

Chico, CA

Advanced industries employ

2,840

full-time workers. (2013)

These direct jobs supports an additional

2,270

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

\$58,480

dollars per year (2013).

Advanced industries directly account for

3.6%

of all jobs in the region.

This employment share is

#237

among all small metros.

This accounts for

8.5%

of all output in the region (2013).

This compares to average pay of

\$37,500

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

0.5%

Chico, CA

U.S.

OUTPUT

3.8%

-0.4%

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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.

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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	430	0.58	15.2%	19.5%	9.9%	20.9%
5415	Computer Systems Design	410	0.43	14.4%	8.6%	12.8%	11.0%
5416	Management Consulting	290	0.43	10.0%	-5.1%	7.6%	-5.4%
2211	Power Generation & Supply	270	1.25	9.6%	-1.3%	18.2%	-1.6%
3331	Agri., Constr., Mining Machinery	260	1.90	9.3%	3.7%	5.0%	8.2%
3399	Misc. Manufacturing	190	1.22	6.6%	-1.2%	4.1%	1.1%
3391	Medical Equipment & Supplies	110	0.63	3.8%	-13.6%	3.2%	-10.4%
6215	Medical and Diagnostic Laboratories	100	0.74	3.6%	4.3%	1.2%	3.7%
5179	Other telecommunications	90	1.99	3.3%	-9.4%	4.8%	-2.3%
3342	Communications Equipment	70	1.34	2.6%	6.7%	2.4%	10.2%
5182	Data Processing & Hosting	70	0.47	2.4%	-11.9%	2.1%	-11.7%
5417	R&D Services	60	0.17	2.2%	-1.6%	2.0%	3.2%
3241	Petroleum & Coal Products	60	0.92	2.0%	11.6%	6.2%	-9.0%
5112	Software Products	50	0.33	1.9%	-13.0%	6.2%	-3.5%
3332	Industrial Machinery	50	0.80	1.7%	-18.9%	1.1%	-15.4%
3315	Foundries	30	0.48	1.2%	0.0%	0.2%	0.2%
5152	Cable and Other Subscription Programming	30	0.78	1.1%	-8.9%	2.5%	-2.2%
3311	Iron & Steel Products	30	0.55	1.0%	67.1%	0.5%	75.5%
3339	General Purpose Machinery	30	0.20	1.0%	-5.3%	0.6%	-4.3%
3353	Electrical Equipment	20	0.29	0.8%	-9.5%	0.4%	-10.2%
3333	Commercial & Service Machinery	20	0.46	0.8%	-7.7%	0.5%	-6.2%
5172	Wireless Telecom Carriers	20	0.25	0.7%	-18.6%	1.0%	-24.7%
3254	Pharmaceuticals	20	0.12	0.7%	-9.9%	2.0%	-6.4%
3341	Computer Equipment	20	0.19	0.6%	9.4%	0.9%	16.5%
5174	Satellite Telecommunications	20	3.18	0.6%	-8.7%	0.9%	-9.6%
Advanced industries manufacturing		980	0.32	34.5%	-1.8%	29.1%	-2.4%
Advanced industries energy		280	0.79	9.8%	-1.5%	19.3%	-3.3%
Advanced industries services		1,580	0.46	55.7%	2.4%	51.6%	2.0%
ADVANCED INDUSTRIES TOTAL		2,840	0.42	100.0%	0.5%	100.0%	-0.4%

† 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.