

Central Pennsylvania Industry Cluster Profile

2017 Update

Population:
626,700

Jobs:
285,400

Average Earnings:
\$54,100

Unemployment Rate:
4.6%

Self-Sufficiency:
\$34,000

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	1,000	500	50	1,500	1,500	640	290	2,300	1,700	460	1,200	290
Jobs	20,900	11,100	1,300	20,000	20,100	50,000	5,600	44,600	27,300	8,000	8,600	10,300
Net Change in Job Volume	-300	-500	-400	-60	-600	-700	-700	5,000	650	90	-600	530
Percent Change in Job Volume	-1.6%	-4.1%	-24.0%	-0.3%	-3.1%	-1.3%	-11.1%	12.5%	2.5%	1.1%	-6.2%	5.4%
Cluster Jobs as a Percent of Total County Jobs	7.3%	3.9%	0.5%	7.0%	7.1%	17.5%	2.0%	15.6%	9.6%	2.8%	3.0%	3.6%
Average Earnings Per Worker	\$58,800	\$49,800	\$85,800	\$52,000	\$61,000	\$66,500	\$91,300	\$65,100	\$18,900	\$56,600	\$58,900	\$53,400
Estimated Cluster Payroll (\$Millions)	\$1,227.2	\$554.2	\$110.3	\$1,037.9	\$1,228.7	\$3,320.0	\$509.7	\$2,901.2	\$515.5	\$454.0	\$507.4	\$550.3
State Location Quotient	1.05	1.26	0.36	1.05	0.57	1.63	1.05	0.97	0.96	0.71	0.58	2.11
Change in SLQ	0.03	-0.10	-0.12	-0.02	-0.03	0.01	-0.02	0.06	-0.02	-0.09	-0.04	0.29
National Location Quotient	1.08	1.07	0.44	0.98	0.55	1.75	1.25	1.21	0.85	0.79	0.54	2.66
Change in NLQ	0.00	-0.05	-0.13	-0.08	-0.04	0.04	0.00	0.08	-0.04	-0.08	-0.04	0.39

Centre County Industry Cluster Profile

2017 Update

Population:
162,800

Jobs:
82,400

Average Earnings:
\$59,600

Unemployment Rate:
3.4%

Self-Sufficiency:
\$40,600

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	210	90	30	360	540	140	50	510	460	80	370	70
Jobs	4,100	1,200	540	4,500	6,300	27,300	620	9,100	8,200	1,300	2,700	840
Net Change in Job Volume	0	160	-200	-200	530	200	-200	1,400	290	70	280	-200
Percent Change in Job Volume	-0.1%	15.1%	-22.7%	-4.7%	9.1%	0.8%	-21.8%	18.2%	3.6%	5.8%	11.7%	-20.9%
Cluster Jobs as a Percent of Total County Jobs	5.0%	1.5%	0.7%	5.5%	7.7%	33.2%	0.8%	11.0%	9.9%	1.6%	3.3%	1.0%
Average Earnings Per Worker	\$62,900	\$46,300	\$71,600	\$54,400	\$69,900	\$74,400	\$77,100	\$64,000	\$20,300	\$58,900	\$68,800	\$36,000
Estimated Cluster Payroll (\$Millions)	\$260.0	\$57.2	\$38.6	\$244.6	\$443.4	\$2,034.6	\$47.8	\$581.1	\$166.6	\$76.9	\$186.2	\$30.1
State Location Quotient	0.72	0.49	0.52	0.82	0.62	3.10	0.40	0.68	0.99	0.40	0.63	0.59
Change in SLQ	0.01	0.03	-0.18	-0.09	0.02	-0.03	-0.08	0.05	-0.05	-0.05	0.05	-0.11
National Location Quotient	0.74	0.41	0.64	0.76	0.60	3.32	0.48	0.85	0.89	0.45	0.59	0.75
Change in NLQ	-0.01	0.04	-0.20	-0.13	0.01	0.03	-0.08	0.07	-0.06	-0.04	0.04	-0.13

