



# Economic Overview

## Schuylkill County, Pennsylvania



Penn's Northeast Inc.  
1151 Oak St., Pittston, PA 18640  
1.800.317.1313  
[www.pennsnortheast.com](http://www.pennsnortheast.com)

Demographic Profile.....	3
Employment Trends .....	5
Unemployment Rate .....	5
Wage Trends .....	6
Cost of Living Index .....	7
Industry Snapshot .....	8
Occupation Snapshot .....	10
Industry Clusters .....	12
Education Levels.....	13
Gross Domestic Product.....	14
Schuylkill County, Pennsylvania Regional Map .....	16
FAQ.....	17

# Demographic Profile

The population in Schuylkill County, Pennsylvania was 143,308 per American Community Survey data for 2017-2021.

The region has a civilian labor force of 67,875 with a participation rate of 57.5%. Of individuals 25 to 64 in Schuylkill County, Pennsylvania, 19.2% have a bachelor's degree or higher which compares with 35.1% in the nation.

The median household income in Schuylkill County, Pennsylvania is \$57,785 and the median house value is \$112,800.

## Summary<sup>1</sup>

	Percent			Value		
	Schuylkill County, Pennsylvania	Pennsylvania	USA	Schuylkill County, Pennsylvania	Pennsylvania	USA
<b>Demographics</b>						
Population (ACS)	—	—	—	143,308	12,970,650	329,725,481
Male	51.6%	49.3%	49.5%	73,926	6,394,217	163,206,615
Female	48.4%	50.7%	50.5%	69,382	6,576,433	166,518,866
Median Age <sup>2</sup>	—	—	—	44.1	40.8	38.4
Under 18 Years	20.0%	20.9%	22.5%	28,655	2,704,482	74,234,075
18 to 24 Years	7.0%	8.9%	9.2%	10,065	1,154,671	30,339,089
25 to 34 Years	11.8%	13.1%	13.8%	16,879	1,701,098	45,360,942
35 to 44 Years	12.3%	12.0%	12.9%	17,576	1,558,578	42,441,883
45 to 54 Years	13.9%	12.7%	12.6%	19,919	1,650,190	41,631,458
55 to 64 Years	14.9%	14.2%	13.0%	21,283	1,839,841	42,829,413
65 to 74 Years	11.7%	10.6%	9.6%	16,817	1,374,891	31,590,619
75 Years and Over	8.5%	7.6%	6.5%	12,114	986,899	21,298,002
Race: White	92.2%	78.3%	68.2%	132,166	10,153,752	224,789,109
Race: Black or African American	2.9%	11.0%	12.6%	4,223	1,425,210	41,393,012
Race: American Indian and Alaska Native	0.1%	0.2%	0.8%	167	20,511	2,722,661
Race: Asian	0.4%	3.6%	5.7%	636	460,932	18,782,924
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.0%	0.2%	16	4,426	615,557
Race: Some Other Race	1.2%	2.7%	5.6%	1,762	350,618	18,382,796
Race: Two or More Races	3.0%	4.3%	7.0%	4,338	555,201	23,039,422
Hispanic or Latino (of any race)	5.4%	7.9%	18.4%	7,759	1,023,055	60,806,969
<b>Population Growth</b>						
Population (Pop Estimates) <sup>4</sup>	—	—	—	143,104	12,972,008	333,287,557
Population Annual Average Growth <sup>4</sup>	-0.3%	0.2%	0.6%	-403	20,289	1,940,990
People per Square Mile	—	—	—	183.8	289.9	94.3
<b>Economic</b>						
Labor Force Participation Rate and Size (civilian population 16 years and over)	57.5%	63.0%	63.4%	67,875	6,662,890	166,672,597
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)	76.9%	83.6%	82.5%	41,774	4,097,957	106,173,534
Armed Forces Labor Force	0.1%	0.1%	0.5%	165	8,419	1,196,529
Veterans, Age 18-64	4.8%	3.9%	4.4%	4,106	309,364	8,848,937
Veterans Labor Force Participation Rate and Size, Age 18-64	71.7%	77.0%	77.0%	2,945	238,133	6,809,906
Median Household Income <sup>2</sup>	—	—	—	\$57,785	\$67,587	\$69,021
Per Capita Income	—	—	—	\$29,496	\$37,725	\$37,638
Mean Commute Time (minutes)	—	—	—	26.7	26.9	26.8
Commute via Public Transportation	0.5%	4.7%	4.2%	310	289,938	6,472,373
<b>Educational Attainment, Age 25-64</b>						
No High School Diploma	9.6%	7.5%	10.3%	7,269	505,348	17,756,046
High School Graduate	42.9%	31.1%	25.3%	32,456	2,100,078	43,535,564
Some College, No Degree	15.8%	16.1%	20.1%	11,962	1,085,742	34,637,141

