

Kingston, NY

Advanced industries employ

3,100

full-time workers. (2013)

These direct jobs supports an additional

2,480

indirect jobs in other industries in the region.

Advanced industries produce

\$0.6

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

Advanced industries pay, on average

\$57,390

dollars per year (2013).

Advanced industries directly account for

5.1%

of all jobs in the region.

This employment share is

#181

among all small metros.

This accounts for

9.9%

of all output in the region (2013).

This compares to average pay of

\$38,990

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

1.4%

2.7%

OUTPUT

3.8%

0.0%

Kingston, NY

U.S.

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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.

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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
5182	Data Processing & Hosting	320	2.80	10.5%	16.9%	7.6%	14.6%
3339	General Purpose Machinery	260	2.37	8.5%	1.4%	6.4%	1.4%
5191	Web Search Portals and Internet Publishing	220	2.62	7.2%	9.3%	6.5%	12.4%
5413	Architecture & Engineering	210	0.36	6.7%	12.1%	5.6%	12.0%
2211	Power Generation & Supply	200	1.14	6.3%	1.6%	19.4%	3.0%
3399	Misc. Manufacturing	200	1.64	6.3%	4.9%	3.5%	2.5%
3332	Industrial Machinery	190	4.15	6.2%	-13.7%	3.5%	-16.0%
5417	R&D Services	170	0.62	5.5%	0.2%	6.8%	3.1%
5415	Computer Systems Design	160	0.22	5.3%	-4.5%	5.9%	-3.4%
5416	Management Consulting	140	0.28	4.6%	0.0%	4.1%	-1.5%
3359	Misc. Electrical Equipment	130	2.41	4.2%	4.4%	1.6%	1.4%
3353	Electrical Equipment	110	1.69	3.4%	4.1%	2.1%	1.4%
6215	Medical and Diagnostic Laboratories	100	0.91	3.1%	12.0%	1.4%	12.0%
3279	Stone & Mineral Products	90	2.97	2.9%	-0.4%	1.5%	1.3%
3336	Engine & Power Equipment	80	1.82	2.6%	-3.9%	2.2%	-3.9%
3344	Semiconductors	70	0.42	2.2%	-4.5%	1.6%	-0.8%
3333	Commercial & Service Machinery	60	1.67	2.0%	-3.9%	1.2%	-7.5%
3254	Pharmaceuticals	60	0.49	1.9%	-8.1%	5.3%	-16.6%
3363	Motor Vehicle Parts	50	0.24	1.7%	-1.8%	1.2%	1.9%
3351	Electrical Lighting Equipment	50	2.24	1.5%	3.1%	0.7%	-3.3%
5172	Wireless Telecom Carriers	40	0.57	1.2%	-5.5%	2.9%	-6.7%
3345	Precision Instruments	30	0.19	1.1%	-4.6%	0.8%	-2.0%
5112	Software Products	30	0.19	0.8%	-14.5%	2.6%	-9.9%
3391	Medical Equipment & Supplies	20	0.18	0.8%	10.1%	0.7%	3.7%
3252	Resins & Synthetic Rubbers	20	0.38	0.5%	-5.9%	0.5%	-11.7%
Advanced industries manufacturing		1,490	0.63	48.1%	-2.1%	34.4%	-5.8%
Advanced industries energy		200	0.71	6.3%	1.6%	19.4%	3.0%
Advanced industries services		1,410	0.53	45.6%	5.7%	46.2%	3.9%
ADVANCED INDUSTRIES TOTAL		3,100	0.58	100.0%	1.4%	100.0%	0.0%

† 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.