

York, PA

Advanced industries employ

16,240

full-time workers. (2013)

These direct jobs supports an additional

12,990

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.8

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

Advanced industries pay, on average

\$65,740

dollars per year (2013).

Advanced industries directly
account for

8.9%

of all jobs in the region.

This employment share is

#65

among all small metros.

This accounts for

15.4%

of all output in the region (2013).

This compares to average pay of

\$43,040

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-0.3%

York, PA

U.S.

1.1%

York, PA

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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www.brookings.edu/advancedindustries

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DATA NOTES

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

York, PA

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
5413	Architecture & Engineering	1,550	0.90	9.5%	-1.8%	7.9%	-2.2%
3362	Motor Vehicle Body & Trailers	1,270	7.33	7.8%	-10.3%	3.6%	5.9%
3363	Motor Vehicle Parts	1,210	1.86	7.5%	2.6%	6.5%	16.2%
5416	Management Consulting	1,100	0.72	6.8%	35.7%	6.1%	33.6%
2211	Power Generation & Supply	1,070	2.11	6.6%	0.4%	20.1%	-0.6%
3391	Medical Equipment & Supplies	900	2.31	5.6%	-2.1%	4.9%	-2.2%
3336	Engine & Power Equipment	870	6.72	5.4%	2.9%	4.4%	4.4%
5415	Computer Systems Design	730	0.33	4.5%	7.3%	4.9%	7.5%
3344	Semiconductors	690	1.45	4.3%	-1.0%	3.4%	0.5%
3339	General Purpose Machinery	690	2.10	4.2%	-0.3%	2.6%	4.5%
3399	Misc. Manufacturing	630	1.80	3.9%	-1.6%	2.5%	2.5%
3369	Misc. Transportation Equipment	620	15.25	3.8%	-13.7%	2.9%	-17.5%
3331	Agri., Constr., Mining Machinery	510	1.58	3.1%	0.2%	2.4%	-1.7%
3353	Electrical Equipment	400	2.16	2.4%	3.9%	1.4%	2.0%
3332	Industrial Machinery	350	2.55	2.1%	-5.9%	1.6%	-1.0%
3253	Pesticides & Fertilizers	330	6.88	2.0%	8.0%	2.6%	-0.3%
3333	Commercial & Service Machinery	330	2.95	2.0%	-2.1%	1.2%	-3.3%
6215	Medical and Diagnostic Laboratories	320	1.02	2.0%	1.4%	0.8%	2.2%
3315	Foundries	290	1.81	1.8%	4.7%	1.1%	17.1%
3364	Aircraft Products & Parts	280	0.45	1.7%	-11.0%	3.3%	-13.6%
3313	Aluminum Products	270	3.63	1.7%	8.0%	1.8%	18.2%
3271	Clay Product and Refractory Manufacturing	250	5.05	1.6%	13.8%	0.9%	12.5%
5182	Data Processing & Hosting	210	0.62	1.3%	-9.5%	1.1%	-9.5%
5191	Web Search Portals and Internet Publishing	180	0.73	1.1%	5.2%	0.6%	11.2%
3254	Pharmaceuticals	180	0.51	1.1%	6.2%	3.8%	4.0%
Advanced industries manufacturing		10,960	1.57	67.5%	-2.4%	56.7%	0.4%
Advanced industries energy		1,070	1.31	6.6%	0.4%	20.1%	-0.6%
Advanced industries services		4,210	0.53	25.9%	5.7%	23.1%	4.8%
ADVANCED INDUSTRIES TOTAL		16,240	1.03	100.0%	-0.3%	100.0%	1.1%

† 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.