

Economic Overview

North Central Workforce Development Area



Demographic Profile	3
Employment Trends	5
Jnemployment Rate	
Wage Trends	6
Cost of Living Index	7
ndustry Snapshot	8
Occupation Snapshot	10
ndustry Clusters	12
Education Levels	13
Gross Domestic Product	14
North Central Workforce Development Area Regional Map	15
Region Definition	16
FAQ	17



Demographic Profile

The population in the North Central Workforce Development Area was 216,912 per American Community Survey data for 2015-2019.

The region has a civilian labor force of 101,570 with a participation rate of 56.6%. Of individuals 25 to 64 in the North Central Workforce Development Area, 17.6% have a bachelor's degree or higher which compares with 33.5% in the nation.

The median household income in the North Central Workforce Development Area is \$48,895 and the median house value is \$96,462.

	Sum	Summary ¹										
	North Central Workforce Development	Percent		North Central Workforce Development	Value							
	Area	Pennsylvania	USA	Area	Pennsylvania	USA						
Demographics												
Population (ACS)	_	_	_	216,912	12,791,530	324,697,795						
Male	51.3%	49.0%	49.2%	111,255	6,265,113	159,886,919						
Female	48.7%	51.0%	50.8%	105,657	6,526,417	164,810,876						
Median Age ²	-	-	-	45.1	40.8	38.1						
Under 18 Years	19.6%	20.8%	22.6%	42,547	2,662,391	73,429,392						
18 to 24 Years	7.7%	9.2%	9.4%	16,710	1,174,907	30,646,327						
25 to 34 Years	11.2%	13.1%	13.9%	24,235	1,680,907	45,030,415						
35 to 44 Years	11.3%	11.7%	12.6%	24,580	1,493,904	40,978,831						
45 to 54 Years	14.1%	13.2%	13.0%	30,550	1,692,870	42,072,620						
55 to 64 Years	15.5%	14.1%	12.9%	33,592	1,804,831	41,756,414						
65 to 74 Years	11.3%	10.0%	9.1%	24,489	1,276,690	29,542,266						
75 Years, and Over	9.3%	7.9%	6.5%	20,209	1,005,030	21,241,530						
Race: White	96.0%	80.5%	72.5%	208,136	10,300,602	235,377,662						
Race: Black or African American	1.8%	11.2%	12.7%	3,920	1,430,664	41,234,642						
Race: American Indian and Alaska Native	0.2%	0.2%	0.8%	380	24,691	2,750,143						
Race: Asian	0.5%	3.4%	5.5%	985	436,324	17,924,209						
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.0%	0.2%	68	4,198	599,868						
Race: Some Other Race	0.3%	2.2%	4.9%	674	275,177	16,047,369						
Race: Two or More Races	1.3%	2.5%	3.3%	2,749	319,874	10,763,902						
Hispanic or Latino (of any race)	1.9%	7.3%	18.0%	4,161	935,216	58,479,370						
Population Growth												
Population (Pop Estimates) ⁴	-	-	-	214,188	12,801,989	328,239,523						
Population Annual Average Growth ⁴	-0.5%	0.1%	0.7%	-1,122	13,513	2,146,799						
People per Square Mile	_	-	_	42.2	286.1	92.9						
Economic												
Labor Force Participation Rate and Size (civilian population 16 years and over)	56.6%	62.7%	63.2%	101,570	6,546,834	163,555,585						
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)	76.5%	83.1%	82.1%	60,692	4,040,409	104,634,905						
Armed Forces Labor Force	0.0%	0.1%	0.4%	45	6,555	1,073,907						
Veterans, Age 18-64	5.7%	4.2%	4.6%	7,390	329,747	9,143,042						
Veterans Labor Force Participation Rate and Size, Age 18-64	71.4%	77.2%	76.6%	5,280	254,675	7,003,778						
Median Household Income ²	_	_	_	\$48,895	\$61,744	\$62,843						
Per Capita Income	_	_	_	\$25,911	\$34,352	\$34,103						
Mean Commute Time (minutes)	_	_	-	23.6	27.2	26.9						



