

Portland, ME

Advanced industries employ

21,719

full-time workers. (2015)

These direct jobs supports an additional

17,380

indirect jobs in other industries in the region.

Advanced industries produce

\$2.4

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

Advanced industries pay, on average

\$74,796

dollars per year (2015).

Advanced industries directly account for

7.8%

of all jobs in the region.

This employment share is

#83

among all small metros.

This accounts for

10.3%

of all output in the region (2015).

This compares to average pay of

\$47,430

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOB

RANK:
#191

2.70%

RANK:
#127

2.46%

1.88%

0.28%

Portland, ME

U.S.

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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.

Portland, ME

Twenty-Five Largest Advanced Industries (2015)

There are 4 advanced industries in Portland, ME 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
3366	Ships & Boats	5,020	19.77	23.1%	-0.9%	1.9%	13.6%	-7.3%	1.0%
5413	Engineering	3,070	1.15	14.1%	1.8%	1.2%	12.8%	-0.4%	0.7%
5415	Computer Systems Design	3,060	0.85	14.1%	7.4%	5.0%	15.5%	8.3%	8.6%
5416	Management Consulting	1,720	0.71	7.9%	3.7%	3.4%	8.1%	-2.2%	-4.2%
3364	Aircraft Products & Parts	1,640	1.78	7.6%	1.6%	2.3%	4.7%	-6.2%	-0.7%
3254	Pharmaceuticals	1,570	2.98	7.2%	5.2%	4.7%	11.6%	-6.4%	1.6%
3344	Semiconductors	1,170	1.67	5.4%	-1.1%	-4.0%	8.6%	7.8%	0.4%
6215	Medical and Diagnostic Laboratories	700	1.43	3.2%	3.9%	2.9%	1.6%	3.1%	-0.3%
2211	Power Generation & Supply	580	0.77	2.7%	-7.4%	-3.9%	6.2%	-4.2%	-13.6%
5191	Web Search Portals and Internet Publishing	370	0.81	1.7%	2.4%	5.7%	1.0%	-8.2%	13.9%
3391	Medical Equipment & Supplies	320	0.56	1.5%	0.8%	7.4%	1.7%	-7.6%	13.6%
3339	General Purpose Machinery	320	0.63	1.5%	4.1%	-5.5%	1.3%	0.6%	-5.8%
3399	Misc. Manufacturing	250	0.46	1.1%	9.7%	4.5%	0.5%	-4.6%	6.5%
3345	Precision Instruments	230	0.31	1.1%	-2.7%	-2.9%	1.3%	5.6%	-3.2%
5417	R&D Services	230	0.18	1.1%	-8.7%	-11.3%	2.2%	-3.6%	-0.7%
5182	Data Processing & Hosting	210	0.38	1.0%	5.4%	-1.2%	1.3%	-39.0%	8.1%
3279	Stone & Mineral Products	200	1.39	0.9%	4.0%	13.3%	0.7%	8.9%	10.2%
3241	Petroleum & Coal Products	120	0.57	0.5%	-2.7%	1.7%	0.8%	-24.8%	11.7%
3342	Communications Equipment	110	0.66	0.5%	-15.5%	-9.0%	0.9%	-7.8%	-30.3%
3332	Industrial Machinery	100	0.45	0.4%	4.1%	3.9%	0.5%	-6.7%	8.8%
5179	Other telecommunications	80	0.52	0.4%	21.5%	-8.2%	0.6%	19.0%	-14.7%
3362	Motor Vehicle Body & Trailers	70	0.25	0.3%	1.5%	2.2%	0.3%	19.9%	0.6%
5112	Software Products	70	0.11	0.3%	20.2%	44.6%	0.6%	13.5%	54.0%
3336	Engine & Power Equipment	70	0.34	0.3%	7.2%	1.6%	0.5%	1.8%	1.2%
3359	Misc. Electrical Equipment	60	0.26	0.3%	-10.4%	0.0%	0.0%	-20.7%	-2.9%
IFG	Advanced industries manufacturing	11,590	1.10	53.4%	0.3%	1.5%	49.6%	-4.4%	0.3%
	Advanced industries energy	580	0.49	2.7%	-7.4%	-3.9%	6.2%	-4.2%	-13.6%
	Advanced industries services	9,550	0.76	44.0%	3.8%	2.7%	44.2%	-1.1%	2.8%
	ADVANCED INDUSTRIES TOTAL	21,720	0.89	100.0%	1.5%	1.9%	100.0%	-3.1%	0.3%

† 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.