

Lincoln, NE

Advanced industries employ

13,490

full-time workers. (2013)

These direct jobs supports an additional

10,790

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.3

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

Advanced industries pay, on average

\$63,150

dollars per year (2013).

Advanced industries directly
account for

7.3%

of all jobs in the region.

This employment share is

#94

among all small metros.

This accounts for

13.6%

of all output in the region (2013).

This compares to average pay of

\$39,650

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

3.8%

2.7%

Lincoln, NE

U.S.

OUTPUT

6.8%

3.8%

Lincoln, NE

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.

Lincoln, NE

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
5415	Computer Systems Design	1,990	0.89	14.8%	5.0%	11.0%	5.4%
3345	Precision Instruments	1,500	2.91	11.1%	3.4%	4.1%	-4.1%
3254	Pharmaceuticals	1,400	3.87	10.4%	3.1%	30.9%	9.7%
5413	Architecture & Engineering	1,120	0.64	8.3%	-0.6%	5.0%	-0.2%
5416	Management Consulting	1,040	0.67	7.7%	9.4%	5.2%	17.8%
3369	Misc. Transportation Equipment	1,020	24.32	7.5%	1.6%	2.8%	-1.0%
3363	Motor Vehicle Parts	970	1.45	7.2%	7.9%	7.5%	22.2%
5112	Software Products	570	1.46	4.2%	12.2%	6.0%	15.3%
5417	R&D Services	480	0.58	3.6%	11.2%	2.7%	8.3%
6215	Medical and Diagnostic Laboratories	450	1.38	3.3%	2.8%	1.4%	1.7%
3359	Misc. Electrical Equipment	300	1.81	2.2%	1.3%	1.8%	10.9%
3342	Communications Equipment	290	2.25	2.2%	-2.7%	0.5%	-29.7%
3353	Electrical Equipment	260	1.36	1.9%	-5.5%	1.5%	-0.9%
3344	Semiconductors	220	0.44	1.6%	7.2%	0.8%	6.6%
3399	Misc. Manufacturing	180	0.51	1.3%	4.8%	2.1%	9.7%
3341	Computer Equipment	180	0.85	1.3%	5.5%	1.4%	1.2%
5182	Data Processing & Hosting	170	0.49	1.3%	16.6%	1.0%	16.1%
2211	Power Generation & Supply	110	0.22	0.8%	-3.0%	4.7%	-3.8%
3391	Medical Equipment & Supplies	110	0.28	0.8%	-2.8%	1.8%	3.1%
3333	Commercial & Service Machinery	110	0.92	0.8%	6.9%	0.7%	18.1%
5152	Cable and Other Subscription Programming	100	1.05	0.7%	-9.6%	1.0%	-2.9%
3251	Basic Chemicals	100	0.52	0.7%	9.9%	1.1%	9.6%
5191	Web Search Portals and Internet Publishing	90	0.34	0.7%	10.1%	0.4%	7.9%
5172	Wireless Telecom Carriers	90	0.43	0.6%	6.1%	0.6%	9.3%
3351	Electrical Lighting Equipment	70	1.16	0.5%	-0.9%	0.3%	-0.1%
Advanced industries manufacturing		7,250	1.01	53.7%	2.7%	60.8%	7.4%
Advanced industries energy		110	0.14	0.8%	-3.0%	4.7%	-3.7%
Advanced industries services		6,130	0.76	45.4%	5.3%	34.5%	7.6%
ADVANCED INDUSTRIES TOTAL		13,490	0.84	100.0%	3.8%	100.0%	6.8%

† 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.