

Yuma, AZ

Advanced industries employ

3,110

full-time workers. (2013)

These direct jobs supports an additional

2,490

indirect jobs in other industries in
the region.

Advanced industries produce

\$0.6

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

Advanced industries pay, on average

\$68,120

dollars per year (2013).

Advanced industries directly
account for

4.5%

of all jobs in the region.

This employment share is

#203

among all small metros.

This accounts for

10.2%

of all output in the region (2013).

This compares to average pay of

\$36,470

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.1%

2.7%

Yuma, AZ

U.S.

OUTPUT

2.8%

3.8%

Yuma, AZ

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.

Yuma, AZ

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	1,240	1.89	39.8%	0.9%	25.3%	2.9%
5415	Computer Systems Design	470	0.57	15.1%	1.6%	12.2%	2.3%
3253	Pesticides & Fertilizers	330	18.18	10.6%	5.7%	16.1%	-0.2%
5416	Management Consulting	260	0.45	8.3%	15.2%	5.7%	14.1%
3364	Aircraft Products & Parts	100	0.40	3.1%	7.5%	3.0%	10.3%
3259	Misc. Chemicals	90	2.27	3.0%	-12.2%	4.8%	-6.6%
5152	Cable and Other Subscription Programming	80	2.21	2.5%	-1.7%	4.3%	9.5%
5182	Data Processing & Hosting	80	0.58	2.4%	0.4%	1.4%	-8.2%
2211	Power Generation & Supply	60	0.33	2.0%	-2.0%	8.3%	2.1%
3252	Resins & Synthetic Rubbers	60	1.25	1.8%	5.3%	6.0%	2.4%
5172	Wireless Telecom Carriers	60	0.75	1.8%	-2.8%	2.2%	2.4%
3279	Stone & Mineral Products	30	0.98	1.1%	11.2%	0.6%	7.5%
5417	R&D Services	30	0.10	1.0%	12.1%	0.9%	15.8%
6215	Medical and Diagnostic Laboratories	30	0.25	1.0%	-8.4%	0.5%	-6.6%
3315	Foundries	30	0.46	0.9%	1.2%	0.7%	57.6%
3333	Commercial & Service Machinery	20	0.42	0.6%	4.0%	0.4%	4.9%
5174	Satellite Telecommunications	20	3.85	0.5%	-8.2%	0.9%	-4.0%
2122	Metal Ore Mining	20	0.70	0.5%	14.5%	1.5%	12.7%
3251	Basic Chemicals	10	0.20	0.5%	-2.3%	1.3%	-0.3%
3271	Clay Product and Refractory Manufacturing	10	0.74	0.5%	8.4%	0.1%	-10.0%
3332	Industrial Machinery	10	0.23	0.4%	2.9%	0.3%	5.9%
3391	Medical Equipment & Supplies	10	0.08	0.4%	-2.6%	0.4%	0.4%
3344	Semiconductors	10	0.06	0.4%	6.9%	0.2%	9.0%
3341	Computer Equipment	10	0.12	0.3%	8.7%	0.7%	14.1%
3345	Precision Instruments	10	0.05	0.3%	21.6%	0.2%	21.5%
Advanced industries manufacturing		770	0.29	24.7%	2.6%	36.1%	1.1%
Advanced industries energy		80	0.25	2.5%	0.4%	9.8%	3.5%
Advanced industries services		2,260	0.75	72.8%	2.0%	54.0%	3.8%
ADVANCED INDUSTRIES TOTAL		3,110	0.52	100.0%	2.1%	100.0%	2.8%

† 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.