

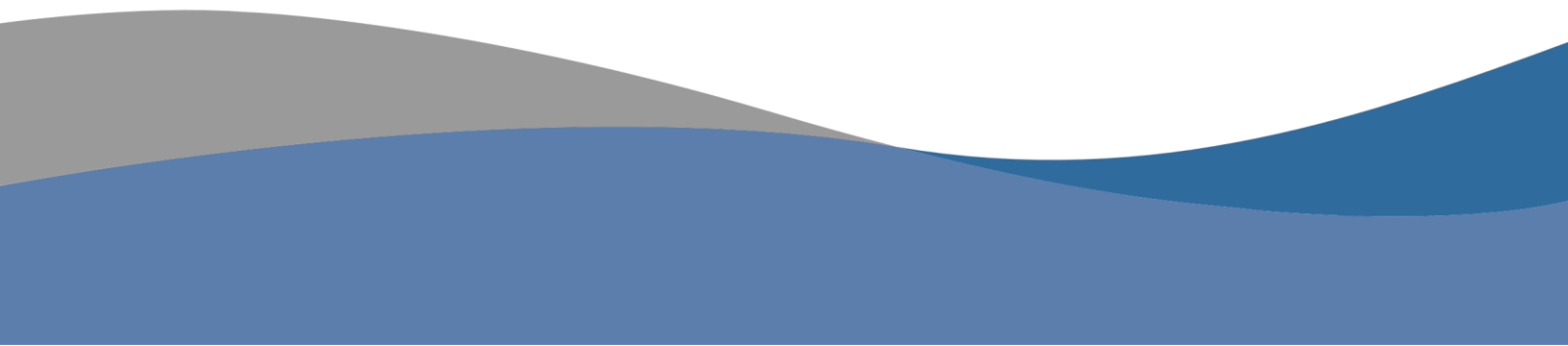


## Economic Overview

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# Youngstown Area Goodwill Industries

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# Demographic Profile

The population in the Youngstown Area Goodwill Industries was 727,958 per American Community Survey data for 2018-2022.

The region has a civilian labor force of 343,870 with a participation rate of 57.3%. Of individuals 25 to 64 in the Youngstown Area Goodwill Industries, 23.9% have a bachelor's degree or higher which compares with 35.8% in the nation.

The median household income in the Youngstown Area Goodwill Industries is \$55,084 and the median house value is \$129,896.

## Summary<sup>1</sup>

Demographics	Percent			Value		
	Youngstown Area Goodwill Industries	Ohio	USA	Youngstown Area Goodwill Industries	Ohio	USA
Population (ACS)	—	—	—	727,958	11,774,683	331,097,593
Male	49.4%	49.4%	49.6%	359,435	5,814,736	164,200,298
Female	50.6%	50.6%	50.4%	368,523	5,959,947	166,897,295
Median Age <sup>2</sup>	—	—	—	44.1	39.6	38.5
Under 18 Years	20.0%	22.0%	22.1%	145,911	2,593,322	73,213,705
18 to 24 Years	8.3%	9.2%	9.4%	60,640	1,083,657	31,282,896
25 to 34 Years	11.4%	13.1%	13.7%	83,170	1,544,773	45,388,153
35 to 44 Years	11.1%	12.2%	12.9%	80,779	1,439,860	42,810,359
45 to 54 Years	12.4%	12.3%	12.4%	90,109	1,447,565	41,087,357
55 to 64 Years	14.9%	13.6%	12.9%	108,574	1,596,944	42,577,475
65 to 74 Years	12.6%	10.4%	9.7%	91,638	1,225,285	32,260,679
75 Years and Over	9.2%	7.2%	6.8%	67,137	843,277	22,476,969
Race: White	85.5%	78.8%	65.9%	622,503	9,281,702	218,123,424
Race: Black or African American	8.3%	12.3%	12.5%	60,330	1,449,450	41,288,572
Race: American Indian and Alaska Native	0.1%	0.1%	0.8%	924	17,094	2,786,431
Race: Asian	0.7%	2.4%	5.8%	4,775	283,278	19,112,979
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.0%	0.2%	318	4,037	624,863
Race: Some Other Race	0.9%	1.3%	6.0%	6,683	157,485	20,018,544
Race: Two or More Races	4.5%	4.9%	8.8%	32,425	581,637	29,142,780
Hispanic or Latino (of any race)	3.3%	4.2%	18.7%	24,298	494,625	61,755,866
<b>Population Growth</b>						
Population (Pop Estimates) <sup>4</sup>	—	—	—	719,126	11,785,935	334,914,895
Population Annual Average Growth <sup>4</sup>	-0.4%	0.2%	0.6%	-3,215	20,624	1,885,495
People per Square Mile <sup>4</sup>	—	—	—	277.5	288.5	94.8
<b>Economic</b>						
Labor Force Participation Rate and Size (civilian population 16 years and over)	57.3%	63.2%	63.3%	343,870	5,987,111	167,857,207
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)	80.2%	83.3%	82.8%	203,308	3,683,452	106,380,520
Armed Forces Labor Force	0.1%	0.1%	0.5%	504	11,538	1,236,378
Veterans, Age 18-64	5.1%	4.4%	4.3%	21,767	313,182	8,636,019
Veterans Labor Force Participation Rate and Size, Age 18-64	70.9%	77.3%	77.1%	15,439	242,063	6,656,238
Median Household Income <sup>2</sup>	—	—	—	\$55,084	\$66,990	\$75,149
Per Capita Income	—	—	—	\$31,560	\$37,729	\$41,261
Mean Commute Time (minutes)	—	—	—	23.0	23.6	26.7
Commute via Public Transportation	0.7%	1.2%	3.8%	2,251	67,044	5,945,723

