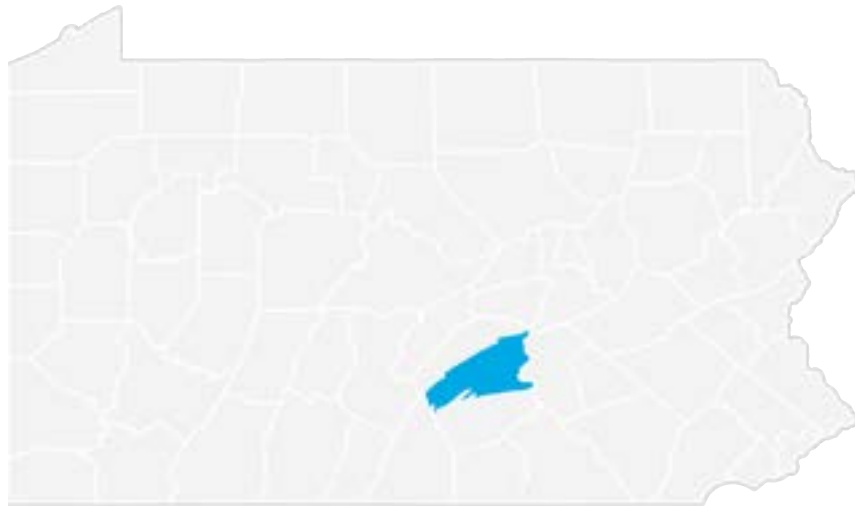


January 16, 2018



# **Economic Overview**

## **Perry County, Pennsylvania**



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# Demographic Profile

The population in Perry County, Pennsylvania was 45,647 per American Community Survey data for 2012-2016.

The region has a civilian labor force of 24,260 with a participation rate of 65.9%. Of individuals 25 to 64 in Perry County, Pennsylvania, 17.8% have a bachelor's degree or higher which compares with 31.8% in the nation.

The median household income in Perry County, Pennsylvania is \$58,585 and the median house value is \$161,800.

Summary <sup>1</sup>						
	Percent			Value		
	Perry County, Pennsylvania	Pennsylvania	USA	Perry County, Pennsylvania	Pennsylvania	USA
<b>Demographics</b>						
Population (ACS)	—	—	—	45,647	12,783,977	318,558,162
Male	50.4%	48.9%	49.2%	22,995	6,255,042	156,765,322
Female	49.6%	51.1%	50.8%	22,652	6,528,935	161,792,840
Median Age <sup>2</sup>	—	—	—	42.5	40.6	37.7
Under 18 Years	22.0%	21.2%	23.1%	10,052	2,704,268	73,612,438
18 to 24 Years	7.8%	9.6%	9.8%	3,578	1,229,863	31,296,577
25 to 34 Years	11.3%	12.8%	13.6%	5,144	1,634,292	43,397,907
35 to 44 Years	12.4%	11.9%	12.7%	5,639	1,515,459	40,548,400
45 to 54 Years	15.3%	14.1%	13.6%	6,987	1,804,510	43,460,466
55 to 64 Years	15.3%	13.8%	12.6%	7,005	1,762,338	40,061,742
65 to 74 Years	9.7%	9.0%	8.3%	4,428	1,152,343	26,355,308
75 Years, and Over	6.2%	7.7%	6.2%	2,814	980,904	19,825,324
Race: White	97.4%	81.4%	73.3%	44,455	10,402,743	233,657,078
Race: Black or African American	0.9%	11.0%	12.6%	408	1,410,563	40,241,818
Race: American Indian and Alaska Native	0.1%	0.2%	0.8%	66	24,947	2,597,817
Race: Asian	0.3%	3.1%	5.2%	153	401,979	16,614,625
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.0%	0.2%	0	4,463	560,021
Race: Some Other Race	0.2%	2.0%	4.8%	74	253,514	15,133,856
Race: Two or More Races	1.1%	2.2%	3.1%	491	285,768	9,752,947
Hispanic or Latino (of any race)	1.7%	6.6%	17.3%	769	843,164	55,199,107
<b>Population Growth</b>						
Population (Pop Estimates) <sup>5</sup>	—	—	—	45,820	12,784,227	323,127,513
Population Annual Average Growth <sup>5</sup>	0.2%	0.2%	0.8%	70	27,342	2,474,760
<b>Economic</b>						
Labor Force Participation Rate and Size (civilian population 16 years and over)	65.9%	62.6%	63.3%	24,260	6,512,133	159,807,099
Armed Forces Labor Force	0.1%	0.0%	0.4%	37	4,782	1,011,641
Veterans, Age 18-64	7.2%	4.8%	5.1%	2,042	384,430	10,165,671
Median Household Income <sup>2</sup>	—	—	—	\$58,585	\$54,895	\$55,322

