Advanced Industries in Greater Albuquerque

Welcome AREA Fam Tour Guests









Welcome and Opening Remarks

Alarie Ray-Garcia
Q Station





Advanced Industries

in Greater Albuquerque, New Mexico

Chad Matheson

Interim President & CEO Albuquerque Regional Economic Alliance



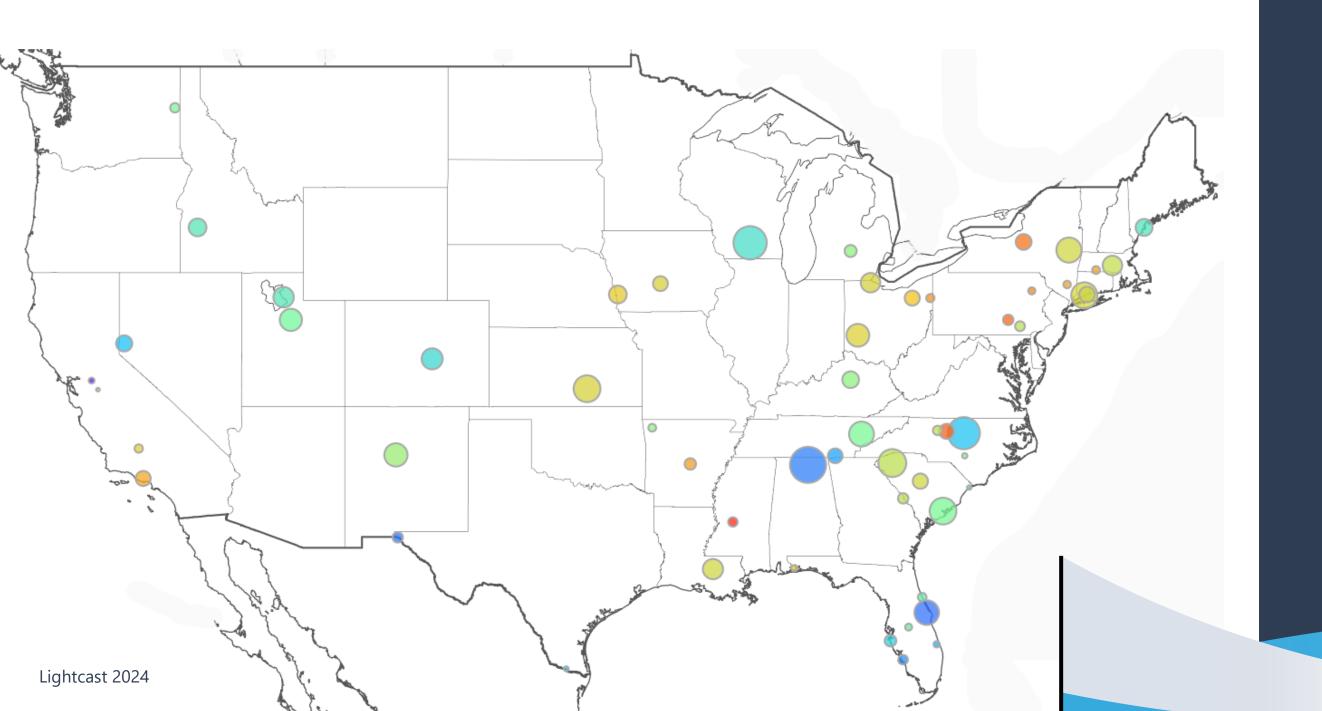
Industry Anchorsand Growth Drivers



Nationwide Distribution

Advanced Industry Presence and Growth

MSAs 500K-1M in population



Why is it important?

Characterized by its deep involvement with technology, R&D, and STEM, the dynamism within advanced industries will be a central component to our future economy and offer pathways to supporting innovative, inclusive, and sustainable growth.

