

Denver, CO

Advanced industries employ

134,760

full-time workers. (2013)

These direct jobs supports an additional

107,810

indirect jobs in other industries in the region.

Advanced industries produce

\$30.0

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

Advanced industries pay, on average

\$100,250

dollars per year (2013).

Advanced industries directly account for

10.3%

of all jobs in the region.

This employment share is

#20

among all large metros.

This accounts for

19.8%

of all output in the region (2013).

This compares to average pay of

\$59,360

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

4.2%

2.7%

Denver, CO

U.S.

OUTPUT

5.5%

3.8%

Denver, CO

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.

Denver, CO

Twenty-Five Largest Advanced Industries (2013)

There are 10 advanced industries in Denver, CO 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
5413	Architecture & Engineering	27,830	2.24	20.7%	3.7%	12.1%	3.5%
5415	Computer Systems Design	27,410	1.74	20.3%	7.2%	15.2%	7.7%
5416	Management Consulting	15,250	1.39	11.3%	7.7%	6.9%	6.2%
2111	Oil & Gas Extraction	6,600	3.61	4.9%	6.6%	19.9%	12.4%
3364	Aircraft Products & Parts	6,080	1.32	4.5%	-1.7%	2.6%	-5.7%
5112	Software Products	6,000	2.17	4.5%	2.9%	6.8%	8.2%
5182	Data Processing & Hosting	5,720	2.31	4.2%	5.8%	3.0%	5.5%
5417	R&D Services	4,620	0.79	3.4%	2.4%	2.7%	3.2%
3391	Medical Equipment & Supplies	4,360	1.54	3.2%	3.0%	2.8%	1.3%
2211	Power Generation & Supply	3,060	0.84	2.3%	0.0%	5.2%	2.6%
6215	Medical and Diagnostic Laboratories	3,030	1.33	2.3%	6.1%	0.9%	8.1%
5152	Cable and Other Subscription Programming	2,770	4.18	2.1%	2.8%	2.6%	8.1%
3399	Misc. Manufacturing	2,040	0.80	1.5%	5.1%	1.1%	3.6%
5191	Web Search Portals and Internet Publishing	2,000	1.10	1.5%	9.5%	1.0%	6.3%
3345	Precision Instruments	1,630	0.45	1.2%	-2.2%	1.0%	-2.6%
5172	Wireless Telecom Carriers	1,420	1.00	1.1%	-1.1%	1.9%	0.9%
3341	Computer Equipment	1,390	0.95	1.0%	0.3%	1.4%	0.7%
3344	Semiconductors	1,390	0.40	1.0%	-1.7%	1.0%	0.6%
3342	Communications Equipment	1,200	1.30	0.9%	-3.7%	0.8%	-2.5%
3339	General Purpose Machinery	1,170	0.49	0.9%	4.0%	0.5%	4.2%
3254	Pharmaceuticals	1,000	0.39	0.7%	4.3%	2.2%	9.0%
3271	Clay Product and Refractory Manufacturing	980	2.72	0.7%	1.5%	0.3%	1.5%
3333	Commercial & Service Machinery	770	0.96	0.6%	0.0%	0.4%	14.9%
3241	Petroleum & Coal Products	680	0.66	0.5%	-2.5%	1.4%	-15.7%
2122	Metal Ore Mining	660	1.61	0.5%	-0.6%	1.3%	7.2%
Advanced industries manufacturing		27,310	0.54	20.3%	0.7%	18.2%	-0.2%
Advanced industries energy		10,330	1.75	7.7%	4.0%	26.4%	9.9%
Advanced industries services		97,120	1.70	72.1%	5.3%	55.4%	5.7%
ADVANCED INDUSTRIES TOTAL		134,760	1.19	100.0%	4.2%	100.0%	5.5%

† 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.