

Labor Market Information

North Central Workforce Development Board Meeting – April 1,
2020



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Overview of Presentation

- Source for the following data is: JobsEQ[®] - Chmura Economics and Analytics as of March 18, 2020.
- All data is available by county, multi county as well as regional and statewide.
- Additional data and reports are available upon request.

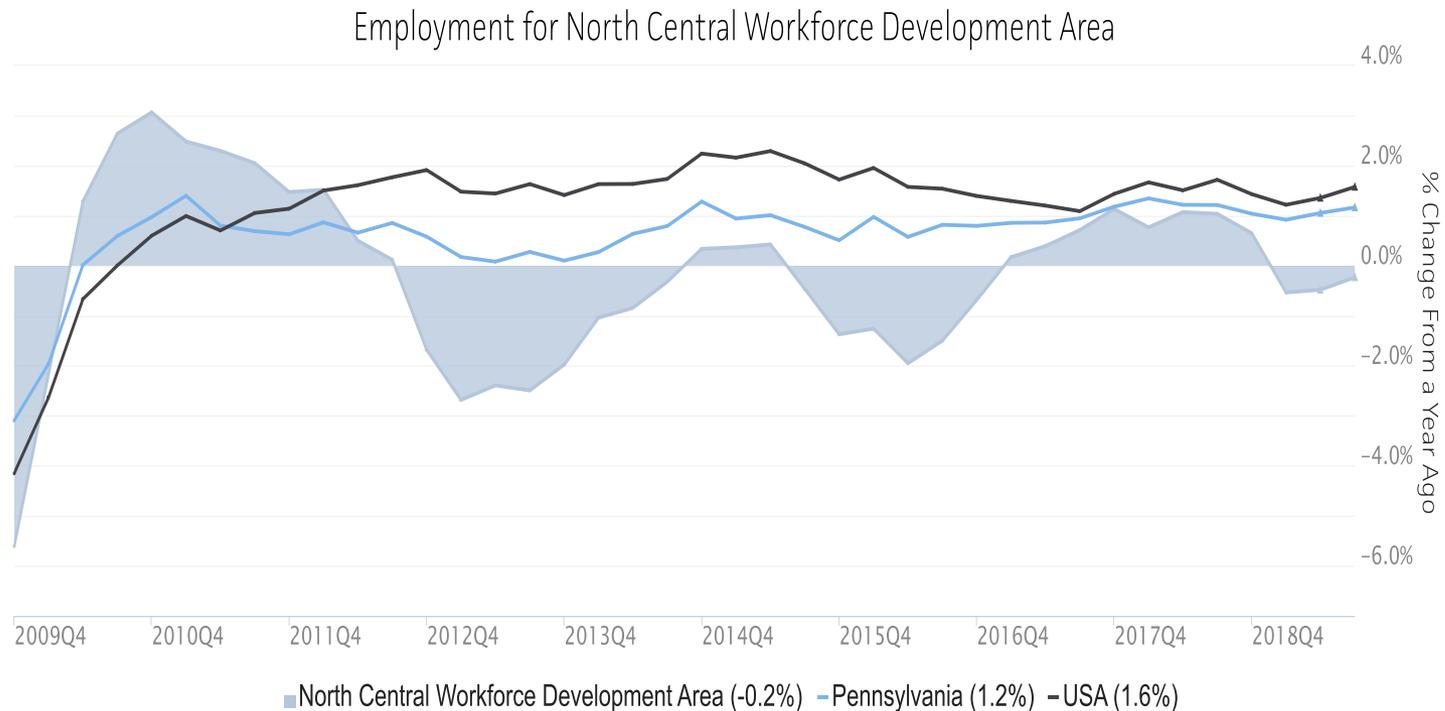
Demographic Profile

- The population in the North Central Workforce Development Area was 218,337 per American Community Survey data for 2014-2018.
- The region has a civilian labor force of 102,030 with a participation rate of 56.5%.
- Of individuals 25 to 64 in the North Central Workforce Development Area, 17.3% have a bachelor's degree or higher which compares with 32.9% in the nation.
- The median household income in the North Central Workforce Development Area is \$47,237 and the median house value is \$93,744.