## Summary<sup>1</sup>

	Percent			Value		
	Schuylkill County, Pennsylvania	Pennsylvania	USA	Schuylkill County, Pennsylvania	Pennsylvania	USA
Associate's Degree	12.5%	9.6%	9.3%	9,457	650,455	15,944,395
Bachelor's Degree	13.7%	22.0%	22.0%	10,332	1,486,750	37,890,674
Postgraduate Degree	5.5%	13.6%	13.1%	4,181	921,334	22,499,876
<b>Housing</b>						
Total Housing Units	—	—	—	67,417	5,728,788	139,647,020
Median House Value (of owner-occupied units) <sup>2</sup>	—	—	—	\$112,800	\$197,300	\$244,900
Homeowner Vacancy	1.1%	1.2%	1.2%	484	42,449	1,021,651
Rental Vacancy	3.8%	5.1%	5.7%	548	86,072	2,674,125
Renter-Occupied Housing Units (% of Occupied Units)	24.1%	30.8%	35.4%	13,680	1,586,866	43,858,831
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	8.0%	10.6%	8.3%	4,550	545,302	10,349,174
<b>Social</b>						
Poverty Level (of all people)	12.7%	11.8%	12.6%	17,231	1,482,811	40,661,636
Households Receiving Food Stamps/SNAP	16.3%	13.4%	11.4%	9,278	689,731	14,105,231
Enrolled in Grade 12 (% of total population)	1.5%	1.2%	1.3%	2,119	161,415	4,425,322
Disconnected Youth <sup>3</sup>	2.9%	2.4%	2.5%	182	16,203	432,389
Children in Single Parent Families (% of all children)	43.8%	34.5%	34.0%	11,949	887,279	23,909,672
Uninsured	5.6%	5.6%	8.8%	7,632	717,759	28,489,142
With a Disability, Age 18-64	15.4%	11.4%	10.3%	12,304	885,140	20,537,729
With a Disability, Age 18-64, Labor Force Participation Rate and Size	49.6%	43.9%	44.2%	6,100	388,727	9,068,973
Foreign Born	2.1%	7.1%	13.6%	3,070	924,624	44,844,808
Speak English Less Than Very Well (population 5 yrs and over)	1.8%	4.4%	8.2%	2,479	544,019	25,535,259

Source: [JobsEQ®](#)

1. American Community Survey 2017-2021, 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.

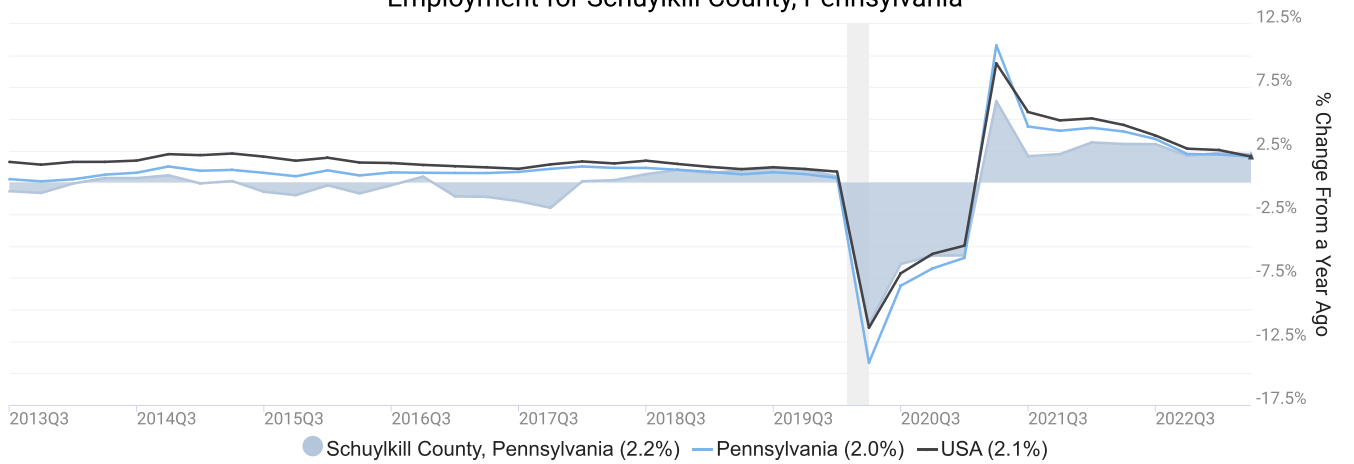
3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

4. Census Population Estimate for 2022, annual average growth rate since 2012. Post-2019 data for Connecticut counties are imputed by Chmura.

