

Scranton, PA

Advanced industries employ

13,480

full-time workers. (2013)

These direct jobs supports an additional

10,780

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.5

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

Advanced industries pay, on average

\$56,400

dollars per year (2013).

Advanced industries directly
account for

5.2%

of all jobs in the region.

This employment share is

#88

among all large metros.

This accounts for

10.0%

of all output in the region (2013).

This compares to average pay of

\$38,720

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-1.0%

Scranton, PA

U.S.

-1.5%

Scranton, 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.

Scranton, PA

Twenty-Five Largest Advanced Industries (2013)

There are 6 advanced industries in Scranton, 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
3391	Medical Equipment & Supplies	2,120	3.83	15.7%	-0.5%	11.9%	0.5%
5416	Management Consulting	1,730	0.80	12.8%	4.4%	10.4%	3.3%
2211	Power Generation & Supply	1,430	2.00	10.6%	-3.7%	28.5%	-5.3%
5413	Architecture & Engineering	1,380	0.57	10.3%	0.6%	7.7%	0.3%
5415	Computer Systems Design	940	0.30	6.9%	12.5%	6.9%	12.8%
6215	Medical and Diagnostic Laboratories	520	1.16	3.8%	0.1%	1.7%	1.2%
3346	Magnetic & Optical Media	490	14.16	3.7%	-12.8%	2.3%	-12.4%
3359	Misc. Electrical Equipment	450	1.99	3.4%	-2.2%	2.2%	-4.6%
3364	Aircraft Products & Parts	450	0.49	3.3%	-1.8%	3.1%	1.5%
3399	Misc. Manufacturing	420	0.84	3.1%	4.7%	1.7%	9.5%
5191	Web Search Portals and Internet Publishing	310	0.87	2.3%	-3.5%	1.2%	2.0%
3345	Precision Instruments	270	0.38	2.0%	-11.9%	1.8%	-9.3%
5182	Data Processing & Hosting	260	0.54	1.9%	-9.4%	1.5%	-9.4%
3311	Iron & Steel Products	220	1.34	1.6%	9.1%	1.7%	19.2%
3344	Semiconductors	210	0.30	1.5%	-12.1%	1.4%	-10.1%
3339	General Purpose Machinery	200	0.42	1.5%	8.8%	0.8%	11.8%
3332	Industrial Machinery	190	1.01	1.4%	57.1%	1.0%	63.1%
3315	Foundries	170	0.77	1.3%	1.2%	0.7%	12.7%
3241	Petroleum & Coal Products	160	0.78	1.2%	1.1%	0.8%	-18.1%
3342	Communications Equipment	150	0.85	1.1%	-10.6%	0.9%	-9.2%
5417	R&D Services	140	0.12	1.0%	-1.6%	1.1%	-0.8%
3259	Misc. Chemicals	140	0.91	1.0%	6.9%	1.2%	0.2%
3351	Electrical Lighting Equipment	140	1.59	1.0%	-0.5%	0.6%	-1.7%
3254	Pharmaceuticals	100	0.19	0.7%	-2.7%	2.0%	-5.5%
3313	Aluminum Products	90	0.87	0.7%	9.4%	0.6%	19.7%
Advanced industries manufacturing		6,560	0.66	48.7%	-2.9%	37.5%	-1.8%
Advanced industries energy		1,440	1.25	10.7%	-3.6%	28.8%	-5.1%
Advanced industries services		5,480	0.49	40.6%	2.3%	33.7%	2.5%
ADVANCED INDUSTRIES TOTAL		13,480	0.60	100.0%	-1.0%	100.0%	-1.5%

† 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.