Summary <sup>1</sup>						
	Percent			Value		
	Perry County, Pennsylvania	Pennsylvania	USA	Perry County, Pennsylvania	Pennsylvania	USA
Per Capita Income	—	—	—	\$27,648	\$30,137	\$29,829
Poverty Level (of all people)	8.7%	13.3%	15.1%	3,921	1,647,762	46,932,225
Households Receiving Food Stamps	9.3%	13.0%	13.0%	1,665	644,209	15,360,951
Mean Commute Time (minutes)	—	—	—	32.3	26.5	26.1
Commute via Public Transportation	0.4%	5.6%	5.1%	90	329,912	7,476,312
Union Membership <sup>3</sup>	12.3%	12.3%	10.7%	—	—	—
<b>Educational Attainment, Age 25-64</b>						
No High School Diploma	9.6%	8.3%	11.6%	2,375	560,201	19,478,050
High School Graduate	44.5%	33.3%	26.1%	11,027	2,236,679	43,788,541
Some College, No Degree	18.2%	17.1%	21.5%	4,513	1,146,639	36,025,193
Associate's Degree	9.9%	9.2%	8.9%	2,455	618,765	14,962,488
Bachelor's Degree	12.3%	20.0%	20.2%	3,059	1,345,227	33,845,524
Postgraduate Degree	5.4%	12.0%	11.6%	1,346	809,088	19,368,719
<b>Housing</b>						
Total Housing Units	—	—	—	20,486	5,592,175	134,054,899
Median House Value (of owner-occupied units) <sup>2</sup>	—	—	—	\$161,800	\$167,700	\$184,700
Homeowner Vacancy	1.1%	1.7%	1.8%	155	60,221	1,395,797
Rental Vacancy	5.3%	5.8%	6.2%	203	96,223	2,855,844
Renter-Occupied Housing Units (% of Occupied Units)	20.2%	31.0%	36.4%	3,606	1,536,223	42,835,169
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	5.1%	11.2%	9.0%	916	554,548	10,562,847
<b>Social</b>						
Enrolled in Grade 12 (% of total population)	1.2%	1.3%	1.4%	527	162,201	4,433,703
Disconnected Youth <sup>4</sup>	2.0%	2.5%	2.8%	44	16,895	485,589
Children in Single Parent Families (% of all children)	26.9%	34.7%	34.7%	2,559	894,660	24,318,038
With a Disability, Age 18-64	11.3%	11.1%	10.3%	3,182	871,015	20,188,257
With a Disability, Age 18-64, Labor Force Participation Rate and Size	49.0%	41.3%	41.0%	1,559	359,727	8,278,834
Foreign Born	1.3%	6.4%	13.2%	592	818,363	42,194,354
Speak English Less Than Very Well (population 5 yrs and over)	0.8%	4.2%	8.5%	339	501,180	25,440,956

Source: [JobsEQ®](#)

1. American Community Survey 2012-2016, 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.

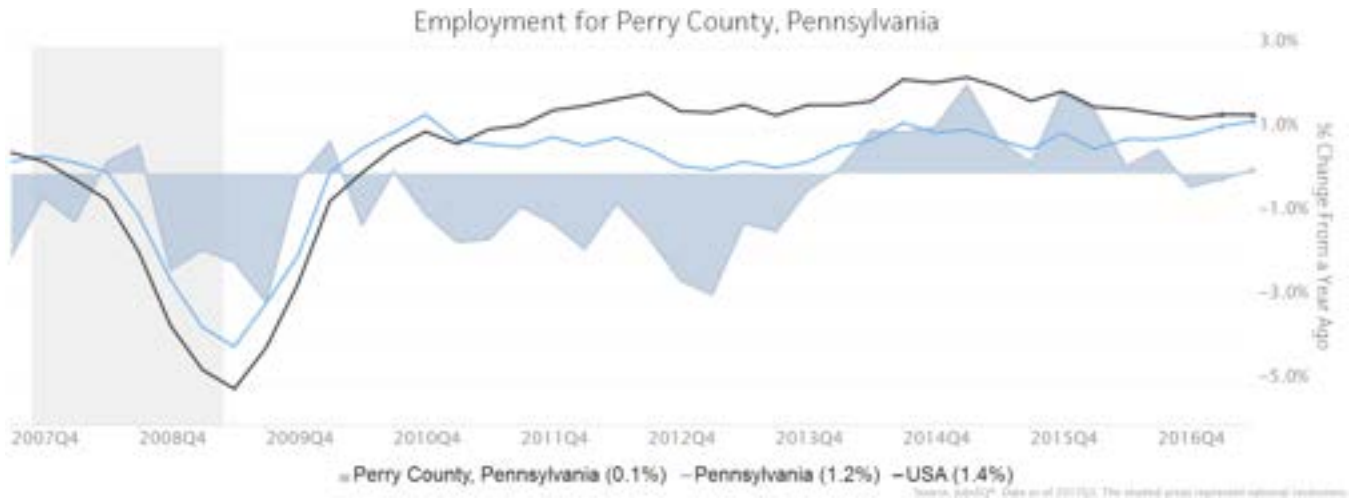
3. 2016; Current Population Survey, unionstats.com, and Chmura; county- and zip-level data are best estimates based upon industry-, MSA-, and state-level data

4. 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.

