

Harrisburg, PA

Advanced industries employ

20,326

full-time workers. (2015)

These direct jobs supports an additional

16,260

indirect jobs in other industries in the region.

Advanced industries produce

\$3.1

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

Advanced industries pay, on average

\$70,880

dollars per year (2015).

Advanced industries directly account for

6.0%

of all jobs in the region.

This employment share is

#80

among all large metros.

This accounts for

9.5%

of all output in the region (2015).

This compares to average pay of

\$49,803

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

4.77%
RANK:
#23

2.70%

2.75%
RANK:
#39

2.46%

Harrisburg, PA

U.S.

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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.

Harrisburg, PA

Twenty-Five Largest Advanced Industries (2015)

There are 5 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 (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
5415	Computer Systems Design	4,980	1.13	24.5%	6.1%	3.8%	22.4%	8.4%	3.2%
5413	Engineering	3,730	1.15	18.4%	-1.4%	4.4%	14.0%	-2.9%	2.5%
5416	Management Consulting	1,870	0.63	9.2%	1.3%	-0.4%	8.6%	-0.9%	1.6%
3359	Misc. Electrical Equipment	1,800	6.00	8.9%	-1.0%	1.6%	6.8%	-4.3%	3.6%
5182	Data Processing & Hosting	1,060	1.53	5.2%	-7.7%	-1.8%	5.0%	-10.7%	3.9%
2211	Power Generation & Supply	930	1.01	4.6%	-0.6%	19.3%	15.3%	-3.1%	21.2%
3344	Semiconductors	820	0.97	4.0%	1.7%	-3.1%	4.3%	6.8%	-1.7%
3391	Medical Equipment & Supplies	480	0.68	2.4%	0.5%	2.2%	1.8%	-4.9%	1.7%
3339	General Purpose Machinery	460	0.75	2.3%	3.6%	4.5%	1.5%	6.5%	2.7%
6215	Medical and Diagnostic Laboratories	430	0.72	2.1%	2.2%	2.7%	1.1%	1.2%	-2.3%
3315	Foundries	410	1.41	2.0%	5.0%	-1.2%	1.4%	15.9%	-0.9%
5191	Web Search Portals and Internet Publishing	400	0.71	2.0%	-1.2%	1.5%	1.4%	2.1%	11.4%
3353	Electrical Equipment	380	1.15	1.9%	-1.9%	1.6%	1.0%	-2.8%	-0.5%
3351	Electrical Lighting Equipment	280	2.52	1.4%	-2.3%	1.6%	1.0%	-2.6%	3.8%
3364	Aircraft Products & Parts	230	0.20	1.1%	12.3%	26.3%	0.7%	14.5%	1.1%
5172	Wireless Telecom Carriers	220	0.70	1.1%	4.3%	-4.5%	3.2%	4.7%	3.8%
5417	R&D Services	200	0.13	1.0%	3.5%	13.3%	1.0%	5.4%	10.2%
3311	Iron & Steel Products	160	0.77	0.8%	-0.4%	0.6%	0.8%	7.5%	-5.2%
3346	Magnetic & Optical Media	150	3.96	0.8%	-7.0%	-2.2%	0.5%	-4.3%	-5.8%
3399	Misc. Manufacturing	150	0.23	0.7%	-6.8%	-16.8%	0.6%	-8.3%	-4.9%
3279	Stone & Mineral Products	150	0.85	0.7%	5.3%	7.6%	0.5%	6.2%	6.2%
3313	Aluminum Products	110	0.81	0.5%	1.9%	0.0%	0.6%	9.6%	1.4%
3332	Industrial Machinery	100	0.39	0.5%	4.8%	-2.4%	0.5%	7.2%	1.8%
5112	Software Products	100	0.13	0.5%	1.5%	3.1%	1.2%	1.4%	17.3%
3331	Agri., Constr., Mining Machinery	80	0.15	0.4%	6.4%	0.6%	0.3%	5.2%	-2.8%
IFG	Advanced industries manufacturing	6,340	0.49	31.2%	0.5%	1.1%	25.8%	1.6%	1.4%
	Advanced industries energy	930	0.64	4.6%	-0.2%	18.2%	15.5%	-2.2%	19.8%
	Advanced industries services	13,050	0.85	64.2%	1.1%	2.7%	58.6%	0.8%	3.1%
	ADVANCED INDUSTRIES TOTAL	20,330	0.68	100.0%	0.9%	2.8%	100.0%	0.7%	4.8%

† 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.