

Napa, CA

Advanced industries employ

2,700

full-time workers. (2013)

These direct jobs supports an additional

2,160

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

\$75,990

dollars per year (2013).

Advanced industries directly
account for

3.7%

of all jobs in the region.

This employment share is

#233

among all small metros.

This accounts for

9.6%

of all output in the region (2013).

This compares to average pay of

\$48,620

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.1%

2.7%

OUTPUT

4.5%

3.8%

Napa, CA

U.S.

Napa, CA

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

VIEW THE FULL REPORT

www.brookings.edu/advancedindustries

SEE THE INTERACTIVE

www.brookings.edu/advancedindustries

FOLLOW US ON TWITTER

@BrookingsMetro | @MarkMuro1 | #AdvIndustries

DATA NOTES

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

Napa, CA

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	470	0.68	17.4%	8.5%	10.0%	8.6%
5416	Management Consulting	400	0.66	14.9%	11.0%	10.0%	9.8%
3254	Pharmaceuticals	290	2.04	10.7%	0.2%	21.2%	2.5%
5417	R&D Services	190	0.59	7.1%	25.3%	5.9%	30.0%
5415	Computer Systems Design	180	0.21	6.7%	-4.0%	5.3%	-3.0%
5179	Other telecommunications	160	3.60	5.8%	-3.2%	9.0%	9.1%
3345	Precision Instruments	130	0.62	4.6%	12.4%	4.2%	19.5%
3339	General Purpose Machinery	110	0.86	4.1%	19.3%	2.1%	20.8%
5191	Web Search Portals and Internet Publishing	100	1.03	3.8%	6.2%	4.8%	7.6%
3359	Misc. Electrical Equipment	90	1.41	3.4%	-7.5%	1.5%	-8.0%
3391	Medical Equipment & Supplies	90	0.56	3.3%	-2.5%	2.4%	1.3%
2211	Power Generation & Supply	80	0.37	2.8%	0.0%	5.1%	-3.4%
5172	Wireless Telecom Carriers	60	0.79	2.3%	26.0%	3.3%	22.7%
3399	Misc. Manufacturing	40	0.28	1.5%	17.0%	0.8%	19.4%
3351	Electrical Lighting Equipment	40	1.60	1.4%	5.7%	0.6%	5.0%
3353	Electrical Equipment	30	0.45	1.2%	3.2%	0.6%	1.2%
3279	Stone & Mineral Products	30	0.84	1.1%	6.3%	0.4%	4.6%
3241	Petroleum & Coal Products	20	0.38	0.8%	-2.9%	2.4%	-21.0%
3332	Industrial Machinery	20	0.40	0.8%	19.2%	0.5%	24.4%
5182	Data Processing & Hosting	20	0.16	0.8%	30.1%	0.7%	30.9%
2111	Oil & Gas Extraction	20	0.17	0.6%	15.6%	3.9%	10.4%
6215	Medical and Diagnostic Laboratories	20	0.13	0.6%	2.2%	0.2%	2.3%
3259	Misc. Chemicals	10	0.33	0.5%	8.4%	0.6%	9.8%
3251	Basic Chemicals	10	0.18	0.5%	13.0%	0.7%	17.3%
3364	Aircraft Products & Parts	10	0.04	0.4%	3.2%	0.3%	2.6%
Advanced industries manufacturing		990	0.35	36.6%	-4.9%	39.9%	0.2%
Advanced industries energy		90	0.28	3.4%	2.3%	9.0%	1.7%
Advanced industries services		1,620	0.51	60.0%	7.5%	51.1%	9.2%
ADVANCED INDUSTRIES TOTAL		2,700	0.43	100.0%	2.1%	100.0%	4.5%

† 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.