

Milwaukee, WI

Advanced industries employ

83,430

full-time workers. (2013)

These direct jobs supports an additional

66,740

indirect jobs in other industries in the region.

Advanced industries produce

\$12.9

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

Advanced industries pay, on average

\$86,080

dollars per year (2013).

Advanced industries directly account for

9.9%

of all jobs in the region.

This employment share is

#24

among all large metros.

This accounts for

16.4%

of all output in the region (2013).

This compares to average pay of

\$49,680

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

1.8%

2.7%

OUTPUT

2.1%

3.8%

Milwaukee, WI

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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DATA NOTES

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

Milwaukee, WI

Twenty-Five Largest Advanced Industries (2013)

There are 14 advanced industries in Milwaukee, WI 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
3353	Electrical Equipment	8,930	10.54	10.7%	3.2%	10.5%	0.8%
5415	Computer Systems Design	8,540	0.85	10.2%	9.5%	9.9%	11.8%
3345	Precision Instruments	6,730	2.90	8.1%	-0.7%	7.0%	-2.4%
5413	Architecture & Engineering	5,210	0.66	6.2%	-3.0%	4.2%	-4.6%
5416	Management Consulting	5,080	0.73	6.1%	4.8%	4.7%	4.4%
5182	Data Processing & Hosting	4,820	3.05	5.8%	1.4%	4.9%	-2.2%
3339	General Purpose Machinery	4,810	3.18	5.8%	5.2%	4.5%	8.5%
3315	Foundries	4,120	5.56	4.9%	1.7%	2.4%	11.6%
3336	Engine & Power Equipment	4,120	6.86	4.9%	3.0%	4.1%	6.8%
3331	Agri., Constr., Mining Machinery	4,040	2.74	4.8%	1.6%	4.2%	3.1%
2211	Power Generation & Supply	2,910	1.25	3.5%	-0.4%	11.5%	2.5%
3369	Misc. Transportation Equipment	2,330	12.34	2.8%	-3.1%	3.4%	2.0%
3399	Misc. Manufacturing	2,310	1.42	2.8%	-3.9%	1.4%	-4.9%
3344	Semiconductors	1,900	0.86	2.3%	3.3%	1.5%	-6.6%
6215	Medical and Diagnostic Laboratories	1,600	1.10	1.9%	-3.0%	1.2%	-0.1%
3332	Industrial Machinery	1,500	2.39	1.8%	0.5%	1.6%	1.1%
3391	Medical Equipment & Supplies	1,320	0.73	1.6%	-2.3%	1.1%	-6.2%
3363	Motor Vehicle Parts	1,310	0.43	1.6%	5.1%	1.7%	19.6%
5112	Software Products	1,280	0.72	1.5%	1.9%	4.1%	7.7%
3359	Misc. Electrical Equipment	1,200	1.61	1.4%	3.6%	1.1%	-3.0%
3333	Commercial & Service Machinery	1,040	2.02	1.3%	3.6%	1.1%	5.6%
3352	Household Appliances	930	2.72	1.1%	4.2%	0.9%	0.9%
3251	Basic Chemicals	810	0.96	1.0%	-2.6%	2.0%	-8.0%
3254	Pharmaceuticals	800	0.49	1.0%	-3.2%	2.7%	-5.5%
3351	Electrical Lighting Equipment	630	2.24	0.8%	5.8%	0.7%	1.4%
Advanced industries manufacturing		52,430	1.63	62.9%	1.5%	56.9%	1.3%
Advanced industries energy		2,920	0.78	3.5%	-0.3%	11.5%	2.5%
Advanced industries services		28,070	0.77	33.6%	2.6%	31.7%	3.5%
ADVANCED INDUSTRIES TOTAL		83,430	1.15	100.0%	1.8%	100.0%	2.1%

† 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.