5. Census 2016, annual average growth rate since 2006

# Employment Trends

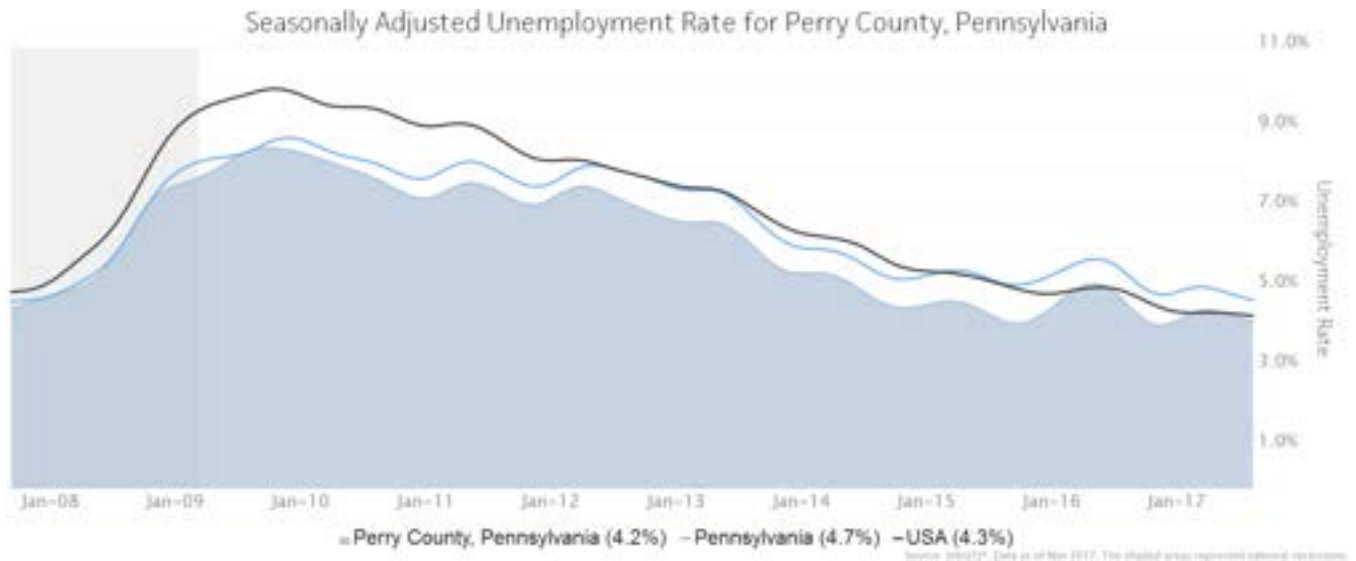
As of 2017Q3, total employment for Perry County, Pennsylvania was 9,632 (based on a four-quarter moving average). Over the year ending 2017Q3, employment increased 0.1% in the region.



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 2017Q1 with preliminary estimates updated to 2017Q3.

# Unemployment Rate

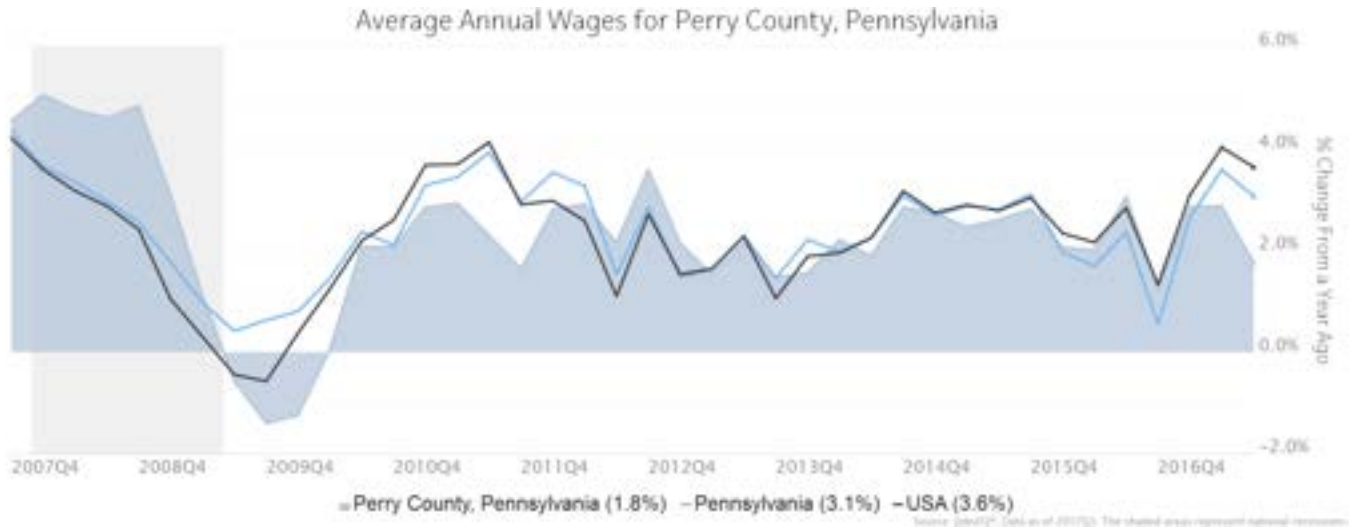
The seasonally adjusted unemployment rate for Perry County, Pennsylvania was 4.2% as of November 2017. The regional unemployment rate was lower than the national rate of 4.3%. One year earlier, in November 2016, the unemployment rate in Perry County, Pennsylvania was 4.6%.



Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through November 2017.

# Wage Trends

The average worker in Perry County, Pennsylvania earned annual wages of \$33,452 as of 2017Q3. Average annual wages per worker increased 1.8% in the region during the preceding four quarters. For comparison purposes, annual average wages were \$54,666 in the nation as of 2017Q3.



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 2017Q1 with preliminary estimates updated to 2017Q3.

# 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 1.8% lower in Perry County, Pennsylvania than the U.S. average.

Cost of Living Information			
	Annual Average Salary	Cost of Living Index (Base US)	US Purchasing Power
Perry County, Pennsylvania	\$33,452	98.2	\$34,075
Pennsylvania	\$53,417	107.2	\$49,834
USA	\$54,666	100.0	\$54,666

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

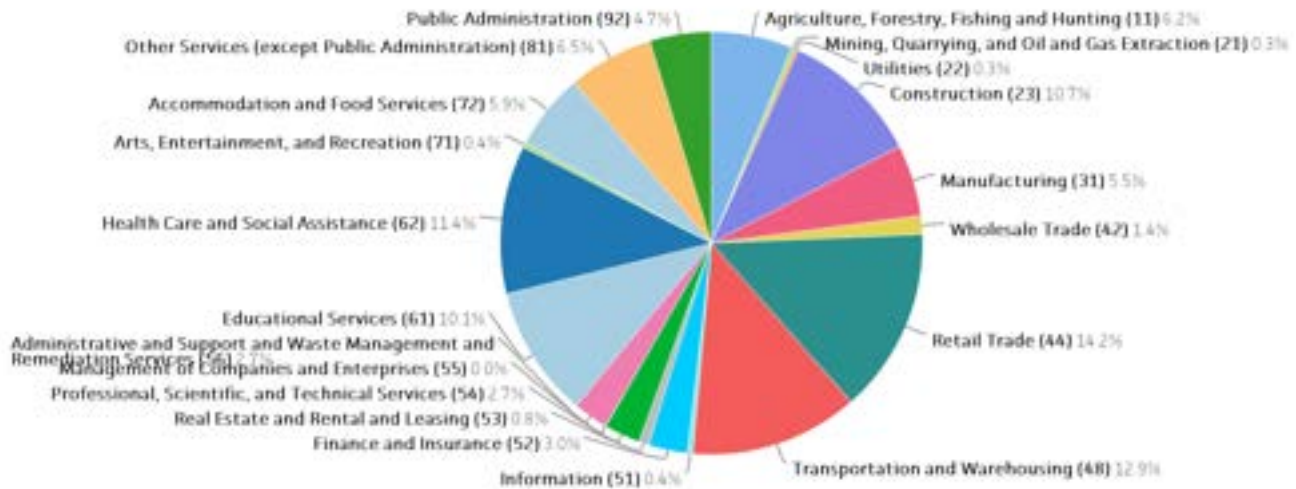
Data as of 2017Q3

Cost of Living per C2ER, data as of 2017q2, imputed by Chmura where necessary.

# Industry Snapshot

The largest sector in Perry County, Pennsylvania is Retail Trade, employing 1,364 workers. The next-largest sectors in the region are Transportation and Warehousing (1,242 workers) and Health Care and Social Assistance (1,094). 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 Agriculture, Forestry, Fishing and Hunting (LQ = 4.37), Transportation and Warehousing (3.09), and Construction (1.93).

Total Workers for Perry County, Pennsylvania by Industry



Source: JobsEQ Data as of 10/1/20

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 2017Q1 with preliminary estimates updated to 2017Q3.

Sectors in Perry County, Pennsylvania with the highest average wages per worker are Management of Companies and Enterprises (\$63,183), Finance and Insurance (\$50,720), and Manufacturing (\$46,323). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Accommodation and Food Services (+146 jobs), Transportation and Warehousing (+121), and Construction (+36).

Over the next 1 year, employment in Perry County, Pennsylvania is projected to contract by 10 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +1.5% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+16 jobs), Construction (+3), and Professional, Scientific, and Technical Services (+1).

