

# Central Pennsylvania Industry Cluster Profile

2019 Update

Population:  
621,100

Jobs:  
285,500

Average Earnings:  
\$56,400

Unemployment Rate:  
4.2%

Self-Sufficiency:  
\$42,300

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	60	1,500	1,500	630	290	2,200	1,700	470	1,200	290
Jobs	21,600	11,200	1,400	20,700	20,300	47,900	5,400	45,700	27,800	8,500	8,500	10,300
Net Change in Job Volume	120	-200	10	1,200	920	-2,000	-700	3,000	1,000	460	-400	420
Percent Change in Job Volume	0.6%	-2.2%	0.5%	6.0%	4.8%	-4.0%	-11.2%	7.0%	3.7%	5.7%	-4.4%	4.2%
Cluster Jobs as a Percent of Total County Jobs	7.6%	3.9%	0.5%	7.3%	7.1%	16.8%	1.9%	16.0%	9.7%	3.0%	3.0%	3.6%
Average Earnings Per Worker	\$61,800	\$54,200	\$81,300	\$55,400	\$64,000	\$67,600	\$93,400	\$67,900	\$19,600	\$60,700	\$66,600	\$55,800
Estimated Cluster Payroll (\$Millions)	\$1,333.0	\$606.0	\$114.4	\$1,146.9	\$1,299.2	\$3,235.5	\$508.3	\$3,099.4	\$544.5	\$515.2	\$567.3	\$572.5
State Location Quotient	1.08	1.26	0.37	1.06	0.58	1.58	1.00	0.97	0.98	0.71	0.57	2.20
Change in SLQ	0.05	-0.05	-0.04	0.01	0.02	-0.04	-0.06	0.01	0.01	-0.07	-0.03	0.32
National Location Quotient	1.10	1.08	0.47	0.99	0.56	1.70	1.17	1.22	0.87	0.78	0.53	2.75
Change in NLQ	0.02	-0.02	-0.01	-0.02	0.02	-0.03	-0.04	0.03	0.00	-0.07	-0.03	0.39

# Centre County Industry Cluster Profile

2019 Update

Population:  
163,900

Jobs:  
81,600

Average Earnings:  
\$62,200

Unemployment Rate:  
3.0%

Self-Sufficiency:  
\$47,800

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	220	90	30	350	540	140	50	510	460	90	370	60
Jobs	4,300	1,300	570	4,800	6,500	25,600	700	9,300	8,200	1,400	2,700	790
Net Change in Job Volume	30	150	-10	360	450	-1,200	40	670	430	130	70	-80
Percent Change in Job Volume	0.6%	13.2%	-1.4%	8.0%	7.4%	-4.4%	6.2%	7.7%	5.5%	10.2%	2.8%	-9.0%
Cluster Jobs as a Percent of Total County Jobs	5.3%	1.6%	0.7%	5.9%	8.0%	31.4%	0.9%	11.4%	10.1%	1.7%	3.3%	1.0%
Average Earnings Per Worker	\$65,000	\$50,000	\$74,400	\$61,000	\$73,800	\$76,900	\$81,200	\$66,600	\$21,300	\$61,200	\$82,600	\$39,100
Estimated Cluster Payroll (\$Millions)	\$281.2	\$63.5	\$42.3	\$295.7	\$481.9	\$1,969.7	\$56.8	\$621.5	\$175.1	\$85.4	\$218.9	\$30.9
State Location Quotient	0.76	0.50	0.53	0.87	0.66	2.96	0.45	0.69	1.01	0.41	0.63	0.59
Change in SLQ	0.03	0.05	-0.08	0.02	0.04	-0.11	0.05	0.01	0.02	-0.02	0.01	0.01
National Location Quotient	0.77	0.43	0.66	0.81	0.63	3.18	0.53	0.88	0.90	0.45	0.58	0.74
Change in NLQ	0.01	0.05	-0.04	-0.01	0.03	-0.10	0.07	0.02	0.01	-0.02	0.00	0.01

