

Lubbock, TX

Advanced industries employ

6,180

full-time workers. (2013)

These direct jobs supports an additional

4,940

indirect jobs in other industries in
the region.

Advanced industries produce

\$1.8

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

Advanced industries pay, on average

\$52,760

dollars per year (2013).

Advanced industries directly
account for

4.5%

of all jobs in the region.

This employment share is

#205

among all small metros.

This accounts for

13.4%

of all output in the region (2013).

This compares to average pay of

\$38,490

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

1.2%

2.7%

OUTPUT

7.2%

3.8%

Lubbock, TX

U.S.

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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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DATA NOTES

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

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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
5172	Wireless Telecom Carriers	1,070	7.14	17.3%	-6.1%	15.1%	-1.1%
5413	Architecture & Engineering	890	0.68	14.4%	0.6%	7.5%	0.3%
3339	General Purpose Machinery	480	1.92	7.7%	3.4%	5.3%	9.1%
2211	Power Generation & Supply	450	1.18	7.3%	3.7%	18.4%	13.1%
5415	Computer Systems Design	370	0.23	6.1%	30.1%	4.4%	31.5%
5416	Management Consulting	360	0.31	5.8%	13.0%	3.4%	12.2%
3331	Agri., Constr., Mining Machinery	350	1.43	5.6%	11.1%	4.5%	18.0%
6215	Medical and Diagnostic Laboratories	320	1.35	5.2%	0.4%	1.5%	0.3%
5112	Software Products	320	1.11	5.2%	-3.4%	6.4%	1.9%
2111	Oil & Gas Extraction	220	1.16	3.6%	24.3%	13.7%	29.5%
5152	Cable and Other Subscription Programming	190	2.70	3.0%	-2.0%	2.7%	12.7%
5182	Data Processing & Hosting	130	0.51	2.2%	-4.8%	1.2%	-6.6%
3399	Misc. Manufacturing	130	0.49	2.1%	-4.4%	0.7%	-5.0%
3344	Semiconductors	130	0.35	2.1%	-1.0%	1.7%	1.8%
3341	Computer Equipment	70	0.48	1.2%	-2.6%	2.0%	-0.4%
3336	Engine & Power Equipment	70	0.71	1.1%	3.6%	1.2%	11.2%
5179	Other telecommunications	70	0.83	1.1%	-9.3%	1.1%	-7.7%
3391	Medical Equipment & Supplies	60	0.21	1.0%	-9.9%	0.5%	-10.1%
3342	Communications Equipment	60	0.58	0.9%	-0.6%	0.7%	3.5%
3315	Foundries	50	0.39	0.8%	9.1%	0.4%	19.8%
3253	Pesticides & Fertilizers	40	1.07	0.6%	5.7%	1.4%	3.7%
3359	Misc. Electrical Equipment	40	0.32	0.6%	2.7%	0.3%	-1.6%
5417	R&D Services	40	0.06	0.6%	16.7%	0.4%	17.6%
3251	Basic Chemicals	30	0.22	0.5%	-9.9%	1.2%	-9.0%
3364	Aircraft Products & Parts	30	0.06	0.5%	-14.5%	0.3%	-9.7%
Advanced industries manufacturing		1,710	0.32	27.7%	0.5%	23.9%	3.1%
Advanced industries energy		670	1.09	10.9%	9.0%	32.1%	19.0%
Advanced industries services		3,790	0.63	61.4%	0.3%	44.0%	3.0%
ADVANCED INDUSTRIES TOTAL		6,180	0.52	100.0%	1.2%	100.0%	7.2%

† 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.