## Summary<sup>1</sup>

	Percent			Value		
	Youngstown Area Goodwill Industries	Ohio	USA	Youngstown Area Goodwill Industries	Ohio	USA
<b>Educational Attainment, Age 25-64</b>						
No High School Diploma	8.7%	7.7%	10.1%	31,422	463,899	17,373,867
High School Graduate	37.8%	30.1%	25.1%	136,950	1,817,235	43,176,248
Some College, No Degree	19.2%	20.1%	19.7%	69,798	1,212,012	33,916,989
Associate's Degree	10.4%	9.7%	9.2%	37,694	583,327	15,886,884
Bachelor's Degree	16.4%	20.5%	22.4%	59,297	1,234,555	38,451,123
Postgraduate Degree	7.6%	11.9%	13.4%	27,471	718,114	23,058,233
<b>Housing</b>						
Total Housing Units	—	—	—	339,505	5,251,209	140,943,613
Median House Value (of owner-occupied units) <sup>2,5</sup>	—	—	—	\$129,896	\$183,300	\$281,900
Homeowner Vacancy	1.3%	0.9%	1.1%	2,910	30,481	931,393
Rental Vacancy	4.8%	4.5%	5.5%	4,406	75,550	2,623,236
Renter-Occupied Housing Units (% of Occupied Units)	28.3%	33.2%	35.2%	86,439	1,589,094	44,238,593
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	8.2%	7.4%	8.3%	25,005	356,115	10,474,870
<b>Social</b>						
Poverty Level (of all people)	15.6%	13.3%	12.5%	110,212	1,526,507	40,521,584
Households Receiving Food Stamps/SNAP	16.2%	12.2%	11.5%	49,497	586,419	14,486,880
Enrolled in Grade 12 (% of total population)	1.3%	1.3%	1.4%	9,363	154,774	4,476,703
Disconnected Youth <sup>3</sup>	3.6%	2.4%	2.5%	1,287	15,164	430,795
Children in Single Parent Families (% of all children)	40.5%	36.1%	34.0%	55,399	882,979	23,568,955
Uninsured	6.1%	6.4%	8.7%	43,265	740,941	28,315,092
With a Disability, Age 18-64	14.7%	11.9%	10.5%	60,771	837,414	20,879,820
With a Disability, Age 18-64, Labor Force Participation Rate and Size	40.0%	44.8%	45.5%	24,334	375,082	9,492,098
Foreign Born	1.7%	4.9%	13.7%	12,026	572,364	45,281,071
Speak English Less Than Very Well (population 5 yrs and over)	1.4%	2.6%	8.2%	9,431	289,744	25,704,846

Source: [JobsEQ®](#)

1. American Community Survey 2018-2022, 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.

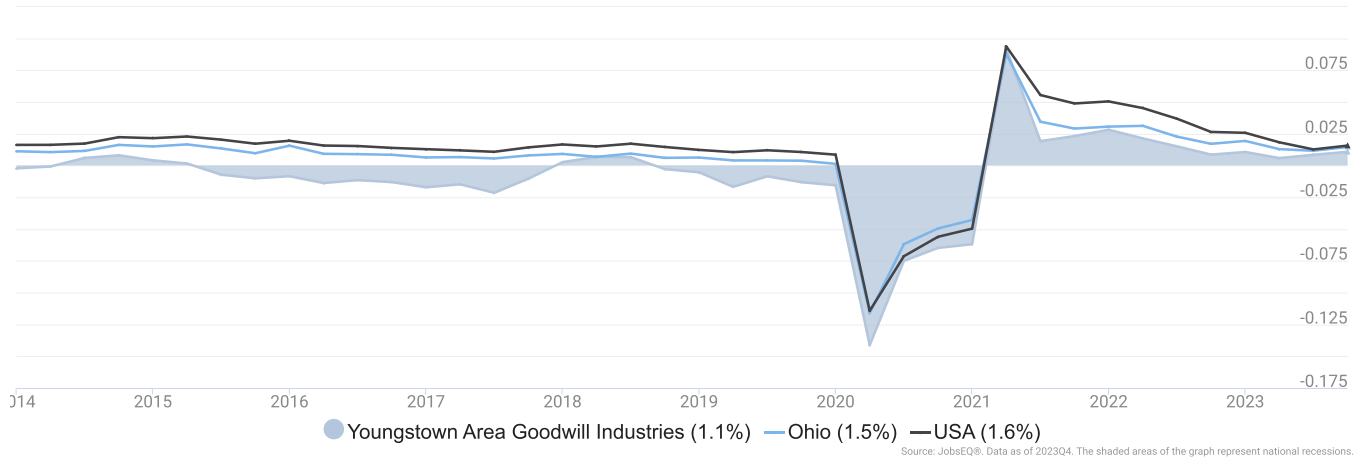
4. Census Population Estimate for 2023, annual average growth rate since 2013. Post-2019 data for Connecticut counties are imputed by Chmura.

