

Akron, OH

Advanced industries employ

24,020

full-time workers. (2013)

These direct jobs supports an additional

19,220

indirect jobs in other industries in
the region.

Advanced industries produce

\$4.0

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

Advanced industries pay, on average

\$65,680

dollars per year (2013).

Advanced industries directly
account for

7.3%

of all jobs in the region.

This employment share is

#68

among all large metros.

This accounts for

13.1%

of all output in the region (2013).

This compares to average pay of

\$45,360

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

1.9%

2.7%

Akron, OH

U.S.

OUTPUT

3.6%

3.8%

Akron, OH

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

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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.

Akron, OH

Twenty-Five Largest Advanced Industries (2013)

There are 10 advanced industries in Akron, OH 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	2,550	0.82	10.6%	1.8%	7.3%	0.3%
5415	Computer Systems Design	2,370	0.60	9.9%	5.1%	9.3%	6.5%
5416	Management Consulting	1,480	0.54	6.1%	0.5%	4.6%	-2.8%
3345	Precision Instruments	1,240	1.36	5.2%	1.4%	3.1%	1.9%
3399	Misc. Manufacturing	1,230	1.94	5.1%	2.6%	2.3%	2.2%
3339	General Purpose Machinery	1,220	2.07	5.1%	9.2%	3.4%	13.1%
3332	Industrial Machinery	1,110	4.49	4.6%	8.6%	3.5%	13.4%
3315	Foundries	1,070	3.69	4.5%	5.9%	2.7%	11.2%
3363	Motor Vehicle Parts	1,050	0.89	4.4%	-6.1%	2.0%	-2.1%
5417	R&D Services	920	0.63	3.8%	-0.7%	3.5%	2.2%
3252	Resins & Synthetic Rubbers	810	3.76	3.4%	1.4%	6.8%	3.6%
2211	Power Generation & Supply	800	0.88	3.3%	-5.0%	14.5%	6.7%
3364	Aircraft Products & Parts	790	0.69	3.3%	5.4%	6.4%	9.1%
3391	Medical Equipment & Supplies	740	1.05	3.1%	0.3%	2.1%	-2.1%
3331	Agri., Constr., Mining Machinery	710	1.23	3.0%	5.9%	1.7%	9.5%
5182	Data Processing & Hosting	650	1.04	2.7%	15.1%	2.2%	20.9%
3259	Misc. Chemicals	590	3.06	2.5%	0.2%	3.5%	-0.7%
3353	Electrical Equipment	560	1.70	2.3%	-2.3%	2.2%	-3.8%
3344	Semiconductors	530	0.61	2.2%	15.5%	1.0%	10.9%
3251	Basic Chemicals	480	1.45	2.0%	0.0%	5.0%	3.1%
6215	Medical and Diagnostic Laboratories	280	0.49	1.2%	-4.4%	0.6%	-3.1%
3359	Misc. Electrical Equipment	270	0.92	1.1%	6.1%	1.1%	1.9%
3351	Electrical Lighting Equipment	220	2.04	0.9%	-5.0%	0.5%	-8.2%
3365	Railroad Rolling Stock Manufacturing	220	4.00	0.9%	-6.2%	0.4%	2.8%
3311	Iron & Steel Products	170	0.81	0.7%	5.9%	0.7%	14.1%
Advanced industries manufacturing		14,320	1.13	59.6%	2.3%	54.5%	3.9%
Advanced industries energy		910	0.62	3.8%	-3.8%	15.1%	6.6%
Advanced industries services		8,780	0.61	36.5%	1.9%	30.4%	1.8%
ADVANCED INDUSTRIES TOTAL		24,020	0.84	100.0%	1.9%	100.0%	3.6%

† 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.