# Employment Trends

As of 2023Q2, total employment for Schuylkill County, Pennsylvania was 52,698 (based on a four-quarter moving average). Over the year ending 2023Q2, employment increased 2.2% in the region.

Employment for Schuylkill County, Pennsylvania

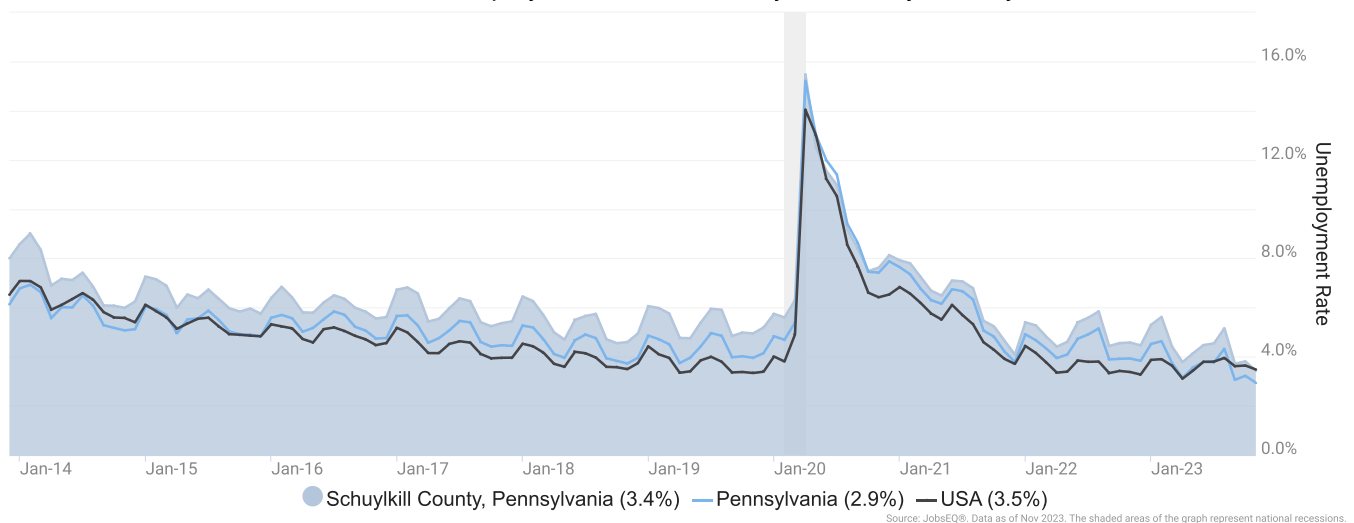


Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2023Q1 with preliminary estimates updated to 2023Q2.

# Unemployment Rate

The unemployment rate for Schuylkill County, Pennsylvania was 3.4% as of November 2023. The regional unemployment rate was lower than the national rate of 3.5%. One year earlier, in November 2022, the unemployment rate in Schuylkill County, Pennsylvania was 4.6%.

