

Madera, CA

Advanced industries employ

1,730

full-time workers. (2013)

These direct jobs supports an additional

1,380

indirect jobs in other industries in the region.

Advanced industries produce

\$0.5

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

Advanced industries pay, on average

\$59,610

dollars per year (2013).

Advanced industries directly account for

3.6%

of all jobs in the region.

This employment share is

#238

among all small metros.

This accounts for

10.4%

of all output in the region (2013).

This compares to average pay of

\$38,200

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

7.4%

2.7%

Madera, CA

U.S.

OUTPUT

6.7%

3.8%

Madera, 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

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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
3333	Commercial & Service Machinery	220	7.36	12.6%	17.1%	7.1%	19.2%
3363	Motor Vehicle Parts	190	1.08	10.8%	20.2%	5.5%	25.7%
5416	Management Consulting	160	0.40	9.3%	-1.8%	6.2%	-2.5%
2211	Power Generation & Supply	150	1.10	8.4%	18.4%	14.2%	16.1%
5413	Architecture & Engineering	110	0.25	6.6%	0.0%	3.8%	0.7%
3279	Stone & Mineral Products	110	4.74	6.4%	-5.1%	2.3%	-5.4%
5179	Other telecommunications	80	2.77	4.6%	58.1%	6.2%	89.0%
3364	Aircraft Products & Parts	80	0.46	4.5%	9.8%	3.8%	14.9%
3339	General Purpose Machinery	70	0.83	4.2%	2.4%	2.4%	4.4%
2111	Oil & Gas Extraction	70	0.99	3.8%	5.0%	23.1%	-0.3%
3359	Misc. Electrical Equipment	60	1.46	3.6%	4.7%	1.5%	4.6%
5172	Wireless Telecom Carriers	60	1.15	3.5%	1.1%	4.4%	3.8%
3271	Clay Product and Refractory Manufacturing	50	3.42	2.6%	-5.3%	0.9%	-1.5%
3331	Agri., Constr., Mining Machinery	40	0.52	2.5%	20.7%	1.3%	27.4%
3345	Precision Instruments	40	0.29	2.3%	6.8%	1.8%	11.6%
3351	Electrical Lighting Equipment	30	1.62	1.5%	20.1%	0.6%	19.4%
3241	Petroleum & Coal Products	20	0.63	1.4%	14.5%	4.0%	-6.3%
5415	Computer Systems Design	20	0.04	1.3%	4.8%	1.0%	7.0%
3353	Electrical Equipment	20	0.41	1.2%	15.4%	0.5%	15.0%
5152	Cable and Other Subscription Programming	20	0.78	1.1%	-12.1%	2.0%	-5.0%
3254	Pharmaceuticals	10	0.15	0.8%	-2.3%	1.8%	-0.1%
3344	Semiconductors	10	0.11	0.8%	0.0%	0.7%	6.5%
3332	Industrial Machinery	10	0.31	0.6%	11.2%	0.4%	18.3%
3391	Medical Equipment & Supplies	10	0.11	0.6%	6.9%	0.5%	11.5%
3399	Misc. Manufacturing	10	0.11	0.6%	35.7%	0.3%	43.2%
Advanced industries manufacturing		1,040	0.56	60.2%	8.9%	38.1%	9.1%
Advanced industries energy		210	0.99	12.3%	13.5%	37.3%	4.8%
Advanced industries services		480	0.23	27.6%	2.2%	24.6%	6.2%
ADVANCED INDUSTRIES TOTAL		1,730	0.42	100.0%	7.4%	100.0%	6.7%

† 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.