

Rockford, IL

Advanced industries employ

18,626

full-time workers. (2015)

These direct jobs supports an additional

14,900

indirect jobs in other industries in the region.

Advanced industries produce

\$3.5

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

Advanced industries pay, on average

\$79,296

dollars per year (2015).

Advanced industries directly account for

12.1%

of all jobs in the region.

This employment share is

#27

among all small metros.

This accounts for

21.6%

of all output in the region (2015).

This compares to average pay of

\$45,932

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK: **#154**
2.70%

1.40%

Rockford, IL

U.S.

JOBS

RANK: **#209**
2.46%

-0.61%

Rockford, IL

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

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.

Rockford, IL

Twenty-Five Largest Advanced Industries (2015)

There are 15 advanced industries in Rockford, IL 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
3339	General Purpose Machinery	3,870	13.88	20.8%	1.2%	-0.7%	24.7%	1.1%	4.1%
3363	Motor Vehicle Parts	3,570	6.05	19.2%	22.7%	-1.2%	13.5%	26.1%	1.9%
3364	Aircraft Products & Parts	2,760	5.39	14.8%	18.0%	2.5%	11.2%	20.7%	4.9%
3361	Motor Vehicles	1,260	5.89	6.8%	26.6%	1.1%	7.9%	49.4%	1.8%
2211	Power Generation & Supply	790	1.91	4.2%	2.6%	2.8%	7.5%	-7.3%	-6.0%
3362	Motor Vehicle Body & Trailers	750	4.76	4.0%	27.6%	1.2%	2.2%	26.8%	2.3%
5413	Engineering	580	0.40	3.1%	-4.4%	1.4%	2.3%	-6.2%	1.3%
3345	Precision Instruments	520	1.25	2.8%	-3.0%	-16.4%	2.8%	-2.5%	-17.3%
3336	Engine & Power Equipment	470	4.36	2.5%	11.2%	-1.3%	3.7%	9.7%	-1.7%
5416	Management Consulting	360	0.27	2.0%	2.1%	-4.0%	1.8%	-1.7%	3.9%
3353	Electrical Equipment	340	2.27	1.8%	4.1%	-7.2%	1.3%	4.7%	-6.2%
3251	Basic Chemicals	320	2.05	1.7%	0.3%	-3.0%	3.1%	-3.1%	2.4%
3332	Industrial Machinery	310	2.60	1.6%	-3.9%	-2.8%	2.7%	-3.9%	2.3%
3315	Foundries	280	2.14	1.5%	4.4%	7.4%	0.6%	14.0%	6.6%
5415	Computer Systems Design	270	0.13	1.4%	9.9%	-5.6%	1.2%	8.9%	1.9%
3333	Commercial & Service Machinery	240	2.57	1.3%	-4.3%	-4.9%	1.9%	-3.6%	-2.8%
3252	Resins & Synthetic Rubbers	200	1.99	1.1%	3.7%	-4.1%	1.6%	-5.1%	2.9%
3399	Misc. Manufacturing	190	0.64	1.0%	5.9%	0.0%	0.7%	5.4%	-1.7%
3359	Misc. Electrical Equipment	180	1.36	1.0%	7.7%	6.9%	0.6%	8.7%	-2.2%
3331	Agri., Constr., Mining Machinery	160	0.65	0.9%	3.1%	-2.4%	0.2%	3.3%	-6.5%
5182	Data Processing & Hosting	120	0.38	0.6%	-5.6%	2.7%	0.6%	-9.9%	15.7%
5172	Wireless Telecom Carriers	120	0.83	0.6%	-4.3%	1.3%	0.7%	-0.8%	3.2%
3352	Household Appliances	110	1.70	0.6%	10.4%	6.0%	0.3%	2.6%	0.6%
3391	Medical Equipment & Supplies	100	0.32	0.5%	0.9%	-5.4%	0.5%	-0.8%	-6.4%
3365	Railroad Rolling Stock Manufacturing	100	3.36	0.5%	23.0%	2.6%	0.6%	47.5%	22.6%
IFG	Advanced industries manufacturing	16,220	2.78	87.1%	10.1%	-0.7%	84.7%	9.7%	1.9%
	Advanced industries energy	800	1.21	4.3%	2.6%	3.0%	7.5%	-7.2%	-6.0%
	Advanced industries services	1,610	0.23	8.6%	-0.9%	-0.9%	7.8%	-2.7%	4.2%
ADVANCED INDUSTRIES TOTAL		18,630	1.38	100.0%	8.6%	-0.6%	100.0%	6.6%	1.4%

† 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.