Unemployment Rate for Schuylkill County, Pennsylvania

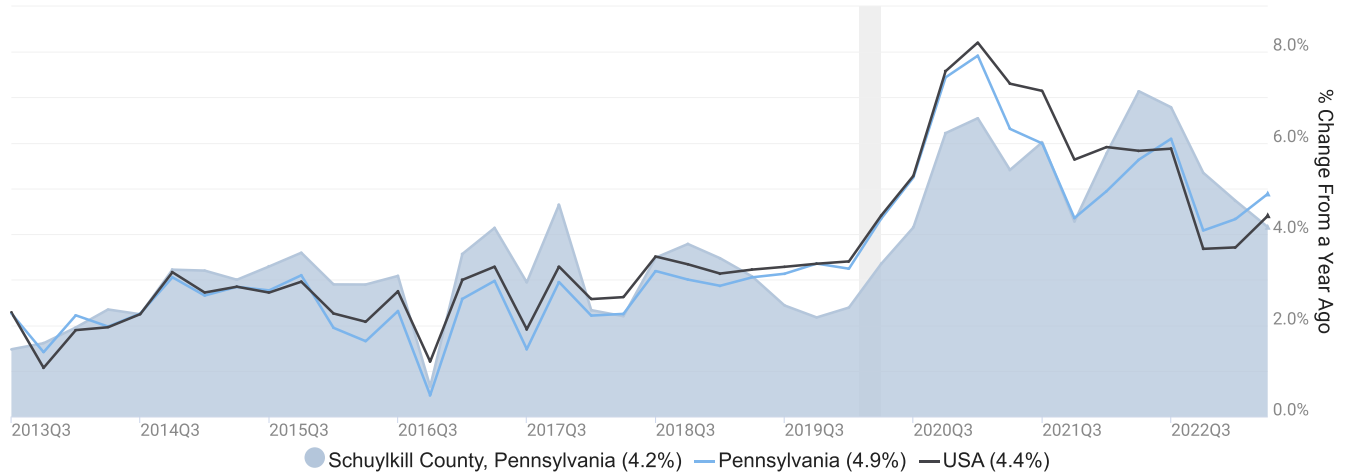


Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through November 2023.

# Wage Trends

The average worker in Schuylkill County, Pennsylvania earned annual wages of \$51,662 as of 2023Q2. Average annual wages per worker increased 4.2% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$70,318 in the nation as of 2023Q2.

Average Annual Wages for Schuylkill County, Pennsylvania



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 2023Q1 with preliminary estimates updated to 2023Q2.

# 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 Schuylkill County, Pennsylvania than the U.S. average.

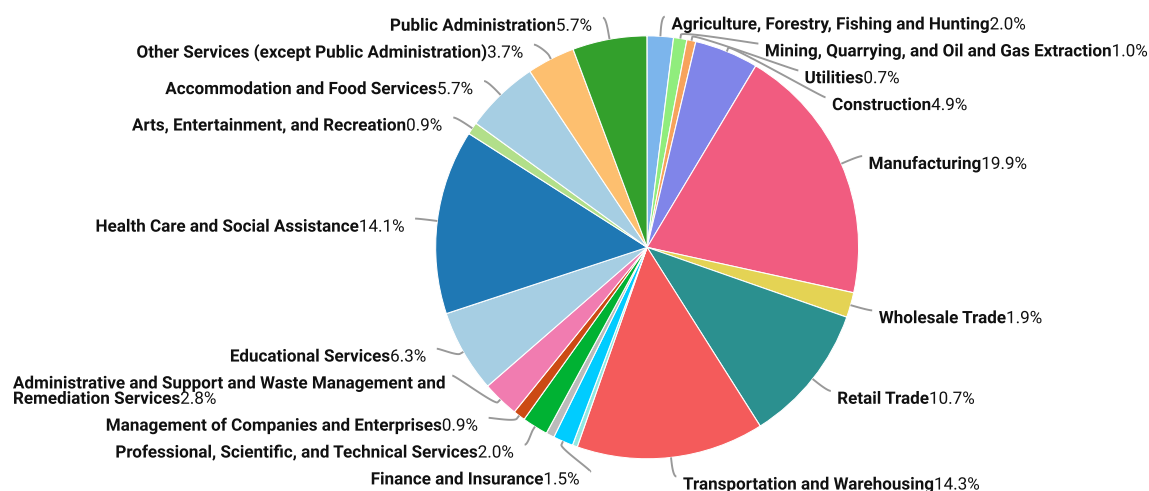
	Cost of Living Information		
	Annual Average Salary	Cost of Living Index (Base US)	US Purchasing Power
Schuylkill County, Pennsylvania	\$51,662	93.5	\$55,264
Pennsylvania	\$68,100	101.2	\$67,302
USA	\$70,318	100.0	\$70,318

Source: [JobsEQ®](#)  
Data as of 2023Q2  
Cost of Living per [COLI](#), data as of 2023Q3, imputed by Chmura where necessary.

# Industry Snapshot

The largest sector in Schuylkill County, Pennsylvania is Manufacturing, employing 10,468 workers. The next-largest sectors in the region are Transportation and Warehousing (7,551 workers) and Health Care and Social Assistance (7,442). 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 Transportation and Warehousing (LQ = 2.88), Mining, Quarrying, and Oil and Gas Extraction (2.88), and Manufacturing (2.46).

Total Workers for Schuylkill County, Pennsylvania by Industry



Source: JobsEQ®, Data as of 2023Q2

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 2023Q1 with preliminary estimates updated to 2023Q2.

Sectors in Schuylkill County, Pennsylvania with the highest average wages per worker are Management of Companies and Enterprises (\$87,003), Utilities (\$78,018), and Mining, Quarrying, and Oil and Gas Extraction (\$77,961). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Transportation and Warehousing (+1,775 jobs), Construction (+534), and Arts, Entertainment, and Recreation (+89).

