

Utica, NY

Advanced industries employ

6,870

full-time workers. (2013)

These direct jobs supports an additional

5,500

indirect jobs in other industries in the region.

Advanced industries produce

\$1.3

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

Advanced industries pay, on average

\$61,900

dollars per year (2013).

Advanced industries directly account for

5.3%

of all jobs in the region.

This employment share is

#170

among all small metros.

This accounts for

9.3%

of all output in the region (2013).

This compares to average pay of

\$37,160

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-4.3%

Utica, NY

U.S.

-3.6%

Utica, NY

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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DATA NOTES

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

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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
5415	Computer Systems Design	970	0.62	14.1%	2.3%	16.9%	1.8%
3345	Precision Instruments	720	1.99	10.5%	-2.2%	7.7%	1.8%
5413	Architecture & Engineering	550	0.44	8.0%	-6.8%	7.2%	-8.3%
5182	Data Processing & Hosting	480	1.96	7.0%	-12.7%	5.7%	-14.4%
3359	Misc. Electrical Equipment	450	3.86	6.5%	3.7%	3.4%	1.1%
3313	Aluminum Products	420	7.85	6.2%	4.6%	2.8%	5.4%
6215	Medical and Diagnostic Laboratories	330	1.47	4.8%	-9.0%	2.1%	-9.5%
5417	R&D Services	310	0.53	4.5%	1.4%	6.0%	2.7%
3363	Motor Vehicle Parts	280	0.60	4.1%	-15.6%	2.4%	-7.0%
3332	Industrial Machinery	260	2.64	3.8%	0.5%	2.7%	-1.2%
3364	Aircraft Products & Parts	250	0.56	3.7%	-15.4%	4.3%	-16.8%
3341	Computer Equipment	230	1.57	3.3%	0.7%	3.7%	1.7%
3333	Commercial & Service Machinery	220	2.73	3.2%	-2.9%	2.3%	-5.7%
2211	Power Generation & Supply	210	0.57	3.0%	-1.3%	10.9%	0.8%
5416	Management Consulting	160	0.15	2.4%	25.2%	2.3%	21.3%
5191	Web Search Portals and Internet Publishing	150	0.83	2.2%	-3.1%	2.2%	-0.5%
3399	Misc. Manufacturing	120	0.48	1.8%	-8.3%	0.9%	-7.4%
3391	Medical Equipment & Supplies	120	0.42	1.7%	-27.9%	1.4%	-28.4%
3254	Pharmaceuticals	60	0.24	0.9%	0.6%	3.1%	-9.1%
5112	Software Products	60	0.21	0.8%	-13.0%	3.0%	-7.5%
3279	Stone & Mineral Products	50	0.80	0.7%	-9.6%	0.4%	-7.7%
3351	Electrical Lighting Equipment	50	1.17	0.7%	-1.3%	0.5%	-6.9%
3331	Agri., Constr., Mining Machinery	40	0.18	0.6%	-0.8%	0.6%	0.9%
3339	General Purpose Machinery	40	0.17	0.6%	24.9%	0.5%	25.2%
5172	Wireless Telecom Carriers	40	0.28	0.6%	-9.1%	1.5%	-10.1%
Advanced industries manufacturing		3,560	0.71	51.8%	-5.0%	39.2%	-5.5%
Advanced industries energy		210	0.36	3.0%	-1.2%	10.9%	0.8%
Advanced industries services		3,100	0.54	45.1%	-3.8%	49.9%	-3.0%
ADVANCED INDUSTRIES TOTAL		6,870	0.61	100.0%	-4.3%	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.