

Charleston, SC

Advanced industries employ

34,230

full-time workers. (2013)

These direct jobs supports an additional

27,380

indirect jobs in other industries in
the region.

Advanced industries produce

\$5.3

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

Advanced industries pay, on average

\$73,340

dollars per year (2013).

Advanced industries directly
account for

10.5%

of all jobs in the region.

This employment share is

#18

among all large metros.

This accounts for

18.4%

of all output in the region (2013).

This compares to average pay of

\$44,370

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

4.2%

2.7%

Charleston, SC

U.S.

OUTPUT

6.6%

3.8%

Charleston, SC

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.

Charleston, SC

Twenty-Five Largest Advanced Industries (2013)

There are 13 advanced industries in Charleston, 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
5413	Architecture & Engineering	6,010	1.95	17.6%	-3.7%	11.6%	-1.2%
3364	Aircraft Products & Parts	4,810	4.22	14.1%	26.6%	17.3%	28.7%
5415	Computer Systems Design	4,790	1.23	14.0%	13.0%	11.9%	7.2%
3363	Motor Vehicle Parts	2,640	2.26	7.7%	5.4%	8.8%	23.4%
5416	Management Consulting	2,540	0.94	7.4%	7.1%	6.3%	7.9%
3366	Ships & Boats	1,580	5.37	4.6%	10.7%	2.1%	3.0%
2211	Power Generation & Supply	1,000	1.10	2.9%	-0.5%	7.1%	0.2%
5172	Wireless Telecom Carriers	890	2.53	2.6%	4.5%	2.7%	5.2%
3313	Aluminum Products	820	6.05	2.4%	-1.1%	1.7%	-2.1%
3362	Motor Vehicle Body & Trailers	760	2.44	2.2%	-13.2%	3.1%	11.5%
3391	Medical Equipment & Supplies	750	1.06	2.2%	-4.5%	2.1%	-11.4%
3336	Engine & Power Equipment	720	3.11	2.1%	-6.8%	1.3%	-2.3%
5182	Data Processing & Hosting	680	1.10	2.0%	-6.8%	1.7%	-7.7%
3252	Resins & Synthetic Rubbers	650	3.07	1.9%	4.1%	2.8%	9.3%
5417	R&D Services	540	0.37	1.6%	-5.6%	0.9%	-4.7%
3251	Basic Chemicals	490	1.50	1.4%	-2.3%	2.5%	-0.6%
6215	Medical and Diagnostic Laboratories	480	0.84	1.4%	4.0%	0.6%	-0.7%
3399	Misc. Manufacturing	440	0.70	1.3%	-8.8%	0.7%	-14.4%
3259	Misc. Chemicals	430	2.26	1.3%	12.7%	1.0%	-6.9%
3359	Misc. Electrical Equipment	310	1.06	0.9%	15.2%	1.3%	14.3%
3331	Agri., Constr., Mining Machinery	300	0.53	0.9%	-6.4%	1.1%	-6.9%
3369	Misc. Transportation Equipment	300	4.14	0.9%	44.7%	1.8%	10.6%
3361	Motor Vehicles	260	0.61	0.8%	4.0%	1.6%	17.9%
3339	General Purpose Machinery	250	0.42	0.7%	3.5%	0.7%	6.5%
5191	Web Search Portals and Internet Publishing	210	0.48	0.6%	20.9%	0.5%	25.8%
Advanced industries manufacturing		16,890	1.35	49.3%	6.1%	55.1%	10.0%
Advanced industries energy		1,000	0.68	2.9%	-0.5%	7.1%	0.2%
Advanced industries services		16,340	1.15	47.7%	2.6%	37.8%	3.5%
ADVANCED INDUSTRIES TOTAL		34,230	1.21	100.0%	4.2%	100.0%	6.6%

† 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.