

Joplin, MO

Advanced industries employ

6,330

full-time workers. (2013)

These direct jobs supports an additional

5,060

indirect jobs in other industries in
the region.

Advanced industries produce

\$1.1

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

Advanced industries pay, on average

\$51,130

dollars per year (2013).

Advanced industries directly
account for

7.4%

of all jobs in the region.

This employment share is

#87

among all small metros.

This accounts for

15.1%

of all output in the region (2013).

This compares to average pay of

\$35,650

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

1.5%

Joplin, MO

U.S.

OUTPUT

3.8%

-1.6%

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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.

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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
3359	Misc. Electrical Equipment	1,230	16.22	19.4%	-0.4%	15.4%	-6.1%
3241	Petroleum & Coal Products	400	5.93	6.3%	-4.5%	4.7%	-22.8%
3363	Motor Vehicle Parts	380	1.24	6.0%	17.8%	7.0%	24.8%
3339	General Purpose Machinery	360	2.32	5.6%	51.5%	3.0%	60.0%
5413	Architecture & Engineering	330	0.41	5.2%	8.4%	3.6%	5.5%
3353	Electrical Equipment	320	3.74	5.1%	-1.0%	5.2%	-5.1%
5172	Wireless Telecom Carriers	310	3.39	4.9%	-12.2%	9.0%	-8.2%
3344	Semiconductors	290	1.29	4.6%	0.8%	3.7%	9.9%
3362	Motor Vehicle Body & Trailers	280	3.39	4.4%	3.9%	4.7%	4.2%
3364	Aircraft Products & Parts	270	0.89	4.2%	6.9%	2.0%	4.6%
2211	Power Generation & Supply	180	0.76	2.8%	4.9%	8.9%	13.4%
3259	Misc. Chemicals	150	3.04	2.4%	-2.5%	3.3%	-6.7%
3315	Foundries	140	1.80	2.1%	-1.7%	0.8%	8.5%
6215	Medical and Diagnostic Laboratories	130	0.90	2.1%	2.9%	1.1%	7.0%
3399	Misc. Manufacturing	120	0.75	2.0%	-4.9%	0.8%	-13.2%
3251	Basic Chemicals	120	1.35	1.8%	12.3%	4.0%	4.1%
5417	R&D Services	110	0.29	1.8%	17.0%	1.6%	17.4%
5415	Computer Systems Design	110	0.11	1.7%	31.0%	1.7%	33.5%
3253	Pesticides & Fertilizers	100	4.63	1.6%	-3.0%	2.7%	-9.1%
3313	Aluminum Products	80	2.24	1.2%	-4.3%	1.1%	9.6%
3361	Motor Vehicles	80	0.70	1.2%	4.2%	1.8%	15.3%
5152	Cable and Other Subscription Programming	70	1.72	1.2%	10.4%	2.8%	-0.1%
3254	Pharmaceuticals	70	0.43	1.1%	-10.7%	3.0%	-14.3%
3336	Engine & Power Equipment	70	1.13	1.1%	-17.3%	0.7%	-23.2%
3271	Clay Product and Refractory Manufacturing	60	2.74	1.0%	0.5%	0.5%	-1.8%
Advanced industries manufacturing		4,940	1.51	78.0%	1.4%	68.3%	-3.1%
Advanced industries energy		180	0.48	2.9%	4.8%	9.3%	13.4%
Advanced industries services		1,210	0.32	19.0%	1.0%	22.4%	-1.6%
ADVANCED INDUSTRIES TOTAL		6,330	0.86	100.0%	1.5%	100.0%	-1.6%

† 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.