# Clinton County Industry Cluster Profile

2019 Update

Population:  
38,600

Jobs:  
14,900

Average Earnings:  
\$53,700

Unemployment Rate:  
5.1%

Self-Sufficiency:  
\$38,700

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	60	20	4	120	60	30	40	130	110	30	60	20
Jobs	1,400	530	60	1,200	710	1,800	920	1,100	1,400	230	360	1,800
Net Change in Job Volume	-60	-50	50	130	60	0	270	10	100	-90	0	130
Percent Change in Job Volume	-4.0%	-8.9%	313.3%	11.6%	9.2%	-0.2%	41.7%	0.9%	7.9%	-27.8%	-0.6%	7.6%
Cluster Jobs as a Percent of Total County Jobs	9.4%	3.6%	0.4%	8.1%	4.8%	11.8%	6.1%	7.3%	9.5%	1.6%	2.4%	12.3%
Average Earnings Per Worker	\$64,800	\$51,000	\$71,300	\$50,400	\$44,100	\$62,200	\$106,700	\$47,800	\$17,700	\$58,300	\$46,800	\$69,400
Estimated Cluster Payroll (\$Millions)	\$90.8	\$27.1	\$4.4	\$60.8	\$31.4	\$110.2	\$97.8	\$52.3	\$25.0	\$13.6	\$16.8	\$127.3
State Location Quotient	1.34	1.14	0.31	1.18	0.39	1.12	3.21	0.44	0.95	0.38	0.46	7.52
Change in SLQ	-0.02	-0.15	0.23	0.06	0.03	0.00	1.06	-0.03	0.04	-0.23	-0.01	1.20
National Location Quotient	1.37	0.98	0.39	1.10	0.38	1.20	3.77	0.56	0.84	0.41	0.43	9.40
Change in NLQ	-0.06	-0.11	0.29	0.02	0.02	0.01	1.30	-0.02	0.02	-0.25	-0.02	1.47

# Columbia County Industry Cluster Profile

2019 Update

Population:  
65,200

Jobs:  
27,500

Average Earnings:  
\$50,300

Unemployment Rate:  
4.5%

Self-Sufficiency:  
\$41,700

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	120	60	3	180	150	80	30	230	200	40	110	10
Jobs	2,500	1,600	20	2,400	2,700	3,500	520	3,100	3,100	1,300	720	310
Net Change in Job Volume	390	-400	-60	120	350	-200	220	170	-10	310	-200	-70
Percent Change in Job Volume	17.9%	-21.1%	-77.5%	5.1%	14.8%	-4.1%	71.4%	5.8%	-0.4%	30.6%	-18.9%	-18.9%
Cluster Jobs as a Percent of Total County Jobs	9.2%	6.0%	0.1%	8.9%	10.0%	12.7%	1.9%	11.4%	11.3%	4.8%	2.6%	1.1%
Average Earnings Per Worker	\$62,800	\$59,600	\$87,500	\$55,700	\$60,300	\$65,800	\$69,100	\$53,700	\$17,300	\$55,100	\$56,100	\$35,300
Estimated Cluster Payroll (\$Millions)	\$158.9	\$97.7	\$1.6	\$135.8	\$165.1	\$229.5	\$36.0	\$168.3	\$53.8	\$72.8	\$40.2	\$10.8
State Location Quotient	1.32	1.92	0.05	1.30	0.82	1.20	0.99	0.69	1.14	1.15	0.50	0.68
Change in SLQ	0.25	-0.53	-0.19	0.02	0.11	-0.02	0.45	0.01	-0.02	0.14	-0.11	-0.06
National Location Quotient	1.35	1.65	0.06	1.21	0.79	1.29	1.16	0.87	1.01	1.27	0.47	0.85
Change in NLQ	0.22	-0.43	-0.22	-0.02	0.10	-0.01	0.55	0.02	-0.03	0.16	-0.11	-0.08