Summary¹

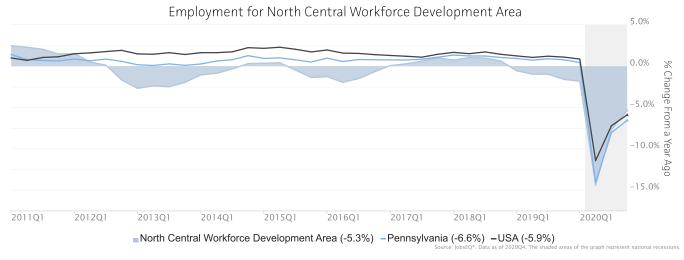
		Percent		Value					
	North Central Workforce Development			North Central Workforce Development					
	Area	Pennsylvania	USA	Area	Pennsylvania	USA			
Commute via Public Transportation	0.5%	5.6%	5.0%	444	340,838	7,641,160			
Educational Attainment, Age 25-64									
No High School Diploma	8.8%	7.9%	10.9%	9,930	530,042	18,550,150			
High School Graduate	47.1%	32.0%	25.7%	53,151	2,133,551	43,627,868			
Some College, No Degree	14.9%	16.5%	20.7%	16,886	1,100,935	35,174,790			
Associate's Degree	11.6%	9.5%	9.1%	13,055	635,580	15,526,064			
Bachelor's Degree	12.2%	21.2%	21.2%	13,772	1,413,977	35,997,848			
Postgraduate Degree	5.5%	12.9%	12.3%	6,163	858,427	20,961,560			
Housing									
Total Housing Units	-	_	-	118,386	5,693,314	137,428,986			
Median House Value (of owner-occupied units) ²	_	_	_	\$96,462	\$180,200	\$217,500			
Homeowner Vacancy	2.1%	1.6%	1.6%	1,472	56,396	1,257,737			
Rental Vacancy	4.9%	5.4%	6.0%	1,129	91,773	2,793,023			
Renter-Occupied Housing Units (% of Occupied Units)	24.1%	31.1%	36.0%	21,601	1,572,128	43,481,667			
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	8.1%	10.9%	8.6%	7,220	552,961	10,395,713			
Social									
Poverty Level (of all people)	14.2%	12.4%	13.4%	29,223	1,539,183	42,510,843			
Households Receiving Food Stamps/SNAP	16.2%	13.3%	11.7%	14,480	671,089	14,171,567			
Enrolled in Grade 12 (% of total population)	1.2%	1.3%	1.4%	2,628	161,905	4,422,344			
Disconnected Youth ³	4.6%	2.2%	2.5%	447	14,823	423,273			
Children in Single Parent Families (% of all children)	34.1%	34.6%	34.1%	13,583	877,401	23,790,005			
Uninsured	5.2%	5.7%	8.8%	10,888	715,285	28,248,613			
With a Disability, Age 18-64	15.0%	11.3%	10.3%	18,497	876,280	20,187,604			
With a Disability, Age 18-64, Labor Force Participation Rate and Size	39.9%	42.6%	42.2%	7,388	373,358	8,509,463			
Foreign Born	1.6%	6.9%	13.6%	3,437	882,350	44,011,870			
Speak English Less Than Very Well (population 5 yrs and over)	1.2%	4.3%	8.4%	2,469	522,261	25,615,365			

Source: JobsEQ[®]
1. American Community Survey 2015-2019, unless noted otherwise
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.
3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.
4. Census 2019, annual average growth rate since 2009



Employment Trends

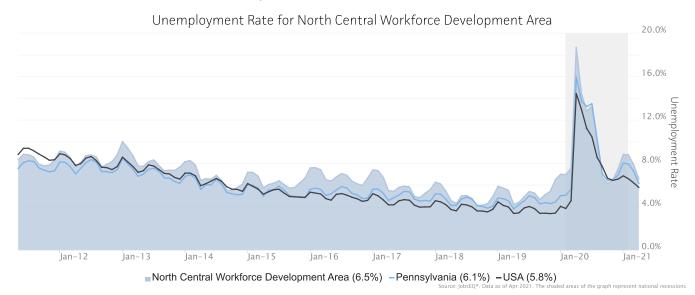
As of 2020Q4, total employment for the North Central Workforce Development Area was 82,462 (based on a fourquarter moving average). Over the year ending 2020Q4, employment declined 5.3% in the region.



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4.

