

Columbus, GA-AL

Advanced industries employ

7,350

full-time workers. (2013)

These direct jobs supports an additional

5,880

indirect jobs in other industries in the region.

Advanced industries produce

\$1.2

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

Advanced industries pay, on average

\$125,450

dollars per year (2013).

Advanced industries directly account for

5.0%

of all jobs in the region.

This employment share is

#184

among all small metros.

This accounts for

9.8%

of all output in the region (2013).

This compares to average pay of

\$43,610

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-1.9%

0.8%

Columbus, GA-AL

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

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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
5413	Architecture & Engineering	1,570	1.13	21.3%	17.6%	16.4%	18.7%
5415	Computer Systems Design	1,250	0.71	17.0%	-9.1%	16.1%	-6.9%
3364	Aircraft Products & Parts	880	1.72	12.0%	-7.7%	11.0%	-5.0%
3315	Foundries	350	2.67	4.7%	-0.9%	2.7%	16.1%
5416	Management Consulting	340	0.28	4.7%	-13.5%	3.8%	-13.3%
2211	Power Generation & Supply	260	0.65	3.6%	2.9%	10.2%	5.1%
3359	Misc. Electrical Equipment	260	2.01	3.6%	2.7%	3.3%	1.7%
3279	Stone & Mineral Products	160	2.27	2.2%	0.8%	1.6%	0.9%
3271	Clay Product and Refractory Manufacturing	160	3.90	2.1%	4.9%	1.3%	7.4%
3362	Motor Vehicle Body & Trailers	130	0.94	1.8%	-1.9%	1.4%	12.9%
5182	Data Processing & Hosting	130	0.46	1.7%	-18.4%	1.5%	-16.9%
5112	Software Products	120	0.40	1.7%	-2.6%	3.4%	4.2%
3363	Motor Vehicle Parts	120	0.23	1.6%	-3.8%	0.1%	1.7%
6215	Medical and Diagnostic Laboratories	120	0.47	1.6%	4.9%	0.8%	6.8%
3352	Household Appliances	120	1.98	1.6%	4.6%	2.1%	5.0%
5417	R&D Services	120	0.18	1.6%	-33.0%	1.5%	-31.7%
3331	Agri., Constr., Mining Machinery	100	0.40	1.4%	-1.6%	1.8%	7.4%
5172	Wireless Telecom Carriers	100	0.65	1.4%	12.5%	2.1%	18.6%
3332	Industrial Machinery	100	0.94	1.4%	-7.2%	1.3%	-7.1%
3353	Electrical Equipment	90	0.58	1.2%	15.4%	1.0%	17.6%
3339	General Purpose Machinery	80	0.31	1.1%	3.0%	0.9%	0.8%
3341	Computer Equipment	80	0.50	1.1%	10.4%	2.1%	14.0%
3251	Basic Chemicals	60	0.43	0.9%	6.5%	1.7%	0.5%
3391	Medical Equipment & Supplies	60	0.18	0.8%	-13.0%	0.6%	-11.3%
3343	Audio & Video Equipment	50	2.71	0.7%	7.9%	0.4%	-5.3%
Advanced industries manufacturing		3,270	0.58	44.5%	-1.2%	42.5%	2.4%
Advanced industries energy		270	0.41	3.6%	2.9%	10.5%	4.7%
Advanced industries services		3,810	0.59	51.8%	-2.7%	47.0%	-1.3%
ADVANCED INDUSTRIES TOTAL		7,350	0.58	100.0%	-1.9%	100.0%	0.8%

† 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.