

Pittsfield, MA

Advanced industries employ

3,280

full-time workers. (2013)

These direct jobs supports an additional

2,620

indirect jobs in other industries in the region.

Advanced industries produce

\$0.8

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

Advanced industries pay, on average

\$81,700

dollars per year (2013).

Advanced industries directly account for

5.1%

of all jobs in the region.

This employment share is

#177

among all small metros.

This accounts for

12.7%

of all output in the region (2013).

This compares to average pay of

\$41,120

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

0.4%

Pittsfield, MA

U.S.

OUTPUT

3.8%

0.9%

Pittsfield, MA

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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www.brookings.edu/advancedindustries

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DATA NOTES

All figures reflect Brookings analysis of data from Moody's Analytics.

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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
5413	Architecture & Engineering	1,470	2.42	44.6%	2.9%	33.4%	4.0%
3254	Pharmaceuticals	210	1.71	6.5%	-2.0%	12.6%	-1.9%
5415	Computer Systems Design	200	0.25	5.9%	1.8%	5.6%	3.6%
2211	Power Generation & Supply	160	0.90	4.9%	-1.8%	13.3%	3.1%
3251	Basic Chemicals	150	2.32	4.6%	-3.7%	7.6%	-5.9%
3332	Industrial Machinery	140	2.84	4.1%	0.5%	2.9%	3.9%
5416	Management Consulting	130	0.25	4.0%	-4.2%	3.1%	-4.5%
5191	Web Search Portals and Internet Publishing	130	1.43	3.8%	1.4%	2.8%	-2.3%
3391	Medical Equipment & Supplies	100	0.75	3.1%	6.2%	2.7%	5.5%
5417	R&D Services	90	0.32	2.8%	2.7%	3.0%	6.3%
3399	Misc. Manufacturing	80	0.62	2.3%	8.1%	1.5%	9.2%
3363	Motor Vehicle Parts	70	0.31	2.1%	-2.3%	1.3%	1.7%
3259	Misc. Chemicals	60	1.47	1.7%	1.9%	1.7%	-1.2%
3279	Stone & Mineral Products	40	1.41	1.3%	5.0%	0.6%	7.6%
3252	Resins & Synthetic Rubbers	30	0.74	0.9%	0.0%	1.2%	-2.3%
3339	General Purpose Machinery	30	0.27	0.9%	-2.1%	0.6%	1.4%
5152	Cable and Other Subscription Programming	20	0.74	0.7%	-29.3%	0.8%	-22.2%
3315	Foundries	20	0.37	0.6%	-5.6%	0.3%	-1.5%
5172	Wireless Telecom Carriers	20	0.29	0.6%	-5.9%	0.5%	-2.4%
3344	Semiconductors	20	0.11	0.5%	-3.5%	0.5%	-1.1%
3333	Commercial & Service Machinery	20	0.41	0.5%	-7.2%	0.3%	-5.9%
3341	Computer Equipment	20	0.22	0.5%	-2.0%	0.7%	-1.2%
5112	Software Products	20	0.11	0.5%	14.5%	1.7%	7.2%
3271	Clay Product and Refractory Manufacturing	10	0.80	0.4%	-9.7%	0.2%	-7.2%
3313	Aluminum Products	10	0.42	0.3%	-2.9%	0.2%	2.0%
Advanced industries manufacturing		1,050	0.43	31.9%	-0.5%	35.7%	-1.5%
Advanced industries energy		160	0.56	4.9%	-1.8%	13.3%	3.1%
Advanced industries services		2,080	0.74	63.2%	1.1%	51.0%	2.2%
ADVANCED INDUSTRIES TOTAL		3,280	0.59	100.0%	0.4%	100.0%	0.9%

† 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.