

Syracuse, NY

Advanced industries employ

27,720

full-time workers. (2013)

These direct jobs supports an additional

22,180

indirect jobs in other industries in the region.

Advanced industries produce

\$6.3

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

Advanced industries pay, on average

\$82,790

dollars per year (2013).

Advanced industries directly account for

8.7%

of all jobs in the region.

This employment share is

#47

among all large metros.

This accounts for

16.7%

of all output in the region (2013).

This compares to average pay of

\$42,780

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-0.5%

Syracuse, NY

U.S.

-0.8%

Syracuse, 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.

Syracuse, NY

Twenty-Five Largest Advanced Industries (2013)

There are 11 advanced industries in Syracuse, NY 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	3,410	1.12	12.3%	-2.0%	8.5%	-3.0%
2211	Power Generation & Supply	3,400	3.82	12.3%	-0.6%	30.9%	1.1%
5417	R&D Services	3,270	2.29	11.8%	13.6%	12.0%	15.5%
3345	Precision Instruments	2,630	2.96	9.5%	-8.8%	6.1%	-4.9%
5415	Computer Systems Design	1,820	0.47	6.6%	5.3%	6.1%	5.2%
3391	Medical Equipment & Supplies	1,720	2.49	6.2%	-1.7%	3.6%	-4.1%
5416	Management Consulting	1,610	0.60	5.8%	-0.3%	4.3%	-3.0%
3359	Misc. Electrical Equipment	980	3.44	3.5%	8.5%	1.3%	5.9%
3339	General Purpose Machinery	920	1.60	3.3%	27.8%	2.4%	20.7%
3344	Semiconductors	820	0.97	3.0%	-4.0%	1.9%	0.5%
6215	Medical and Diagnostic Laboratories	810	1.45	2.9%	4.7%	1.1%	5.0%
3332	Industrial Machinery	770	3.20	2.8%	32.0%	1.5%	25.3%
3254	Pharmaceuticals	570	0.92	2.1%	-8.6%	4.4%	-16.8%
3313	Aluminum Products	480	3.61	1.7%	-2.3%	0.6%	-1.2%
3315	Foundries	480	1.69	1.7%	-2.4%	0.4%	-2.9%
5191	Web Search Portals and Internet Publishing	460	1.04	1.7%	0.1%	1.4%	2.8%
3353	Electrical Equipment	420	1.29	1.5%	6.1%	0.9%	4.0%
3399	Misc. Manufacturing	350	0.57	1.3%	2.9%	0.5%	3.7%
3341	Computer Equipment	280	0.79	1.0%	-18.9%	1.0%	-18.1%
3351	Electrical Lighting Equipment	280	2.59	1.0%	6.2%	0.4%	0.1%
5152	Cable and Other Subscription Programming	270	1.65	1.0%	-16.1%	4.1%	-9.4%
3333	Commercial & Service Machinery	240	1.23	0.9%	8.8%	0.5%	-0.8%
3311	Iron & Steel Products	240	1.17	0.9%	-2.1%	0.3%	-3.0%
5182	Data Processing & Hosting	230	0.39	0.8%	-11.0%	0.6%	-12.8%
3342	Communications Equipment	150	0.64	0.5%	-13.2%	0.4%	-7.1%
Advanced industries manufacturing		12,130	0.98	43.8%	-3.3%	28.2%	-6.3%
Advanced industries energy		3,400	2.37	12.3%	-0.6%	30.9%	1.1%
Advanced industries services		12,190	0.87	44.0%	2.6%	40.9%	2.3%
ADVANCED INDUSTRIES TOTAL		27,720	1.00	100.0%	-0.5%	100.0%	-0.8%

† 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.