

Iowa City, IA

Advanced industries employ

7,360

full-time workers. (2013)

These direct jobs supports an additional

5,890

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

\$56,410

dollars per year (2013).

Advanced industries directly account for

7.4%

of all jobs in the region.

This employment share is

#88

among all small metros.

This accounts for

15.5%

of all output in the region (2013).

This compares to average pay of

\$40,440

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

4.1%

2.7%

Iowa City, IA

U.S.

OUTPUT

2.8%

3.8%

Iowa City, IA

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	1,190	6.30	16.1%	0.5%	9.6%	-0.9%
3345	Precision Instruments	880	3.17	11.9%	3.3%	6.5%	-1.0%
3399	Misc. Manufacturing	600	3.11	8.2%	2.2%	4.7%	2.8%
3251	Basic Chemicals	430	4.28	5.9%	-1.6%	17.0%	0.9%
5416	Management Consulting	430	0.51	5.8%	49.3%	3.6%	52.3%
5413	Architecture & Engineering	430	0.45	5.8%	7.0%	3.3%	7.9%
3363	Motor Vehicle Parts	380	1.05	5.1%	4.9%	3.1%	15.2%
5415	Computer Systems Design	350	0.29	4.7%	15.7%	3.4%	18.1%
3254	Pharmaceuticals	320	1.65	4.4%	-2.0%	16.7%	1.8%
3362	Motor Vehicle Body & Trailers	290	3.00	3.9%	4.4%	2.6%	19.2%
3352	Household Appliances	220	5.40	3.0%	5.0%	1.1%	-12.3%
3331	Agri., Constr., Mining Machinery	210	1.21	2.9%	12.2%	2.3%	3.1%
5112	Software Products	210	1.00	2.9%	7.1%	4.1%	7.7%
5179	Other telecommunications	210	3.49	2.8%	-5.3%	3.3%	-3.2%
5417	R&D Services	140	0.31	1.9%	3.6%	1.4%	2.7%
3253	Pesticides & Fertilizers	130	4.89	1.8%	-3.8%	2.6%	-9.0%
2211	Power Generation & Supply	110	0.39	1.5%	1.3%	3.5%	4.5%
3259	Misc. Chemicals	110	1.84	1.5%	-3.7%	2.5%	-3.6%
3313	Aluminum Products	80	1.91	1.1%	4.1%	0.5%	15.6%
3252	Resins & Synthetic Rubbers	70	1.03	0.9%	-1.9%	2.3%	3.8%
3351	Electrical Lighting Equipment	70	1.97	0.9%	3.8%	0.5%	-2.2%
3359	Misc. Electrical Equipment	60	0.71	0.9%	2.2%	0.5%	-4.1%
3339	General Purpose Machinery	50	0.29	0.7%	10.1%	0.4%	1.9%
3336	Engine & Power Equipment	50	0.66	0.6%	16.1%	0.5%	0.7%
3391	Medical Equipment & Supplies	50	0.21	0.6%	4.8%	0.9%	7.4%
Advanced industries manufacturing		4,240	1.10	57.5%	2.7%	67.0%	1.4%
Advanced industries energy		110	0.24	1.5%	1.3%	3.5%	4.5%
Advanced industries services		3,020	0.69	41.0%	6.4%	29.5%	6.2%
ADVANCED INDUSTRIES TOTAL		7,360	0.85	100.0%	4.1%	100.0%	2.8%

† 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.