

Merced, CA

Advanced industries employ

2,054

full-time workers. (2015)

These direct jobs supports an additional

1,640

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

\$49,161

dollars per year (2015).

Advanced industries directly account for

2.6%

of all jobs in the region.

This employment share is

#270

among all small metros.

This accounts for

6.7%

of all output in the region (2015).

This compares to average pay of

\$40,515

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK:
#226

2.70%

JOBS

RANK:
#277

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

www.brookings.edu/advancedindustries

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DATA NOTES

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

Merced, CA

Twenty-Five Largest Advanced Industries (2015)

There are 4 advanced industries in Merced, 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	230	3.93	11.2%	21.1%	14.3%	2.0%	-19.7%	-29.7%
5416	Management Consulting	220	0.32	10.8%	14.3%	-13.2%	9.9%	9.6%	0.0%
6215	Medical and Diagnostic Laboratories	140	0.99	6.7%	-1.7%	34.3%	2.1%	0.0%	31.4%
2211	Power Generation & Supply	130	0.63	6.5%	-1.5%	-11.8%	9.2%	-3.9%	-15.5%
5413	Engineering	120	0.15	5.6%	5.0%	2.2%	3.7%	2.7%	6.0%
3315	Foundries	110	1.69	5.5%	26.5%	16.2%	0.0%	-6.6%	-45.8%
3331	Agri., Constr., Mining Machinery	100	0.79	4.9%	-20.2%	-2.4%	5.5%	-1.4%	8.2%
5417	R&D Services	100	0.28	4.9%	25.4%	-14.3%	6.3%	26.1%	6.4%
3366	Ships & Boats	90	1.26	4.4%	2.4%	-5.6%	3.9%	14.0%	-2.7%
3364	Aircraft Products & Parts	80	0.29	3.7%	5.2%	-20.4%	2.6%	-1.4%	23.9%
3313	Aluminum Products	70	2.30	3.6%	24.4%	20.8%	0.0%	-2.4%	-37.2%
3362	Motor Vehicle Body & Trailers	60	0.80	3.1%	8.7%	-5.7%	3.4%	3.3%	20.8%
5172	Wireless Telecom Carriers	60	0.84	2.9%	9.1%	7.4%	5.6%	13.2%	13.5%
3311	Iron & Steel Products	60	1.22	2.8%	34.7%	14.8%	0.1%	62.7%	-30.2%
5179	Other telecommunications	50	1.15	2.4%	62.5%	-17.2%	5.0%	87.6%	-9.3%
3359	Misc. Electrical Equipment	40	0.62	2.1%	0.8%	-2.2%	1.3%	-10.2%	14.6%
3279	Stone & Mineral Products	30	0.81	1.6%	44.2%	3.3%	0.9%	60.2%	7.1%
5415	Computer Systems Design	30	0.03	1.3%	17.8%	-30.6%	2.4%	19.8%	6.3%
3344	Semiconductors	30	0.13	1.2%	-3.3%	-5.5%	3.4%	28.3%	31.1%
3254	Pharmaceuticals	20	0.16	1.2%	-2.5%	-2.0%	1.4%	8.4%	0.0%
3345	Precision Instruments	20	0.11	1.2%	-4.7%	-3.9%	7.5%	33.1%	24.3%
3351	Electrical Lighting Equipment	20	0.93	1.2%	-3.7%	-2.0%	0.9%	8.6%	27.3%
3353	Electrical Equipment	20	0.31	1.2%	-4.2%	-9.0%	0.6%	0.7%	9.5%
3332	Industrial Machinery	20	0.38	1.1%	-7.9%	-15.2%	0.2%	-29.5%	-1.4%
5152	Cable and Other Subscription Programming	20	0.70	1.1%	-14.3%	-32.8%	3.2%	-6.5%	-24.8%
IFG	Advanced industries manufacturing	1,160	0.39	56.5%	2.1%	-2.0%	44.7%	2.8%	6.9%
	Advanced industries energy	150	0.43	7.1%	-1.3%	-10.7%	16.1%	-0.2%	-15.1%
	Advanced industries services	750	0.21	36.5%	9.7%	-7.3%	39.2%	8.5%	-1.1%
	ADVANCED INDUSTRIES TOTAL	2,050	0.30	100.0%	4.5%	-4.7%	100.0%	4.1%	-0.8%

† 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.