Comparative Rank

In 2024, Greater ABQ ranked 11th nationwide for the count of jobs within advanced industries (43,800) compared to metro areas 500k to 1m in population. From 2019 to 2024, these industries expanded 12%, further deepening our region's identity as a location for advanced industries growth and investment

Top performing Advanced Industries

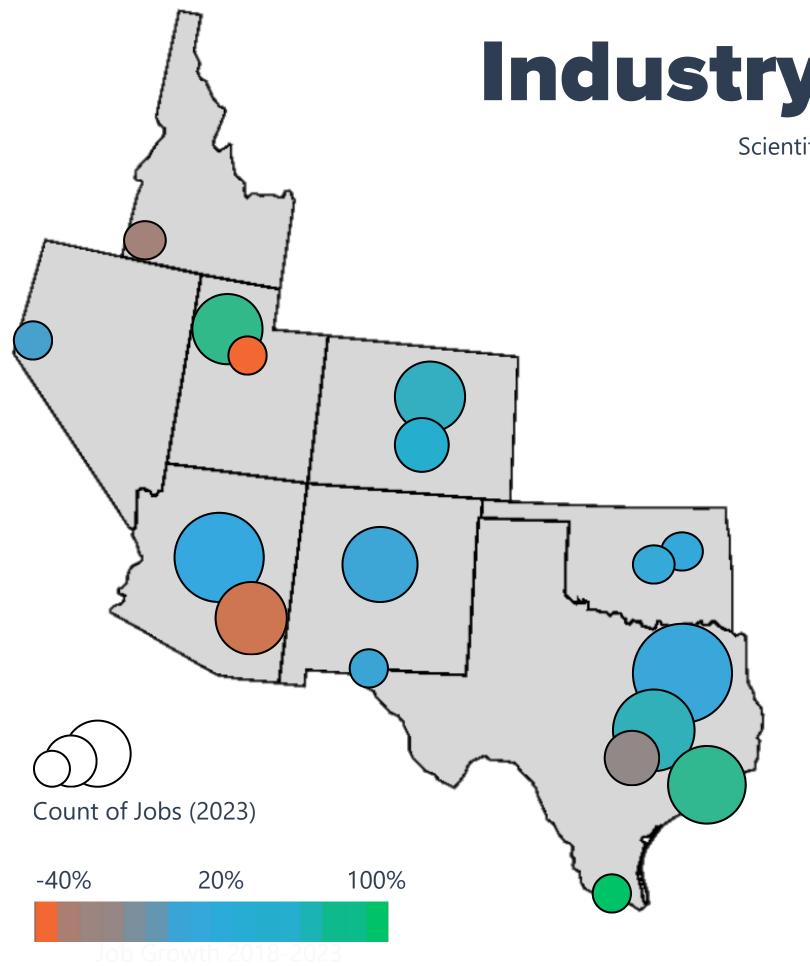
Greater Albuquerque

	2019 Jobs	2024 Jobs	5-year Job Growth (%)
Scientific Research and Development Services	14,418	15,986	11%
Architectural, Engineering, and Related Services	4,477	5,280	18%
Semiconductor and Other Electronic Component Manufacturing	3,405	4,831	42%
Computer Systems Design and Related Services	3,478	4,272	23%
Management, Scientific, and Technical Consulting Services	2,317	3,089	33%
Medical and Diagnostic Laboratories	1,838	1,948	6%
Pharmaceutical and Medicine Manufacturing	700	774	11%
Computing Infrastructure Providers, Data Processing	202	554	174%
Aerospace Product and Parts Manufacturing	382	426	11%
Software Publishers	145	348	140%
Regional Total	31,361	37,506	20%
Share of Total	79%	86%	

Total Advanced Industry Jobs

43,800 Jobs 2024

12%
Job Growth
2019-2024



Industry Presence and Growth

Scientific Research and Development, Semiconductor and Electrical Equipment Manufacturing

Largest Market
Jobs (2024)

