

Columbia, SC

Advanced industries employ

23,610

full-time workers. (2013)

These direct jobs supports an additional

18,890

indirect jobs in other industries in
the region.

Advanced industries produce

\$4.6

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

Advanced industries pay, on average

\$73,970

dollars per year (2013).

Advanced industries directly
account for

6.2%

of all jobs in the region.

This employment share is

#78

among all large metros.

This accounts for

13.5%

of all output in the region (2013).

This compares to average pay of

\$42,050

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

0.9%

2.7%

OUTPUT

1.4%

3.8%

Columbia, SC

U.S.

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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.

Columbia, SC

Twenty-Five Largest Advanced Industries (2013)

There are 7 advanced industries in Columbia, SC with LQs over 1.5. LQs over 1.5 indicate specialization †

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
2211	Power Generation & Supply	4,050	3.84	17.2%	2.0%	32.3%	2.4%
5413	Architecture & Engineering	2,590	0.72	11.0%	-2.4%	6.2%	0.5%
5415	Computer Systems Design	2,330	0.51	9.8%	6.8%	7.2%	1.5%
5416	Management Consulting	1,680	0.53	7.1%	0.9%	5.0%	2.2%
3252	Resins & Synthetic Rubbers	1,600	6.48	6.8%	-3.4%	7.2%	-3.4%
3251	Basic Chemicals	1,400	3.65	5.9%	-2.4%	7.0%	-4.7%
5182	Data Processing & Hosting	1,250	1.74	5.3%	-4.6%	3.7%	-5.5%
3399	Misc. Manufacturing	1,040	1.42	4.4%	2.4%	2.7%	-4.2%
3363	Motor Vehicle Parts	920	0.68	3.9%	9.9%	3.4%	22.7%
3361	Motor Vehicles	580	1.16	2.5%	13.1%	3.0%	22.8%
6215	Medical and Diagnostic Laboratories	520	0.79	2.2%	8.6%	0.9%	4.3%
3359	Misc. Electrical Equipment	470	1.40	2.0%	17.2%	2.2%	17.3%
3339	General Purpose Machinery	420	0.61	1.8%	0.7%	1.5%	4.9%
3342	Communications Equipment	380	1.42	1.6%	-9.2%	0.8%	-2.2%
3254	Pharmaceuticals	370	0.50	1.6%	0.2%	2.5%	4.9%
3352	Household Appliances	350	2.26	1.5%	27.2%	1.6%	17.8%
3341	Computer Equipment	340	0.81	1.5%	-16.1%	1.3%	-13.1%
3279	Stone & Mineral Products	340	1.84	1.4%	3.7%	0.7%	5.1%
3336	Engine & Power Equipment	330	1.20	1.4%	36.4%	0.8%	45.6%
5172	Wireless Telecom Carriers	330	0.79	1.4%	8.8%	1.1%	10.8%
3353	Electrical Equipment	290	0.76	1.2%	-21.2%	1.7%	-18.6%
3366	Ships & Boats	290	0.83	1.2%	17.7%	0.4%	0.2%
5417	R&D Services	260	0.15	1.1%	12.6%	0.5%	13.9%
3344	Semiconductors	230	0.23	1.0%	5.7%	0.5%	27.0%
3271	Clay Product and Refractory Manufacturing	150	1.45	0.6%	-5.2%	0.4%	-3.6%
Advanced industries manufacturing		10,310	0.71	43.7%	0.5%	41.3%	1.0%
Advanced industries energy		4,060	2.38	17.2%	2.0%	32.3%	2.4%
Advanced industries services		9,240	0.56	39.1%	1.0%	26.4%	0.8%
ADVANCED INDUSTRIES TOTAL		23,610	0.72	100.0%	0.9%	100.0%	1.4%

† 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.