		Current			Historical				Forecast		
		Four Quarters Ending with 2017q3			Total Change over the Last 5 Years	Average Annual % Change in Employment 2012q3-2017q3			Over the Next 1 Year		
NAICS	Industry	Empl	Avg. Annual Wages	Location Quotient	Empl	Perry County, Pennsylvania	Pennsylvania	USA	Total Approx Sep Demand	Total Growth Demand	Avg. Annual Growth Percent
11	Agriculture, Forestry, Fishing and Hunting	598	\$30,095	4.37	34	1.2%	0.6%	0.7%	64	-6	-1.0%
21	Mining, Quarrying, and Oil and Gas Extraction	25	\$45,675	0.65	15	20.9%	-7.8%	-5.3%	3	0	0.7%
22	Utilities	26	\$16,301	0.51	2	1.6%	1.3%	0.2%	2	0	0.0%
23	Construction	1,033	\$38,795	1.93	36	0.7%	1.0%	3.4%	101	3	0.3%
31	Manufacturing	527	\$46,323	0.67	35	1.4%	-0.2%	0.8%	55	-6	-1.2%
42	Wholesale Trade	136	\$44,200	0.36	-4	-0.6%	-0.8%	0.9%	14	0	-0.3%
44	Retail Trade	1,364	\$23,817	1.31	-92	-1.3%	-0.1%	1.3%	182	-7	-0.5%
48	Transportation and Warehousing	1,242	\$29,776	3.09	121	2.1%	2.5%	2.6%	131	-7	-0.6%
51	Information	41	\$32,267	0.21	-3	-1.5%	-1.5%	0.9%	4	0	-0.8%
52	Finance and Insurance	288	\$50,720	0.75	17	1.3%	0.4%	1.1%	27	-2	-0.6%
53	Real Estate and Rental and Leasing	74	\$41,439	0.45	8	2.5%	1.3%	2.0%	8	0	-0.5%
54	Professional, Scientific, and Technical Services	264	\$40,409	0.42	-19	-1.4%	1.8%	2.3%	23	1	0.4%
55	Management of Companies and Enterprises	4	\$63,183	0.03	1	10.4%	1.0%	2.7%	0	0	-0.3%
56	Administrative and Support and Waste Management and Remediation Services	258	\$28,398	0.41	31	2.6%	1.9%	2.5%	30	1	0.5%
61	Educational Services	972	\$45,312	1.22	-103	-2.0%	-0.6%	0.7%	90	0	0.0%
62	Health Care and Social Assistance	1,094	\$33,789	0.80	-203	-3.4%	1.5%	2.5%	103	16	1.5%
71	Arts, Entertainment, and Recreation	39	\$11,418	0.21	-8	-3.6%	0.6%	2.3%	6	0	-0.1%
72	Accommodation and Food Services	564	\$12,808	0.65	146	6.2%	2.0%	3.0%	91	0	-0.1%
81	Other Services (except Public Administration)	628	\$22,811	1.47	31	1.0%	0.5%	-0.2%	71	-2	-0.3%
92	Public Administration	455	\$35,154	1.00	-44	-1.8%	-0.6%	0.1%	42	-2	-0.5%
	<b>Total - All Industries</b>	<b>9,632</b>	<b>\$33,452</b>	<b>1.00</b>	<b>2</b>	<b>0.0%</b>	<b>0.7%</b>	<b>1.7%</b>	<b>1,050</b>	<b>-10</b>	<b>-0.1%</b>

Source: [JobsEQ®](#)

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 2017Q1 with preliminary estimates updated to 2017Q3. Forecast employment growth uses national projections adapted for regional growth patterns.



# Occupation Snapshot

The largest major occupation group in Perry County, Pennsylvania is Transportation and Material Moving Occupations, employing 1,274 workers. The next-largest occupation groups in the region are Office and Administrative Support Occupations (1,152 workers) and Sales and Related Occupations (944). 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 Farming, Fishing, and Forestry Occupations (LQ = 2.25), Transportation and Material Moving Occupations (1.95), and Construction and Extraction Occupations (1.82).

Occupation groups in Perry County, Pennsylvania with the highest average wages per worker are Management Occupations (\$89,800), Legal Occupations (\$89,800), and Computer and Mathematical Occupations (\$64,900). The unemployment rate in the region varied among the major groups from 1.5% among Legal Occupations to 6.2% among Food Preparation and Serving Related Occupations.

Over the next 1 year, the fastest growing occupation group in Perry County, Pennsylvania is expected to be Personal Care and Service Occupations with a +1.4% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Personal Care and Service Occupations (+5 jobs) and Community and Social Service Occupations (+3). 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 (146 jobs) and Sales and Related Occupations (133).

