

Bloomsburg, PA

Advanced industries employ

2,430

full-time workers. (2013)

These direct jobs supports an additional

1,940

indirect jobs in other industries in
the region.

Advanced industries produce

\$0.4

billion dollars in output in the region.
(2013, 2005 Chained)

Advanced industries pay, on average

\$43,960

dollars per year (2013).

Advanced industries directly
account for

5.3%

of all jobs in the region.

This employment share is

#169

among all small metros.

This accounts for

10.4%

of all output in the region (2013).

This compares to average pay of

\$41,840

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.6%

2.7%

OUTPUT

4.6%

3.8%

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U.S.

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U.S.

What are Advanced Industries?

The Metropolitan Policy Program at Brookings defines advanced industries as those that: 1) Spend at least \$450 per worker per year on R&D and 2) employ at least 20 percent of their workforce in STEM-intensive occupations. The definition identifies 50 4-digit NAICS industries across the manufacturing, energy, and services sectors that together constitute the advanced industries super-sector.

Why do Advanced Industries Matter?

Advanced industries encompass the nation's "tech" sector at its broadest and most consequential. They represent a sizable economic anchor for the U.S. economy and have led the post-recession employment recovery. Their competitiveness and growth are prerequisites for any future broadly shared prosperity. As such, the sector encompasses the country's best shot at supporting innovative, inclusive, and sustainable growth. Advanced industries are present in nearly every U.S. region, but the sector's geography is uneven.

For More Information

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DATA NOTES

All figures reflect Brookings analysis of data from Moody's Analytics.

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Twenty-Five Largest Advanced Industries (2013)

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2013)	Industry Location Quotient (LQ) † 2013	Industry Share of Total Advanced Industries Employment (2013)	Industry Employment Annual Growth 2010-2013	Industry Share of Total Advanced Industries Output (2013)	Industry Output Annual Growth 2010-2013
5416	Management Consulting	560	1.48	23.2%	-3.4%	20.4%	-3.6%
5415	Computer Systems Design	260	0.46	10.5%	5.0%	11.3%	6.2%
5417	R&D Services	250	1.23	10.3%	3.6%	11.5%	5.5%
5413	Architecture & Engineering	180	0.41	7.2%	6.2%	5.8%	6.2%
6215	Medical and Diagnostic Laboratories	150	1.82	6.0%	5.4%	2.9%	8.2%
3364	Aircraft Products & Parts	130	0.80	5.3%	3.6%	6.0%	6.4%
2211	Power Generation & Supply	100	0.82	4.3%	17.6%	14.2%	15.2%
3315	Foundries	90	2.20	3.7%	0.0%	2.6%	10.4%
3399	Misc. Manufacturing	70	0.77	2.8%	1.0%	1.8%	4.0%
3339	General Purpose Machinery	60	0.76	2.6%	7.3%	1.5%	11.8%
3369	Misc. Transportation Equipment	60	5.92	2.5%	0.6%	1.2%	1.7%
3362	Motor Vehicle Body & Trailers	60	1.26	2.3%	3.9%	0.7%	30.4%
3391	Medical Equipment & Supplies	40	0.45	1.8%	4.1%	1.6%	2.0%
3254	Pharmaceuticals	30	0.38	1.4%	4.3%	3.4%	0.7%
3363	Motor Vehicle Parts	30	0.21	1.4%	6.7%	0.8%	27.6%
3241	Petroleum & Coal Products	30	0.80	1.2%	5.1%	0.8%	-14.0%
3345	Precision Instruments	30	0.23	1.2%	5.1%	0.8%	8.2%
3365	Railroad Rolling Stock Manufacturing	30	3.71	1.2%	3.7%	0.7%	12.4%
5191	Web Search Portals and Internet Publishing	30	0.43	1.1%	12.4%	0.6%	17.7%
3336	Engine & Power Equipment	30	0.79	1.1%	9.1%	0.8%	9.6%
3331	Agri., Constr., Mining Machinery	30	0.31	1.0%	11.6%	0.8%	8.3%
3359	Misc. Electrical Equipment	30	0.62	1.0%	6.0%	0.7%	3.6%
2111	Oil & Gas Extraction	20	0.36	0.9%	-8.5%	2.7%	10.6%
3332	Industrial Machinery	20	0.67	0.9%	10.6%	0.7%	14.0%
3344	Semiconductors	20	0.17	0.9%	7.3%	0.6%	7.4%
Advanced industries manufacturing		870	0.49	35.7%	4.0%	28.6%	5.9%
Advanced industries energy		130	0.62	5.2%	10.5%	16.9%	14.4%
Advanced industries services		1,440	0.72	59.1%	1.3%	54.5%	1.6%
ADVANCED INDUSTRIES TOTAL		2,430	0.61	100.0%	2.6%	100.0%	4.6%

† Location quotients are a measure of specialization for an industry using employment. A LQ of over 1 indicates that an industry employs more workers, as a share of total employment, than the nation as a whole.