

South Bend, IN-MI

Advanced industries employ

9,770

full-time workers. (2013)

These direct jobs supports an additional

7,820

indirect jobs in other industries in the region.

Advanced industries produce

\$2.2

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

Advanced industries pay, on average

\$76,070

dollars per year (2013).

Advanced industries directly

account for

7.2%

of all jobs in the region.

This employment share is

#101

among all small metros.

This accounts for

17.9%

of all output in the region (2013).

This compares to average pay of

\$40,070

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-1.3%

1.2%

South Bend, IN-MI

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

VIEW THE FULL REPORT

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	1,120	2.29	11.5%	-11.9%	9.3%	-12.3%
3364	Aircraft Products & Parts	1,030	2.17	10.6%	-5.5%	10.0%	-3.7%
3391	Medical Equipment & Supplies	710	2.41	7.2%	9.2%	8.2%	8.1%
5413	Architecture & Engineering	650	0.50	6.6%	-2.1%	4.0%	-0.2%
5416	Management Consulting	570	0.50	5.9%	0.6%	4.0%	2.2%
6215	Medical and Diagnostic Laboratories	560	2.36	5.7%	2.2%	2.2%	6.5%
5415	Computer Systems Design	520	0.32	5.4%	1.2%	4.2%	4.0%
2211	Power Generation & Supply	400	1.05	4.1%	-2.1%	7.9%	-1.3%
3313	Aluminum Products	370	6.62	3.8%	6.0%	1.7%	3.0%
3359	Misc. Electrical Equipment	340	2.78	3.4%	12.1%	1.9%	10.0%
3361	Motor Vehicles	330	1.84	3.4%	-21.1%	3.2%	-24.1%
3311	Iron & Steel Products	290	3.32	3.0%	7.0%	2.3%	5.4%
5182	Data Processing & Hosting	270	1.05	2.8%	16.8%	2.0%	22.9%
3399	Misc. Manufacturing	240	0.91	2.4%	2.3%	2.1%	1.4%
3251	Basic Chemicals	220	1.61	2.3%	1.2%	10.2%	5.4%
3339	General Purpose Machinery	220	0.90	2.3%	7.7%	1.5%	6.1%
3336	Engine & Power Equipment	190	1.94	1.9%	3.6%	1.5%	3.0%
3344	Semiconductors	180	0.50	1.8%	12.3%	0.8%	10.8%
3362	Motor Vehicle Body & Trailers	180	1.36	1.8%	-20.1%	0.7%	-24.9%
3241	Petroleum & Coal Products	140	1.33	1.5%	1.7%	5.5%	6.6%
3253	Pesticides & Fertilizers	140	3.81	1.4%	48.3%	5.5%	46.5%
3353	Electrical Equipment	130	0.94	1.3%	5.5%	0.7%	1.6%
3279	Stone & Mineral Products	130	1.92	1.3%	2.2%	0.7%	10.3%
5172	Wireless Telecom Carriers	100	0.69	1.0%	-0.3%	1.0%	-4.0%
3259	Misc. Chemicals	100	1.24	1.0%	29.1%	1.9%	24.2%
Advanced industries manufacturing		6,590	1.26	67.4%	-2.5%	73.7%	0.8%
Advanced industries energy		400	0.65	4.1%	-2.1%	7.9%	-1.3%
Advanced industries services		2,790	0.47	28.6%	1.7%	18.4%	4.3%
ADVANCED INDUSTRIES TOTAL		9,770	0.83	100.0%	-1.3%	100.0%	1.2%

† 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.