

Waterloo, IA

Advanced industries employ

9,717

full-time workers. (2015)

These direct jobs supports an additional

7,770

indirect jobs in other industries in the region.

Advanced industries produce

\$1.7

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

Advanced industries pay, on average

\$87,978

dollars per year (2015).

Advanced industries directly account for

10.3%

of all jobs in the region.

This employment share is

#45

among all small metros.

This accounts for

19.8%

of all output in the region (2015).

This compares to average pay of

\$41,815

for all industries (2015).

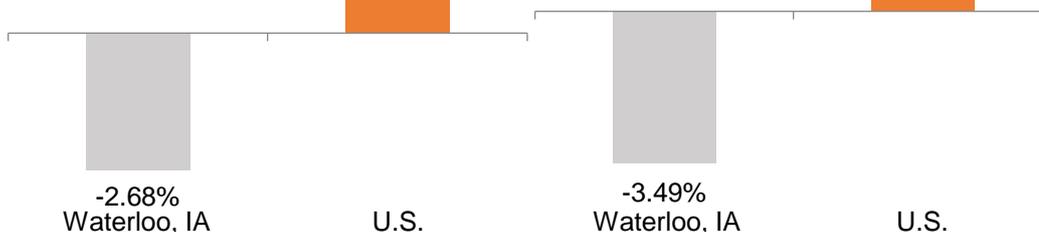
Advanced industry annual average growth, 2013-2015

OUTPUT

RANK: #259
2.70%

JOBS

RANK: #266
2.46%



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.

Waterloo, IA

Twenty-Five Largest Advanced Industries (2015)

There are 6 advanced industries in Waterloo, IA 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
3331	Agri., Constr., Mining Machinery	4,840	31.79	49.8%	6.0%	-7.0%	57.8%	12.2%	-4.3%
3336	Engine & Power Equipment	1,180	17.86	12.1%	4.1%	-7.6%	12.2%	4.8%	-10.7%
3339	General Purpose Machinery	570	3.32	5.9%	2.0%	1.2%	4.9%	7.4%	7.7%
5416	Management Consulting	560	0.68	5.7%	7.6%	43.8%	2.3%	-11.9%	10.8%
5413	Engineering	420	0.46	4.3%	3.7%	6.0%	2.9%	10.3%	9.8%
5415	Computer Systems Design	390	0.32	4.0%	8.5%	7.7%	2.6%	14.1%	13.0%
3362	Motor Vehicle Body & Trailers	230	2.37	2.4%	1.8%	-3.1%	1.3%	6.3%	4.0%
3345	Precision Instruments	190	0.72	1.9%	-0.5%	-0.5%	1.5%	4.2%	0.8%
3399	Misc. Manufacturing	170	0.95	1.8%	-2.9%	3.4%	1.3%	5.5%	7.0%
3352	Household Appliances	130	3.27	1.3%	3.8%	-1.5%	0.6%	-5.4%	-2.4%
3333	Commercial & Service Machinery	110	1.83	1.1%	4.6%	-6.1%	0.8%	-0.2%	-5.3%
5112	Software Products	90	0.41	0.9%	2.0%	12.9%	2.1%	4.6%	28.8%
3332	Industrial Machinery	70	1.01	0.8%	4.4%	-6.2%	0.7%	10.9%	2.3%
3363	Motor Vehicle Parts	70	0.19	0.7%	7.4%	-5.9%	0.3%	8.8%	-6.8%
3391	Medical Equipment & Supplies	60	0.28	0.6%	-6.3%	-3.4%	0.8%	3.7%	3.1%
5172	Wireless Telecom Carriers	50	0.60	0.5%	-13.6%	-8.4%	0.6%	-8.9%	7.2%
3315	Foundries	40	0.55	0.5%	-0.4%	-28.5%	0.2%	7.5%	-43.9%
6215	Medical and Diagnostic Laboratories	40	0.26	0.4%	0.7%	-3.3%	0.2%	-0.7%	1.6%
3342	Communications Equipment	40	0.72	0.4%	9.2%	-2.4%	0.4%	12.0%	3.3%
3259	Misc. Chemicals	40	0.72	0.4%	-9.3%	0.0%	0.6%	-26.7%	-0.4%
3341	Computer Equipment	40	0.36	0.4%	3.5%	-3.7%	0.2%	18.3%	-1.8%
3251	Basic Chemicals	40	0.39	0.4%	20.8%	0.0%	1.1%	22.8%	-1.5%
3359	Misc. Electrical Equipment	40	0.44	0.4%	1.8%	-1.3%	0.3%	2.8%	-3.6%
3279	Stone & Mineral Products	30	0.67	0.3%	5.5%	8.9%	0.3%	8.7%	3.4%
3351	Electrical Lighting Equipment	30	1.03	0.3%	2.1%	-1.5%	0.2%	5.6%	0.7%
IFG	Advanced industries manufacturing	8,100	2.26	83.4%	4.6%	-6.2%	88.4%	9.4%	-4.2%
	Advanced industries energy	20	0.06	0.2%	-2.9%	4.4%	0.5%	-17.5%	4.0%
	Advanced industries services	1,590	0.37	16.4%	2.5%	14.7%	11.1%	-1.7%	12.7%
	ADVANCED INDUSTRIES TOTAL	9,720	1.17	100.0%	4.3%	-3.5%	100.0%	8.1%	-2.7%

† 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.