

## Madera, CA

Advanced industries employ

**1,330**

full-time workers. (2015)

These direct jobs supports an additional

**1,060**

indirect jobs in other industries in the region.

Advanced industries produce

**\$0.5**

billion dollars in output in the region. (2015, 2009 Chained)

Advanced industries pay, on average

**\$80,609**

dollars per year (2015).

Advanced industries directly account for

**2.8%**

of all jobs in the region.

This employment share is

**#266**

among all small metros.

This accounts for

**9.2%**

of all output in the region (2015).

This compares to average pay of

**\$41,141**

for all industries (2015).

Advanced industry annual average growth, 2013-2015

**OUTPUT**

RANK:  
#247

2.70%

**JOBS**

RANK:  
#272

2.46%

-1.87%

Madera, CA

U.S.

-4.06%

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

#### VIEW THE FULL REPORT

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#### DATA NOTES

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

# Madera, CA

## Twenty-Five Largest Advanced Industries (2015)

There are 6 advanced industries in Madera, CA with LQs over 1.5. LQs over 1.5 indicate specialization †

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2015)	Industry Location Quotient (LQ) † 2015	Industry Share of Total Advanced Industries Employment (2015)	Industry Employment Annual Growth		Industry Share of Total Advanced Industries Output (2015)	Industry Output Annual Growth	
					2010-2013	2013-2015		2010-2013	2013-2015
3241	Petroleum & Coal Products	240	6.67	17.9%	48.6%	6.5%	6.1%	-8.9%	10.2%
2211	Power Generation & Supply	120	0.96	9.2%	19.2%	-9.1%	11.6%	14.9%	-5.6%
5416	Management Consulting	120	0.28	8.6%	-2.6%	-15.0%	5.1%	-4.0%	-6.6%
3364	Aircraft Products & Parts	80	0.48	5.7%	-1.7%	-0.7%	4.9%	6.4%	15.5%
5413	Engineering	70	0.16	5.6%	-0.6%	-19.1%	3.3%	-0.2%	-5.5%
3332	Industrial Machinery	70	1.96	5.4%	-17.0%	0.7%	0.5%	18.9%	10.4%
3279	Stone & Mineral Products	70	2.90	5.3%	-20.1%	0.0%	3.2%	-5.0%	8.6%
2111	Oil & Gas Extraction	60	0.91	4.3%	23.6%	5.7%	16.7%	5.8%	-19.5%
5179	Other telecommunications	60	2.15	4.3%	94.0%	-11.6%	6.1%	128.5%	-0.3%
3333	Commercial & Service Machinery	60	1.93	4.2%	-16.2%	-3.4%	9.0%	22.5%	10.0%
5172	Wireless Telecom Carriers	50	1.12	3.7%	0.0%	18.3%	7.7%	5.0%	24.9%
3363	Motor Vehicle Parts	40	0.22	3.1%	-12.4%	-2.4%	5.5%	21.9%	5.3%
3339	General Purpose Machinery	30	0.39	2.6%	-18.0%	-4.1%	2.7%	1.2%	-1.9%
3271	Clay Product and Refractory Manufacturing	30	2.41	2.3%	-22.4%	-7.2%	1.2%	-0.7%	10.9%
3336	Engine & Power Equipment	30	0.84	2.1%	-16.2%	-7.9%	0.2%	7.6%	-9.0%
3331	Agri., Constr., Mining Machinery	30	0.34	2.0%	-10.6%	-6.9%	2.0%	25.2%	8.6%
3359	Misc. Electrical Equipment	20	0.57	1.8%	-6.9%	-2.0%	2.0%	-1.2%	16.1%
5415	Computer Systems Design	20	0.04	1.8%	3.1%	2.2%	1.2%	8.8%	9.8%
3353	Electrical Equipment	10	0.30	1.1%	-11.4%	-6.5%	0.7%	10.5%	10.9%
3351	Electrical Lighting Equipment	10	0.83	1.0%	-9.7%	-3.6%	1.0%	19.3%	28.9%
5152	Cable and Other Subscription Programming	10	0.64	1.0%	-13.7%	-15.0%	1.8%	-6.2%	-11.9%
3254	Pharmaceuticals	10	0.11	0.8%	-16.2%	0.0%	2.5%	0.7%	8.2%
3366	Ships & Boats	10	0.21	0.7%	-3.9%	6.1%	0.1%	25.1%	-5.9%
3361	Motor Vehicles	10	0.12	0.6%	0.0%	26.5%	0.4%	27.4%	-14.4%
3344	Semiconductors	10	0.06	0.5%	-25.6%	0.0%	0.4%	-5.4%	-15.5%
IFG	Advanced industries manufacturing	800	0.44	60.5%	-7.6%	0.3%	45.9%	5.7%	7.0%
	Advanced industries energy	180	0.88	13.5%	19.8%	-5.4%	28.3%	8.5%	-14.5%
	Advanced industries services	350	0.16	26.0%	2.0%	-11.8%	25.8%	6.2%	1.5%
	<b>ADVANCED INDUSTRIES TOTAL</b>	<b>1,330</b>	<b>0.32</b>	<b>100.0%</b>	<b>-2.3%</b>	<b>-4.1%</b>	<b>100.0%</b>	<b>6.8%</b>	<b>-1.9%</b>

† 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.