Occupation Snapshot in Perry County, Pennsylvania														
		Current					Historical				Forecast			
		Four Quarters Ending with 2017q3			2017q3		Total Change over the Last 5 Years	Avg Ann % Chg in Empl 2012q3-2017q3			Over the Next 1 Year			
SOC	Occupation	Empl	Avg. Annual Wages <sup>1</sup>	LQ	Unempl	Unempl Rate	Empl	Perry County, Pennsylvania	Pennsylvania	USA	Current Online Job Ads <sup>2</sup>	Total Sep Demand	Total Growth Demand	Avg. Annual Growth Percent
11-0000	Management	789	\$89,800	1.36	19	1.5%	0	0.0%	0.6%	1.5%	8	58	-2	-0.3%
13-0000	Business and Financial Operations	251	\$58,400	0.51	25	2.9%	3	0.2%	0.8%	1.6%	2	22	1	0.2%
15-0000	Computer and Mathematical	93	\$64,900	0.33	13	2.9%	-7	-1.4%	1.4%	2.4%	0	6	1	0.6%
17-0000	Architecture and Engineering	50	\$61,700	0.31	7	3.0%	-7	-2.7%	0.1%	1.0%	0	4	0	0.0%
19-0000	Life, Physical, and Social Science	29	\$57,000	0.37	3	3.1%	-3	-2.2%	0.5%	1.1%	0	2	0	0.3%
21-0000	Community and Social Service	205	\$40,300	1.33	8	2.0%	-1	-0.1%	0.8%	1.9%	11	23	3	1.3%
23-0000	Legal	37	\$89,800	0.47	2	1.5%	-9	-4.1%	-0.3%	0.4%	0	2	0	0.1%
25-0000	Education, Training, and Library	741	\$41,200	1.37	56	4.9%	-85	-2.2%	-0.5%	0.8%	3	62	2	0.2%
27-0000	Arts, Design, Entertainment, Sports, and Media	108	\$38,000	0.63	7	2.9%	-15	-2.6%	0.2%	1.1%	3	10	-1	-0.7%

Occupation Snapshot in Perry County, Pennsylvania															
		Current					Historical					Forecast			
		Four Quarters Ending with 2017q3			2017q3		Total Change over the Last 5 Years	Avg Ann % Chg in Empl 2012q3-2017q3			Over the Next 1 Year				
SOC	Occupation	Empl	Avg. Annual Wages <sup>1</sup>	LQ	Unempl	Unempl Rate	Empl	Perry County, Pennsylvania	Pennsylvania	USA	Current Online Job Ads <sup>2</sup>	Total Sep Demand	Total Growth Demand	Avg. Annual Growth Percent	
29-0000	Healthcare Practitioners and Technical	364	\$59,900	0.66	19	1.8%	-83	-4.0%	0.8%	1.7%	22	20	3	0.9%	
31-0000	Healthcare Support	224	\$26,700	0.83	36	5.0%	-81	-6.0%	1.7%	2.2%	21	26	2	1.1%	
33-0000	Protective Service	206	\$40,200	1.00	17	3.5%	-2	-0.2%	0.5%	1.0%	0	31	-1	-0.4%	
35-0000	Food Preparation and Serving Related	689	\$19,900	0.83	131	6.2%	111	3.6%	1.6%	2.9%	18	116	-1	-0.1%	
37-0000	Building and Grounds Cleaning and Maintenance	304	\$23,000	0.89	42	4.9%	11	0.7%	0.5%	1.0%	13	37	0	0.2%	
39-0000	Personal Care and Service	382	\$22,400	1.02	42	4.4%	4	0.2%	2.5%	2.0%	16	56	5	1.4%	
41-0000	Sales and Related	944	\$29,200	0.95	97	4.2%	-17	-0.4%	0.0%	1.3%	65	133	-5	-0.5%	
43-0000	Office and Administrative Support	1,152	\$32,800	0.81	166	4.4%	-32	-0.5%	0.6%	1.7%	18	124	-9	-0.8%	
45-0000	Farming, Fishing, and Forestry	144	\$31,700	2.25	9	4.8%	21	3.2%	1.2%	1.3%	4	20	-2	-1.2%	
47-0000	Construction and Extraction	792	\$40,300	1.82	74	5.5%	28	0.7%	0.4%	2.6%	4	78	2	0.3%	
49-0000	Installation, Maintenance, and Repair	447	\$39,100	1.21	35	3.2%	25	1.1%	0.5%	1.6%	14	41	-1	-0.2%	
51-0000	Production	407	\$31,600	0.69	87	5.5%	15	0.7%	0.1%	1.2%	3	45	-4	-1.0%	
53-0000	Transportation and Material Moving	1,274	\$28,300	1.95	159	5.3%	125	2.1%	1.5%	2.2%	56	146	-5	-0.4%	
00-0000	Total - All Occupations	9,632	\$36,900	1.00	n/a	n/a	2	0.0%	0.7%	1.7%	281	1,064	-10	-0.1%	

Source: [JobsEQ®](#)

Data as of 2017Q3 unless noted otherwise

Note: Figures may not sum due to rounding.