Clinton County Industry Cluster Profile

2017 Update

Population:
39,200

Jobs:
14,500

Average Earnings:
\$51,400

Unemployment Rate:
5.8%

Self-Sufficiency:
\$31,600

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	60	20	0	110	60	30	30	140	100	30	60	20
Jobs	1,400	530	30	1,100	770	1,800	670	1,100	1,300	250	360	1,700
Net Change in Job Volume	90	60	--	-20	-70	-20	70	-100	-60	-100	-30	80
Percent Change in Job Volume	7.1%	13.0%	--	-2.2%	-8.4%	-1.1%	12.4%	-9.7%	-4.6%	-30.0%	-7.7%	4.6%
Cluster Jobs as a Percent of Total County Jobs	9.5%	3.7%	0.2%	7.3%	5.3%	12.3%	4.7%	7.6%	9.2%	1.7%	2.5%	11.9%
Average Earnings Per Worker	\$63,100	\$43,700	\$68,800	\$45,700	\$34,400	\$63,500	\$92,200	\$50,200	\$17,700	\$52,300	\$42,800	\$73,700
Estimated Cluster Payroll (\$Millions)	\$86.4	\$23.2	\$2.2	\$48.3	\$26.4	\$112.7	\$62.1	\$55.2	\$23.5	\$12.8	\$15.5	\$126.8
State Location Quotient	1.36	1.19	0.18	1.10	0.43	1.15	2.50	0.47	0.92	0.43	0.48	6.96
Change in SLQ	0.19	0.14	--	-0.01	-0.04	0.05	0.55	-0.06	-0.06	-0.25	-0.02	1.12
National Location Quotient	1.40	1.01	0.22	1.02	0.42	1.23	2.96	0.59	0.82	0.48	0.45	8.76
Change in NLQ	0.16	0.14	--	-0.07	-0.04	0.07	0.70	-0.07	-0.07	-0.25	-0.02	1.50

Columbia County Industry Cluster Profile

2017 Update

Population:
66,400

Jobs:
27,300

Average Earnings:
\$48,100

Unemployment Rate:
5.0%

Self-Sufficiency:
\$32,000

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	120	60	0	180	150	80	40	230	200	40	110	20
Jobs	2,300	1,800	20	2,300	2,600	3,600	460	3,200	3,100	1,100	710	340
Net Change in Job Volume	100	-300	-80	-90	1,200	-300	160	80	10	20	-500	-50
Percent Change in Job Volume	4.6%	-13.7%	-76.8%	-3.6%	86.4%	-7.3%	52.2%	2.5%	0.3%	1.9%	-39.1%	-12.9%
Cluster Jobs as a Percent of Total County Jobs	8.5%	6.5%	0.1%	8.4%	9.7%	13.0%	1.7%	11.6%	11.2%	4.2%	2.6%	1.2%
Average Earnings Per Worker	\$58,400	\$54,600	\$53,100	\$53,300	\$57,800	\$65,400	\$63,500	\$53,200	\$16,800	\$52,200	\$51,100	\$42,100
Estimated Cluster Payroll (\$Millions)	\$136.0	\$96.7	\$1.2	\$121.7	\$152.6	\$232.9	\$29.1	\$168.7	\$51.3	\$59.5	\$36.2	\$14.2
State Location Quotient	1.22	2.10	0.07	1.25	0.78	1.22	0.90	0.72	1.12	1.05	0.50	0.72
Change in SLQ	0.12	-0.40	-0.22	-0.06	0.35	-0.06	0.37	-0.01	-0.04	-0.12	-0.31	-0.03
National Location Quotient	1.26	1.78	0.08	1.17	0.76	1.30	1.07	0.90	1.00	1.17	0.46	0.91
Change in NLQ	0.08	-0.28	-0.26	-0.13	0.34	-0.04	0.45	-0.01	-0.06	-0.09	-0.29	-0.02

