

2015 ADVANCED INDUSTRIES IN TUCSON, ARIZONA



Source: "America's advanced industries: new trends"
August 4, 2016
Brookings Metropolitan Policy Program

Definition for "Advanced Industries"

- At least \$450 per worker invested annually on research and development (R&D).
- At least 20 percent of the workforce are in occupations focused on science, technology, engineering and math (STEM).

TUCSON'S ADVANCED INDUSTRIES BY WORKFORCE



TOP 10	JOB	JOBS
1. 	aircraft products and parts	10,570
2. 	computer systems design	3,590
3. 	engineering	3,160
4. 	R&D services	2,170
5. 	metal ore mining	1,940
6. 	management consulting	1,700
7. 	software products	1,450
8. 	power generation and supply	1,420
9. 	precision instruments	1,080
10. 	semiconductors	860

SPECIALIZED ADVANCED INDUSTRIES BASED ON 1.5 LQ

LQ=Location quotient = share of workforce in an area compared to the U.S. as a whole. An LQ of 1.5 means the area specializes in the industry.

-  metal ore mining
-  aircraft products and parts
-  magnetic and optical media
-  software products
-  advanced industries energy sector

TUCSON, ARIZONA & PHOENIX

Percentage of total area workforce that is in advanced industries jobs		Percentage of total area output that is created by advanced industries	
TUC	 8.7%	TUC	 16.7%
PHX	 8.2%	PHX	 14.8%
AZ	 8%	AZ	 15.1%

ADVANCED INDUSTRIES WITH HIGHER-THAN-AVERAGE LQ

In addition to specialized advanced industries

-  R&D services
-  precision instruments
-  medical equipment and supplies
-  misc. electrical equipment
-  commercial and service machinery
-  stone and mineral products
-  clay product and refractory manufacturing

TUCSON'S ADVANCED INDUSTRIES PROFILE IN 2015

	Advanced Industries full-time workers	32,958
	Indirect jobs to support these industries	26,370
	Output of advanced industries	\$6.4 bil
	Average yearly pay of advanced industries worker	\$76,034
	Average yearly pay of all workers	\$45,177



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