

Springfield, MO

Advanced industries employ

11,830

full-time workers. (2013)

These direct jobs supports an additional

9,460

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.1

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

Advanced industries pay, on average

\$50,720

dollars per year (2013).

Advanced industries directly
account for

5.7%

of all jobs in the region.

This employment share is

#152

among all small metros.

This accounts for

11.8%

of all output in the region (2013).

This compares to average pay of

\$36,470

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

8.5%

2.7%

Springfield, MO

U.S.

OUTPUT

7.5%

3.8%

Springfield, MO

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.

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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	1,490	0.60	12.6%	53.3%	11.9%	54.3%
5179	Other telecommunications	1,150	9.28	9.7%	5.9%	15.4%	7.7%
5413	Architecture & Engineering	1,000	0.51	8.5%	4.7%	5.8%	0.9%
3336	Engine & Power Equipment	790	5.32	6.7%	9.6%	4.9%	5.9%
3359	Misc. Electrical Equipment	780	4.26	6.6%	14.6%	5.6%	8.4%
3332	Industrial Machinery	600	3.85	5.1%	9.1%	1.6%	11.9%
5416	Management Consulting	540	0.31	4.5%	7.1%	3.5%	3.9%
5112	Software Products	520	1.19	4.4%	1.5%	5.1%	-4.2%
3362	Motor Vehicle Body & Trailers	510	2.60	4.3%	24.1%	4.8%	25.7%
5172	Wireless Telecom Carriers	500	2.21	4.2%	-0.3%	9.2%	5.5%
3344	Semiconductors	420	0.78	3.6%	-2.5%	3.6%	7.1%
3364	Aircraft Products & Parts	380	0.52	3.2%	13.1%	1.5%	11.1%
5182	Data Processing & Hosting	360	0.91	3.0%	-3.6%	3.0%	-7.0%
3399	Misc. Manufacturing	320	0.80	2.7%	6.3%	1.0%	1.2%
3363	Motor Vehicle Parts	300	0.41	2.6%	0.4%	3.2%	7.5%
2211	Power Generation & Supply	270	0.47	2.3%	-7.2%	6.9%	0.4%
3342	Communications Equipment	220	1.53	1.9%	-0.4%	0.7%	2.4%
6215	Medical and Diagnostic Laboratories	220	0.61	1.9%	6.5%	0.9%	8.8%
3333	Commercial & Service Machinery	180	1.40	1.5%	15.7%	0.8%	15.8%
3391	Medical Equipment & Supplies	170	0.38	1.4%	1.4%	1.1%	-4.9%
3279	Stone & Mineral Products	160	1.53	1.3%	38.0%	0.6%	30.5%
3339	General Purpose Machinery	130	0.35	1.1%	-20.6%	0.6%	-15.7%
5417	R&D Services	110	0.11	0.9%	-4.6%	0.8%	-4.9%
3361	Motor Vehicles	90	0.34	0.8%	10.1%	1.2%	23.1%
3241	Petroleum & Coal Products	80	0.51	0.7%	3.8%	0.5%	-15.9%
Advanced industries manufacturing		5,580	0.70	47.1%	8.0%	35.4%	8.3%
Advanced industries energy		280	0.30	2.3%	-7.0%	7.3%	1.1%
Advanced industries services		5,980	0.66	50.5%	10.0%	57.2%	7.9%
ADVANCED INDUSTRIES TOTAL		11,830	0.66	100.0%	8.5%	100.0%	7.5%

† 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.