Unemployment Rate

The unemployment rate for the North Central Workforce Development Area was 6.5% as of April 2021. The regional unemployment rate was higher than the national rate of 5.8%. One year earlier, in April 2020, the unemployment rate in the North Central Workforce Development Area was 18.7%.

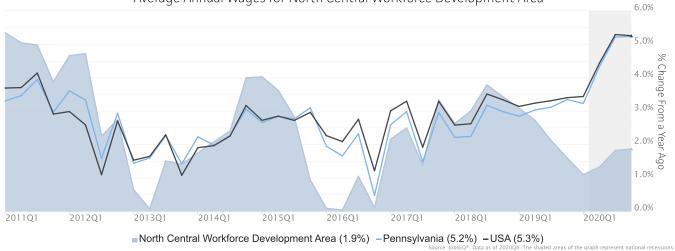


Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through April 2021.



Wage Trends

The average worker in the North Central Workforce Development Area earned annual wages of \$41,563 as of 2020Q4. Average annual wages per worker increased 1.9% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$60,761 in the nation as of 2020Q4.



Average Annual Wages for North Central Workforce Development Area

Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4.



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 5.3% lower in North Central Workforce Development Area than the U.S. average.

Cost of Living Information

		Cost of Living Inde	x
	Annual Average Salary	(Base US)	US Purchasing Power
North Central Workforce Development Area	\$41,563	94.7	\$43,907
Pennsylvania	\$59,188	106.5	\$55,600
USA	\$60,761	100.0	\$60,761

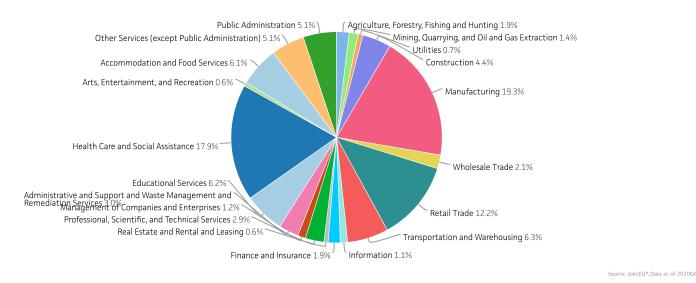
Source: JobsEQ[®] Data as of 2020Q4

Cost of Living per C2ER, data as of 2020q4, imputed by Chmura where necessary.



Industry Snapshot

The largest sector in the North Central Workforce Development Area is Manufacturing, employing 15,901 workers. The next-largest sectors in the region are Health Care and Social Assistance (14,725 workers) and Retail Trade (10,093). 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 = 3.70), Manufacturing (2.33), and Agriculture, Forestry, Fishing and Hunting (1.38).



Total Workers for North Central Workforce Development Area by Industry

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4.

Sectors in the North Central Workforce Development Area with the highest average wages per worker are Mining, Quarrying, and Oil and Gas Extraction (\$67,613), Management of Companies and Enterprises (\$67,000), and Utilities (\$60,991). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Management of Companies and Enterprises (+526 jobs), Agriculture, Forestry, Fishing and Hunting (+38), and Administrative and Support and Waste Management and Remediation Services (-45).

Over the next 1 year, employment in the North Central Workforce Development Area is projected to contract by 845 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +0.3% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+49 jobs), Arts, Entertainment, and Recreation (-1), and Mining, Quarrying, and Oil and Gas Extraction (-4).



