

Canton, OH

Advanced industries employ

11,230

full-time workers. (2013)

These direct jobs supports an additional

8,980

indirect jobs in other industries in
the region.

Advanced industries produce

\$3.3

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

Advanced industries pay, on average

\$50,600

dollars per year (2013).

Advanced industries directly
account for

6.4%

of all jobs in the region.

This employment share is

#127

among all small metros.

This accounts for

18.8%

of all output in the region (2013).

This compares to average pay of

\$39,090

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

9.8%

2.7%

Canton, OH

U.S.

OUTPUT

24.1%

3.8%

Canton, 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.

Canton, OH

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
3241	Petroleum & Coal Products	1,780	12.89	15.8%	57.5%	53.0%	50.0%
3362	Motor Vehicle Body & Trailers	880	5.27	7.8%	21.1%	3.6%	37.9%
5413	Architecture & Engineering	820	0.49	7.3%	4.4%	3.0%	3.4%
3315	Foundries	810	5.28	7.2%	9.7%	2.3%	17.4%
3363	Motor Vehicle Parts	590	0.94	5.2%	8.2%	2.6%	20.0%
5415	Computer Systems Design	530	0.25	4.7%	3.3%	2.6%	5.3%
5416	Management Consulting	480	0.33	4.2%	3.9%	1.9%	1.1%
3339	General Purpose Machinery	470	1.51	4.2%	1.4%	1.7%	5.8%
3311	Iron & Steel Products	390	3.47	3.5%	6.3%	1.8%	16.7%
3399	Misc. Manufacturing	360	1.08	3.2%	-5.0%	0.9%	-6.5%
2211	Power Generation & Supply	350	0.72	3.1%	-2.5%	7.9%	9.8%
3313	Aluminum Products	340	4.70	3.0%	8.1%	1.3%	10.6%
6215	Medical and Diagnostic Laboratories	320	1.05	2.8%	15.9%	0.8%	17.3%
2111	Oil & Gas Extraction	310	1.28	2.8%	134.6%	2.1%	124.6%
3361	Motor Vehicles	310	1.33	2.7%	17.7%	2.0%	32.1%
3332	Industrial Machinery	210	1.59	1.9%	-0.2%	0.8%	4.9%
3359	Misc. Electrical Equipment	210	1.34	1.8%	5.2%	0.8%	2.6%
3352	Household Appliances	200	2.84	1.8%	-0.8%	0.9%	-3.3%
3353	Electrical Equipment	200	1.15	1.8%	-0.3%	1.0%	-1.5%
3271	Clay Product and Refractory Manufacturing	170	3.53	1.5%	-8.0%	0.6%	-2.6%
3345	Precision Instruments	150	0.30	1.3%	-10.3%	0.4%	-11.5%
3279	Stone & Mineral Products	140	1.67	1.3%	-5.3%	0.5%	-2.3%
3251	Basic Chemicals	130	0.74	1.2%	2.7%	1.6%	5.2%
3369	Misc. Transportation Equipment	130	3.32	1.2%	3.6%	0.8%	-9.0%
3253	Pesticides & Fertilizers	120	2.65	1.1%	-5.8%	0.9%	-8.4%
Advanced industries manufacturing		8,160	1.22	72.6%	10.8%	79.9%	29.2%
Advanced industries energy		660	0.84	5.8%	18.2%	10.0%	17.6%
Advanced industries services		2,420	0.32	21.5%	4.8%	10.1%	3.2%
ADVANCED INDUSTRIES TOTAL		11,230	0.74	100.0%	9.8%	100.0%	24.1%

† 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.