

Fort Wayne, IN

Advanced industries employ

21,200

full-time workers. (2013)

These direct jobs supports an additional

16,960

indirect jobs in other industries in the region.

Advanced industries produce

\$3.6

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

Advanced industries pay, on average

\$66,660

dollars per year (2013).

Advanced industries directly account for

9.9%

of all jobs in the region.

This employment share is

#47

among all small metros.

This accounts for

18.4%

of all output in the region (2013).

This compares to average pay of

\$41,130

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

0.7%

OUTPUT

3.8%

1.4%

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U.S.

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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.

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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
3363	Motor Vehicle Parts	3,090	4.02	14.6%	8.1%	15.9%	9.3%
3361	Motor Vehicles	2,420	8.60	11.4%	8.2%	14.1%	5.6%
3342	Communications Equipment	2,050	13.67	9.7%	-12.2%	7.5%	-11.7%
3345	Precision Instruments	1,550	2.62	7.3%	6.5%	4.3%	-0.8%
3399	Misc. Manufacturing	1,520	3.67	7.2%	5.8%	9.2%	4.8%
5413	Architecture & Engineering	1,270	0.63	6.0%	-2.8%	4.2%	-0.6%
5415	Computer Systems Design	960	0.38	4.5%	2.3%	4.2%	5.5%
3353	Electrical Equipment	890	4.11	4.2%	5.3%	2.8%	3.3%
3339	General Purpose Machinery	820	2.13	3.9%	14.9%	3.7%	13.6%
3313	Aluminum Products	750	8.42	3.5%	8.5%	2.1%	3.9%
5416	Management Consulting	690	0.39	3.2%	-14.8%	2.6%	-12.6%
3391	Medical Equipment & Supplies	670	1.46	3.2%	8.1%	5.3%	7.5%
3311	Iron & Steel Products	570	4.18	2.7%	3.4%	2.8%	1.6%
3331	Agri., Constr., Mining Machinery	470	1.26	2.2%	5.4%	1.7%	1.0%
5172	Wireless Telecom Carriers	350	1.50	1.6%	13.3%	2.0%	9.2%
2211	Power Generation & Supply	300	0.51	1.4%	-4.4%	3.6%	-3.3%
3362	Motor Vehicle Body & Trailers	260	1.26	1.2%	-9.2%	0.6%	-13.4%
3364	Aircraft Products & Parts	210	0.29	1.0%	10.0%	1.3%	14.0%
3344	Semiconductors	210	0.37	1.0%	-6.1%	0.5%	-6.6%
3333	Commercial & Service Machinery	200	1.48	0.9%	-19.9%	0.7%	-23.4%
3366	Ships & Boats	190	0.96	0.9%	1.5%	0.5%	7.2%
5417	R&D Services	180	0.19	0.8%	-27.9%	0.7%	-20.7%
3315	Foundries	170	0.87	0.8%	3.5%	0.4%	-2.2%
5182	Data Processing & Hosting	150	0.38	0.7%	-0.9%	0.7%	4.1%
3359	Misc. Electrical Equipment	140	0.72	0.6%	0.2%	0.5%	0.5%
Advanced industries manufacturing		17,010	2.07	80.2%	2.4%	80.6%	2.4%
Advanced industries energy		310	0.32	1.4%	-4.6%	3.6%	-3.3%
Advanced industries services		3,890	0.42	18.3%	-5.3%	15.8%	-2.1%
ADVANCED INDUSTRIES TOTAL		21,200	1.15	100.0%	0.7%	100.0%	1.4%

† 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.