

## Sioux City, IA-NE-SD

Advanced industries employ

**3,449**

full-time workers. (2015)

These direct jobs supports an additional

**2,760**

indirect jobs in other industries in the region.

Advanced industries produce

**\$0.7**

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

Advanced industries pay, on average

**\$71,126**

dollars per year (2015).

Advanced industries directly account for

**3.7%**

of all jobs in the region.

This employment share is

**#235**

among all small metros.

This accounts for

**8.4%**

of all output in the region (2015).

This compares to average pay of

**\$40,981**

for all industries (2015).

Advanced industry annual average growth, 2013-2015

**OUTPUT**

RANK:  
#122

2.70%

**JOBS**

RANK:  
#196

2.46%

2.57%

-0.14%

Sioux City, IA-NE-SD

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](http://www.brookings.edu/advancedindustries)

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#### DATA NOTES

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

# Sioux City, IA-NE-SD

## Twenty-Five Largest Advanced Industries (2015)

There are 6 advanced industries in Sioux City, IA-NE-SD 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
2211	Power Generation & Supply	470	1.87	13.5%	-1.0%	1.6%	24.7%	2.0%	-2.7%
3345	Precision Instruments	410	1.63	11.9%	7.7%	2.0%	5.5%	9.7%	2.9%
5413	Engineering	280	0.32	8.2%	2.2%	-0.2%	4.3%	2.8%	3.5%
3253	Pesticides & Fertilizers	260	10.94	7.4%	5.7%	10.4%	14.6%	-2.7%	18.6%
3362	Motor Vehicle Body & Trailers	220	2.32	6.3%	-1.5%	-11.9%	3.8%	4.1%	-0.2%
3331	Agri., Constr., Mining Machinery	210	1.43	6.2%	7.3%	-4.8%	7.2%	18.9%	-2.6%
3363	Motor Vehicle Parts	160	0.45	4.6%	1.8%	-4.1%	1.9%	4.6%	-7.9%
5416	Management Consulting	160	0.20	4.6%	11.0%	-2.4%	2.8%	9.7%	5.6%
5415	Computer Systems Design	130	0.11	3.7%	3.8%	1.6%	2.0%	5.1%	9.3%
3333	Commercial & Service Machinery	120	2.18	3.5%	3.3%	0.8%	3.4%	7.7%	0.2%
3313	Aluminum Products	100	2.73	3.0%	0.3%	0.5%	1.2%	9.9%	4.5%
3391	Medical Equipment & Supplies	70	0.38	2.1%	2.0%	3.6%	2.3%	3.3%	10.7%
3344	Semiconductors	60	0.27	1.8%	-2.3%	-4.5%	2.0%	28.0%	6.1%
3339	General Purpose Machinery	60	0.35	1.7%	6.0%	-7.5%	1.6%	12.6%	7.9%
3254	Pharmaceuticals	60	0.33	1.7%	5.5%	10.1%	6.3%	5.9%	8.0%
3315	Foundries	60	0.72	1.6%	1.2%	0.0%	0.6%	9.3%	-9.5%
3251	Basic Chemicals	50	0.57	1.5%	2.5%	-1.8%	3.2%	10.7%	-1.3%
3341	Computer Equipment	50	0.44	1.3%	8.7%	0.0%	0.5%	18.3%	5.7%
3332	Industrial Machinery	40	0.62	1.3%	77.3%	6.2%	1.1%	54.5%	8.7%
3342	Communications Equipment	40	0.79	1.3%	1.5%	-2.2%	0.8%	6.4%	-15.3%
5172	Wireless Telecom Carriers	40	0.47	1.2%	-7.2%	-4.7%	1.2%	-1.7%	8.2%
6215	Medical and Diagnostic Laboratories	30	0.21	1.0%	2.3%	6.5%	0.3%	0.5%	1.8%
3352	Household Appliances	30	0.78	0.9%	4.9%	0.0%	0.4%	-4.8%	0.0%
3361	Motor Vehicles	30	0.22	0.8%	7.7%	-3.4%	0.5%	13.0%	3.2%
3311	Iron & Steel Products	30	0.48	0.8%	-1.3%	1.9%	1.0%	9.4%	6.4%
IFG	Advanced industries manufacturing	2,270	0.65	65.8%	4.0%	-0.5%	63.0%	7.0%	4.8%
	Advanced industries energy	480	1.21	13.9%	-0.9%	1.8%	24.7%	2.2%	-3.4%
	Advanced industries services	700	0.17	20.4%	3.0%	-0.2%	12.3%	3.5%	4.6%
	<b>ADVANCED INDUSTRIES TOTAL</b>	<b>3,450</b>	<b>0.43</b>	<b>100.0%</b>	<b>3.1%</b>	<b>-0.1%</b>	<b>100.0%</b>	<b>5.1%</b>	<b>2.6%</b>

† 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.