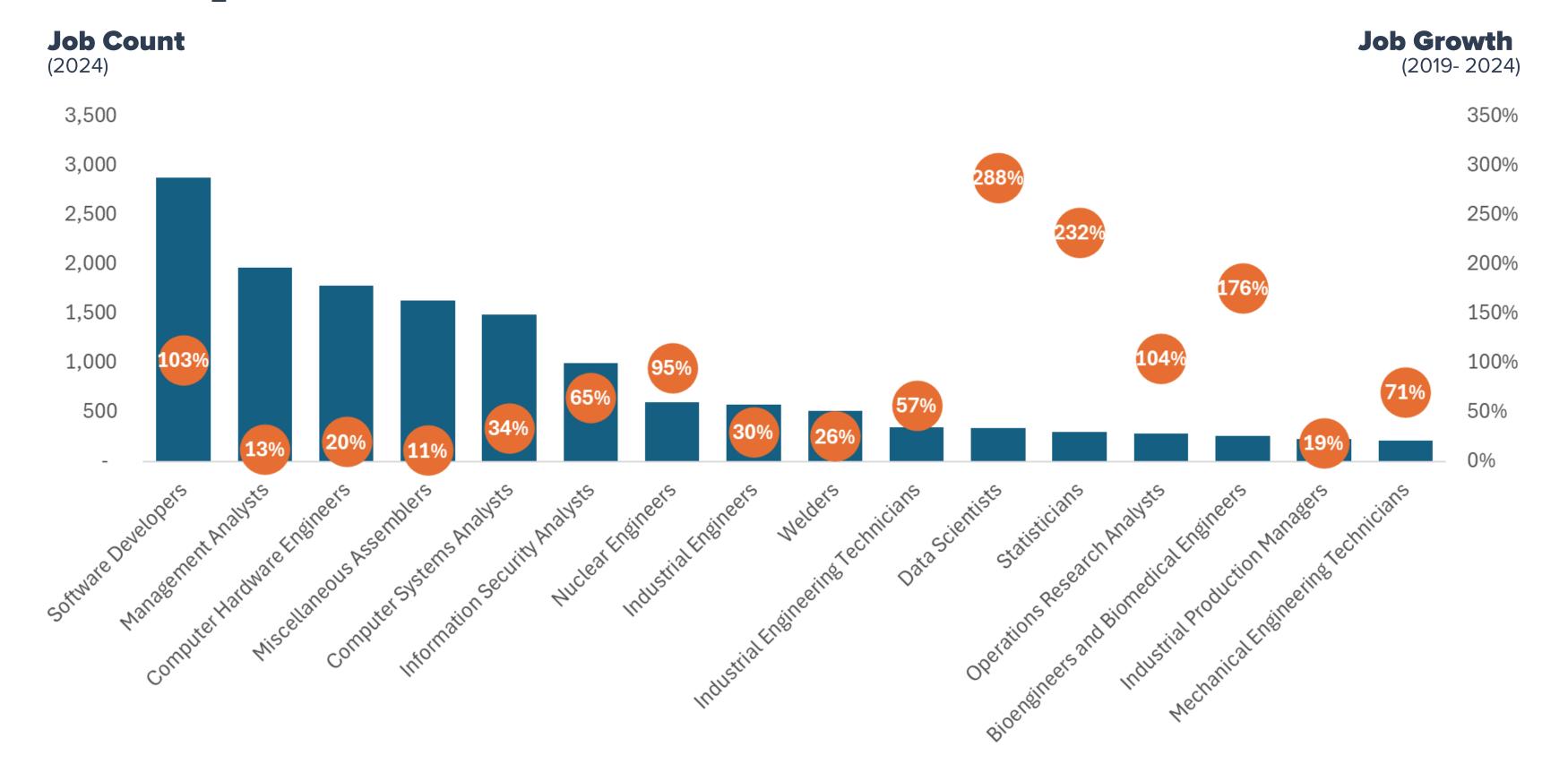
17%Job Growth 2019-2024

More Concentrated
Regional LQ (2024)

	2019 Jobs	2024 Jobs	5-year Job Growth (%)	Regional LQ
Dallas-Fort Worth-Arlington, TX	29,014	35,480	22%	0.9
Phoenix-Mesa-Chandler, AZ	25,287	29,412	16%	1.3
Austin-Round Rock-San Marcos, TX	18,995	25,234	33%	2.1
Albuquerque, NM	17,894	20,900	17 %	5.4
Houston-Pasadena-The Woodlands, TX	14,296	19,866	39%	0.6
Denver-Aurora-Centennial, CO	6,829	9,505	39%	0.6
Salt Lake City-Murray, UT	6,065	8,541	41%	1.1
Boise City, ID	8,320	7,765	-7%	2.1
San Antonio-New Braunfels, TX	3,494	5,670	62%	0.5
Colorado Springs, CO	2,847	3,808	34%	1.3
Tucson, AZ	2,706	2,697	0%	0.7
Oklahoma City, OK	1,367	1,795	31%	0.3
Provo-Orem-Lehi, UT	3,133	1,733	-45%	0.6
Reno, NV	803	826	3%	0.3
Tulsa, OK	659	754	14%	0.2
El Paso, TX	419	486	16%	0.2
McAllen-Edinburg-Mission, TX	Markets	are those with	500k or 1 240%	population 1