Over the next 1 year, employment in Schuylkill County, Pennsylvania is projected to contract by 555 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 (-2 jobs), Arts, Entertainment, and Recreation (-2), and Information (-2).



### Schuylkill County, Pennsylvania, 2023Q2<sup>1</sup>

NAICS	Industry	Current			5-Year History		1-Year Forecast				
		Empl	Avg Ann Wages	LQ	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
31	Manufacturing	10,468	\$67,362	2.46	-419	-0.8%	1,000	419	714	-133	-1.3%
48	Transportation and Warehousing	7,551	\$52,877	2.88	1,775	5.5%	875	363	536	-24	-0.3%
62	Health Care and Social Assistance	7,442	\$51,919	0.98	-644	-1.6%	744	351	411	-18	-0.2%
44	Retail Trade	5,627	\$32,594	1.07	-90	-0.3%	690	339	451	-99	-1.8%
61	Educational Services	3,332	\$50,060	0.80	-206	-1.2%	279	155	171	-47	-1.4%
92	Public Administration	2,999	\$63,748	1.24	-62	-0.4%	256	122	174	-40	-1.3%
72	Accommodation and Food Services	2,987	\$17,848	0.66	63	0.4%	484	235	285	-36	-1.2%
23	Construction	2,578	\$59,316	0.82	534	4.8%	219	90	160	-32	-1.2%
81	Other Services (except Public Administration)	1,930	\$27,386	0.86	-43	-0.4%	212	97	135	-20	-1.1%
56	Administrative and Support and Waste Management and Remediation Services	1,469	\$39,389	0.44	-340	-4.1%	161	72	105	-16	-1.1%
11	Agriculture, Forestry, Fishing and Hunting	1,052	\$48,126	1.56	-59	-1.1%	117	59	74	-15	-1.4%
54	Professional, Scientific, and Technical Services	1,037	\$63,695	0.27	-94	-1.7%	84	34	59	-9	-0.8%
42	Wholesale Trade	1,001	\$55,225	0.50	-26	-0.5%	95	41	70	-15	-1.5%
52	Finance and Insurance	804	\$64,844	0.38	-172	-3.8%	66	28	47	-9	-1.1%
21	Mining, Quarrying, and Oil and Gas Extraction	543	\$77,961	2.88	29	1.1%	24	18	37	-31	-5.7%
55	Management of Companies and Enterprises	493	\$87,003	0.60	65	2.9%	45	17	29	-2	-0.3%
71	Arts, Entertainment, and Recreation	490	\$20,188	0.48	89	4.1%	71	31	42	-2	-0.5%
22	Utilities	357	\$78,018	1.34	-42	-2.2%	23	12	22	-11	-3.1%
53	Real Estate and Rental and Leasing	336	\$58,652	0.36	15	0.9%	31	15	19	-4	-1.1%
51	Information	204	\$45,573	0.19	-104	-7.9%	19	7	13	-2	-0.7%
<b>Total - All Industries</b>		<b>52,698</b>	<b>\$51,662</b>	<b>1.00</b>	<b>268</b>	<b>0.1%</b>	<b>5,492</b>	<b>2,525</b>	<b>3,523</b>	<b>-555</b>	<b>-1.1%</b>

Source: [JobsEQ®](#)

Data as of 2023Q2

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 2023Q1 with preliminary estimates updated to 2023Q2. Forecast employment growth uses national projections adapted for regional growth patterns.

# Occupation Snapshot

The largest major occupation group in Schuylkill County, Pennsylvania is Transportation and Material Moving Occupations, employing 9,161 workers. The next-largest occupation groups in the region are Production Occupations (5,926 workers) and Office and Administrative Support Occupations (5,568). 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 = 2.00), Transportation and Material Moving Occupations (1.97), and Farming, Fishing, and Forestry Occupations (1.55).

Occupation groups in Schuylkill County, Pennsylvania with the highest average wages per worker are Management Occupations (\$107,500), Legal Occupations (\$92,200), and Healthcare Practitioners and Technical Occupations (\$88,000). The unemployment rate in the region varied among the major groups from 1.5% among Legal Occupations to 7.0% among Transportation and Material Moving Occupations.

Over the next 1 year, the fastest growing occupation group in Schuylkill County, Pennsylvania is expected to be Healthcare Support Occupations with a +0.3% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Support Occupations (+8 jobs) and Community and Social Service Occupations (-2). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Transportation and Material Moving Occupations (1,231 jobs) and Production Occupations (639).