5. The Census's method for calculating median house values changed with the 2022 data set, so pre-2022 values are not directly comparable with later data.

# Employment Trends

As of 2023Q4, total employment for the Youngstown Area Goodwill Industries was 278,210 (based on a four-quarter moving average). Over the year ending 2023Q4, employment increased 1.1% in the region.

Employment for Youngstown Area Goodwill Industries

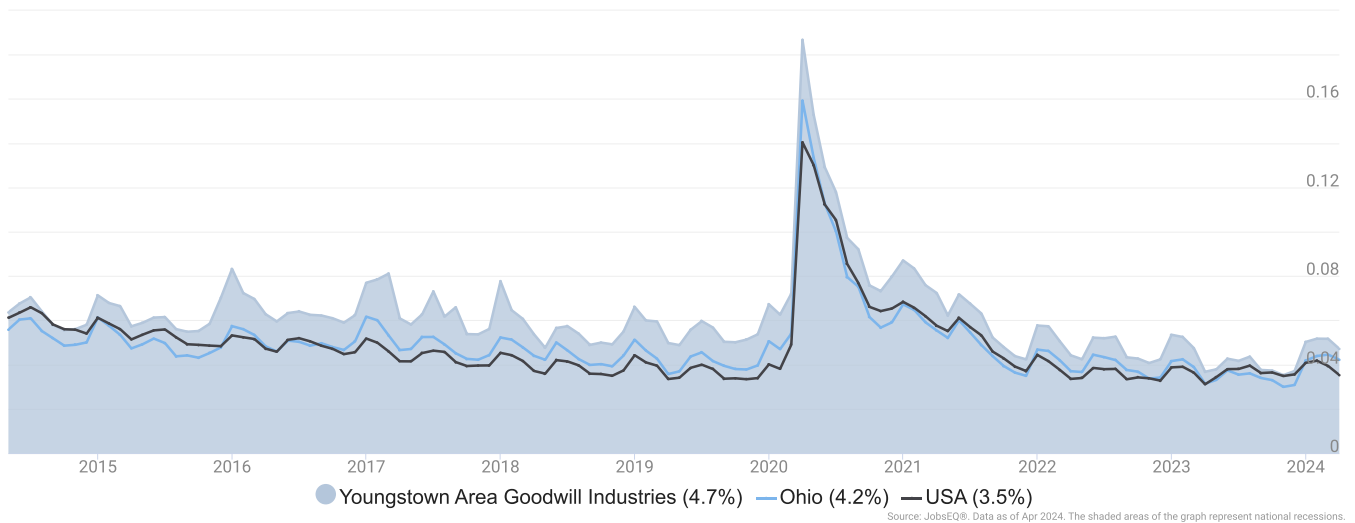


Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2023Q3 with preliminary estimates updated to 2023Q4.

# Unemployment Rate

The unemployment rate for the Youngstown Area Goodwill Industries was 4.7% as of April 2024. The regional unemployment rate was higher than the national rate of 3.5%. One year earlier, in April 2023, the unemployment rate in the Youngstown Area Goodwill Industries was 3.7%.