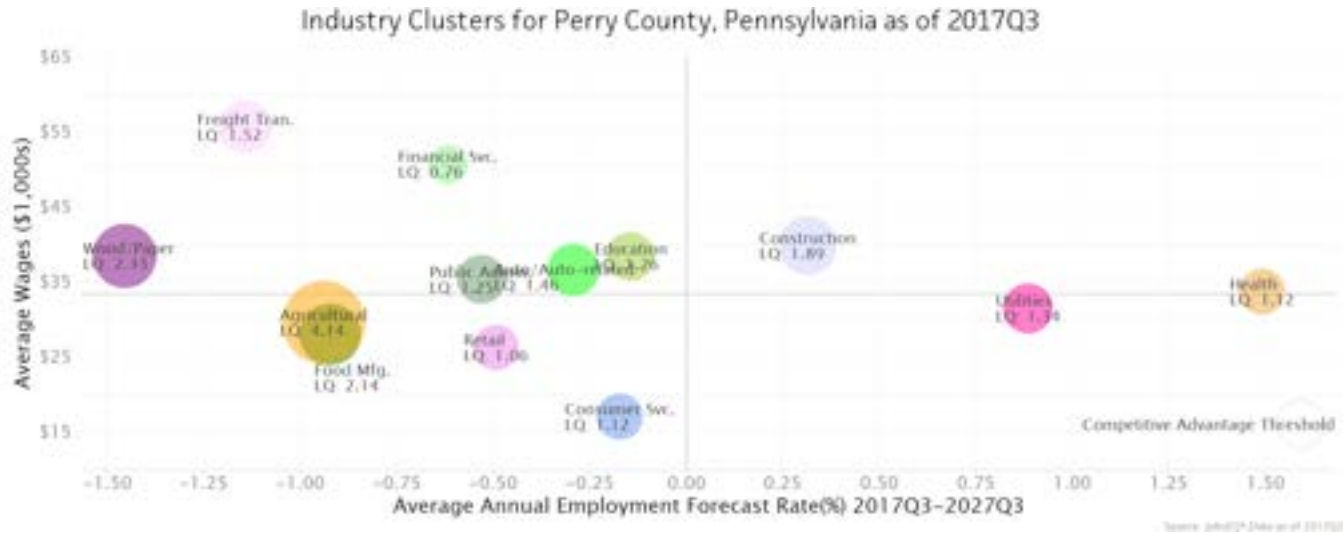
1. Occupation wages are as of 2016 and should be taken as the average for all Covered Employment

2. Data represent found online ads active within the last thirty days in any zip code intersecting or within the selected region; data represents a sampling rather than the complete universe of postings.

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 2017Q1, imputed where necessary with preliminary estimates updated to 2017Q3. Wages by occupation are as of 2016 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 Perry County, Pennsylvania with the highest relative concentration is Agricultural with a location quotient of 4.14. This cluster employs 587 workers in the region with an average wage of \$29,621. Employment in the Agricultural cluster is projected to contract in the region about 0.9% per year over the next ten years.

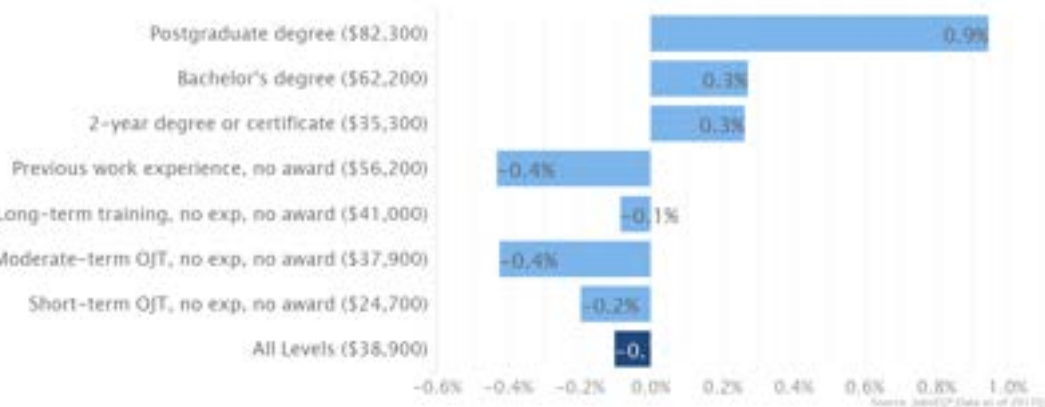


Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2017Q1 with preliminary estimates updated to 2017Q3. Forecast employment growth uses national projections from 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 Perry County, Pennsylvania is projected to contract 0.1% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.9% per year, those requiring a bachelor's degree are forecast to grow 0.3% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.3% per year.