Employment Trends

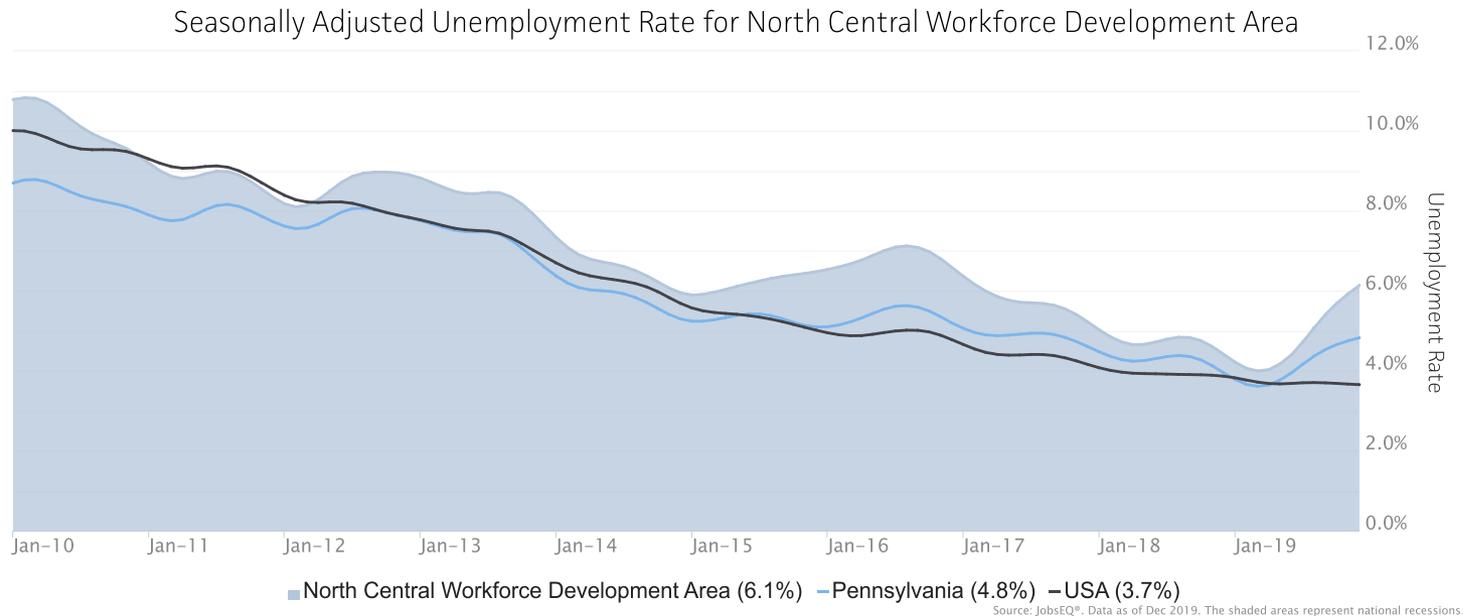
- As of 2019Q3, total employment for the North Central Workforce Development Area was 89,833 (based on a four-quarter moving average). Over the year ending 2019Q3, employment declined 0.2% in the region.



Source: JobsEQ®. Data as of 2019Q3. The shaded areas represent national recessions.

