

Columbia, MO

Advanced industries employ

5,370

full-time workers. (2013)

These direct jobs supports an additional

4,300

indirect jobs in other industries in the region.

Advanced industries produce

\$0.8

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

Advanced industries pay, on average

\$57,390

dollars per year (2013).

Advanced industries directly account for

5.4%

of all jobs in the region.

This employment share is

#163

among all small metros.

This accounts for

10.1%

of all output in the region (2013).

This compares to average pay of

\$39,000

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

11.6%

2.7%

Columbia, MO

U.S.

OUTPUT

10.8%

3.8%

Columbia, 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.

Columbia, MO

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	1,130	0.96	21.1%	43.4%	22.0%	42.9%
5413	Architecture & Engineering	680	0.73	12.7%	7.4%	9.6%	2.3%
3344	Semiconductors	610	2.32	11.3%	9.2%	10.7%	18.0%
6215	Medical and Diagnostic Laboratories	490	2.85	9.1%	1.5%	5.0%	4.8%
3359	Misc. Electrical Equipment	430	4.90	8.0%	10.8%	7.0%	4.1%
5416	Management Consulting	420	0.50	7.7%	12.2%	6.5%	7.6%
3353	Electrical Equipment	310	3.15	5.8%	9.1%	6.8%	4.1%
3352	Household Appliances	130	3.14	2.4%	10.5%	2.3%	4.6%
2211	Power Generation & Supply	120	0.45	2.3%	-4.4%	7.9%	3.8%
3339	General Purpose Machinery	100	0.57	1.9%	5.0%	1.1%	12.8%
5191	Web Search Portals and Internet Publishing	100	0.73	1.8%	10.2%	1.1%	5.0%
5179	Other telecommunications	90	1.48	1.6%	14.5%	2.6%	16.4%
5172	Wireless Telecom Carriers	80	0.72	1.4%	-4.7%	3.2%	0.8%
3336	Engine & Power Equipment	70	1.02	1.3%	11.5%	0.9%	6.0%
3331	Agri., Constr., Mining Machinery	70	0.41	1.3%	3.0%	1.3%	4.4%
5417	R&D Services	70	0.16	1.3%	45.6%	1.3%	42.7%
3391	Medical Equipment & Supplies	50	0.24	0.9%	-2.5%	0.6%	-7.5%
3363	Motor Vehicle Parts	50	0.13	0.9%	-20.3%	1.2%	-14.8%
3364	Aircraft Products & Parts	40	0.12	0.7%	-3.9%	0.4%	-6.2%
5112	Software Products	40	0.17	0.7%	-2.6%	1.9%	-3.5%
3259	Misc. Chemicals	30	0.43	0.5%	35.7%	0.9%	30.0%
3313	Aluminum Products	20	0.59	0.4%	10.1%	0.4%	24.7%
3315	Foundries	20	0.28	0.4%	12.2%	0.2%	23.4%
3333	Commercial & Service Machinery	20	0.36	0.4%	11.2%	0.2%	10.1%
5152	Cable and Other Subscription Programming	20	0.40	0.4%	3.6%	1.5%	-5.5%
Advanced industries manufacturing		2,120	0.56	39.5%	7.4%	37.0%	7.1%
Advanced industries energy		120	0.28	2.3%	-4.4%	7.9%	3.8%
Advanced industries services		3,130	0.73	58.2%	15.9%	55.1%	14.9%
ADVANCED INDUSTRIES TOTAL		5,370	0.63	100.0%	11.6%	100.0%	10.8%

† 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.