

Columbus, IN

Advanced industries employ

14,850

full-time workers. (2013)

These direct jobs supports an additional

11,880

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.5

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

Advanced industries pay, on average

\$75,210

dollars per year (2013).

Advanced industries directly
account for

29.9%

of all jobs in the region.

This employment share is

#1

among all small metros.

This accounts for

48.7%

of all output in the region (2013).

This compares to average pay of

\$49,220

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

10.8%

2.7%

Columbus, IN

U.S.

OUTPUT

10.2%

3.8%

Columbus, IN

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

VIEW THE FULL REPORT

www.brookings.edu/advancedindustries

SEE THE INTERACTIVE

www.brookings.edu/advancedindustries

FOLLOW US ON TWITTER

@BrookingsMetro | @MarkMuro1 | #AdvIndustries

DATA NOTES

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

Columbus, IN

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
3336	Engine & Power Equipment	7,000	196.86	47.2%	11.0%	38.0%	9.7%
3363	Motor Vehicle Parts	3,380	18.92	22.8%	10.9%	25.7%	12.4%
3361	Motor Vehicles	900	13.72	6.0%	10.0%	7.8%	7.4%
3339	General Purpose Machinery	580	6.50	3.9%	10.8%	2.8%	7.7%
5413	Architecture & Engineering	540	1.14	3.6%	12.9%	2.4%	13.9%
3362	Motor Vehicle Body & Trailers	430	9.07	2.9%	11.3%	1.6%	6.0%
5415	Computer Systems Design	430	0.72	2.9%	16.6%	2.5%	18.7%
3331	Agri., Constr., Mining Machinery	230	2.68	1.6%	10.8%	0.9%	4.3%
5416	Management Consulting	180	0.43	1.2%	16.8%	0.9%	18.3%
3254	Pharmaceuticals	170	1.70	1.1%	9.7%	6.7%	9.5%
2211	Power Generation & Supply	130	0.90	0.8%	0.8%	2.1%	1.8%
3353	Electrical Equipment	90	1.69	0.6%	8.8%	0.4%	6.0%
3391	Medical Equipment & Supplies	80	0.75	0.5%	71.0%	0.8%	69.7%
3241	Petroleum & Coal Products	60	1.52	0.4%	10.1%	2.0%	15.3%
3333	Commercial & Service Machinery	50	1.63	0.3%	8.6%	0.2%	2.5%
3351	Electrical Lighting Equipment	50	3.01	0.3%	7.7%	0.3%	18.8%
5179	Other telecommunications	50	1.65	0.3%	2.9%	0.3%	-2.8%
3315	Foundries	50	1.09	0.3%	5.4%	0.2%	-0.8%
3252	Resins & Synthetic Rubbers	50	1.39	0.3%	9.8%	0.6%	10.6%
3359	Misc. Electrical Equipment	40	0.84	0.2%	6.1%	0.2%	8.2%
3259	Misc. Chemicals	30	1.17	0.2%	9.4%	0.5%	5.9%
3311	Iron & Steel Products	30	0.94	0.2%	4.9%	0.2%	3.1%
5417	R&D Services	30	0.14	0.2%	-22.3%	0.2%	-15.7%
5112	Software Products	30	0.25	0.2%	5.7%	0.3%	8.2%
3352	Household Appliances	30	1.23	0.2%	-12.3%	0.1%	-24.8%
Advanced industries manufacturing		13,430	7.02	90.5%	10.8%	91.1%	10.2%
Advanced industries energy		130	0.57	0.9%	1.1%	2.1%	1.8%
Advanced industries services		1,290	0.59	8.7%	11.8%	6.8%	12.9%
ADVANCED INDUSTRIES TOTAL		14,850	3.45	100.0%	10.8%	100.0%	10.2%

† 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.