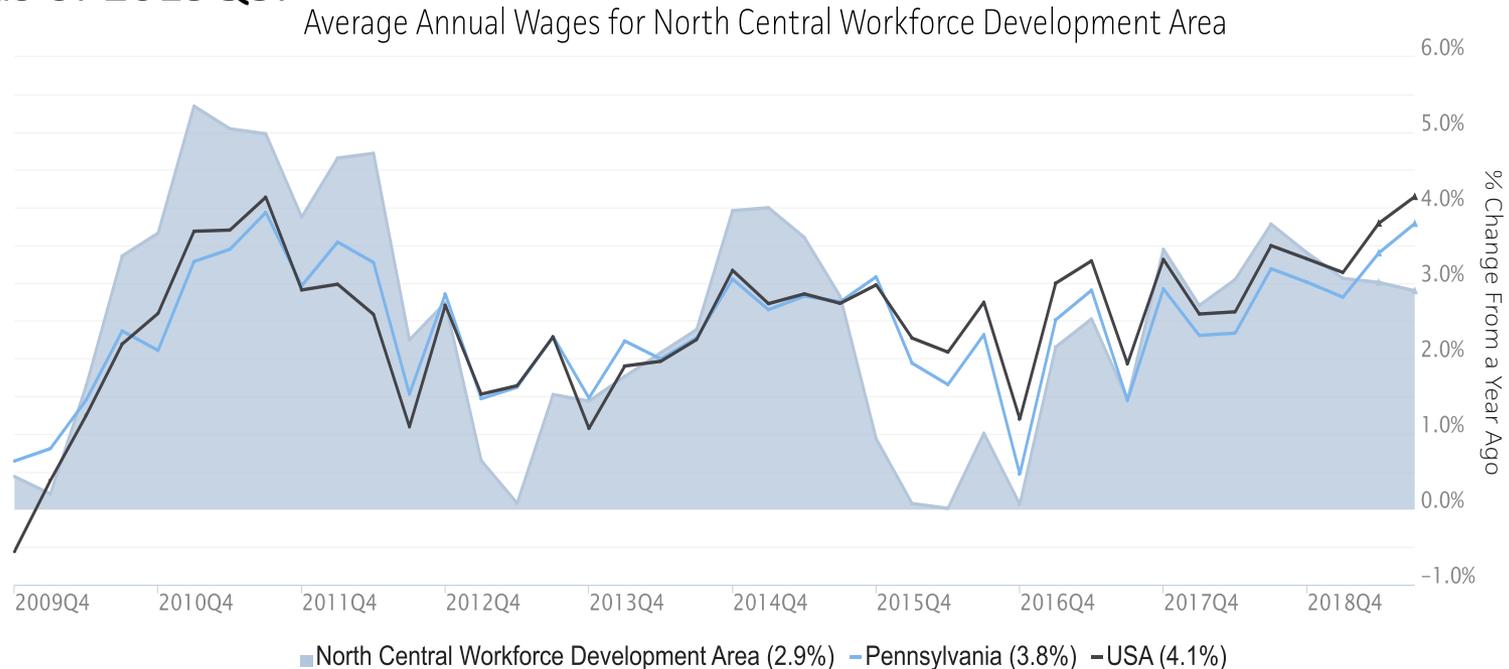
Unemployment Rate

- The seasonally adjusted unemployment rate for the North Central Workforce Development Area was 6.1% as of December 2019. The regional unemployment rate was higher than the national rate of 3.7%. One year earlier, in December 2018, the unemployment rate in the North Central Workforce Development Area was 4.4%.



Wage Trends

- The average worker in the North Central Workforce Development Area earned annual wages of \$41,058 as of 2019Q3. Average annual wages per worker increased 2.9% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$57,681 in the nation as of 2019Q3.



Source: JobsEQ®. Data as of 2019Q3. The shaded areas represent national recessions.

Cost of Living Index

- The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 6.5% lower in North Central Workforce Development Area than the U.S. average.

Cost of Living Information			
	Annual Average Salary	Cost of Living Index (Base US)	US Purchasing Power
North Central Workforce Development Area	\$41,058	93.5	\$43,895
Pennsylvania	\$56,081	106.2	\$52,809
USA	\$57,681	100.0	\$57,681

Source: [JobsEQ®](#)

