

Bowling Green, KY

Advanced industries employ

4,640

full-time workers. (2013)

These direct jobs supports an additional

3,710

indirect jobs in other industries in the region.

Advanced industries produce

\$0.8

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

Advanced industries pay, on average

\$57,010

dollars per year (2013).

Advanced industries directly account for

6.1%

of all jobs in the region.

This employment share is

#139

among all small metros.

This accounts for

12.1%

of all output in the region (2013).

This compares to average pay of

\$33,860

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

6.4%

2.7%

OUTPUT

8.0%

3.8%

Bowling Green, KY

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	1,830	6.68	39.4%	8.5%	33.1%	9.1%
3361	Motor Vehicles	720	7.21	15.6%	14.5%	22.6%	19.1%
5416	Management Consulting	260	0.41	5.7%	23.1%	3.8%	25.8%
3399	Misc. Manufacturing	190	1.26	4.0%	5.0%	1.8%	6.2%
3339	General Purpose Machinery	180	1.32	3.9%	0.6%	2.8%	6.2%
2211	Power Generation & Supply	160	0.73	3.3%	3.7%	10.7%	2.4%
5415	Computer Systems Design	150	0.16	3.2%	6.0%	2.7%	11.8%
5413	Architecture & Engineering	140	0.20	3.1%	-17.0%	1.8%	-17.7%
3313	Aluminum Products	90	2.95	2.0%	6.0%	1.5%	11.4%
5174	Satellite Telecommunications	90	18.06	1.9%	-8.3%	0.1%	-2.0%
3315	Foundries	60	0.86	1.3%	5.1%	0.8%	9.6%
3362	Motor Vehicle Body & Trailers	60	0.76	1.2%	17.4%	1.0%	13.0%
6215	Medical and Diagnostic Laboratories	50	0.41	1.2%	2.6%	0.6%	2.0%
5182	Data Processing & Hosting	50	0.37	1.1%	-8.0%	0.6%	-11.0%
3241	Petroleum & Coal Products	50	0.76	1.0%	7.5%	3.1%	-4.4%
3366	Ships & Boats	50	0.67	1.0%	16.6%	0.2%	0.2%
5172	Wireless Telecom Carriers	50	0.56	1.0%	3.9%	2.4%	12.5%
3311	Iron & Steel Products	50	0.92	1.0%	6.7%	0.9%	9.7%
3364	Aircraft Products & Parts	50	0.17	1.0%	-4.7%	0.2%	-31.1%
3259	Misc. Chemicals	40	0.96	0.9%	7.1%	1.2%	-0.6%
3331	Agri., Constr., Mining Machinery	30	0.22	0.6%	2.3%	0.5%	6.1%
2111	Oil & Gas Extraction	30	0.25	0.6%	-9.1%	1.6%	-3.2%
3345	Precision Instruments	30	0.12	0.6%	5.7%	0.5%	3.3%
3271	Clay Product and Refractory Manufacturing	20	1.00	0.5%	11.9%	0.2%	10.7%
3279	Stone & Mineral Products	20	0.56	0.5%	9.5%	0.2%	7.9%
Advanced industries manufacturing		3,620	1.23	78.0%	8.5%	74.5%	10.1%
Advanced industries energy		180	0.53	3.9%	1.3%	12.3%	1.6%
Advanced industries services		840	0.25	18.1%	-0.4%	13.2%	3.9%
ADVANCED INDUSTRIES TOTAL		4,640	0.70	100.0%	6.4%	100.0%	8.0%

† 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.