NAICS											
			Avg Ann		Empl		Total			Empl	Ann %
21	Industry	Empl	Wages	LQ	Change	Ann %	Demand	Exits	Transfers	Growth	Growth
51	Manufacturing	15,901	\$50,870	2.33	-2,011	-2.4%	1,334	606	1,038	-311	-2.0%
62	Health Care and Social Assistance	14,725	\$44,887	1.20	-1,114	-1.4%	1,436	682	705	49	0.3%
44	Retail Trade	10,093	\$26,849	1.19	-493	-0.9%	1,168	592	747	-171	-1.7%
48	Transportation and Warehousing	5,198	\$48,165	1.30	-259	-1.0%	498	234	317	-53	-1.0%
61	Educational Services	5,124	\$44,291	0.76	-669	-2.4%	419	227	245	-53	-1.0%
72	Accommodation and Food Services	5,045	\$14,254	0.80	-628	-2.3%	783	360	453	-30	-0.6%
81	Other Services (except Public Administration)	4,219	\$23,058	1.19	-368	-1.7%	438	218	260	-40	-1.0%
92	Public Administration	4,204	\$49,217	1.02	-76	-0.4%	335	163	221	-49	-1.2%
23	Construction	3,640	\$42,411	0.75	-298	-1.6%	318	127	228	-37	-1.0%
56	Administrative and Support and Waste Management and Remediation Services	2,510	\$35,045	0.49	-45	-0.4%	271	122	166	-18	-0.7%
54	Professional, Scientific, and Technical Services	2,363	\$49,594	0.40	-59	-0.5%	178	75	126	-23	-1.0%
42	Wholesale Trade	1,717	\$49,025	0.54	-299	-3.2%	152	67	112	-28	-1.6%
11	Agriculture, Forestry, Fishing and Hunting	1,586	\$25,920	1.38	38	0.5%	139	73	98	-31	-2.0%
52	Finance and Insurance	1,530	\$51,331	0.44	-220	-2.7%	122	54	88	-20	-1.3%
21	Mining, Quarrying, and Oil and Gas Extraction	1,144	\$67,613	3.70	-1,193	-13.3%	113	38	78	-4	-0.3%
55	Management of Companies and Enterprises	996	\$67,000	0.78	526	16.2%	83	33	56	-7	-0.7%
51	Information	908	\$46,695	0.56	-60	-1.3%	59	31	55	-27	-3.0%
22	Utilities	582	\$60,991	1.31	-92	-2.9%	42	19	33	-10	-1.7%
53	Real Estate and Rental and Leasing	509	\$35,062	0.35	-95	-3.4%	43	23	28	-8	-1.6%
71	Arts, Entertainment, and Recreation	467	\$19,530	0.35	-69	-2.7%	65	29	36	-1	-0.1%
	Total - All Industries	82,462	\$41,563	1.00	-7,484	-1.7%	8,100	3,824	5,120	-845	-1.0%

Source: <u>lobsEQ</u>[®] Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4. Forecast employment growth uses national projections adapted for regional growth patterns.



Occupation Snapshot

The largest major occupation group in the North Central Workforce Development Area is Production Occupations, employing 9,784 workers. The next-largest occupation groups in the region are Office and Administrative Support Occupations (9,379 workers) and Transportation and Material Moving Occupations (8,384). 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 = 2.02), Community and Social Service Occupations (1.43), and Healthcare Support Occupations (1.23).

Occupation groups in the North Central Workforce Development Area with the highest average wages per worker are Management Occupations (\$96,200), Legal Occupations (\$95,200), and Healthcare Practitioners and Technical Occupations (\$73,100). The unemployment rate in the region varied among the major groups from 2.9% among Legal Occupations to 20.0% among Food Preparation and Serving Related Occupations.

Over the next 1 year, the fastest growing occupation group in the North Central Workforce Development Area is expected to be Healthcare Support Occupations with a +1.1% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Support Occupations (+49 jobs) and Community and Social Service Occupations (+11). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Sales and Related Occupations (1,077 jobs) and Production Occupations (1,025).

