

Albany, NY

Advanced industries employ

41,085

full-time workers. (2015)

These direct jobs supports an additional

32,870

indirect jobs in other industries in
the region.

Advanced industries produce

\$8.4

billion dollars in output in the region.
(2015, 2009 Chained)

Advanced industries pay, on average

\$93,372

dollars per year (2015).

Advanced industries directly
account for

8.8%

of all jobs in the region.

This employment share is

#43

among all large metros.

This accounts for

15.3%

of all output in the region (2015).

This compares to average pay of

\$51,741

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

3.74%

RANK:
#36

2.70%

3.10%

RANK:
#36

2.46%

Albany, NY

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

VIEW THE FULL REPORT

www.brookings.edu/advancedindustries

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DATA NOTES

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

Albany, NY

Twenty-Five Largest Advanced Industries (2015)

There are 7 advanced industries in Albany, NY with LQs over 1.5. LQs over 1.5 indicate specialization †

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2015)	Industry Location Quotient (LQ) † 2015	Industry Share of Total Advanced Industries Employment (2015)	Industry Employment Annual Growth		Industry Share of Total Advanced Industries Output (2015)	Industry Output Annual Growth	
					2010- 2013	2013- 2015		2010- 2013	2013- 2015
5417	R&D Services	9,620	4.61	23.4%	1.2%	-0.2%	23.8%	2.1%	1.8%
5413	Engineering	5,270	1.19	12.8%	-0.1%	3.8%	8.6%	-2.0%	1.8%
5415	Computer Systems Design	4,840	0.81	11.8%	5.3%	1.2%	8.5%	5.8%	2.1%
3336	Engine & Power Equipment	2,840	8.78	6.9%	3.8%	-0.7%	4.8%	7.4%	0.5%
3344	Semiconductors	2,810	2.42	6.8%	70.5%	6.4%	5.2%	81.8%	1.9%
5416	Management Consulting	2,540	0.63	6.2%	7.7%	8.0%	4.3%	4.8%	2.2%
3252	Resins & Synthetic Rubbers	1,690	5.68	4.1%	1.8%	2.6%	6.2%	-11.6%	2.1%
2211	Power Generation & Supply	1,680	1.34	4.1%	1.5%	5.1%	9.8%	0.7%	2.8%
3254	Pharmaceuticals	1,390	1.58	3.4%	19.9%	24.2%	6.6%	3.5%	14.3%
5182	Data Processing & Hosting	1,200	1.27	2.9%	-2.6%	1.3%	2.5%	-10.0%	16.4%
5112	Software Products	1,020	0.97	2.5%	14.1%	31.9%	5.4%	10.7%	21.9%
3345	Precision Instruments	840	0.66	2.0%	4.8%	2.8%	1.6%	15.2%	0.5%
3339	General Purpose Machinery	720	0.85	1.7%	4.9%	0.5%	1.2%	7.4%	2.2%
3279	Stone & Mineral Products	690	2.93	1.7%	6.5%	0.7%	0.8%	7.8%	1.9%
5191	Web Search Portals and Internet Publishing	660	0.86	1.6%	-6.7%	2.9%	1.5%	-7.4%	5.3%
3399	Misc. Manufacturing	350	0.39	0.9%	8.0%	-1.3%	0.4%	5.8%	-3.2%
3332	Industrial Machinery	330	0.92	0.8%	0.0%	10.3%	0.4%	1.4%	7.4%
3391	Medical Equipment & Supplies	270	0.28	0.7%	11.8%	-10.1%	0.5%	8.2%	-10.4%
6215	Medical and Diagnostic Laboratories	260	0.32	0.6%	-4.1%	7.4%	0.2%	-6.1%	1.1%
3364	Aircraft Products & Parts	250	0.16	0.6%	-6.5%	10.1%	0.5%	-9.4%	8.8%
5152	Cable and Other Subscription Programming	200	1.04	0.5%	21.2%	2.0%	2.1%	32.6%	-6.2%
3359	Misc. Electrical Equipment	200	0.49	0.5%	16.3%	-0.7%	0.2%	25.6%	4.9%
3251	Basic Chemicals	160	0.34	0.4%	-7.5%	-5.2%	0.8%	-17.5%	5.5%
3341	Computer Equipment	160	0.30	0.4%	12.9%	4.8%	0.5%	20.8%	5.7%
5172	Wireless Telecom Carriers	150	0.35	0.4%	16.3%	-24.7%	1.3%	20.0%	3.5%
IFG	Advanced industries manufacturing	13,540	0.77	33.0%	11.0%	4.3%	31.1%	4.8%	4.4%
	Advanced industries energy	1,700	0.86	4.1%	1.7%	5.3%	9.8%	0.7%	2.9%
	Advanced industries services	25,840	1.23	62.9%	2.1%	2.3%	59.1%	2.9%	3.6%
ADVANCED INDUSTRIES TOTAL		41,090	1.01	100.0%	4.7%	3.1%	100.0%	3.2%	3.7%

† 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.