## Schuylkill County, Pennsylvania, 2023Q2<sup>1</sup>

SOC	Occupation	Current						5-Year History		1-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
53-0000	Transportation and Material Moving	9,161	\$44,600	1.97	783	7.0%	216	1,432	3.5%	1,176	462	769	-55	-0.6%
51-0000	Production	5,926	\$46,500	2.00	335	4.7%	124	-456	-1.5%	549	235	404	-90	-1.5%
43-0000	Office and Administrative Support	5,568	\$44,300	0.88	277	4.1%	123	-372	-1.3%	519	280	341	-103	-1.8%
41-0000	Sales and Related	3,823	\$43,500	0.82	279	5.7%	198	-124	-0.6%	440	226	280	-66	-1.7%
35-0000	Food Preparation and Serving Related	3,338	\$29,800	0.79	293	6.9%	206	15	0.1%	550	269	321	-40	-1.2%
11-0000	Management	3,028	\$107,500	0.76	58	1.9%	146	208	1.4%	222	91	158	-27	-0.9%
29-0000	Healthcare Practitioners and Technical	2,631	\$88,000	0.86	67	2.0%	368	-138	-1.0%	141	78	77	-14	-0.5%
31-0000	Healthcare Support	2,619	\$33,800	1.12	156	4.6%	144	-58	-0.4%	372	170	194	8	0.3%
25-0000	Educational Instruction and Library	2,571	\$58,500	0.92	78	3.0%	37	-181	-1.3%	183	104	111	-32	-1.3%
47-0000	Construction and Extraction	2,467	\$54,300	1.03	183	5.8%	25	244	2.1%	190	81	148	-39	-1.6%
49-0000	Installation, Maintenance, and Repair	2,323	\$53,700	1.13	83	2.6%	123	40	0.3%	189	81	131	-23	-1.0%
13-0000	Business and Financial Operations	1,928	\$73,800	0.57	58	2.9%	61	97	1.0%	151	56	111	-16	-0.8%
33-0000	Protective Service	1,446	\$61,200	1.29	70	4.6%	34	9	0.1%	131	70	81	-20	-1.4%
37-0000	Building and Grounds Cleaning and Maintenance	1,195	\$35,900	0.69	100	6.1%	56	-102	-1.6%	142	70	84	-13	-1.1%
39-0000	Personal Care and Service	946	\$33,000	0.73	67	5.1%	16	-11	-0.2%	149	63	92	-6	-0.6%
21-0000	Community and Social Service	870	\$52,700	0.92	19	2.4%	158	-105	-2.3%	81	34	49	-2	-0.2%
17-0000	Architecture and Engineering	726	\$81,100	0.85	17	2.1%	26	4	0.1%	45	19	32	-6	-0.8%

## Schuylkill County, Pennsylvania, 2023Q2<sup>1</sup>

SOC	Occupation	Current						5-Year History		1-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
15-0000	Computer and Mathematical	575	\$83,600	0.34	16	2.6%	23	1	0.0%	38	13	27	-2	-0.3%
45-0000	Farming, Fishing, and Forestry	493	\$40,000	1.55	24	5.7%	5	-21	-0.8%	67	24	50	-7	-1.5%
27-0000	Arts, Design, Entertainment, Sports, and Media	488	\$53,500	0.50	33	5.7%	11	-37	-1.5%	45	21	29	-5	-1.0%
19-0000	Life, Physical, and Social Science	313	\$73,000	0.68	8	2.7%	25	-1	0.0%	27	7	23	-2	-0.8%
23-0000	Legal	264	\$92,200	0.61	4	1.5%	0	-5	-0.4%	15	8	9	-2	-0.8%
<b>Total - All Occupations</b>		<b>52,698</b>	<b>\$53,200</b>	<b>1.00</b>	<b>3,010</b>	<b>4.8%</b>	<b>2,126</b>	<b>442</b>	<b>0.2%</b>	<b>5,428</b>	<b>2,464</b>	<b>3,519</b>	<b>-555</b>	<b>-1.1%</b>

Source: [JobsEQ®](#)

