

Yuma, AZ

Advanced industries employ

2,943

full-time workers. (2015)

These direct jobs supports an additional

2,350

indirect jobs in other industries in the region.

Advanced industries produce

\$0.4

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

Advanced industries pay, on average

\$76,646

dollars per year (2015).

Advanced industries directly account for

4.2%

of all jobs in the region.

This employment share is

#218

among all small metros.

This accounts for

8.1%

of all output in the region (2015).

This compares to average pay of

\$38,358

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK:
#269

2.70%

JOBS

RANK:
#263

2.46%

-3.74%

Yuma, AZ

U.S.

-3.17%

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

VIEW THE FULL REPORT

www.brookings.edu/advancedindustries

SEE THE INTERACTIVE

www.brookings.edu/advancedindustries

FOLLOW US ON TWITTER

@BrookingsMetro | @MarkMuro1 | #AdvIndustries

DATA NOTES

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

Yuma, AZ

Twenty-Five Largest Advanced Industries (2015)

There are 4 advanced industries in Yuma, AZ 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
5413	Engineering	1,220	1.81	41.3%	1.5%	-2.2%	29.2%	1.5%	-6.2%
5415	Computer Systems Design	360	0.40	12.2%	2.1%	-13.4%	11.2%	2.3%	-5.6%
3253	Pesticides & Fertilizers	320	18.12	11.0%	4.8%	0.0%	11.8%	-18.9%	4.2%
5416	Management Consulting	240	0.40	8.2%	15.7%	-3.9%	5.2%	12.8%	-15.4%
3364	Aircraft Products & Parts	90	0.39	3.1%	12.2%	-3.6%	3.3%	7.0%	-3.8%
3259	Misc. Chemicals	80	2.13	2.8%	-13.2%	-4.5%	2.9%	-24.1%	-5.9%
5172	Wireless Telecom Carriers	80	1.20	2.6%	-2.2%	16.2%	3.8%	-0.8%	14.6%
2211	Power Generation & Supply	70	0.37	2.4%	-2.5%	5.4%	8.7%	-0.9%	-5.1%
5182	Data Processing & Hosting	70	0.48	2.3%	1.8%	-6.0%	2.3%	-2.8%	3.1%
3252	Resins & Synthetic Rubbers	50	1.20	1.8%	3.3%	0.0%	3.9%	-16.5%	-3.7%
5152	Cable and Other Subscription Programming	40	1.45	1.5%	-0.8%	-26.2%	3.8%	6.7%	-21.9%
3279	Stone & Mineral Products	40	1.10	1.3%	11.6%	10.4%	1.2%	7.9%	20.9%
5417	R&D Services	40	0.11	1.2%	13.3%	4.6%	1.1%	14.5%	-3.9%
6215	Medical and Diagnostic Laboratories	30	0.23	1.0%	-8.4%	-1.7%	0.6%	-7.8%	2.4%
3315	Foundries	30	0.47	1.0%	2.5%	0.0%	0.5%	59.2%	12.4%
3391	Medical Equipment & Supplies	30	0.19	1.0%	-5.4%	59.5%	0.9%	-1.5%	45.8%
2122	Metal Ore Mining	20	0.93	0.6%	14.5%	9.5%	2.5%	8.8%	18.2%
5174	Satellite Telecommunications	20	4.36	0.6%	-6.5%	-2.8%	1.4%	-6.2%	5.1%
3271	Clay Product and Refractory Manufacturing	20	0.85	0.5%	5.7%	10.9%	0.2%	-10.0%	7.2%
3251	Basic Chemicals	10	0.20	0.5%	-2.3%	0.0%	1.4%	-17.8%	-1.5%
3333	Commercial & Service Machinery	10	0.26	0.4%	3.6%	4.9%	0.3%	3.9%	-1.9%
3344	Semiconductors	10	0.05	0.3%	6.9%	-9.5%	0.5%	14.2%	14.1%
3341	Computer Equipment	10	0.10	0.3%	8.7%	-5.7%	0.6%	19.9%	-17.8%
3345	Precision Instruments	10	0.04	0.3%	21.6%	-5.7%	0.3%	27.0%	13.2%
3362	Motor Vehicle Body & Trailers	10	0.11	0.3%	21.6%	-5.7%	0.2%	10.9%	15.0%
IFG	Advanced industries manufacturing	760	0.28	25.7%	2.4%	0.8%	29.1%	-14.0%	1.7%
	Advanced industries energy	90	0.29	3.0%	0.0%	6.2%	11.1%	0.4%	-1.1%
	Advanced industries services	2,100	0.66	71.3%	2.6%	-4.8%	59.7%	2.7%	-6.5%
	ADVANCED INDUSTRIES TOTAL	2,940	0.48	100.0%	2.5%	-3.2%	100.0%	-3.1%	-3.7%

† 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.