

Louisiana

Advanced industries employ

141,620

full-time workers. (2013)

These direct jobs supports an additional

113,300

indirect jobs in other industries in the region.

Advanced industries produce

\$60.6

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

Advanced industries pay, on average

\$81,070

dollars per year (2013).

Advanced industries directly account for

7.0%

of all jobs in the region.

This employment share is

#36

among all states.

This accounts for

27.3%

of all output in the region (2013).

This compares to average pay of

\$45,210

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

1.1%

-0.7%

Louisiana

U.S.

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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.

Louisiana

Twenty-Five Largest Advanced Industries (2013)

There are 9 advanced industries in Louisiana with LQs over 1.5. LQs over 1.5 indicate specialization †

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	24,510	1.28	17.3%	2.0%	5.0%	2.7%
3251	Basic Chemicals	11,810	5.77	8.3%	-0.8%	19.8%	9.7%
3241	Petroleum & Coal Products	11,560	7.20	8.2%	0.3%	20.4%	-12.7%
3331	Agri., Constr., Mining Machinery	11,160	3.14	7.9%	6.7%	2.5%	7.8%
3366	Ships & Boats	10,030	5.48	7.1%	-5.5%	1.6%	-5.6%
5416	Management Consulting	9,900	0.59	7.0%	5.9%	2.1%	5.1%
2111	Oil & Gas Extraction	9,810	3.48	6.9%	4.7%	21.0%	-2.4%
5415	Computer Systems Design	7,000	0.29	4.9%	-0.5%	1.7%	0.7%
2211	Power Generation & Supply	6,240	1.11	4.4%	-0.6%	5.3%	-1.2%
3252	Resins & Synthetic Rubbers	5,020	3.81	3.5%	2.4%	7.0%	10.8%
3399	Misc. Manufacturing	3,520	0.90	2.5%	5.3%	0.4%	7.9%
3253	Pesticides & Fertilizers	2,680	5.02	1.9%	2.7%	3.5%	9.7%
6215	Medical and Diagnostic Laboratories	2,370	0.67	1.7%	2.5%	0.3%	-0.2%
3259	Misc. Chemicals	1,930	1.63	1.4%	2.1%	2.2%	9.5%
3339	General Purpose Machinery	1,920	0.53	1.4%	5.0%	0.4%	4.1%
3345	Precision Instruments	1,730	0.31	1.2%	0.0%	0.4%	5.3%
3364	Aircraft Products & Parts	1,700	0.24	1.2%	-13.7%	0.4%	-12.3%
5172	Wireless Telecom Carriers	1,600	0.73	1.1%	-5.5%	0.4%	-2.7%
3333	Commercial & Service Machinery	1,570	1.26	1.1%	-0.2%	0.3%	-2.5%
5182	Data Processing & Hosting	1,550	0.40	1.1%	4.4%	0.3%	1.4%
5179	Other telecommunications	1,390	1.15	1.0%	-7.9%	0.4%	-8.0%
3313	Aluminum Products	1,180	1.41	0.8%	12.9%	0.3%	27.0%
5417	R&D Services	1,130	0.12	0.8%	-2.4%	0.3%	0.3%
3369	Misc. Transportation Equipment	1,120	2.47	0.8%	-6.3%	0.2%	-8.2%
3353	Electrical Equipment	1,110	0.54	0.8%	9.1%	0.3%	13.9%
Advanced industries manufacturing		74,120	0.95	52.3%	0.5%	62.5%	-0.6%
Advanced industries energy		16,050	1.77	11.3%	2.5%	26.3%	-2.2%
Advanced industries services		51,450	0.58	36.3%	1.7%	11.2%	2.0%
ADVANCED INDUSTRIES TOTAL		141,620	0.81	100.0%	1.1%	100.0%	-0.7%

† 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.