Unemployment Rate for Youngstown Area Goodwill Industries

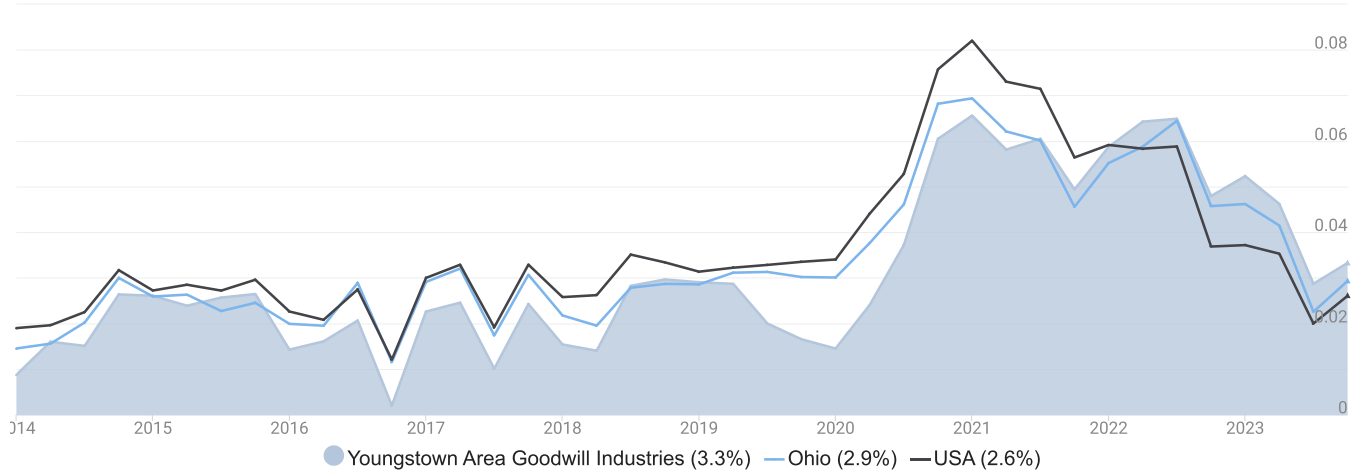


Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through April 2024.

# Wage Trends

The average worker in the Youngstown Area Goodwill Industries earned annual wages of \$48,559 as of 2023Q4. Average annual wages per worker increased 3.3% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$69,861 in the nation as of 2023Q4.

Average Annual Wages for Youngstown Area Goodwill Industries



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 2023Q3 with preliminary estimates updated to 2023Q4.

# 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 6.3% lower in Youngstown Area Goodwill Industries than the U.S. average.

## Cost of Living Information

	Annual Average Salary	Cost of Living Index (Base US)	US Purchasing Power
Youngstown Area Goodwill Industries	\$48,559	93.7	\$51,825
Ohio	\$61,292	92.7	\$66,143
USA	\$69,861	100.0	\$69,861

Source: [JobsEQ®](#)

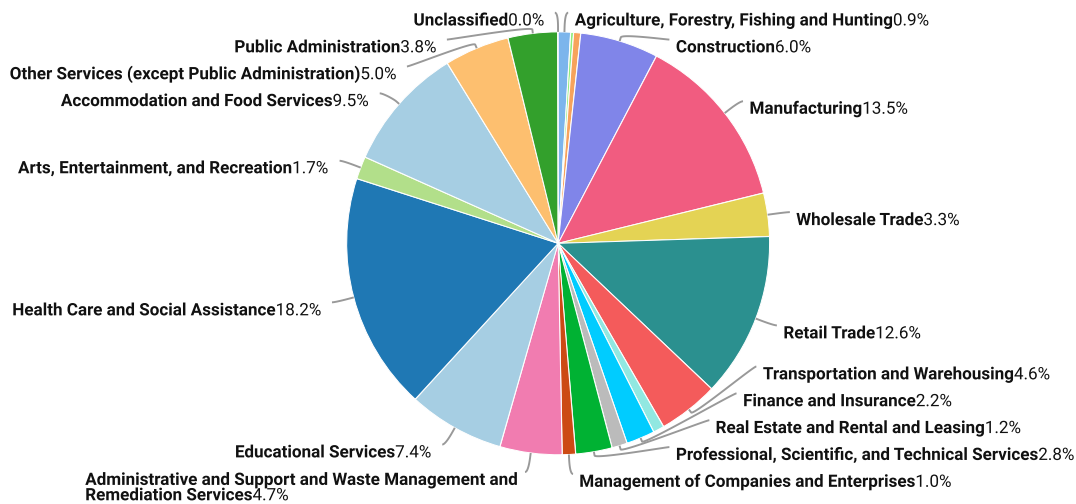
Data as of 2023Q4

Cost of Living per [COLI](#), data as of 2024Q1, imputed by Chmura where necessary.

# Industry Snapshot

The largest sector in the Youngstown Area Goodwill Industries is Health Care and Social Assistance, employing 50,507 workers. The next-largest sectors in the region are Manufacturing (37,526 workers) and Retail Trade (35,006). 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 Manufacturing (LQ = 1.68), Retail Trade (1.27), and Health Care and Social Assistance (1.24).

Total Workers for Youngstown Area Goodwill Industries by Industry



Source: JobsEQ® Data as of 2023Q4

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 2023Q3 with preliminary estimates updated to 2023Q4.

Sectors in the Youngstown Area Goodwill Industries with the highest average wages per worker are Mining, Quarrying, and Oil and Gas Extraction (\$101,906), Utilities (\$94,595), and Management of Companies and Enterprises (\$86,549). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Transportation and Warehousing (+714 jobs), Arts, Entertainment, and Recreation (+586), and Construction (+371).

Over the next 10 years, employment in the Youngstown Area Goodwill Industries is projected to contract by 26,235 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a -0.2% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Management of Companies and Enterprises (-83 jobs), Mining, Quarrying, and Oil and Gas Extraction (-88), and Information (-162).

