

Cincinnati, OH-KY-IN

Advanced industries employ

85,750

full-time workers. (2013)

These direct jobs supports an additional

68,600

indirect jobs in other industries in
the region.

Advanced industries produce

\$15.3

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

Advanced industries pay, on average

\$76,480

dollars per year (2013).

Advanced industries directly

account for

8.3%

of all jobs in the region.

This employment share is

#52

among all large metros.

This accounts for

14.9%

of all output in the region (2013).

This compares to average pay of

\$49,630

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.5%

2.7%

OUTPUT

4.5%

3.8%

Cincinnati, OH-KY-IN

U.S.

Cincinnati, OH-KY-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.

Cincinnati, OH-KY-IN

Twenty-Five Largest Advanced Industries (2013)

There are 10 advanced industries in Cincinnati, OH-KY-IN with LQs over 1.5. LQs over 1.5 indicate specialization †

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	10,140	1.03	11.8%	5.4%	7.6%	4.1%
5415	Computer Systems Design	9,880	0.79	11.5%	5.3%	10.0%	7.0%
3364	Aircraft Products & Parts	9,140	2.52	10.7%	-0.1%	12.5%	7.6%
3363	Motor Vehicle Parts	8,070	2.17	9.4%	7.8%	5.7%	17.7%
5416	Management Consulting	6,610	0.76	7.7%	5.8%	5.3%	2.7%
3332	Industrial Machinery	3,030	3.89	3.5%	5.5%	2.3%	10.0%
5417	R&D Services	2,860	0.62	3.3%	0.7%	2.9%	4.1%
3339	General Purpose Machinery	2,520	1.35	2.9%	-2.5%	1.9%	2.4%
2211	Power Generation & Supply	2,460	0.85	2.9%	-5.4%	10.8%	3.8%
3311	Iron & Steel Products	2,400	3.60	2.8%	-6.5%	2.0%	0.1%
3399	Misc. Manufacturing	2,250	1.12	2.6%	-1.2%	1.1%	-1.9%
3251	Basic Chemicals	2,160	2.06	2.5%	-2.7%	5.0%	-1.1%
3254	Pharmaceuticals	2,090	1.03	2.4%	1.2%	6.2%	4.1%
5112	Software Products	2,020	0.93	2.4%	1.7%	4.2%	4.2%
6215	Medical and Diagnostic Laboratories	1,850	1.03	2.2%	2.8%	1.0%	4.8%
5179	Other telecommunications	1,460	2.36	1.7%	3.4%	1.8%	2.6%
3345	Precision Instruments	1,340	0.47	1.6%	-6.2%	0.9%	-6.9%
3391	Medical Equipment & Supplies	1,260	0.56	1.5%	2.2%	1.0%	0.3%
3259	Misc. Chemicals	1,190	1.96	1.4%	0.3%	1.7%	-2.5%
3344	Semiconductors	1,020	0.37	1.2%	1.6%	0.6%	-0.4%
3353	Electrical Equipment	990	0.94	1.2%	10.8%	1.1%	9.0%
3241	Petroleum & Coal Products	920	1.12	1.1%	8.8%	5.6%	3.0%
3359	Misc. Electrical Equipment	880	0.96	1.0%	-0.8%	0.9%	-3.8%
5182	Data Processing & Hosting	830	0.43	1.0%	4.8%	0.6%	7.8%
3342	Communications Equipment	780	1.07	0.9%	-2.1%	0.5%	-5.9%
Advanced industries manufacturing		46,840	1.17	54.6%	1.5%	55.0%	4.5%
Advanced industries energy		2,500	0.54	2.9%	-5.6%	10.8%	3.6%
Advanced industries services		36,410	0.80	42.5%	4.6%	34.2%	4.7%
ADVANCED INDUSTRIES TOTAL		85,750	0.95	100.0%	2.5%	100.0%	4.5%

† 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.