

Charleston, SC

Advanced industries employ

36,572

full-time workers. (2015)

These direct jobs supports an additional

29,260

indirect jobs in other industries in the region.

Advanced industries produce

\$5.3

billion dollars in output in the region. (2015, 2009 Chained)

Advanced industries pay, on average

\$80,608

dollars per year (2015).

Advanced industries directly account for

10.5%

of all jobs in the region.

This employment share is

#20

among all large metros.

This accounts for

17.8%

of all output in the region (2015).

This compares to average pay of

\$46,741

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOB

3.80%

RANK:
#34

2.70%

3.24%

RANK:
#34

2.46%

Charleston, SC

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

VIEW THE FULL REPORT

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 (2015)

There are 12 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 (2015)	Industry Location Quotient (LQ) † 2015	Industry Share of Total Advanced Industries Employment (2015)	Industry Employment Annual Growth		Industry Share of Total Advanced Industries Output (2015)	Industry Output Annual Growth	
					2010-2013	2013-2015		2010-2013	2013-2015
5413	Engineering	5,860	1.76	16.0%	-3.4%	-1.7%	11.3%	-2.3%	-4.0%
5415	Computer Systems Design	5,580	1.24	15.3%	13.4%	7.5%	12.6%	13.9%	9.3%
3364	Aircraft Products & Parts	5,360	4.62	14.6%	27.8%	4.0%	22.3%	31.1%	9.3%
3363	Motor Vehicle Parts	2,950	2.21	8.1%	6.2%	4.4%	5.0%	4.9%	2.3%
5416	Management Consulting	2,830	0.94	7.7%	7.5%	5.0%	6.7%	6.5%	0.7%
3366	Ships & Boats	1,360	4.26	3.7%	6.2%	-1.5%	2.2%	2.3%	2.3%
2211	Power Generation & Supply	970	1.04	2.7%	-1.0%	-0.8%	6.0%	-4.8%	-3.2%
3391	Medical Equipment & Supplies	920	1.26	2.5%	-4.3%	10.8%	2.1%	-14.3%	7.3%
5172	Wireless Telecom Carriers	840	2.64	2.3%	3.5%	-2.0%	3.3%	4.8%	3.5%
3313	Aluminum Products	830	5.89	2.3%	-0.9%	0.6%	1.5%	-3.5%	-1.1%
3362	Motor Vehicle Body & Trailers	800	2.25	2.2%	-12.4%	1.3%	2.0%	-6.5%	5.2%
5417	R&D Services	650	0.42	1.8%	-6.4%	9.4%	1.2%	-5.9%	-0.5%
3259	Misc. Chemicals	620	3.19	1.7%	-2.3%	21.7%	0.9%	-16.5%	6.6%
3336	Engine & Power Equipment	590	2.45	1.6%	-8.0%	-9.8%	1.5%	-3.3%	-3.7%
3252	Resins & Synthetic Rubbers	590	2.65	1.6%	3.5%	-3.3%	2.3%	-0.4%	2.3%
3399	Misc. Manufacturing	570	0.85	1.6%	-8.9%	13.0%	0.9%	-16.0%	15.1%
6215	Medical and Diagnostic Laboratories	520	0.84	1.4%	4.0%	4.6%	0.7%	2.0%	0.6%
5182	Data Processing & Hosting	510	0.72	1.4%	-7.3%	-12.6%	1.6%	-9.1%	0.7%
3359	Misc. Electrical Equipment	400	1.29	1.1%	16.0%	13.5%	1.6%	10.6%	12.3%
3251	Basic Chemicals	380	1.07	1.0%	-2.4%	0.4%	1.4%	-15.1%	-4.2%
5191	Web Search Portals and Internet Publishing	330	0.58	0.9%	18.9%	26.8%	0.9%	35.2%	43.1%
3369	Misc. Transportation Equipment	320	4.02	0.9%	46.1%	1.3%	1.8%	11.8%	-6.1%
3339	General Purpose Machinery	280	0.45	0.8%	2.3%	6.9%	0.5%	7.8%	5.2%
3361	Motor Vehicles	250	0.52	0.7%	4.9%	-3.0%	1.0%	4.2%	-4.8%
3332	Industrial Machinery	250	0.92	0.7%	-24.9%	68.2%	0.6%	-41.5%	83.8%
IFG	Advanced industries manufacturing	18,180	1.38	49.7%	6.1%	3.8%	53.5%	5.6%	5.1%
	Advanced industries energy	970	0.65	2.7%	-1.0%	-0.8%	6.0%	-4.8%	-3.2%
	Advanced industries services	17,420	1.10	47.6%	2.8%	2.9%	40.6%	4.0%	3.3%
	ADVANCED INDUSTRIES TOTAL	36,570	1.20	100.0%	4.2%	3.2%	100.0%	4.1%	3.8%

† 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.