# Lycoming County Industry Cluster Profile

2019 Update

Population:  
113,000

Jobs:  
56,400

Average Earnings:  
\$54,500

Unemployment Rate:  
4.4%

Self-Sufficiency:  
\$37,800

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	70	10	300	350	150	90	530	350	100	270	50
Jobs	6,100	1,700	100	4,200	4,800	5,900	1,800	8,900	5,300	1,700	2,000	2,100
Net Change in Job Volume	-300	-100	10	-200	-10	-400	-900	790	-100	-60	-100	-10
Percent Change in Job Volume	-4.8%	-7.7%	5.1%	-4.6%	-0.1%	-5.7%	-33.9%	9.7%	-2.1%	-3.4%	-5.0%	-0.5%
Cluster Jobs as a Percent of Total County Jobs	10.9%	3.0%	0.2%	7.4%	8.5%	10.5%	3.2%	15.8%	9.3%	3.0%	3.6%	3.8%
Average Earnings Per Worker	\$66,400	\$62,200	\$69,300	\$57,400	\$53,200	\$57,100	\$104,600	\$62,700	\$19,900	\$62,500	\$60,600	\$53,200
Estimated Cluster Payroll (\$Millions)	\$407.8	\$104.5	\$7.2	\$240.1	\$255.9	\$339.1	\$190.7	\$560.0	\$104.8	\$104.8	\$123.0	\$114.3
State Location Quotient	1.55	0.96	0.14	1.09	0.70	0.99	1.69	0.96	0.94	0.71	0.69	2.33
Change in SLQ	0.05	-0.05	0.00	-0.06	0.02	0.00	-0.61	0.07	0.00	-0.10	-0.01	0.33
National Location Quotient	1.59	0.82	0.17	1.01	0.67	1.07	1.98	1.21	0.83	0.78	0.64	2.91
Change in NLQ	0.00	-0.03	0.01	-0.09	0.02	0.01	-0.65	0.11	-0.01	-0.11	-0.02	0.40

# Mifflin County Industry Cluster Profile

2019 Update

Population:  
46,200

Jobs:  
18,000

Average Earnings:  
\$49,000

Unemployment Rate:  
4.4%

Self-Sufficiency:  
\$38,300

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	3	130	70	50	20	190	110	40	60	40
Jobs	2,200	610	500	1,800	520	1,300	230	3,600	1,500	590	510	1,400
Net Change in Job Volume	-600	100	220	230	0	-90	10	320	60	10	20	380
Percent Change in Job Volume	-20.5%	20.3%	77.6%	15.0%	-0.8%	-6.4%	3.5%	9.6%	4.1%	2.1%	4.3%	37.5%
Cluster Jobs as a Percent of Total County Jobs	12.3%	3.4%	2.8%	9.8%	2.9%	7.5%	1.3%	20.2%	8.2%	3.3%	2.8%	7.8%
Average Earnings Per Worker	\$64,100	\$39,500	\$79,400	\$50,800	\$49,200	\$55,200	\$61,700	\$52,400	\$15,900	\$68,000	\$58,700	\$55,600
Estimated Cluster Payroll (\$Millions)	\$141.2	\$24.1	\$39.6	\$89.0	\$25.6	\$73.9	\$14.4	\$190.0	\$23.4	\$40.2	\$29.7	\$77.8
State Location Quotient	1.75	1.09	2.09	1.43	0.24	0.70	0.68	1.23	0.82	0.79	0.54	4.77
Change in SLQ	-0.43	0.15	0.74	0.09	-0.01	-0.05	0.05	0.01	-0.01	-0.13	0.01	1.59
National Location Quotient	1.79	0.94	2.63	1.33	0.23	0.76	0.80	1.55	0.73	0.87	0.50	5.97
Change in NLQ	-0.50	0.14	1.06	0.05	-0.01	-0.05	0.07	0.04	-0.02	-0.14	0.00	1.98

