

South Carolina

Advanced industries employ

167,350

full-time workers. (2013)

These direct jobs supports an additional

133,880

indirect jobs in other industries in the region.

Advanced industries produce

\$28.6

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

Advanced industries pay, on average

\$67,060

dollars per year (2013).

Advanced industries directly account for

8.4%

of all jobs in the region.

This employment share is

#19

among all states.

This accounts for

16.6%

of all output in the region (2013).

This compares to average pay of

\$40,970

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

OUTPUT

3.9%

2.7%

4.2%

3.8%

South Carolina

U.S.

South Carolina

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

VIEW THE FULL REPORT

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DATA NOTES

All figures reflect Brookings analysis of data from Moody's Analytics.

South Carolina

Twenty-Five Largest Advanced Industries (2013)

There are 15 advanced industries in South Carolina 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
5413	Architecture & Engineering	20,700	1.10	12.4%	2.0%	7.7%	2.5%
3363	Motor Vehicle Parts	15,890	2.23	9.5%	8.8%	10.0%	19.5%
5416	Management Consulting	11,690	0.70	7.0%	7.6%	4.5%	6.6%
2211	Power Generation & Supply	11,130	2.01	6.6%	0.5%	16.0%	-1.1%
5415	Computer Systems Design	11,090	0.47	6.6%	2.6%	5.0%	3.7%
3252	Resins & Synthetic Rubbers	6,870	5.30	4.1%	0.2%	5.1%	-1.9%
3364	Aircraft Products & Parts	6,550	0.94	3.9%	27.6%	3.8%	22.0%
3361	Motor Vehicles	5,810	2.22	3.5%	7.0%	5.5%	18.7%
3339	General Purpose Machinery	5,600	1.56	3.3%	7.5%	2.4%	10.0%
3336	Engine & Power Equipment	5,420	3.81	3.2%	2.0%	2.7%	4.2%
3359	Misc. Electrical Equipment	4,620	2.62	2.8%	7.2%	3.2%	5.8%
3331	Agri., Constr., Mining Machinery	4,270	1.22	2.5%	4.8%	1.9%	6.3%
3353	Electrical Equipment	4,230	2.11	2.5%	3.4%	3.2%	2.5%
3251	Basic Chemicals	4,200	2.09	2.5%	1.0%	3.5%	-0.9%
3399	Misc. Manufacturing	3,720	0.97	2.2%	3.2%	1.3%	-3.5%
3391	Medical Equipment & Supplies	3,620	0.85	2.2%	-0.9%	1.6%	-8.3%
5172	Wireless Telecom Carriers	3,470	1.61	2.1%	4.5%	2.1%	6.0%
6215	Medical and Diagnostic Laboratories	2,960	0.86	1.8%	5.7%	0.8%	2.7%
5182	Data Processing & Hosting	2,620	0.70	1.6%	-2.3%	1.1%	-6.0%
3345	Precision Instruments	2,510	0.46	1.5%	3.6%	1.0%	8.2%
3259	Misc. Chemicals	2,360	2.02	1.4%	-5.5%	1.4%	-7.7%
5112	Software Products	2,320	0.55	1.4%	18.5%	2.0%	17.9%
3366	Ships & Boats	2,280	1.27	1.4%	3.1%	0.8%	-2.6%
3254	Pharmaceuticals	2,280	0.59	1.4%	1.2%	2.4%	0.2%
3344	Semiconductors	2,190	0.42	1.3%	1.8%	0.9%	7.8%
Advanced industries manufacturing		97,990	1.28	58.6%	4.6%	58.8%	5.9%
Advanced industries energy		11,140	1.25	6.7%	0.4%	16.0%	-1.1%
Advanced industries services		58,220	0.67	34.8%	3.6%	25.2%	4.1%
ADVANCED INDUSTRIES TOTAL		167,350	0.97	100.0%	3.9%	100.0%	4.2%

† 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.