Data as of 2019Q3

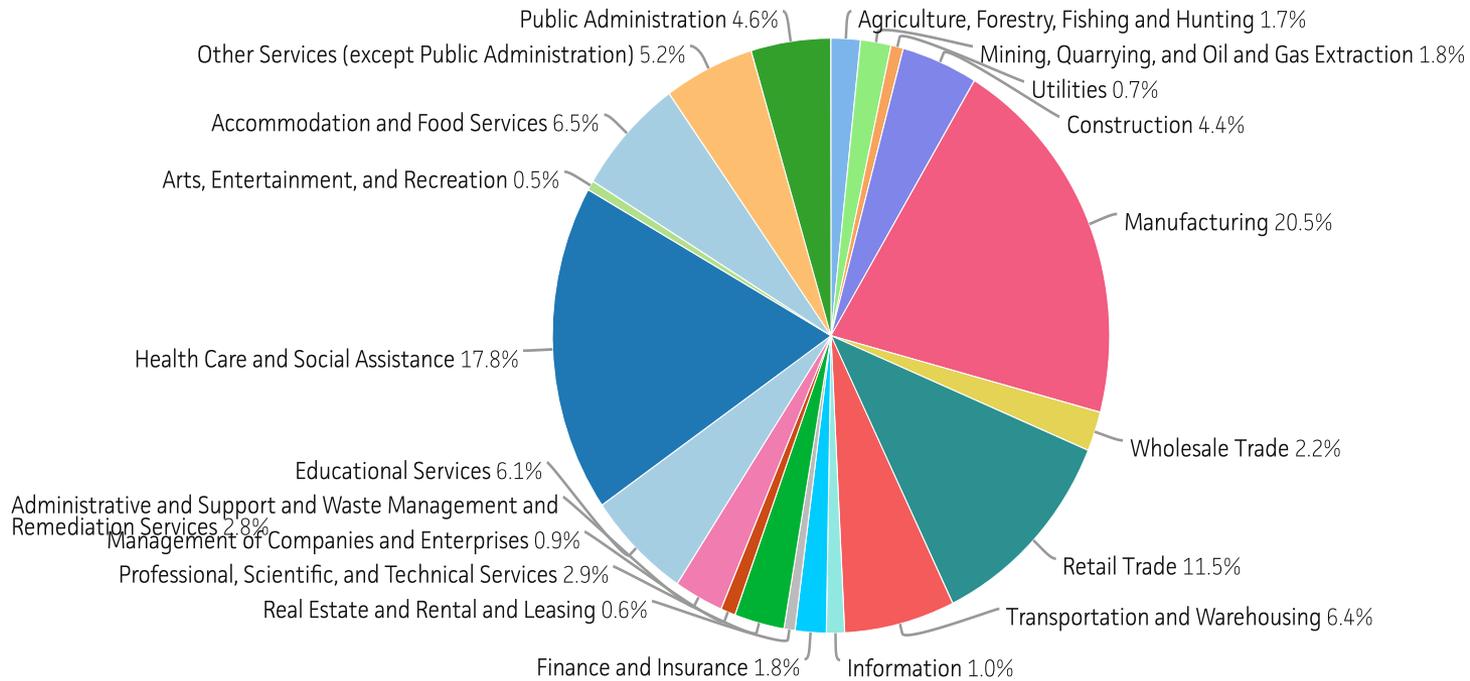
Cost of Living per C2ER, data as of 2019q2, imputed by Chmura where necessary.

Industry Snapshot

- The largest sector in the North Central Workforce Development Area is Manufacturing, employing 18,456 workers. The next-largest sectors in the region are Health Care and Social Assistance (15,989 workers) and Retail Trade (10,338).
- High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Mining, Quarrying, and Oil and Gas Extraction (LQ = 4.00), Manufacturing (2.49), and Transportation and Warehousing (1.43).

Industry Snapshot

Total Workers for North Central Workforce Development Area by Industry



Industry Snapshot

- Sectors in the North Central Workforce Development Area with the highest average wages per worker are Mining, Quarrying, and Oil and Gas Extraction (\$74,075), Utilities (\$70,015), and Management of Companies and Enterprises (\$68,833).
- Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Manufacturing (+619 jobs), Management of Companies and Enterprises (+408), and Accommodation and Food Services (+321).
- Over the next 1 year, employment in the North Central Workforce Development Area is projected to contract by 697 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +0.5% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+87 jobs), Arts, Entertainment, and Recreation (-2), and Construction (-3).