# Montour County Industry Cluster Profile

2019 Update

Population:  
18,200

Jobs:  
16,400

Average Earnings:  
\$84,100

Unemployment Rate:  
3.4%

Self-Sufficiency:  
\$48,000

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	20	20	0	40	50	30	10	80	50	20	40	3
Jobs	660	390	<10	290	1,600	620	190	9,600	830	150	320	60
Net Change in Job Volume	170	90	--	-10	-300	10	-300	590	30	-40	-90	-10
Percent Change in Job Volume	33.5%	30.9%	--	-2.7%	-15.6%	2.3%	-59.8%	6.5%	4.2%	-18.9%	-21.3%	-8.2%
Cluster Jobs as a Percent of Total County Jobs	4.0%	2.4%	--	1.7%	10.0%	3.8%	1.2%	58.8%	5.0%	0.9%	1.9%	0.3%
Average Earnings Per Worker	\$50,000	\$48,600	--	\$46,600	\$89,600	\$57,600	\$130,400	\$101,300	\$20,400	\$46,500	\$73,600	\$60,900
Estimated Cluster Payroll (\$Millions)	\$32.9	\$19.1	--	\$13.3	\$147.1	\$35.4	\$25.3	\$977.1	\$16.9	\$7.0	\$23.4	\$3.4
State Location Quotient	0.57	0.77	--	0.25	0.82	0.35	0.62	3.57	0.51	0.22	0.37	0.21
Change in SLQ	0.16	0.17	--	-0.02	-0.16	0.01	-0.83	0.03	0.01	-0.09	-0.10	0.01
National Location Quotient	0.59	0.66	--	0.24	0.79	0.38	0.73	4.50	0.45	0.24	0.35	0.26
Change in NLQ	0.15	0.16	--	-0.03	-0.16	0.02	-0.93	0.11	0.00	-0.10	-0.10	0.01

# Northumberland County Industry Cluster Profile

2019 Update

Population:  
90,600

Jobs:  
31,000

Average Earnings:  
\$50,600

Unemployment Rate:  
5.3%

Self-Sufficiency:  
\$39,400

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	140	90	3	190	140	90	50	310	200	100	120	30
Jobs	2,600	3,100	140	2,200	1,800	2,800	810	4,400	2,800	2,300	840	850
Net Change in Job Volume	330	-200	-200	130	280	-100	-100	-200	140	130	-100	50
Percent Change in Job Volume	14.4%	-5.5%	-52.8%	6.4%	18.7%	-4.9%	-11.0%	-3.9%	5.2%	5.8%	-13.1%	6.4%
Cluster Jobs as a Percent of Total County Jobs	8.5%	9.9%	0.5%	7.0%	5.8%	9.1%	2.6%	14.3%	8.9%	7.5%	2.7%	2.7%
Average Earnings Per Worker	\$53,600	\$57,100	\$125,200	\$51,400	\$64,200	\$54,300	\$81,000	\$49,900	\$19,800	\$60,100	\$62,700	\$54,400
Estimated Cluster Payroll (\$Millions)	\$141.3	\$176.1	\$17.8	\$111.3	\$114.9	\$152.9	\$65.7	\$221.9	\$55.0	\$139.1	\$52.6	\$46.1
State Location Quotient	1.21	3.19	0.34	1.02	0.47	0.86	1.37	0.87	0.90	1.79	0.52	1.67
Change in SLQ	0.20	-0.20	-0.46	0.03	0.08	-0.02	-0.06	-0.08	0.04	-0.14	-0.07	0.28
National Location Quotient	1.24	2.74	0.43	0.95	0.46	0.92	1.60	1.10	0.80	1.97	0.48	2.09
Change in NLQ	0.18	-0.13	-0.50	-0.01	0.07	-0.01	-0.03	-0.08	0.02	-0.15	-0.08	0.35