Data as of 2023Q2 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

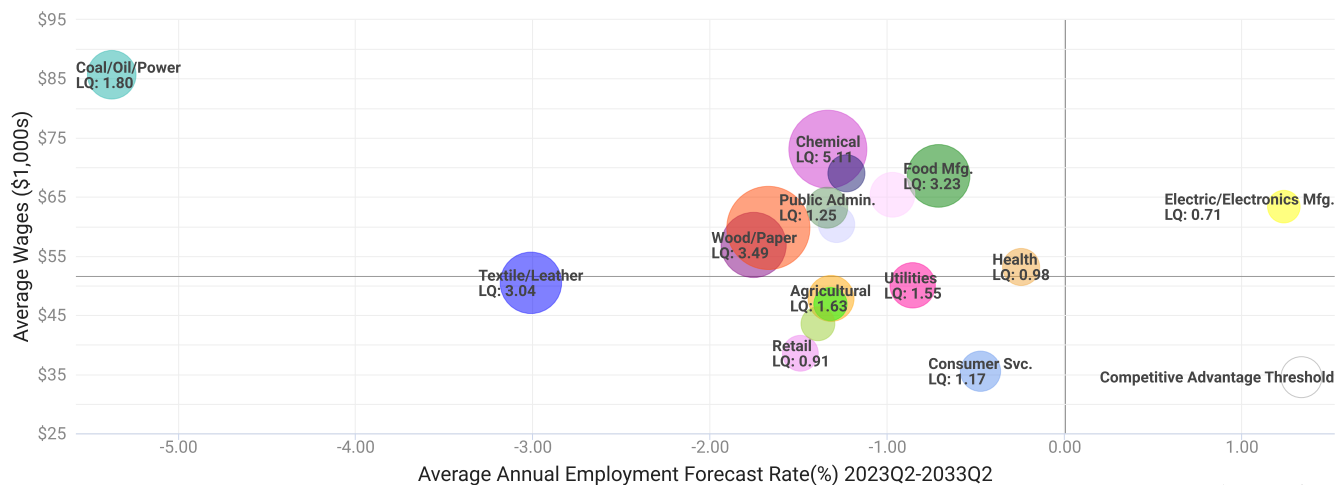
3. Data represent found online ads active within the last thirty days in the selected region. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list). Ad counts for ZCTA-based regions are estimates.

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 2023Q1, imputed where necessary with preliminary estimates updated to 2023Q2. 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 Schuylkill County, Pennsylvania with the highest relative concentration is Metal & Product Mfg. with a location quotient of 5.88. This cluster employs 2,250 workers in the region with an average wage of \$59,775. Employment in the Metal & Product Mfg. cluster is projected to contract in the region about 1.7% per year over the next ten years.

Industry Clusters for Schuylkill County, Pennsylvania as of 2023Q2

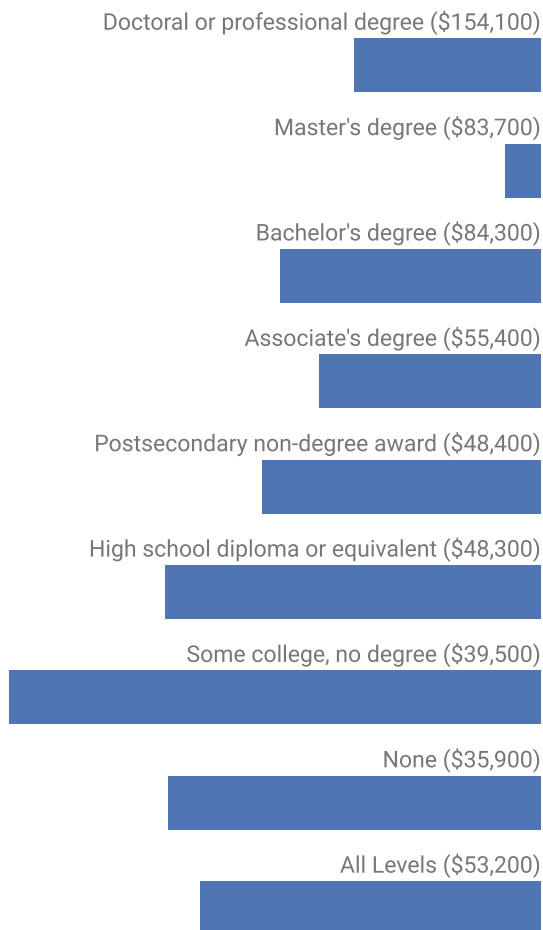


Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2023Q1 with preliminary estimates updated to 2023Q2. Forecast employment growth uses national projections from 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 Schuylkill County, Pennsylvania is projected to contract 1.1% over the next ten years, occupations typically requiring a postgraduate degree are expected to contract 0.6% 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 0.7% per year.