			Current					5-Year History				1-Year Forecast			
			Mean Ann			Unempl	Online	Empl		Total			Empl	Ann %	
SOC	Occupation	Empl	Wages ²	LQ	Unempl	Rate	Job Ads ³	Change	Ann %	Demand	Exits	Transfers	Growth	Growth	
51-0000	Production	9,784	\$37,500	2.02	1,143	10.1%	280	-1,520	-2.8%	820	339	686	-204	-2.1%	
43-0000	Office and Administrative Support	9,379	\$35,100	0.88	846	8.0%	352	-1,168	-2.3%	836	428	582	-174	-1.9%	
53-0000	Transportation and Material Moving	8,384	\$35,800	1.20	1,193	11.7%	541	-732	-1.7%	921	371	639	-88	-1.1%	
41-0000	Sales and Related	7,889	\$35,900	0.99	1,084	11.7%	644	-596	-1.4%	944	434	643	-133	-1.7%	
35-0000	Food Preparation and Serving Related	5,524	\$22,900	0.89	1,443	20.0%	402	-657	-2.2%	909	377	557	-25	-0.5%	
29-0000	Healthcare Practitioners and Technical	4,985	\$73,100	1.03	186	3.6%	579	-225	-0.9%	263	128	153	-19	-0.4%	
11-0000	Management	4,634	\$96,200	0.85	200	4.4%	168	-194	-0.8%	326	128	246	-48	-1.0%	
31-0000	Healthcare Support	4,533	\$28,400	1.23	369	7.2%	404	-251	-1.1%	631	285	296	49	1.1%	
25-0000	Educational Instruction and Library	4,058	\$50,500	0.88	388	8.9%	81	-604	-2.7%	308	156	188	-36	-0.9%	
47-0000	Construction and Extraction	3,809	\$45,400	0.99	592	11.3%	105	-727	-3.4%	382	120	294	-33	-0.9%	
49-0000	Installation, Maintenance, and Repair	3,646	\$45,900	1.15	357	7.6%	203	-333	-1.7%	299	109	229	-39	-1.1%	
13-0000	Business and Financial Operations	2,874	\$59,800	0.62	133	5.1%	92	76	0.5%	236	77	187	-28	-1.0%	
37-0000	Building and Grounds Cleaning and Maintenance	2,261	\$28,500	0.83	321	11.6%	181	-198	-1.7%	276	125	164	-13	-0.6%	
21-0000	Community and Social Service	2,088	\$43,900	1.43	58	3.0%	229	35	0.3%	233	73	149	11	0.5%	
39-0000	Personal Care and Service	1,833	\$27,200	0.87	416	18.1%	52	-187	-1.9%	258	117	149	-8	-0.4%	
33-0000	Protective Service	1,796	\$50,600	1.00	175	8.4%	52	-86	-0.9%	157	80	99	-22	-1.2%	
17-0000	Architecture and Engineering	1,640	\$72,100	1.13	80	5.2%	49	-144	-1.7%	103	37	85	-19	-1.1%	

North Central Workforce Development Area, 2020Q41



North Central Workforce Development Area, 2020Q4¹

			Current					5-Year History				1-Year Forecast		
SOC	Occupation	Empl	Mean Ann Wages ²	LQ	Unempl	Unempl Rate	Online Job Ads ³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
15-0000	Computer and Mathematical	1,060	\$67,800	0.41	38	4.1%	72	21	0.4%	65	17	58	-11	-1.0%
27-0000	Arts, Design, Entertainment, Sports, and Media	798	\$41,300	0.55	95	12.9%	43	-60	-1.4%	71	30	53	-12	-1.5%
45-0000	Farming, Fishing, and Forestry	595	\$44,500	1.08	62	9.9%	3	109	4.1%	75	21	67	-13	-2.3%
19-0000	Life, Physical, and Social Science	535	\$68,300	0.71	25	5.3%	25	-27	-1.0%	42	10	36	-4	-0.8%
23-0000	Legal	357	\$95,200	0.51	11	2.9%	3	-17	-0.9%	18	8	13	-3	-0.9%
	Total - All Occupations	82,462	\$44,600	1.00	9,215	9.8%	4,560	-7,484	-1.7%	8,196	3,470	5,574	-848	-1.0%

Source: JobsEQ®

Data as of 2020Q4 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Data based on a four-quarter moving average unless noted otherwise.

2. Wage data are as of 2020 and represent the average for all Covered Employment

3. Data represent found online ads active within the last thirty days in the selected region; data represents a sampling rather than the complete universe of postings. Ads lacking zip code information but designating a place (city, town, etc.) may be assigned to the zip code with greatest employment in that place for queries in this analytic. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list).

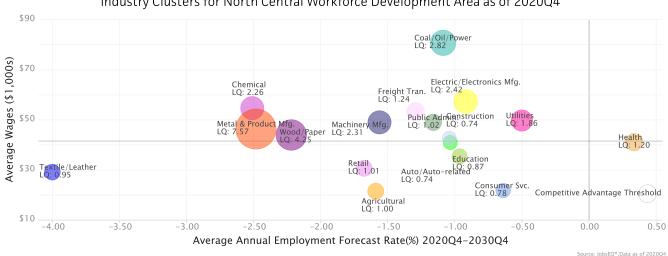
Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of

Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2020Q3, imputed where necessary with preliminary estimates updated to 2020Q4. Wages by occupation are as of 2020 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



Industry Clusters

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in the North Central Workforce Development Area with the highest relative concentration is Metal & Product Mfg. with a location quotient of 7.57. This cluster employs 4,705 workers in the region with an average wage of \$46,298. Employment in the Metal & Product Mfg. cluster is projected to contract in the region about 2.5% per year over the next ten years.