### Youngstown Area Goodwill Industries, 2023Q4<sup>1</sup>

NAICS	Industry	Current			5-Year History		10-Year Forecast				
		Empl	Avg Ann Wages	LQ	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
62	Health Care and Social Assistance	50,507	\$51,030	1.24	-3,426	-1.3%	47,390	23,413	25,218	-1,240	-0.2%
31	Manufacturing	37,526	\$64,253	1.68	-764	-0.4%	29,946	14,056	21,060	-5,170	-1.5%
44	Retail Trade	35,006	\$34,508	1.27	-1,968	-1.1%	38,639	19,583	24,605	-5,549	-1.7%
72	Accommodation and Food Services	26,514	\$19,376	1.10	-658	-0.5%	41,303	19,899	24,282	-2,878	-1.1%
61	Educational Services	20,478	\$51,422	0.92	-1,370	-1.3%	18,018	9,250	9,592	-824	-0.4%
23	Construction	16,644	\$60,030	1.00	371	0.5%	11,688	5,490	8,061	-1,863	-1.2%
81	Other Services (except Public Administration)	13,834	\$30,216	1.18	-922	-1.3%	13,606	6,540	8,454	-1,387	-1.1%
56	Administrative and Support and Waste Management and Remediation Services	13,213	\$40,835	0.76	-3,455	-4.5%	13,212	6,207	8,225	-1,219	-1.0%
48	Transportation and Warehousing	12,853	\$55,243	0.93	714	1.1%	12,592	5,902	7,620	-930	-0.7%
92	Public Administration	10,538	\$59,388	0.82	-406	-0.8%	7,865	4,015	5,090	-1,240	-1.2%
42	Wholesale Trade	9,228	\$64,654	0.88	-253	-0.5%	7,338	3,470	5,178	-1,311	-1.5%
54	Professional, Scientific, and Technical Services	7,739	\$60,313	0.38	222	0.6%	5,607	2,458	3,619	-471	-0.6%
52	Finance and Insurance	6,084	\$78,265	0.55	-566	-1.8%	4,227	2,021	2,796	-591	-1.0%
71	Arts, Entertainment, and Recreation	4,824	\$21,550	0.87	586	2.6%	6,720	2,956	4,022	-258	-0.5%
53	Real Estate and Rental and Leasing	3,295	\$48,564	0.66	-76	-0.5%	2,732	1,449	1,580	-297	-0.9%
55	Management of Companies and Enterprises	2,810	\$86,549	0.65	-401	-2.6%	2,270	958	1,395	-83	-0.3%
11	Agriculture, Forestry, Fishing and Hunting	2,633	\$28,291	0.76	119	0.9%	2,426	1,400	1,472	-446	-1.8%
51	Information	2,315	\$57,829	0.42	-483	-3.7%	1,826	781	1,206	-162	-0.7%
22	Utilities	1,477	\$94,595	1.04	-97	-1.3%	968	487	704	-223	-1.6%
21	Mining, Quarrying, and Oil and Gas Extraction	649	\$101,906	0.64	-104	-2.9%	474	214	348	-88	-1.5%
99	Unclassified	43	\$47,658	0.08	33	33.2%	42	20	26	-4	-0.9%
<b>Total - All Industries</b>		<b>278,210</b>	<b>\$48,559</b>	<b>1.00</b>	<b>-12,905</b>	<b>-0.9%</b>	<b>262,278</b>	<b>127,136</b>	<b>161,376</b>	<b>-26,235</b>	<b>-1.0%</b>

Source: [JobsEQ®](https://www.chmuraecon.com/jobseq)

Data as of 2023Q4

Note: Figures may not sum due to rounding.

1. All data based upon a four-quarter moving average

Exits and transfers are approximate estimates based upon occupation separation rates.

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 2023Q3 with preliminary estimates updated to 2023Q4. Forecast employment growth uses national projections adapted for regional growth patterns.

# Occupation Snapshot

The largest major occupation group in the Youngstown Area Goodwill Industries is Office and Administrative Support Occupations, employing 30,280 workers. The next-largest occupation groups in the region are Transportation and Material Moving Occupations (27,260 workers) and Food Preparation and Serving Related Occupations (26,448). 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 = 1.58), Community and Social Service Occupations (1.30), and Healthcare Support Occupations (1.21).

Occupation groups in the Youngstown Area Goodwill Industries with the highest average wages per worker are Management Occupations (\$98,100), Legal Occupations (\$89,100), and Healthcare Practitioners and Technical Occupations (\$85,600). The unemployment rate in the region varied among the major groups from 1.1% among Legal Occupations to 6.6% among Transportation and Material Moving Occupations.

Over the next 10 years, the fastest growing occupation group in the Youngstown Area Goodwill Industries is expected to be Healthcare Support Occupations with a +0.2% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Support Occupations (+229 jobs) and Community and Social Service Occupations (+64). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Food Preparation and Serving Related Occupations (47,383 jobs) and Transportation and Material Moving Occupations (32,729).

