

Springfield, IL

Advanced industries employ

4,734

full-time workers. (2015)

These direct jobs supports an additional

3,790

indirect jobs in other industries in the region.

Advanced industries produce

\$0.9

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

Advanced industries pay, on average

\$53,821

dollars per year (2015).

Advanced industries directly account for

4.1%

of all jobs in the region.

This employment share is

#223

among all small metros.

This accounts for

8.2%

of all output in the region (2015).

This compares to average pay of

\$43,218

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOB

6.38%

RANK:
#30

2.70%

RANK:
#117

2.46%

2.15%

Springfield, IL

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

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DATA NOTES

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

Springfield, IL

Twenty-Five Largest Advanced Industries (2015)

There are 3 advanced industries in Springfield, 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
5415	Computer Systems Design	980	0.65	20.6%	4.1%	5.1%	14.3%	2.9%	6.1%
5413	Engineering	670	0.61	14.2%	-2.1%	-6.1%	10.2%	-4.2%	-3.6%
5416	Management Consulting	450	0.45	9.5%	4.7%	4.6%	6.8%	1.1%	4.5%
2211	Power Generation & Supply	420	1.37	9.0%	4.3%	31.0%	18.8%	-3.7%	29.2%
3353	Electrical Equipment	330	2.97	7.0%	-5.7%	-0.6%	4.3%	-4.5%	-5.5%
5179	Other telecommunications	280	4.35	5.9%	2.0%	-8.2%	9.4%	-2.5%	1.9%
3345	Precision Instruments	200	0.64	4.2%	2.5%	0.8%	3.9%	2.5%	-1.3%
3352	Household Appliances	170	3.43	3.5%	-6.4%	-1.5%	1.8%	-12.1%	-1.2%
3359	Misc. Electrical Equipment	150	1.47	3.2%	-8.6%	-0.3%	2.0%	-7.0%	-3.9%
3399	Misc. Manufacturing	80	0.36	1.7%	2.6%	8.5%	1.0%	2.8%	5.8%
5182	Data Processing & Hosting	80	0.34	1.7%	-5.6%	17.4%	1.6%	-9.4%	35.1%
3344	Semiconductors	80	0.27	1.7%	2.7%	0.6%	1.5%	7.1%	-0.3%
3315	Foundries	70	0.73	1.5%	-1.8%	-0.7%	0.5%	7.0%	-1.0%
5417	R&D Services	70	0.13	1.5%	-2.2%	-10.9%	1.8%	-2.6%	-3.1%
6215	Medical and Diagnostic Laboratories	70	0.34	1.5%	2.2%	3.8%	0.5%	-1.3%	10.0%
3391	Medical Equipment & Supplies	60	0.24	1.2%	-6.4%	-0.9%	1.1%	-7.4%	-1.3%
3241	Petroleum & Coal Products	60	0.65	1.2%	-0.6%	0.0%	6.6%	18.8%	10.2%
3339	General Purpose Machinery	60	0.27	1.2%	17.6%	3.8%	1.2%	18.5%	10.8%
5112	Software Products	50	0.19	1.1%	-15.2%	0.0%	3.0%	-11.7%	15.5%
5172	Wireless Telecom Carriers	40	0.42	0.9%	-13.7%	-3.2%	1.6%	-6.7%	2.9%
3311	Iron & Steel Products	40	0.62	0.9%	-2.2%	-1.1%	0.6%	9.7%	-6.4%
3342	Communications Equipment	40	0.56	0.8%	2.8%	1.3%	0.7%	4.1%	-5.2%
2111	Oil & Gas Extraction	30	0.21	0.7%	2.1%	-1.5%	0.3%	3.5%	-18.0%
3336	Engine & Power Equipment	30	0.39	0.7%	17.2%	3.4%	0.8%	16.7%	5.4%
3331	Agri., Constr., Mining Machinery	30	0.16	0.6%	7.7%	7.7%	0.8%	9.0%	4.7%
IFG	Advanced industries manufacturing	1,550	0.36	32.8%	-2.7%	0.6%	30.7%	1.4%	1.5%
	Advanced industries energy	460	0.92	9.6%	4.0%	27.6%	19.1%	-3.5%	27.5%
	Advanced industries services	2,730	0.52	57.6%	0.6%	0.1%	50.1%	-2.0%	3.5%
ADVANCED INDUSTRIES TOTAL		4,730	0.47	100.0%	-0.4%	2.1%	100.0%	-1.1%	6.4%

† 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.