Industry Clusters for North Central Workforce Development Area as of 2020Q4

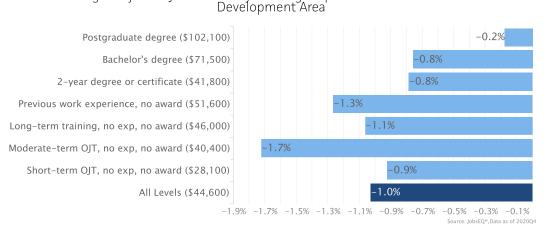
Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2020Q3 with preliminary estimates updated to 2020Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



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 1.0% over the next ten years, occupations typically requiring a postgraduate degree are expected to contract 0.2% per year, those requiring a bachelor's degree are forecast to contract 0.8% per year, and occupations typically needing a 2-year degree or certificate are expected to contract 0.8% per year.

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

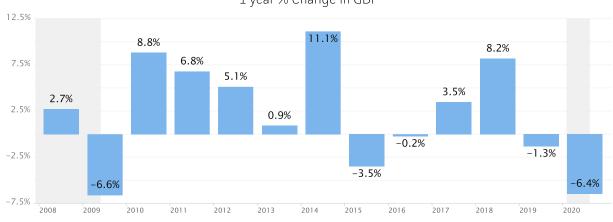


Employment by occupation data are estimates are as of 2020Q4. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



Gross Domestic Product

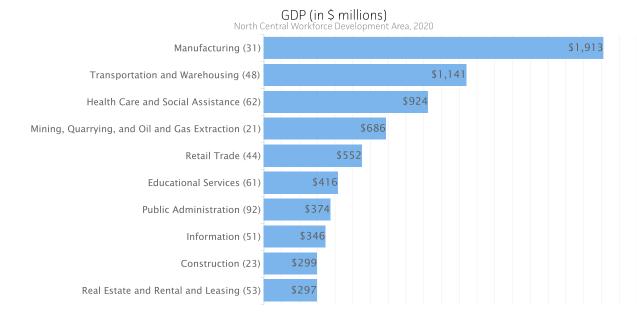
Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2020, nominal GDP in the North Central Workforce Development Area contracted 6.4%. This follows a contraction of 1.3% in 2019. As of 2020, total GDP in the North Central Workforce Development Area was \$8,384,731,000.



1 year % Change in GDP

Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2020.

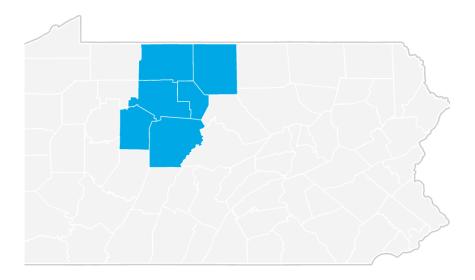
Of the sectors in the North Central Workforce Development Area, Manufacturing contributed the largest portion of GDP in 2020, \$1,912,726,000 The next-largest contributions came from Transportation and Warehousing (\$1,141,388,000); Health Care and Social Assistance (\$924,037,000); and Mining, Quarrying, and Oil and Gas Extraction (\$686,134,000).



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2020.



North Central Workforce Development Area Regional Map





Region Definition

North Central Workforce Development Area is defined as the following counties:

Jefferson County, Pennsylvania

Elk County, Pennsylvania

Cameron County, Pennsylvania

Clearfield County, Pennsylvania

Mckean County, Pennsylvania

Potter County, Pennsylvania



FAQ

What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a competitive advantage in that cluster.

What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the "all industry" level to the 6-digit level. The first two digits define the top level category, known as the "sector," which is the level examined in this report.

What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 804 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 22 major groups, 95 minor groups, and 452 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

About This Report



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