Youngstown Area Goodwill Industries, 2023Q4<sup>1</sup>

SOC	Occupation	Current						5-Year History		10-Year Forecast				
		Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads <sup>3</sup>	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
43-0000	Office and Administrative Support	30,280	\$42,500	0.90	1,320	3.6%	1,011	-3,847	-2.4%	26,175	14,845	16,458	-5,129	-1.8%
53-0000	Transportation and Material Moving	27,260	\$40,900	1.12	2,359	6.6%	1,256	782	0.6%	30,542	13,467	19,262	-2,187	-0.8%
35-0000	Food Preparation and Serving Related	26,448	\$28,800	1.17	2,103	6.6%	1,796	-1,357	-1.0%	44,596	21,490	25,893	-2,787	-1.1%
41-0000	Sales and Related	25,369	\$41,800	1.03	1,593	5.3%	2,324	-2,241	-1.7%	27,905	14,598	17,384	-4,077	-1.7%
51-0000	Production	24,552	\$44,800	1.58	1,297	4.3%	664	-1,736	-1.4%	20,398	9,591	14,566	-3,759	-1.6%
29-0000	Healthcare Practitioners and Technical	17,834	\$85,600	1.09	311	1.7%	2,596	-658	-0.7%	9,107	5,481	4,347	-721	-0.4%
11-0000	Management	17,508	\$98,100	0.84	384	2.0%	989	1,064	1.3%	11,660	5,147	7,863	-1,350	-0.8%
25-0000	Educational Instruction and Library	15,320	\$61,100	1.03	405	2.6%	599	-1,004	-1.3%	12,209	6,420	6,339	-550	-0.4%
31-0000	Healthcare Support	15,157	\$32,700	1.21	722	4.2%	934	-960	-1.2%	20,713	9,651	10,832	229	0.2%
47-0000	Construction and Extraction	12,814	\$56,300	1.01	1,016	6.2%	237	-249	-0.4%	8,989	4,139	6,113	-1,263	-1.0%
13-0000	Business and Financial Operations	11,726	\$70,100	0.66	380	2.8%	536	431	0.8%	8,080	3,421	5,562	-903	-0.8%
49-0000	Installation, Maintenance, and Repair	11,466	\$52,900	1.06	401	2.7%	632	-307	-0.5%	8,432	4,223	5,237	-1,027	-0.9%
37-0000	Building and Grounds Cleaning and Maintenance	8,467	\$33,500	0.93	667	6.1%	470	-760	-1.7%	10,027	5,111	5,724	-809	-1.0%
39-0000	Personal Care and Service	6,851	\$33,400	0.99	361	4.6%	236	-284	-0.8%	10,922	4,454	6,843	-375	-0.6%
21-0000	Community and Social Service	6,510	\$51,300	1.30	173	2.8%	600	-419	-1.2%	5,576	2,462	3,050	64	0.1%
33-0000	Protective Service	6,029	\$47,200	1.01	253	3.7%	267	-509	-1.6%	5,642	2,934	3,401	-694	-1.2%
15-0000	Computer and Mathematical	3,914	\$82,200	0.44	121	2.4%	209	-7	0.0%	2,238	854	1,425	-41	-0.1%

## Youngstown Area Goodwill Industries, 2023Q4<sup>1</sup>

SOC	Occupation	Current						5-Year History		10-Year Forecast				
		Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads <sup>3</sup>	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
27-0000	Arts, Design, Entertainment, Sports, and Media	3,679	\$58,500	0.72	154	4.1%	327	-207	-1.1%	3,252	1,575	2,010	-333	-0.9%
17-0000	Architecture and Engineering	3,434	\$79,600	0.76	90	2.3%	280	19	0.1%	1,885	914	1,214	-243	-0.7%
19-0000	Life, Physical, and Social Science	1,381	\$77,500	0.57	29	2.0%	156	47	0.7%	1,049	293	814	-58	-0.4%
23-0000	Legal	1,356	\$89,100	0.60	16	1.1%	17	-86	-1.2%	663	369	386	-92	-0.7%
45-0000	Farming, Fishing, and Forestry	855	\$40,400	0.52	65	6.3%	5	173	4.6%	1,025	440	715	-129	-1.6%
<b>Total - All Occupations</b>		<b>278,210</b>	<b>\$51,600</b>	<b>1.00</b>	<b>14,222</b>	<b>4.3%</b>	<b>16,139</b>	<b>-12,116</b>	<b>-0.8%</b>	<b>271,085</b>	<b>131,878</b>	<b>165,441</b>	<b>-26,235</b>	<b>-1.0%</b>

Source: [JobsEQ®](https://www.jobseq.com)

Data as of 2023Q4 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 represent the average for all Covered Employment