## Annual Average Projected Job Growth by Education Levels

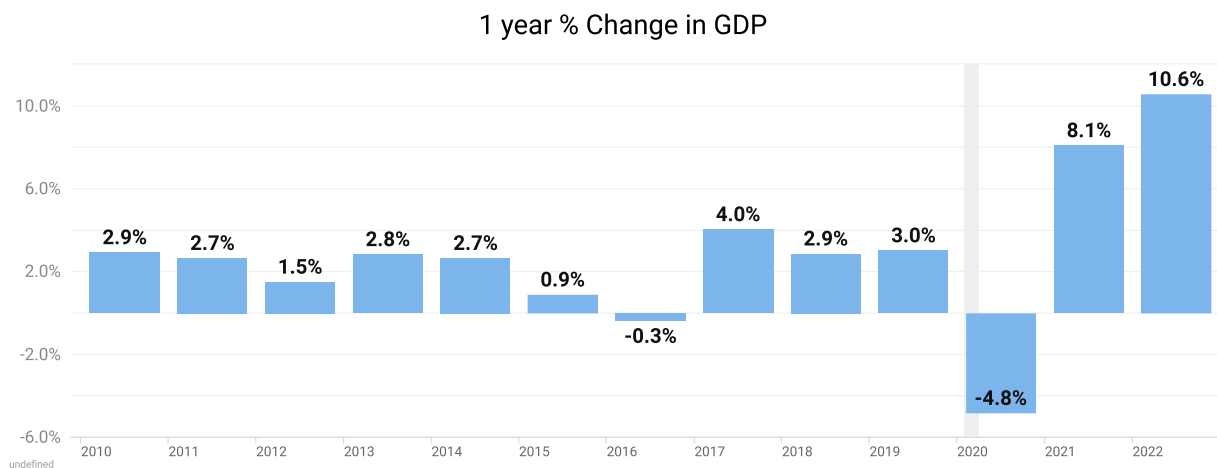


Source: JobsEQ®  
Data as of 2023Q2

Employment by occupation data are estimates as of 2023Q2. 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 Schuylkill County, Pennsylvania expanded 10.6%. This follows growth of 8.1% in 2021. As of 2022, total GDP in Schuylkill County, Pennsylvania was \$5,580,621,000.



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

Of the sectors in Schuylkill County, Pennsylvania, Manufacturing contributed the largest portion of GDP in 2022, \$1,718,806,000. The next-largest contributions came from Transportation and Warehousing (\$598,030,000); Health Care and Social Assistance (\$520,212,000); and Retail Trade (\$399,363,000).

## GDP (in \$ millions)

Manufacturing (31)

\$1,719

Transportation and Warehousing (48)

\$598

Health Care and Social Assistance (62)

\$520

Retail Trade (44)

\$399

Public Administration (92)

\$333

Educational Services (61)

\$297

Real Estate and Rental and Leasing (53)

\$289

Construction (23)

\$224

Wholesale Trade (42)

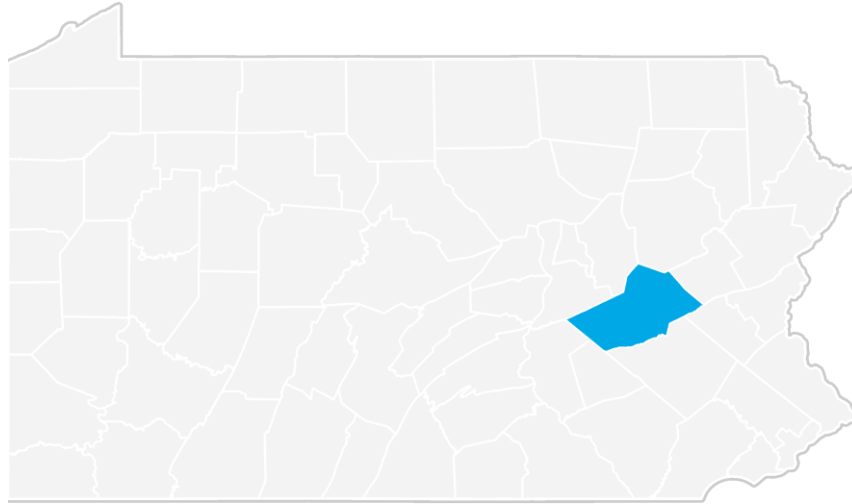
\$156

Other Services (except Public Administration) (81)

\$124

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

# Schuykill County, Pennsylvania Regional Map





# 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

This report and all data herein were produced by JobsEQ®, a product of Chmura Economics & Analytics. The information contained herein was obtained from sources we believe to be reliable. However, we cannot guarantee its accuracy and completeness.