Lycoming County Industry Cluster Profile

2017 Update

Population:
115,000

Jobs:
56,200

Average Earnings:
\$51,700

Unemployment Rate:
5.2%

Self-Sufficiency:
\$33,800

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	260	80	10	310	340	150	80	550	350	100	260	60
Jobs	6,000	1,700	100	4,300	4,800	6,100	1,900	8,500	5,300	1,500	2,000	2,200
Net Change in Job Volume	-800	-200	60	-300	170	-200	-1,000	350	-100	-100	230	-90
Percent Change in Job Volume	-12.2%	-9.9%	135.7%	-6.9%	3.6%	-3.8%	-34.4%	4.3%	-2.1%	-8.0%	12.8%	-4.1%
Cluster Jobs as a Percent of Total County Jobs	10.7%	3.0%	0.2%	7.6%	8.5%	10.8%	3.4%	15.2%	9.4%	2.7%	3.6%	3.8%
Average Earnings Per Worker	\$61,500	\$58,500	\$62,000	\$54,000	\$51,100	\$57,400	\$94,400	\$60,200	\$18,900	\$57,000	\$56,100	\$50,000
Estimated Cluster Payroll (\$Millions)	\$370.5	\$98.3	\$6.1	\$229.8	\$243.6	\$349.2	\$179.7	\$513.8	\$100.1	\$86.8	\$114.7	\$107.7
State Location Quotient	1.54	0.97	0.14	1.14	0.69	1.01	1.82	0.94	0.94	0.68	0.70	2.24
Change in SLQ	-0.04	-0.08	0.08	-0.04	0.04	0.04	-0.56	0.04	-0.01	-0.12	0.11	0.23
National Location Quotient	1.58	0.82	0.17	1.06	0.67	1.09	2.16	1.18	0.84	0.76	0.65	2.83
Change in NLQ	-0.09	-0.04	0.10	-0.10	0.03	0.06	-0.60	0.06	-0.03	-0.10	0.10	0.32

Mifflin County Industry Cluster Profile

2017 Update

Population:
46,300

Jobs:
17,500

Average Earnings:
\$46,500

Unemployment Rate:
5.0%

Self-Sufficiency:
\$28,700

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	80	50	0	120	70	40	20	180	110	40	60	40
Jobs	2,200	600	430	1,500	510	1,300	220	3,600	1,400	570	500	1,400
Net Change in Job Volume	-400	80	50	10	-60	-60	-40	530	40	-10	0	440
Percent Change in Job Volume	-17.2%	16.1%	12.0%	0.3%	-10.0%	-4.1%	-15.2%	17.5%	3.0%	-1.9%	-0.8%	45.0%
Cluster Jobs as a Percent of Total County Jobs	12.4%	3.4%	2.5%	8.8%	2.9%	7.5%	1.3%	20.4%	8.1%	3.3%	2.8%	8.1%
Average Earnings Per Worker	\$62,000	\$35,500	\$93,800	\$46,800	\$43,700	\$55,800	\$57,700	\$49,500	\$15,500	\$61,000	\$50,100	\$51,300
Estimated Cluster Payroll (\$Millions)	\$134.0	\$21.3	\$40.2	\$71.9	\$22.4	\$72.9	\$12.9	\$176.4	\$22.0	\$34.8	\$24.9	\$72.3
State Location Quotient	1.77	1.11	1.95	1.32	0.24	0.70	0.69	1.26	0.81	0.82	0.54	4.71
Change in SLQ	-0.31	0.10	0.16	-0.05	-0.04	-0.03	-0.06	0.11	-0.03	-0.16	-0.01	1.70
National Location Quotient	1.82	0.94	2.39	1.23	0.23	0.75	0.82	1.58	0.72	0.92	0.51	5.93
Change in NLQ	-0.39	0.11	0.25	-0.12	-0.04	-0.02	-0.05	0.14	-0.04	-0.14	-0.02	2.18