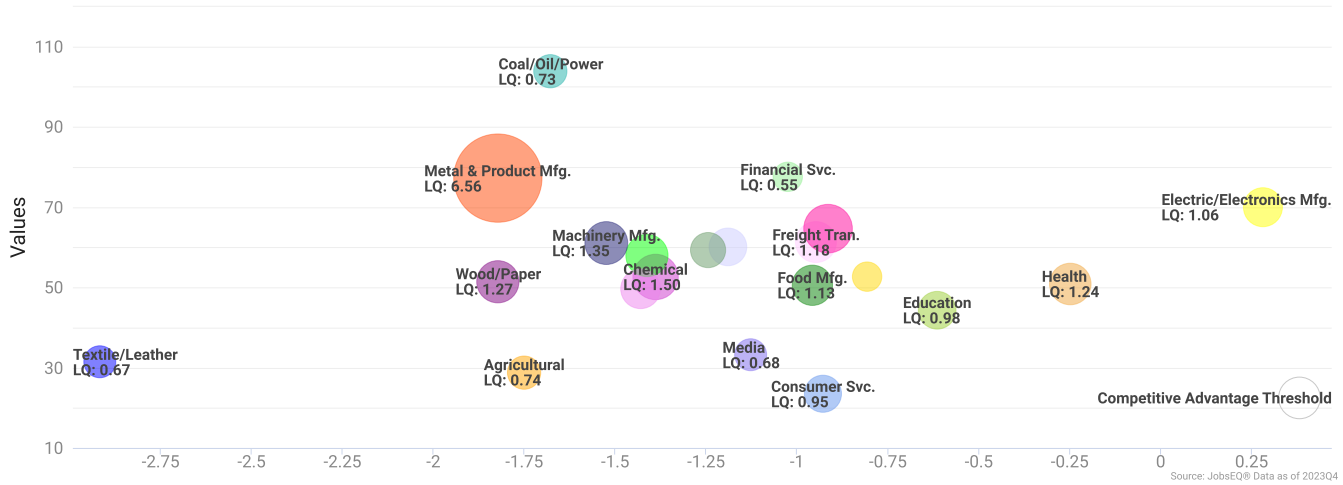
3. Data represent found online ads active within the last thirty days in the selected region. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list). Ad counts for ZCTA-based regions are estimates.

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 2023Q3, imputed where necessary with preliminary estimates updated to 2023Q4. Wages by occupation are as of 2023 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 Youngstown Area Goodwill Industries with the highest relative concentration is Metal & Product Mfg. with a location quotient of 6.56. This cluster employs 13,278 workers in the region with an average wage of \$77,231. Employment in the Metal & Product Mfg. cluster is projected to contract in the region about 1.8% per year over the next ten years.

Industry Clusters for Youngstown Area Goodwill Industries as of 2023Q4

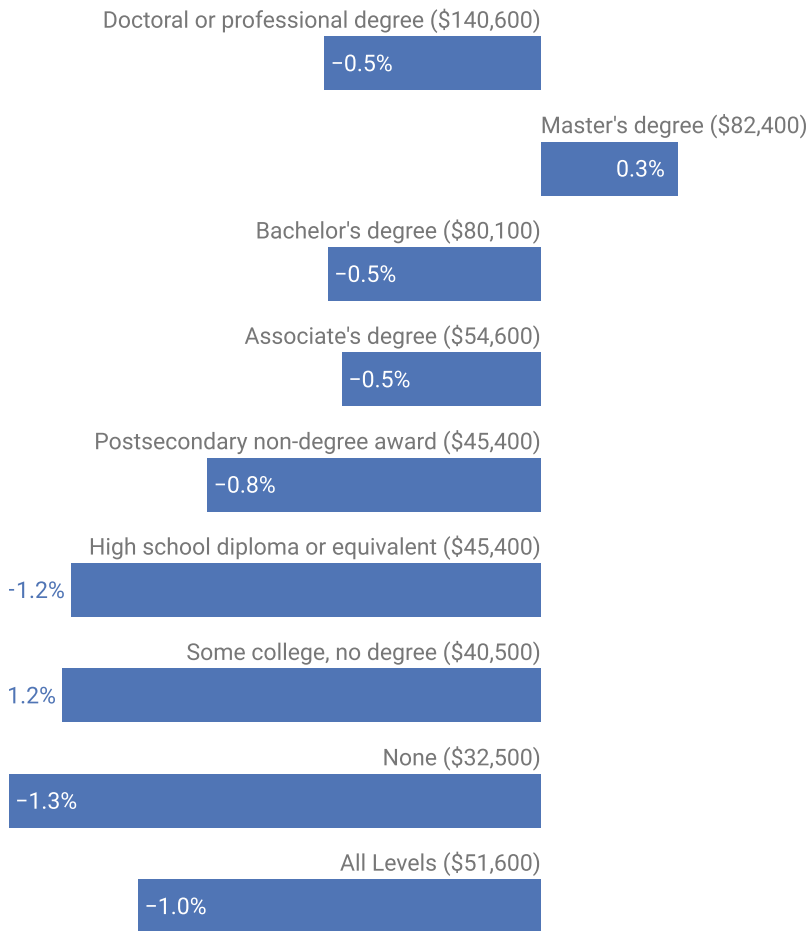


Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2023Q3 with preliminary estimates updated to 2023Q4. Forecast employment growth uses national projections from 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 Youngstown Area Goodwill Industries is projected to contract 1.0% over the next ten years, occupations typically requiring a postgraduate degree are expected to contract 0.5% per year, those requiring a bachelor’s degree are forecast to contract 0.5% 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 Education Levels

