

Barnstable Town, MA

Advanced industries employ

4,450

full-time workers. (2013)

These direct jobs supports an additional

3,560

indirect jobs in other industries in the region.

Advanced industries produce

\$1.1

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

Advanced industries pay, on average

\$75,810

dollars per year (2013).

Advanced industries directly account for

4.6%

of all jobs in the region.

This employment share is

#199

among all small metros.

This accounts for

10.3%

of all output in the region (2013).

This compares to average pay of

\$41,910

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-0.1%

Barnstable Town, MA

U.S.

1.1%

Barnstable Town, 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
5417	R&D Services	1,320	3.03	29.5%	-0.7%	28.2%	1.8%
5413	Architecture & Engineering	510	0.56	11.5%	-4.7%	7.7%	-4.8%
5415	Computer Systems Design	430	0.37	9.7%	5.3%	8.2%	6.0%
5416	Management Consulting	380	0.47	8.6%	-5.5%	5.9%	-6.9%
3345	Precision Instruments	360	1.34	8.1%	5.0%	8.6%	7.0%
2211	Power Generation & Supply	260	0.98	5.9%	-3.5%	14.3%	0.6%
5191	Web Search Portals and Internet Publishing	170	1.23	3.7%	3.5%	2.7%	-0.4%
5182	Data Processing & Hosting	160	0.85	3.5%	3.4%	2.7%	2.0%
3391	Medical Equipment & Supplies	90	0.41	1.9%	4.3%	1.6%	4.0%
6215	Medical and Diagnostic Laboratories	80	0.49	1.9%	-4.1%	0.8%	-4.5%
3344	Semiconductors	80	0.31	1.8%	5.6%	1.9%	9.0%
5112	Software Products	60	0.31	1.4%	-0.5%	4.6%	-4.7%
5179	Other telecommunications	60	1.09	1.4%	21.6%	1.3%	22.2%
3259	Misc. Chemicals	60	1.05	1.3%	2.9%	1.7%	0.6%
3333	Commercial & Service Machinery	50	0.90	1.2%	-6.9%	0.8%	-4.3%
5172	Wireless Telecom Carriers	50	0.47	1.1%	-4.3%	0.9%	0.1%
3254	Pharmaceuticals	40	0.21	0.9%	-0.8%	2.1%	-0.1%
3343	Audio & Video Equipment	30	2.04	0.6%	5.5%	0.6%	8.3%
3399	Misc. Manufacturing	30	0.14	0.6%	1.3%	0.4%	2.6%
5152	Cable and Other Subscription Programming	30	0.55	0.6%	34.9%	0.7%	40.0%
3342	Communications Equipment	30	0.37	0.6%	1.4%	0.6%	5.1%
3341	Computer Equipment	20	0.22	0.5%	6.3%	0.9%	7.7%
3359	Misc. Electrical Equipment	20	0.23	0.4%	1.7%	0.2%	-3.1%
3351	Electrical Lighting Equipment	20	0.58	0.4%	0.0%	0.2%	-6.0%
3364	Aircraft Products & Parts	20	0.05	0.4%	21.1%	0.3%	14.4%
Advanced industries manufacturing		940	0.25	21.0%	3.0%	21.7%	4.3%
Advanced industries energy		260	0.61	5.9%	-3.5%	14.3%	0.6%
Advanced industries services		3,250	0.77	73.1%	-0.6%	63.9%	0.2%
ADVANCED INDUSTRIES TOTAL		4,450	0.53	100.0%	-0.1%	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.