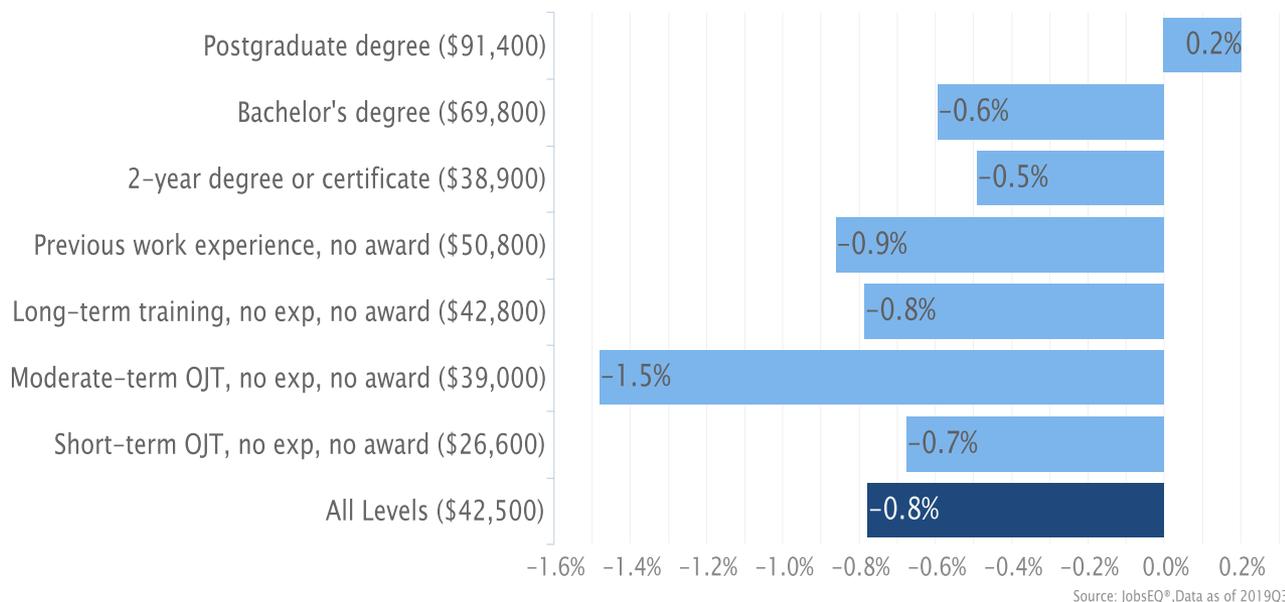
Occupation Snapshot

- The largest major occupation group in the North Central Workforce Development Area is **Office and Administrative Support Occupations**, employing 11,607 workers. The next-largest occupation groups in the region are **Production Occupations** (11,477 workers) and Sales and Related Occupations (8,305).
- High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are **Production Occupations** (LQ = 2.14), **Community and Social Service Occupations** (1.44), and **Transportation and Material Moving Occupations** (1.27).
- Occupation groups in the North Central Workforce Development Area with the highest average wages per worker are Management Occupations (\$100,100), Architecture and Engineering Occupations (\$69,900), and Healthcare Practitioners and Technical Occupations (\$68,100). The unemployment rate in the region varied among the major groups from 1.7% among Healthcare Practitioners and Technical Occupations to 8.0% among Farming, Fishing, and Forestry Occupations.
- Over the next 1 year, the fastest growing occupation group in the North Central Workforce Development Area is expected to be Personal Care and Service Occupations with a +1.0% year-over-year rate of growth.
- The strongest forecast by number of jobs over this period is expected for Personal Care and Service Occupations (+43 jobs) and Healthcare Support Occupations (+13).
- Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Office and Administrative Support Occupations (1,218 jobs) and Production Occupations (1,167).

Education Levels

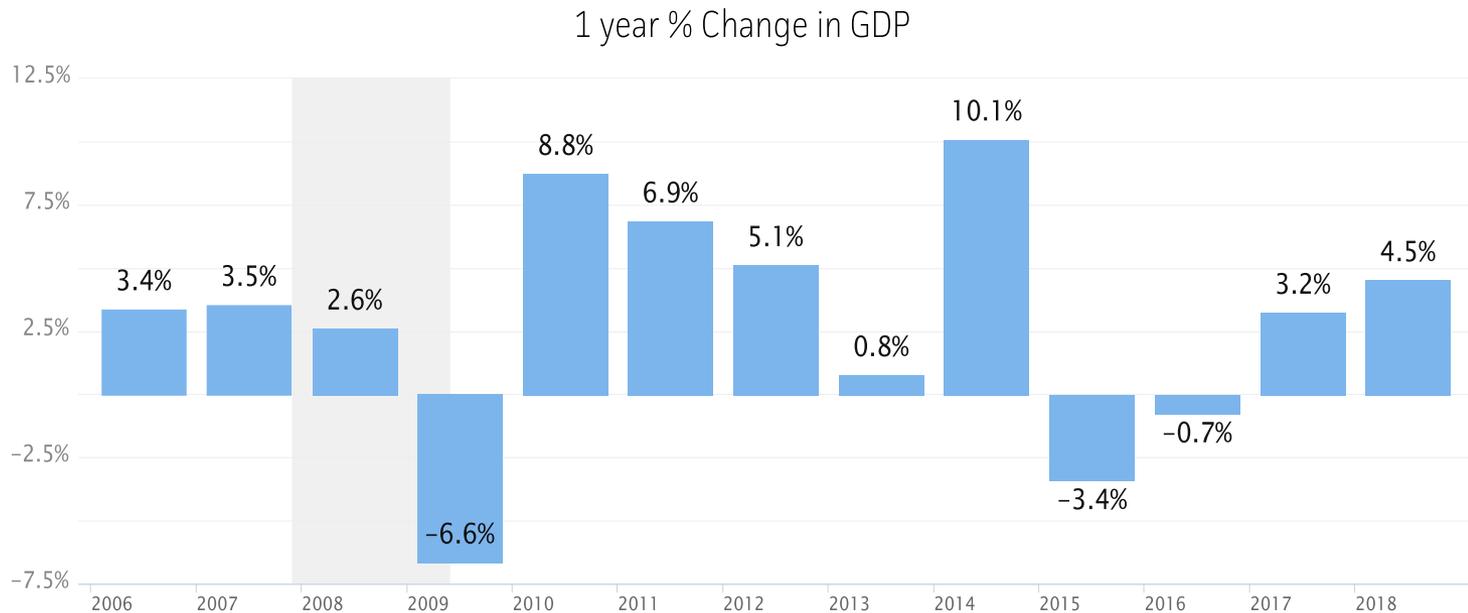
- Expected growth rates for occupations vary by the education and training required. While all employment in the North Central Workforce Development Area is projected to contract 0.8% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.2% per year, those requiring a bachelor's degree are forecast to contract 0.6% per year, and occupations typically needing a 2-year degree or certificate are expected to contract 0.5% per year.

