

Vermont

Advanced industries employ

25,790

full-time workers. (2013)

These direct jobs supports an additional

20,630

indirect jobs in other industries in
the region.

Advanced industries produce

\$3.9

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

Advanced industries pay, on average

\$71,440

dollars per year (2013).

Advanced industries directly
account for

8.0%

of all jobs in the region.

This employment share is

#27

among all states.

This accounts for

14.1%

of all output in the region (2013).

This compares to average pay of

\$41,180

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-0.3%

Vermont

U.S.

0.3%

Vermont

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.

Vermont

Twenty-Five Largest Advanced Industries (2013)

There are 10 advanced industries in Vermont 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
3344	Semiconductors	4,660	5.51	18.1%	-2.8%	17.8%	-1.8%
5415	Computer Systems Design	3,410	0.89	13.2%	2.3%	13.3%	3.7%
5413	Architecture & Engineering	2,280	0.75	8.8%	5.3%	7.3%	6.1%
5416	Management Consulting	2,200	0.82	8.5%	-0.7%	7.3%	-1.3%
2211	Power Generation & Supply	1,690	1.89	6.5%	0.0%	17.5%	2.0%
3345	Precision Instruments	1,620	1.82	6.3%	-0.9%	6.2%	-1.0%
3364	Aircraft Products & Parts	1,160	1.03	4.5%	2.1%	4.0%	-7.2%
3399	Misc. Manufacturing	950	1.54	3.7%	2.1%	2.9%	3.7%
3359	Misc. Electrical Equipment	780	2.74	3.0%	6.0%	2.7%	3.3%
3332	Industrial Machinery	700	2.89	2.7%	1.7%	1.8%	2.2%
3279	Stone & Mineral Products	620	3.93	2.4%	-0.2%	1.2%	-2.0%
5112	Software Products	550	0.82	2.1%	7.5%	2.8%	12.1%
3254	Pharmaceuticals	530	0.85	2.1%	16.2%	1.6%	21.8%
3363	Motor Vehicle Parts	510	0.44	2.0%	0.9%	1.2%	12.5%
3391	Medical Equipment & Supplies	480	0.69	1.9%	-18.9%	1.9%	-18.2%
3351	Electrical Lighting Equipment	460	4.30	1.8%	1.6%	1.4%	-2.2%
5191	Web Search Portals and Internet Publishing	420	0.96	1.6%	0.2%	0.8%	1.7%
3339	General Purpose Machinery	410	0.72	1.6%	1.2%	1.0%	2.3%
3333	Commercial & Service Machinery	370	1.87	1.4%	-3.3%	0.9%	-3.7%
5417	R&D Services	360	0.25	1.4%	2.8%	1.6%	5.8%
3271	Clay Product and Refractory Manufacturing	220	2.49	0.8%	-1.3%	0.4%	-3.1%
5182	Data Processing & Hosting	210	0.35	0.8%	-26.7%	0.6%	-21.8%
3361	Motor Vehicles	120	0.29	0.5%	1.1%	0.4%	13.7%
3252	Resins & Synthetic Rubbers	100	0.49	0.4%	0.3%	0.2%	4.4%
3369	Misc. Transportation Equipment	90	1.30	0.4%	1.1%	0.2%	-9.8%
Advanced industries manufacturing		14,380	1.17	55.8%	-1.2%	47.8%	-1.9%
Advanced industries energy		1,700	1.19	6.6%	0.0%	17.5%	2.0%
Advanced industries services		9,700	0.69	37.6%	1.1%	34.7%	2.7%
ADVANCED INDUSTRIES TOTAL		25,790	0.93	100.0%	-0.3%	100.0%	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.