

Redding, CA

Advanced industries employ

2,190

full-time workers. (2013)

These direct jobs supports an additional

1,750

indirect jobs in other industries in the region.

Advanced industries produce

\$0.6

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

Advanced industries pay, on average

\$56,040

dollars per year (2013).

Advanced industries directly account for

3.5%

of all jobs in the region.

This employment share is

#243

among all small metros.

This accounts for

8.9%

of all output in the region (2013).

This compares to average pay of

\$38,840

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.6%

2.7%

OUTPUT

5.4%

3.8%

Redding, CA

U.S.

Redding, 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.

Redding, 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	550	0.91	24.9%	5.1%	15.8%	5.2%
5416	Management Consulting	430	0.82	19.6%	16.3%	14.4%	14.9%
6215	Medical and Diagnostic Laboratories	190	1.78	8.9%	-3.7%	3.0%	-4.3%
5172	Wireless Telecom Carriers	130	1.91	5.9%	-4.2%	8.7%	-1.3%
5415	Computer Systems Design	120	0.16	5.4%	-4.4%	4.6%	-3.6%
3279	Stone & Mineral Products	110	3.67	5.2%	1.5%	2.0%	1.2%
2211	Power Generation & Supply	100	0.56	4.5%	8.8%	7.4%	8.0%
3399	Misc. Manufacturing	90	0.76	4.3%	4.7%	2.6%	6.0%
3345	Precision Instruments	80	0.48	3.8%	1.2%	3.5%	4.4%
2111	Oil & Gas Extraction	80	0.90	3.6%	38.1%	23.3%	30.1%
3391	Medical Equipment & Supplies	60	0.46	2.8%	2.2%	2.3%	5.3%
3332	Industrial Machinery	30	0.61	1.3%	-5.2%	0.9%	-1.2%
3339	General Purpose Machinery	30	0.23	1.2%	-4.7%	0.7%	-3.5%
5179	Other telecommunications	30	0.67	1.1%	11.6%	1.8%	32.9%
3363	Motor Vehicle Parts	20	0.07	0.7%	0.0%	0.4%	3.8%
3331	Agri., Constr., Mining Machinery	10	0.12	0.6%	2.7%	0.3%	5.7%
3364	Aircraft Products & Parts	10	0.06	0.6%	17.6%	0.5%	21.0%
5152	Cable and Other Subscription Programming	10	0.38	0.5%	2.9%	1.2%	10.4%
5174	Satellite Telecommunications	10	2.48	0.5%	-29.1%	0.8%	-21.0%
3333	Commercial & Service Machinery	10	0.23	0.4%	-24.6%	0.2%	-25.7%
5182	Data Processing & Hosting	10	0.08	0.4%	-11.5%	0.3%	-12.7%
5417	R&D Services	10	0.03	0.4%	-39.2%	0.4%	-36.8%
3341	Computer Equipment	10	0.11	0.4%	38.7%	0.6%	37.7%
3241	Petroleum & Coal Products	10	0.14	0.3%	-14.0%	1.0%	-29.4%
3254	Pharmaceuticals	10	0.06	0.3%	-40.4%	0.8%	-39.5%
Advanced industries manufacturing		520	0.21	23.7%	-2.0%	16.8%	-6.7%
Advanced industries energy		180	0.63	8.1%	18.6%	30.7%	23.1%
Advanced industries services		1,490	0.54	68.2%	2.9%	52.5%	3.0%
ADVANCED INDUSTRIES TOTAL		2,190	0.40	100.0%	2.6%	100.0%	5.4%

† 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.