

## Napa, CA

Advanced industries employ

**2,651**

full-time workers. (2015)

These direct jobs supports an additional

**2,120**

indirect jobs in other industries in the region.

Advanced industries produce

**\$0.7**

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

Advanced industries pay, on average

**\$89,527**

dollars per year (2015).

Advanced industries directly account for

**3.4%**

of all jobs in the region.

This employment share is

**#244**

among all small metros.

This accounts for

**8.8%**

of all output in the region (2015).

This compares to average pay of

**\$53,028**

for all industries (2015).

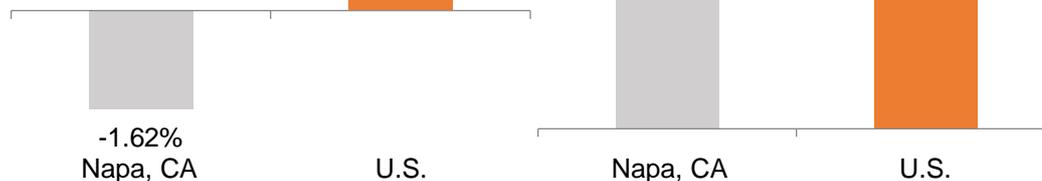
Advanced industry annual average growth, 2013-2015

### OUTPUT

RANK: #244  
2.70%

### JOBS

RANK: #153  
2.46%



### 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.

# Napa, CA

## Twenty-Five Largest Advanced Industries (2015)

There are 2 advanced industries in Napa, 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
5416	Management Consulting	480	0.72	18.1%	11.5%	8.6%	11.5%	8.3%	8.8%
5413	Engineering	470	0.64	17.7%	9.1%	-0.5%	10.1%	7.8%	0.5%
5415	Computer Systems Design	280	0.28	10.4%	-3.8%	22.1%	7.1%	-1.1%	18.4%
5417	R&D Services	220	0.63	8.1%	25.6%	5.5%	7.1%	28.3%	11.7%
5179	Other telecommunications	120	2.86	4.6%	4.9%	0.8%	11.4%	24.2%	13.6%
3359	Misc. Electrical Equipment	100	1.41	3.6%	3.2%	-1.5%	1.0%	-13.7%	-11.3%
3254	Pharmaceuticals	90	0.60	3.3%	-5.4%	10.6%	17.4%	2.9%	-12.6%
3345	Precision Instruments	80	0.40	3.2%	2.7%	-3.9%	4.5%	23.3%	-2.6%
5172	Wireless Telecom Carriers	80	1.20	3.2%	7.3%	20.3%	6.7%	26.4%	28.5%
3391	Medical Equipment & Supplies	80	0.52	3.1%	-6.8%	-6.0%	1.8%	-3.8%	-8.0%
3339	General Purpose Machinery	60	0.43	2.3%	6.7%	-18.4%	1.6%	18.4%	-12.1%
2211	Power Generation & Supply	60	0.28	2.2%	0.4%	-12.5%	3.1%	-4.7%	-16.3%
3353	Electrical Equipment	60	0.73	2.1%	-1.5%	-6.6%	0.4%	-3.3%	-15.3%
3279	Stone & Mineral Products	50	1.37	2.0%	1.5%	-11.1%	0.3%	5.0%	-14.1%
3351	Electrical Lighting Equipment	50	2.10	2.0%	-0.6%	-1.8%	0.5%	4.3%	-1.5%
5182	Data Processing & Hosting	50	0.33	1.9%	37.0%	68.3%	1.6%	27.2%	71.9%
5112	Software Products	30	0.17	1.1%	-23.4%	79.5%	1.5%	-10.7%	3.0%
3344	Semiconductors	30	0.14	1.0%	3.5%	-6.7%	0.1%	2.9%	2.7%
3332	Industrial Machinery	20	0.41	0.9%	3.8%	12.4%	0.6%	23.2%	6.9%
6215	Medical and Diagnostic Laboratories	20	0.18	0.9%	-5.6%	22.5%	0.3%	-5.5%	18.4%
3241	Petroleum & Coal Products	20	0.40	0.9%	-12.2%	4.7%	2.7%	-23.5%	-0.9%
3271	Clay Product and Refractory Manufacturing	20	1.11	0.9%	-1.9%	-17.8%	0.0%	9.8%	-12.2%
3341	Computer Equipment	20	0.25	0.8%	8.5%	-4.4%	0.5%	1.8%	13.7%
3333	Commercial & Service Machinery	20	0.34	0.6%	10.1%	-10.6%	0.2%	6.3%	-8.8%
2111	Oil & Gas Extraction	10	0.14	0.5%	-11.9%	3.8%	2.6%	-14.8%	-21.7%
IFG	Advanced industries manufacturing	810	0.28	30.6%	0.5%	-6.1%	34.5%	-0.7%	-9.3%
	Advanced industries energy	70	0.22	2.8%	-1.8%	-9.9%	5.7%	-10.2%	-18.8%
	Advanced industries services	1,770	0.51	66.6%	7.7%	6.0%	59.7%	12.0%	6.6%
	<b>ADVANCED INDUSTRIES TOTAL</b>	<b>2,650</b>	<b>0.39</b>	<b>100.0%</b>	<b>4.5%</b>	<b>1.3%</b>	<b>100.0%</b>	<b>3.8%</b>	<b>-1.6%</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.