

Harrisburg, PA

Advanced industries employ

18,120

full-time workers. (2013)

These direct jobs supports an additional

14,500

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.9

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

Advanced industries pay, on average

\$71,110

dollars per year (2013).

Advanced industries directly
account for

5.4%

of all jobs in the region.

This employment share is

#85

among all large metros.

This accounts for

9.1%

of all output in the region (2013).

This compares to average pay of

\$47,350

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

1.0%

2.7%

OUTPUT

1.1%

3.8%

Harrisburg, PA

U.S.

Harrisburg, PA

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.

Harrisburg, PA

Twenty-Five Largest Advanced Industries (2013)

There are 6 advanced industries in Harrisburg, PA 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
5415	Computer Systems Design	3,840	0.96	21.2%	6.6%	22.2%	6.4%
5413	Architecture & Engineering	3,700	1.17	20.4%	-0.8%	16.2%	-1.4%
5416	Management Consulting	2,000	0.72	11.0%	1.3%	9.7%	-0.1%
5182	Data Processing & Hosting	1,120	1.78	6.2%	-7.0%	5.5%	-7.1%
3359	Misc. Electrical Equipment	1,030	3.49	5.7%	-1.1%	4.3%	-3.5%
3344	Semiconductors	930	1.05	5.1%	1.4%	4.5%	3.2%
2211	Power Generation & Supply	630	0.68	3.5%	-1.2%	11.8%	-1.8%
3391	Medical Equipment & Supplies	490	0.68	2.7%	1.9%	2.4%	1.5%
3339	General Purpose Machinery	460	0.76	2.5%	3.4%	1.7%	7.1%
3315	Foundries	450	1.51	2.5%	5.1%	1.8%	18.0%
5191	Web Search Portals and Internet Publishing	400	0.86	2.2%	-0.3%	1.3%	5.2%
6215	Medical and Diagnostic Laboratories	380	0.66	2.1%	0.7%	1.0%	2.1%
5172	Wireless Telecom Carriers	250	0.68	1.4%	5.4%	4.4%	3.5%
3399	Misc. Manufacturing	230	0.36	1.3%	-4.9%	0.9%	-1.6%
3353	Electrical Equipment	220	0.64	1.2%	-2.1%	0.6%	-4.2%
3346	Magnetic & Optical Media	170	3.75	0.9%	-7.4%	0.6%	-7.8%
3311	Iron & Steel Products	170	0.78	0.9%	-0.6%	1.1%	9.7%
5417	R&D Services	170	0.11	0.9%	4.1%	1.1%	6.5%
3351	Electrical Lighting Equipment	160	1.44	0.9%	-2.4%	0.6%	-3.6%
3364	Aircraft Products & Parts	140	0.12	0.8%	8.3%	0.8%	12.3%
3313	Aluminum Products	120	0.86	0.7%	2.0%	0.8%	12.4%
3332	Industrial Machinery	120	0.47	0.6%	4.7%	0.6%	8.7%
3279	Stone & Mineral Products	120	0.70	0.6%	-1.1%	0.4%	-4.8%
3331	Agri., Constr., Mining Machinery	90	0.15	0.5%	5.8%	0.4%	3.5%
3345	Precision Instruments	80	0.09	0.5%	8.1%	0.4%	10.5%
Advanced industries manufacturing		5,480	0.43	30.2%	0.7%	24.6%	2.3%
Advanced industries energy		650	0.43	3.6%	-0.9%	12.1%	-1.2%
Advanced industries services		11,990	0.82	66.2%	1.2%	63.3%	1.1%
ADVANCED INDUSTRIES TOTAL		18,120	0.63	100.0%	1.0%	100.0%	1.1%

† 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.