Montour County Industry Cluster Profile

2017 Update

Population:
18,300

Jobs:
16,400

Average Earnings:
\$81,400

Unemployment Rate:
3.7%

Self-Sufficiency:
\$33,200

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	20	20	0	40	50	20	10	80	50	20	40	0
Jobs	670	300	<10	300	1,800	620	270	9,600	770	150	330	60
Net Change in Job Volume	260	-10	--	-10	-2,800	10	-100	2,400	-40	-30	-500	-30
Percent Change in Job Volume	64.4%	-3.6%	--	-1.6%	-61.4%	1.8%	-31.0%	32.6%	-4.9%	-17.6%	-60.0%	-33.3%
Cluster Jobs as a Percent of Total County Jobs	4.1%	1.8%	--	1.8%	10.8%	3.8%	1.6%	58.2%	4.7%	0.9%	2.0%	0.4%
Average Earnings Per Worker	\$48,900	\$41,700	--	\$39,600	\$87,700	\$65,300	\$144,100	\$96,900	\$19,400	\$39,100	\$75,900	\$72,100
Estimated Cluster Payroll (\$Millions)	\$32.7	\$12.4	--	\$11.9	\$156.0	\$40.4	\$38.8	\$926.2	\$14.9	\$5.9	\$24.7	\$4.2
State Location Quotient	0.58	0.59	--	0.27	0.88	0.35	0.88	3.61	0.47	0.23	0.38	0.21
Change in SLQ	0.27	0.00	--	0.01	-1.29	0.04	-0.19	0.95	-0.01	-0.07	-0.50	-0.06
National Location Quotient	0.60	0.50	--	0.26	0.85	0.38	1.04	4.51	0.41	0.26	0.35	0.26
Change in NLQ	0.27	0.02	--	-0.01	-1.28	0.05	-0.21	1.19	-0.02	-0.06	-0.47	-0.07

Northumberland County Industry Cluster Profile

2017 Update

Population:
92,300

Jobs:
31,000

Average Earnings:
\$48,900

Unemployment Rate:
5.3%

Self-Sufficiency:
\$28,600

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	130	90	0	200	140	90	50	320	200	100	130	20
Jobs	2,500	3,000	130	2,100	1,800	2,800	940	4,300	2,800	2,400	880	850
Net Change in Job Volume	410	-500	-300	-100	430	-300	60	60	110	300	-100	-20
Percent Change in Job Volume	19.6%	-13.6%	-68.1%	-6.2%	30.2%	-9.8%	7.2%	1.5%	4.3%	14.4%	-10.8%	-2.2%
Cluster Jobs as a Percent of Total County Jobs	8.0%	9.8%	0.4%	6.9%	6.0%	9.2%	3.0%	13.9%	8.9%	7.6%	2.8%	2.7%
Average Earnings Per Worker	\$52,300	\$53,700	\$140,000	\$46,600	\$64,700	\$53,700	\$89,600	\$45,800	\$19,400	\$57,800	\$55,000	\$50,600
Estimated Cluster Payroll (\$Millions)	\$130.3	\$163.5	\$18.8	\$99.4	\$119.7	\$152.7	\$83.9	\$197.8	\$53.7	\$136.7	\$48.1	\$43.2
State Location Quotient	1.15	3.18	0.34	1.03	0.48	0.86	1.62	0.86	0.89	1.91	0.54	1.61
Change in SLQ	0.25	-0.55	-0.72	-0.06	0.11	-0.06	0.28	-0.01	0.01	0.04	-0.05	0.15
National Location Quotient	1.18	2.70	0.42	0.96	0.47	0.92	1.92	1.08	0.79	2.14	0.50	2.02
Change in NLQ	0.23	-0.37	-0.85	-0.12	0.10	-0.04	0.36	-0.01	0.00	0.11	-0.05	0.21

Snyder County Industry Cluster Profile

2017 Update

Population:
40,700

Jobs:
19,200

Average Earnings:
\$44,100

Unemployment Rate:
4.1%

Self-Sufficiency:
\$29,000

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	90	50	0	120	70	40	10	100	120	30	70	40
Jobs	950	1,300	<10	2,700	590	2,300	390	1,300	2,100	300	500	2,200
Net Change in Job Volume	90	40	--	740	-20	-200	320	260	140	30	10	250
Percent Change in Job Volume	9.9%	2.8%	--	37.2%	-3.4%	-7.6%	465.2%	24.6%	7.3%	10.8%	2.5%	13.0%
Cluster Jobs as a Percent of Total County Jobs	5.0%	7.0%	--	14.3%	3.1%	12.0%	2.0%	6.9%	10.9%	1.5%	2.6%	11.3%
Average Earnings Per Worker	\$40,800	\$42,100	--	\$56,700	\$43,600	\$46,600	\$123,900	\$39,300	\$18,600	\$47,500	\$51,200	\$52,000
Estimated Cluster Payroll (\$Millions)	\$38.9	\$56.3	--	\$155.5	\$25.6	\$107.1	\$48.3	\$52.1	\$39.0	\$14.1	\$25.5	\$112.3
State Location Quotient	0.71	2.26	--	2.15	0.25	1.12	1.09	0.43	1.09	0.39	0.50	6.58
Change in SLQ	0.05	-0.19	--	0.43	-0.04	-0.16	0.90	0.04	-0.06	-0.04	-0.02	0.89
National Location Quotient	0.73	1.92	--	2.00	0.24	1.20	1.30	0.54	0.97	0.44	0.46	8.29
Change in NLQ	0.03	-0.10	--	0.31	-0.04	-0.15	1.08	0.05	-0.07	-0.03	-0.03	1.20

