

Odessa, TX

Advanced industries employ

8,440

full-time workers. (2013)

These direct jobs supports an additional

6,750

indirect jobs in other industries in
the region.

Advanced industries produce

\$6.2

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

Advanced industries pay, on average

\$57,890

dollars per year (2013).

Advanced industries directly
account for

11.5%

of all jobs in the region.

This employment share is

#29

among all small metros.

This accounts for

46.6%

of all output in the region (2013).

This compares to average pay of

\$54,840

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

13.5%

2.7%

Odessa, TX

U.S.

OUTPUT

21.1%

3.8%

Odessa, TX

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.

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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
2111	Oil & Gas Extraction	4,750	46.44	56.3%	18.9%	83.8%	23.6%
3331	Agri., Constr., Mining Machinery	1,230	9.55	14.6%	13.1%	4.5%	19.9%
5416	Management Consulting	450	0.74	5.4%	18.3%	1.2%	18.0%
5413	Architecture & Engineering	450	0.64	5.3%	-3.9%	1.1%	-3.9%
3339	General Purpose Machinery	240	1.84	2.9%	8.5%	0.8%	14.3%
3259	Misc. Chemicals	150	3.36	1.7%	5.1%	1.2%	4.1%
3363	Motor Vehicle Parts	120	0.45	1.4%	9.9%	0.4%	20.1%
3399	Misc. Manufacturing	120	0.82	1.4%	12.7%	0.2%	11.6%
3251	Basic Chemicals	90	1.17	1.0%	1.2%	1.0%	2.9%
3336	Engine & Power Equipment	80	1.58	1.0%	13.3%	0.4%	21.4%
6215	Medical and Diagnostic Laboratories	80	0.64	1.0%	7.0%	0.1%	7.5%
3241	Petroleum & Coal Products	70	1.25	0.9%	7.4%	1.5%	13.3%
3345	Precision Instruments	70	0.36	0.9%	6.8%	0.3%	9.4%
3332	Industrial Machinery	70	1.27	0.8%	11.1%	0.2%	16.0%
5172	Wireless Telecom Carriers	60	0.72	0.7%	-11.1%	0.2%	-6.2%
3252	Resins & Synthetic Rubbers	60	1.17	0.7%	8.4%	0.6%	9.1%
2211	Power Generation & Supply	60	0.27	0.7%	12.1%	0.6%	20.1%
3254	Pharmaceuticals	40	0.29	0.5%	7.5%	0.7%	7.5%
5415	Computer Systems Design	40	0.04	0.5%	0.0%	0.1%	1.2%
5152	Cable and Other Subscription Programming	40	0.94	0.4%	-5.1%	0.1%	9.2%
3353	Electrical Equipment	30	0.40	0.4%	1.1%	0.1%	-1.4%
3253	Pesticides & Fertilizers	20	1.08	0.2%	9.5%	0.2%	6.9%
5417	R&D Services	20	0.05	0.2%	2.3%	0.0%	3.2%
3341	Computer Equipment	10	0.16	0.2%	5.7%	0.1%	7.4%
3391	Medical Equipment & Supplies	10	0.08	0.1%	2.9%	0.0%	1.8%
Advanced industries manufacturing		2,470	0.87	29.3%	10.3%	12.4%	12.7%
Advanced industries energy		4,810	14.59	57.0%	18.8%	84.4%	23.5%
Advanced industries services		1,160	0.36	13.7%	3.1%	3.2%	3.9%
ADVANCED INDUSTRIES TOTAL		8,440	1.33	100.0%	13.5%	100.0%	21.1%

† 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.