# Snyder County Industry Cluster Profile

2019 Update

Population:  
40,700

Jobs:  
18,900

Average Earnings:  
\$43,700

Unemployment Rate:  
5.1%

Self-Sufficiency:  
\$40,100

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	90	50	2	120	70	40	10	110	120	30	70	40
Jobs	940	1,300	<10	2,600	670	2,400	140	1,600	2,200	330	490	2,000
Net Change in Job Volume	50	110	--	350	100	-20	80	420	100	10	10	-100
Percent Change in Job Volume	5.7%	8.6%	--	15.7%	16.7%	-0.9%	128.8%	36.0%	4.9%	2.5%	2.1%	-5.3%
Cluster Jobs as a Percent of Total County Jobs	5.0%	7.0%	--	13.5%	3.5%	12.6%	0.7%	8.4%	11.8%	1.7%	2.6%	10.5%
Average Earnings Per Worker	\$43,200	\$47,400	--	\$52,200	\$47,900	\$46,800	\$103,600	\$41,300	\$19,100	\$57,100	\$56,600	\$55,400
Estimated Cluster Payroll (\$Millions)	\$40.6	\$62.8	--	\$133.3	\$32.1	\$111.3	\$14.0	\$65.7	\$42.5	\$18.7	\$27.5	\$110.2
State Location Quotient	0.71	2.25	--	1.98	0.29	1.19	0.37	0.51	1.19	0.41	0.49	6.44
Change in SLQ	0.04	0.08	--	0.13	0.03	-0.03	0.22	0.10	-0.01	-0.07	-0.01	0.17
National Location Quotient	0.72	1.93	--	1.84	0.28	1.27	0.44	0.64	1.05	0.46	0.46	8.05
Change in NLQ	0.02	0.09	--	0.06	0.03	-0.02	0.26	0.13	-0.02	-0.07	-0.01	0.18

# Union County Industry Cluster Profile

2019 Update

Population:  
44,800

Jobs:  
20,800

Average Earnings:  
\$52,800

Unemployment Rate:  
3.8%

Self-Sufficiency:  
\$41,600

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	70	50	3	110	100	40	10	160	130	30	80	20
Jobs	750	640	<10	1,300	890	3,900	110	3,800	2,400	480	610	890
Net Change in Job Volume	100	120	--	70	-10	-70	20	180	260	50	0	130
Percent Change in Job Volume	14.8%	22.3%	--	5.8%	-0.9%	-1.8%	28.6%	4.9%	11.8%	12.3%	-0.3%	17.1%
Cluster Jobs as a Percent of Total County Jobs	3.6%	3.1%	--	6.2%	4.3%	18.9%	0.5%	18.5%	11.8%	2.3%	2.9%	4.3%
Average Earnings Per Worker	\$51,400	\$48,100	--	\$52,600	\$50,900	\$54,300	\$69,100	\$63,100	\$19,600	\$70,400	\$57,100	\$58,000
Estimated Cluster Payroll (\$Millions)	\$38.3	\$30.9	--	\$67.7	\$45.1	\$213.4	\$7.5	\$242.7	\$48.1	\$33.5	\$35.0	\$51.6
State Location Quotient	0.51	0.99	--	0.91	0.35	1.78	0.27	1.12	1.18	0.55	0.57	2.62
Change in SLQ	0.06	0.13	--	-0.03	-0.02	-0.08	0.06	-0.06	0.05	-0.04	-0.03	0.53
National Location Quotient	0.52	0.85	--	0.84	0.34	1.91	0.32	1.41	1.05	0.60	0.53	3.27
Change in NLQ	0.05	0.12	--	-0.06	-0.02	-0.07	0.08	-0.05	0.03	-0.04	-0.04	0.66

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

- Data Source: EMSI, 2020.1 (Population, Jobs, Average Earnings, and Cluster Statistics Table)
- Unless noted, information is based on 2019 estimates with changes between 2014 and 2019.
- Establishments (employer units) 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: <https://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 (January 2019 through December 2019). For more information: <https://www.cpwdc.org/workforce-trends/labor-market-reports/>.
- Self-Sufficiency Source: PathWaysPA; based on the 2018 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: <https://www.cpwdc.org/workforce-trends/labor-market-reports/#Self-Sufficiency>.