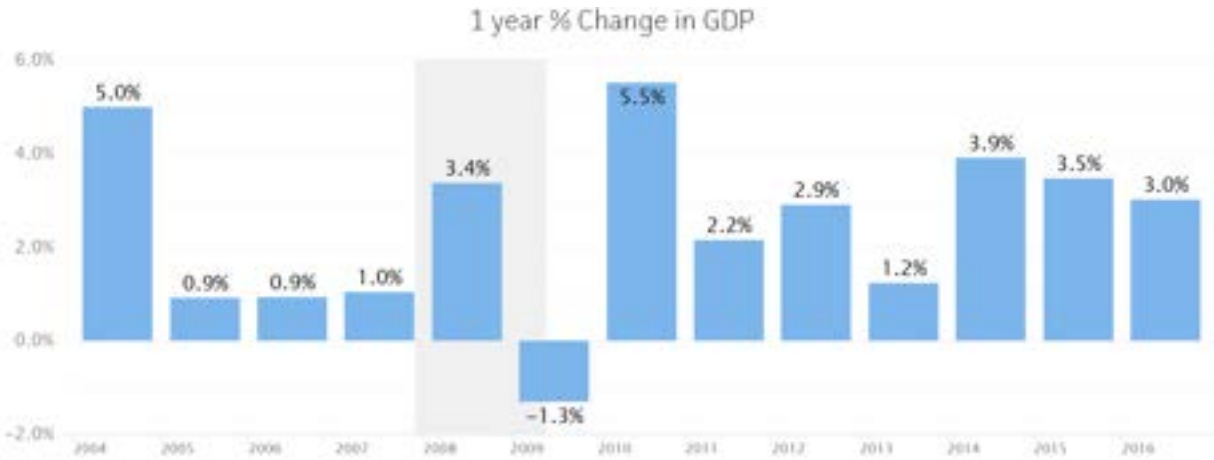
Annual Average Projected Job Growth by Training Required for Perry County, Pennsylvania



Employment by occupation data are estimates as of 2017Q3. 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.

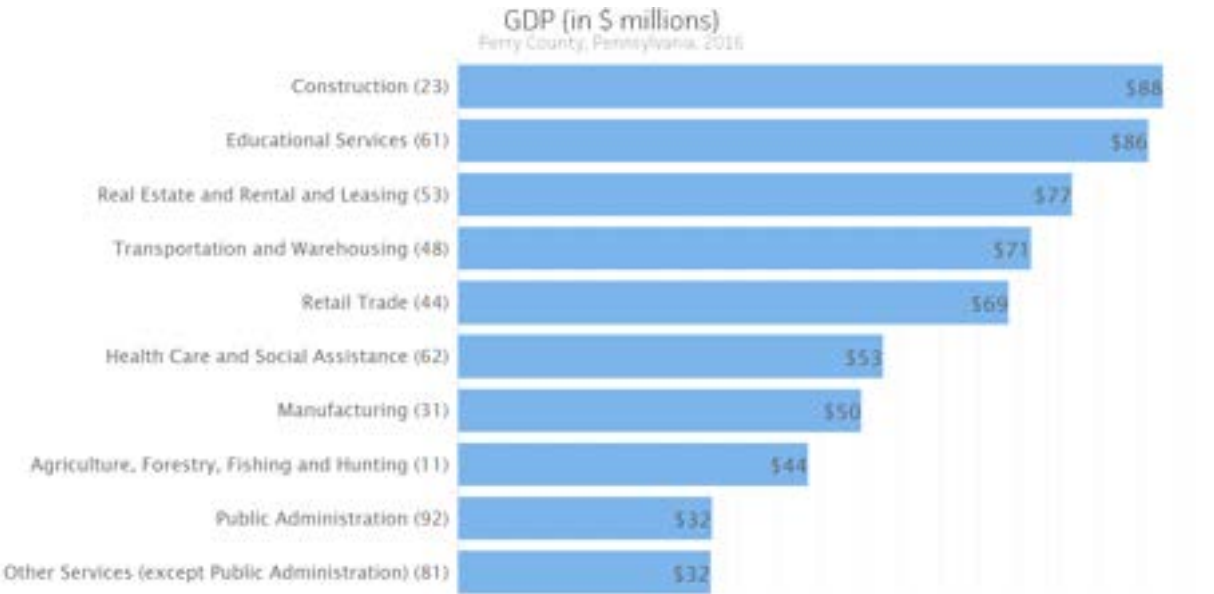
# Gross Domestic Product

Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2016, nominal GDP in Perry County, Pennsylvania expanded 3.0%. This follows growth of 3.5% in 2015. As of 2016, total GDP in Perry County, Pennsylvania was \$707,094,000.



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2016.

Of the sectors in Perry County, Pennsylvania, Construction contributed the largest portion of GDP in 2016, \$87,931,000. The next-largest contributions came from Educational Services (\$86,081,000); Real Estate and Rental and Leasing (\$76,588,000); and Transportation and Warehousing (\$71,441,000).



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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 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

## About This Report

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