Union County Industry Cluster Profile

2017 Update

Population:
45,700

Jobs:
20,900

Average Earnings:
\$49,900

Unemployment Rate:
3.9%

Self-Sufficiency:
\$30,100

Cluster Statistics	Industry Cluster											
	Advanced Manufacturing	Agriculture & Food Production	Bio-Medical	Building and Construction	Business Services	Education	Energy	Health Care	Hospitality, Leisure, & Entertainment	Logistics and Transportation	Real Estate, Finance & Insurance	Wood, Wood Products, & Publishing
Establishments	60	50	0	110	100	40	10	170	120	30	80	20
Jobs	740	630	30	1,200	900	4,100	110	3,900	2,400	430	600	790
Net Change in Job Volume	0	140	--	-20	-20	200	20	50	280	-60	-10	180
Percent Change in Job Volume	0.3%	27.9%	--	-1.7%	-1.8%	5.1%	19.8%	1.4%	13.4%	-11.4%	-1.5%	28.6%
Cluster Jobs as a Percent of Total County Jobs	3.6%	3.0%	0.1%	5.5%	4.3%	19.7%	0.5%	18.6%	11.3%	2.0%	2.9%	3.8%
Average Earnings Per Worker	\$51,800	\$40,200	\$86,700	\$47,300	\$43,500	\$52,800	\$64,800	\$59,000	\$18,800	\$62,100	\$52,800	\$50,400
Estimated Cluster Payroll (\$Millions)	\$38.5	\$25.2	\$2.3	\$54.7	\$39.1	\$217.2	\$7.1	\$230.0	\$44.4	\$26.6	\$31.6	\$39.6
State Location Quotient	0.51	0.97	0.10	0.83	0.35	1.84	0.28	1.16	1.13	0.51	0.55	2.20
Change in SLQ	-0.01	0.13	--	-0.09	-0.04	0.01	0.05	-0.12	0.02	-0.19	-0.04	0.55
National Location Quotient	0.52	0.83	0.12	0.78	0.34	1.97	0.33	1.45	1.01	0.58	0.51	2.77
Change in NLQ	-0.02	0.14	--	-0.13	-0.04	0.05	0.07	-0.15	0.00	-0.19	-0.04	0.71

Centre, Clinton, Columbia, Lycoming, Mifflin, Montour, Northumberland, Snyder, and Union Counties

- Data Source: EMSI, 2018.3 (Population, Jobs, Average Earnings, and Cluster Statistics Table)
- Unless noted, information is based on 2017 estimates with changes between 2012 and 2017
- Employer units based on 2017 estimates and do not include sole-proprietors
- Jobs estimates include QCEW (Quarterly Census of Employment and Wages) jobs, Non-QCEW jobs, and Sole-Proprietors
- Industry earnings include wages, salaries, proprietor earnings, and supplements.
- Location quotients compare the concentration of employment locally to the State or Nation. A value of 1.0 or greater indicates a higher concentration, and a value less than 1.0 indicates a smaller concentration.
- Industry clusters are defined by the PA Department of Labor and Industry. For more information: <http://www.workstats.dli.pa.gov/Products/PAIndustryClusters/Pages/default.aspx#.VwglQfkrLIU>
- Unemployment Rate Source: PA Department of Labor and Industry's Center for Workforce Information and Analysis; based on the average monthly seasonally adjusted estimates during the past year (August 2017 through July 2018). For more information: <http://www.cpwdc.org/workforce-trends/labor-market-reports/>.
- Self-Sufficiency Source: PathWaysPA; based on the 2012 value for a family comprised of one parent and one pre-school aged child. Self-sufficiency is defined as the level of income needed by a family to adequately meet its basic needs (housing, child care, food, transportation, health care, and taxes) without public or private assistance. For more information: <http://www.cpwdc.org/workforce-trends/labor-market-reports/#Self-Sufficiency>.