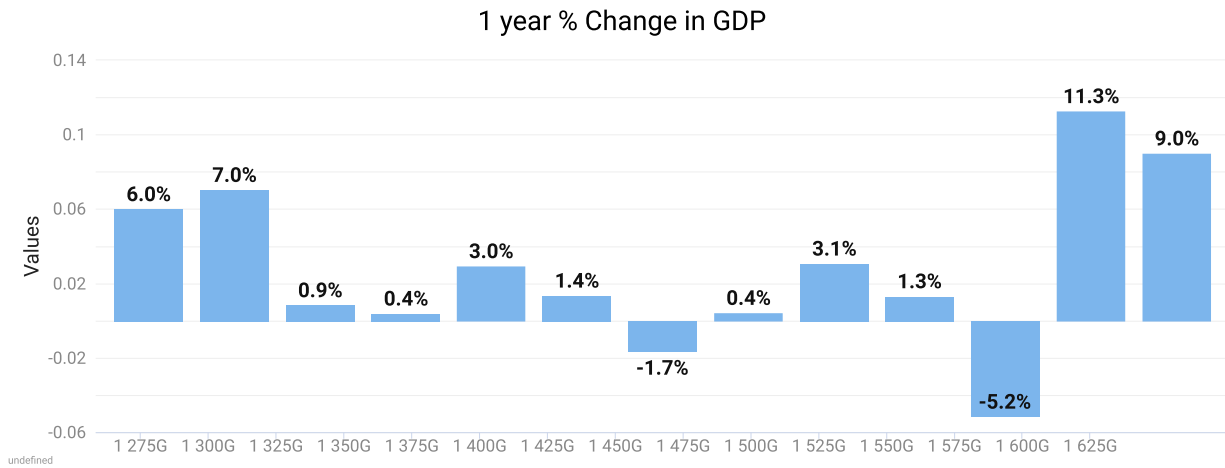


Source: JobsEQ®  
Data as of 2023Q4

Employment by occupation data are estimates as of 2023Q4. 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 2022, nominal GDP in the Youngstown Area Goodwill Industries expanded 9.0%. This follows growth of 11.3% in 2021. As of 2022, total GDP in the Youngstown Area Goodwill Industries was \$29,495,247,000.



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2022.

Of the sectors in the Youngstown Area Goodwill Industries, Manufacturing contributed the largest portion of GDP in 2022, \$5,293,850,000. The next-largest contributions came from Health Care and Social Assistance (\$3,579,517,000); Retail Trade (\$2,851,127,000); and Real Estate and Rental and Leasing (\$2,581,042,000).

## GDP (in \$ millions)

Manufacturing (31)



Health Care and Social Assistance (62)



Retail Trade (44)



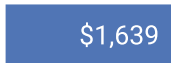
Real Estate and Rental and Leasing (53)



Educational Services (61)



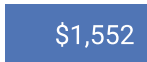
Finance and Insurance (52)



Wholesale Trade (42)



Construction (23)



Transportation and Warehousing (48)

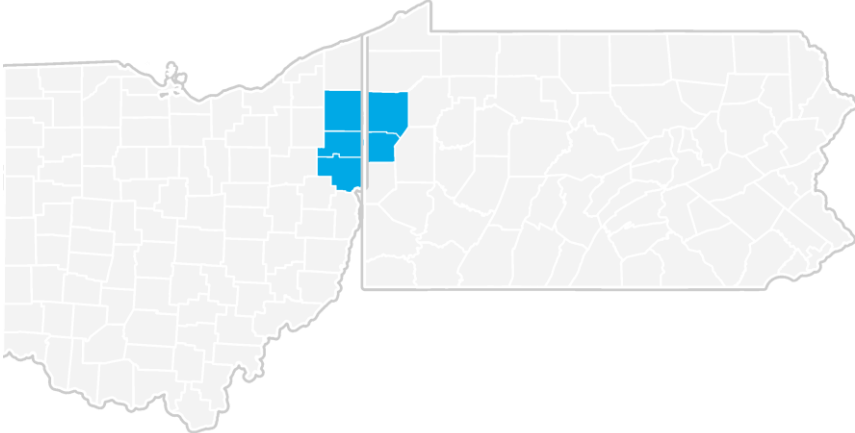


Public Administration (92)



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2022.

# Youngstown Area Goodwill Industries Regional Map



# Region Definition

**Youngstown Area Goodwill Industries is defined as the following counties:**

Columbiana County, Ohio

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Mahoning County, Ohio

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Trumbull County, Ohio

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Lawrence County, Pennsylvania

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Mercer County, Pennsylvania

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# 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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