

Cumberland, MD-WV

Advanced industries employ

1,790

full-time workers. (2013)

These direct jobs supports an additional

1,430

indirect jobs in other industries in
the region.

Advanced industries produce

\$0.4

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

Advanced industries pay, on average

\$48,970

dollars per year (2013).

Advanced industries directly
account for

4.4%

of all jobs in the region.

This employment share is

#208

among all small metros.

This accounts for

10.8%

of all output in the region (2013).

This compares to average pay of

\$37,060

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-3.2%

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U.S.

-1.9%

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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

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.

Cumberland, MD-WV

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
3364	Aircraft Products & Parts	410	2.86	22.7%	-0.7%	24.6%	1.1%
3363	Motor Vehicle Parts	260	1.76	14.3%	-2.2%	3.8%	8.2%
2211	Power Generation & Supply	150	1.34	8.5%	-6.0%	20.6%	-8.2%
5413	Architecture & Engineering	110	0.30	6.4%	0.3%	4.1%	0.6%
5182	Data Processing & Hosting	80	1.00	4.3%	0.4%	2.7%	7.7%
5172	Wireless Telecom Carriers	70	1.57	3.9%	-1.9%	7.9%	11.2%
3271	Clay Product and Refractory Manufacturing	70	5.86	3.6%	-9.3%	2.0%	-5.7%
3311	Iron & Steel Products	60	2.23	3.2%	-3.7%	1.8%	-1.6%
6215	Medical and Diagnostic Laboratories	40	0.63	2.5%	3.2%	0.9%	-3.6%
3313	Aluminum Products	40	2.45	2.3%	-4.5%	1.5%	17.1%
3345	Precision Instruments	40	0.36	2.2%	-4.6%	1.1%	-4.6%
5415	Computer Systems Design	40	0.08	2.2%	-6.0%	1.9%	-3.4%
3346	Magnetic & Optical Media	40	6.59	2.0%	1.9%	3.2%	3.2%
3344	Semiconductors	30	0.27	1.6%	-2.2%	0.6%	1.8%
3339	General Purpose Machinery	30	0.38	1.6%	-5.3%	0.2%	-3.9%
3353	Electrical Equipment	30	0.68	1.6%	-4.4%	0.8%	-11.7%
5179	Other telecommunications	30	1.16	1.6%	-3.3%	5.0%	-10.2%
3336	Engine & Power Equipment	30	0.93	1.5%	-6.5%	1.3%	-1.9%
3254	Pharmaceuticals	20	0.30	1.3%	10.1%	3.3%	12.4%
3241	Petroleum & Coal Products	20	0.69	1.2%	-2.9%	1.6%	-8.9%
3342	Communications Equipment	20	0.77	1.2%	0.0%	0.6%	2.7%
3399	Misc. Manufacturing	20	0.26	1.1%	-7.2%	0.8%	-14.5%
5416	Management Consulting	20	0.05	1.0%	-29.3%	0.8%	-31.3%
3361	Motor Vehicles	20	0.30	0.9%	-5.6%	2.2%	3.0%
3391	Medical Equipment & Supplies	20	0.17	0.8%	-5.9%	0.7%	-6.3%
Advanced industries manufacturing		1,220	0.79	68.4%	-2.5%	54.2%	1.2%
Advanced industries energy		150	0.84	8.6%	-6.1%	20.8%	-8.1%
Advanced industries services		410	0.23	23.0%	-4.2%	25.0%	-2.2%
ADVANCED INDUSTRIES TOTAL		1,790	0.51	100.0%	-3.2%	100.0%	-1.9%

† 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.