

Tyler, TX

Advanced industries employ

5,967

full-time workers. (2015)

These direct jobs supports an additional

4,770

indirect jobs in other industries in the region.

Advanced industries produce

\$2.1

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

Advanced industries pay, on average

\$80,549

dollars per year (2015).

Advanced industries directly account for

5.7%

of all jobs in the region.

This employment share is

#158

among all small metros.

This accounts for

17.9%

of all output in the region (2015).

This compares to average pay of

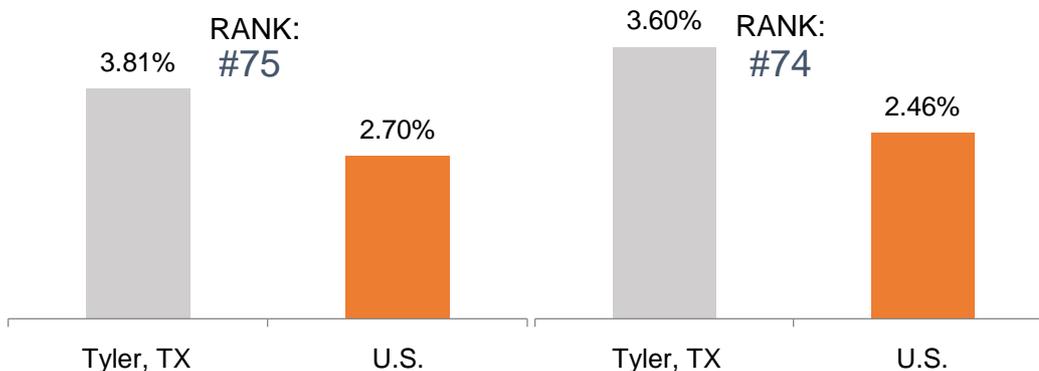
\$42,958

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS



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

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DATA NOTES

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

Tyler, TX

Twenty-Five Largest Advanced Industries (2015)

There are 12 advanced industries in Tyler, TX 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	1,100	1.09	18.5%	-5.3%	1.4%	7.1%	-6.2%	1.5%
2111	Oil & Gas Extraction	640	4.63	10.7%	-0.4%	-1.3%	40.6%	5.5%	3.9%
3332	Industrial Machinery	600	7.41	10.0%	-15.2%	23.0%	5.8%	-17.4%	24.3%
5416	Management Consulting	520	0.57	8.7%	22.6%	8.1%	3.4%	20.8%	4.9%
3331	Agri., Constr., Mining Machinery	390	2.30	6.5%	-5.5%	22.0%	3.4%	-8.7%	13.1%
3315	Foundries	370	4.13	6.2%	-6.3%	6.8%	1.3%	-0.5%	-3.2%
3313	Aluminum Products	270	6.23	4.5%	-7.1%	6.8%	1.6%	-3.2%	-4.7%
6215	Medical and Diagnostic Laboratories	230	1.22	3.8%	1.8%	-9.3%	1.0%	3.0%	-0.7%
3399	Misc. Manufacturing	200	0.98	3.3%	-4.9%	13.0%	0.8%	-8.2%	14.8%
3241	Petroleum & Coal Products	190	2.47	3.3%	-1.0%	6.8%	12.1%	5.8%	2.6%
5415	Computer Systems Design	160	0.11	2.6%	-1.2%	-8.6%	1.4%	2.3%	1.7%
3311	Iron & Steel Products	150	2.34	2.5%	-7.1%	7.1%	1.9%	2.6%	6.1%
5152	Cable and Other Subscription Programming	140	3.13	2.3%	1.2%	-2.4%	2.4%	17.8%	-0.7%
5172	Wireless Telecom Carriers	140	1.42	2.3%	-0.2%	-20.0%	2.6%	10.8%	10.4%
2211	Power Generation & Supply	100	0.35	1.7%	-4.2%	-5.1%	4.1%	4.3%	-5.2%
5179	Other telecommunications	90	1.56	1.5%	14.9%	3.5%	1.6%	22.0%	2.0%
3391	Medical Equipment & Supplies	70	0.33	1.2%	-1.5%	-6.8%	0.4%	-6.1%	-1.7%
3259	Misc. Chemicals	70	1.20	1.2%	-7.2%	1.5%	1.7%	-10.5%	1.2%
3279	Stone & Mineral Products	60	1.19	1.1%	6.0%	-8.3%	0.4%	13.6%	-6.8%
3271	Clay Product and Refractory Manufacturing	50	1.77	0.8%	-3.3%	3.1%	0.2%	2.2%	1.8%
5112	Software Products	50	0.20	0.8%	-22.5%	-1.0%	1.3%	-11.1%	1.9%
3359	Misc. Electrical Equipment	50	0.49	0.8%	5.2%	-4.1%	0.3%	-1.4%	-2.2%
3339	General Purpose Machinery	40	0.20	0.7%	-4.7%	22.5%	0.3%	-5.2%	14.9%
3369	Misc. Transportation Equipment	40	1.62	0.7%	5.5%	-8.9%	0.3%	19.8%	-21.6%
3364	Aircraft Products & Parts	40	0.11	0.6%	4.8%	-9.1%	0.7%	27.3%	-6.5%
IFG	Advanced industries manufacturing	2,730	0.68	45.7%	-6.6%	10.4%	33.7%	-3.2%	5.8%
	Advanced industries energy	740	1.64	12.4%	-0.9%	-1.8%	44.7%	5.3%	2.9%
	Advanced industries services	2,500	0.52	41.9%	0.1%	-1.1%	21.7%	3.3%	2.7%
	ADVANCED INDUSTRIES TOTAL	5,970	0.65	100.0%	-2.9%	3.6%	100.0%	1.9%	3.8%

† 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.