Annual Average Projected Job Growth by Training Required for North Central Workforce Development Area



Gross Domestic Product

- Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2018, nominal GDP in the North Central Workforce Development Area expanded 4.5%. This follows growth of 3.2% in 2017. As of 2018, total GDP in the North Central Workforce Development Area was \$8,631,512,000.



Gross Domestic Product

- Of the sectors in the North Central Workforce Development Area, Manufacturing contributed the largest portion of GDP in 2018, \$2,066,836,000. The next-largest contributions came from Health Care and Social Assistance (\$972,774,000); Transportation and Warehousing (\$879,602,000); and Mining, Quarrying, and Oil and Gas Extraction (\$616,649,000).



State and Federal Impact – Jobs EQ

- On the federal level the rise in UC claims is 4 times bigger than any other one week increase and it is expected to increase even more next week. Then we should see an decrease!
 - In PA - Since March 15th, the PA Dept. of L and I has seen 834, 684 new unemployment claims.
- Chris Chmura – Economist and Director of Chmura Analytics “This is not a depression it will be sharp and short...but not a depression. We entered into this with a strong economy.”
- The data we have access to will not demonstrate the impact of this national disaster until early May.

Online Job Postings during the 4th quarter of 2019 – Top 15

(There were 7,094 total job postings in 445 different occupations)

53-3032.00	Heavy and Tractor-Trailer Truck Drivers	460
41-2031.00	Retail Salespersons	434
29-1141.00	Registered Nurses	307
21-1093.00	Social and Human Service Assistants	258
41-1011.00	First-Line Supervisors of Retail Sales Workers	235
35-3021.00	Combined Food Preparation and Serving Workers, Including Fast Food	189
41-2011.00	Cashiers	171
37-2011.00	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	169
11-9111.00	Medical and Health Services Managers	166
43-5081.01	Stock Clerks, Sales Floor	150
53-3033.00	Light Truck or Delivery Services Drivers	149
29-2061.00	Licensed Practical and Licensed Vocational Nurses	133
39-9021.00	Personal Care Aides	132
49-9071.00	Maintenance and Repair Workers, General	120
31-1014.00	Nursing Assistants	113

Current Active Online Job Postings By Occupation – Top 15

(As of March 30, 2020 there were 3,059 total job postings in 342 different occupations in the North Central Workforce Development Area)

41-2031.00	Retail Salespersons	206
29-1141.00	Registered Nurses	164
11-9111.00	Medical and Health Services Managers	150
21-1093.00	Social and Human Service Assistants	136
41-1011.00	First-Line Supervisors of Retail Sales Workers	132
35-3021.00	Combined Food Preparation and Serving Workers, Including Fast Food	126
37-2011.00	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	83
39-9021.00	Personal Care Aides	78
49-9071.00	Maintenance and Repair Workers, General	65
29-2061.00	Licensed Practical and Licensed Vocational Nurses	62
35-1012.00	First-Line Supervisors of Food Preparation and Serving Workers	61
31-1014.00	Nursing Assistants	57
53-3032.00	Heavy and Tractor-Trailer Truck Drivers	55
43-5081.01	Stock Clerks, Sales Floor	52
31-1011.00	Home Health Aides	51