential health care services to people in need. Because of continuing demand at nursing homes and other residential care facilities in particular, many of these workers are also in great need. According to job postings on [MinnesotaWorks.net](https://minnesotaworks.net) and other national job banks, the jobs in highest demand include:

- [Personal Care Aides \(PCAs\)](#)
- [Nursing Assistants \(CNAs\)](#)
- [Home Health Aides \(HHAs\)](#)

# Summary

- **The speed and scope of this job loss is unprecedented**
- **There are still more than 230,000 unemployed workers in Minnesota**
  - We are starting to see people dropping out of the labor force
- **Job losses have hit women, young people, and workers of color harder**
  - Over half of the state's Black or African American workers have filed a UI application; almost 25% are still filing continued claims
  - Unemp. rate gaps that had shrunk are widening again
- **Job losses have hit certain industries harder than others**
  - Leisure & Hospitality; Other Services; Health Care & Social Assistance
- **Job losses have hit certain regions of the state harder than others**
  - Layoffs are lingering in the Twin Cities
- **But jobs are coming back, and there are jobs available for job seekers**
  - Many without higher educational requirements

# DEED's Regional Analysts

*We've got you covered...*

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**Region 1**

**Area 1**

**Area 2**

**Area 3**

**Area 5**

**Area 6**

**Region 5**

**Region 2**

**Area 4**

**Region 3**

**Area 7**

**Area 8**

**Region 6**

**Region 4**

**Area 12**

**Area 10**

**Area 9**

**Area 14**

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# THANK YOU!

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