

Des Moines, IA

Advanced industries employ

19,250

full-time workers. (2013)

These direct jobs supports an additional

15,400

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.6

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

Advanced industries pay, on average

\$72,800

dollars per year (2013).

Advanced industries directly
account for

5.6%

of all jobs in the region.

This employment share is

#83

among all large metros.

This accounts for

7.3%

of all output in the region (2013).

This compares to average pay of

\$48,710

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

6.0%

2.7%

Des Moines, IA

U.S.

OUTPUT

4.7%

3.8%

Des Moines, 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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DATA NOTES

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

Des Moines, IA

Twenty-Five Largest Advanced Industries (2013)

There are 6 advanced industries in Des Moines, IA with LQs over 1.5. LQs over 1.5 indicate specialization †

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
5415	Computer Systems Design	3,470	0.84	18.0%	9.2%	17.2%	11.5%
5413	Architecture & Engineering	2,600	0.80	13.5%	13.0%	10.1%	14.0%
5416	Management Consulting	2,170	0.76	11.3%	15.5%	9.2%	18.1%
3331	Agri., Constr., Mining Machinery	2,140	3.55	11.1%	0.2%	11.0%	-8.3%
5182	Data Processing & Hosting	1,840	2.84	9.6%	-6.7%	7.6%	-7.9%
5417	R&D Services	1,110	0.73	5.8%	20.4%	5.6%	20.0%
3363	Motor Vehicle Parts	1,070	0.86	5.5%	9.0%	4.5%	26.6%
3333	Commercial & Service Machinery	580	2.72	3.0%	28.6%	2.0%	5.7%
3345	Precision Instruments	460	0.48	2.4%	-3.9%	2.0%	-7.4%
3332	Industrial Machinery	360	1.40	1.9%	3.9%	1.4%	-4.8%
5179	Other telecommunications	360	1.74	1.9%	3.9%	3.0%	5.2%
2211	Power Generation & Supply	320	0.34	1.7%	-2.6%	5.3%	0.1%
3254	Pharmaceuticals	250	0.37	1.3%	11.4%	6.4%	14.0%
3399	Misc. Manufacturing	250	0.37	1.3%	-4.2%	0.7%	-5.2%
3391	Medical Equipment & Supplies	230	0.32	1.2%	-0.6%	1.5%	0.3%
5172	Wireless Telecom Carriers	230	0.62	1.2%	-10.8%	1.2%	-4.6%
6215	Medical and Diagnostic Laboratories	230	0.39	1.2%	1.8%	0.7%	1.4%
3364	Aircraft Products & Parts	200	0.16	1.0%	6.3%	1.1%	2.9%
3259	Misc. Chemicals	170	0.82	0.9%	7.1%	1.9%	5.7%
5191	Web Search Portals and Internet Publishing	130	0.27	0.7%	21.6%	0.7%	33.9%
3271	Clay Product and Refractory Manufacturing	120	1.24	0.6%	5.4%	0.5%	6.9%
3279	Stone & Mineral Products	110	0.67	0.6%	14.3%	0.4%	16.0%
3365	Railroad Rolling Stock Manufacturing	100	1.76	0.5%	6.2%	0.6%	14.7%
3339	General Purpose Machinery	90	0.15	0.5%	24.2%	0.3%	12.9%
5112	Software Products	90	0.12	0.4%	-8.7%	1.2%	-5.1%
Advanced industries manufacturing		6,670	0.50	34.6%	3.9%	37.9%	0.3%
Advanced industries energy		320	0.21	1.7%	-2.6%	5.3%	0.1%
Advanced industries services		12,260	0.82	63.7%	7.5%	56.8%	8.6%
ADVANCED INDUSTRIES TOTAL		19,250	0.65	100.0%	6.0%	100.0%	4.7%

† 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.