Lightcast 2024

Occupational Presence and Growth



Talent Concentrations

Nuclear Engineers



Albuquerque, NM is a hotspot for this kind of talent. The national average for an area this size is 36* employees, while there are 458 here.

Materials Engineers



Albuquerque, NM is a hotspot for this kind of talent. The national average for an area this size is 65* employees, while there are 442 here.

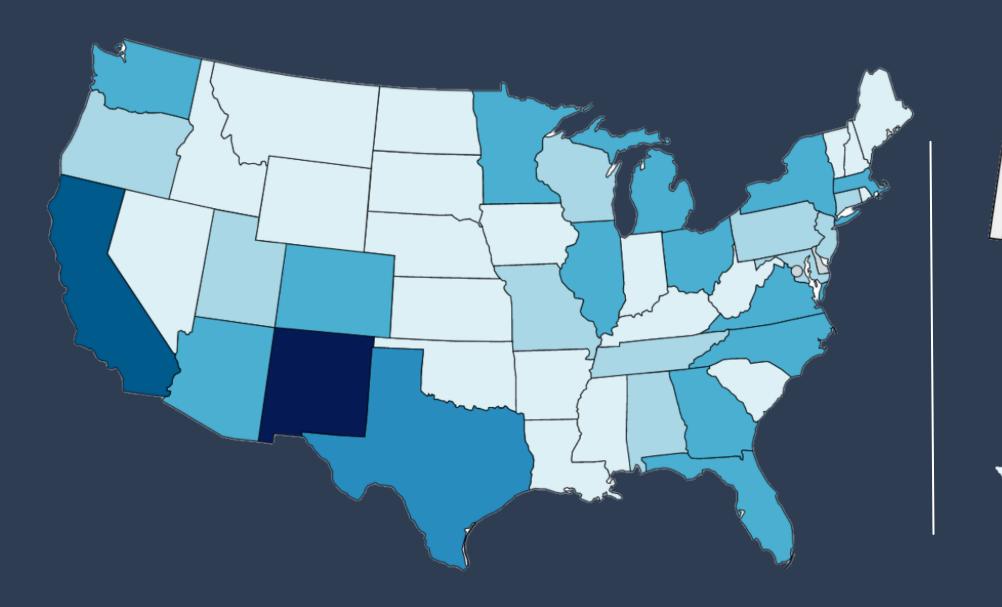
Engineering Technicians



Albuquerque, NM is a hotspot for this kind of talent. The national average for an area this size is 175* employees, while there are 1,093 in greater Albuquerque.

Partnerships: Sandia National Labs

New Mexico Leads the U.S. for number of industry partnership agreements and partners with Sandia National Labs



Top 3 States

State	Agreements	Partners
New Mexico	1,545	609
California	697	258
Texas	384	111



















Talent Development



Talent

Presence of Student Population | Graduate Output (2023)



2,910

Advanced Technology Completions

58%

% Employed in Greater Albuquerque

45%

Master's Degrees + Completions

Top Producers

- UNM 547
- CNM 513
- NMSU 392
- NM Tech 160

*Statewide completions in targeted advanced technology programs. Employed in Greater Albuquerque derived by looking at updated online professional profiles, filtering for those who graduated within one of the targeted programs from an institutions within New Mexico, and are currently employed within the region.

University Spotlight



COSMIAC is an innovative research center at The University of New Mexico (UNM) in Albuquerque, NM. COSMIAC serves as a Tier-2 Research Center at the School of Engineering offering 15,000 square feet of innovation research space including a cleanroom and laboratories.

COSMIAC promotes innovation, including collaborative efforts with government, business and academic institutions on grant and contract proposals. Some of COSMIAC's customers include the US Air Force, NASA, Leidos, Northrop Grumman and SAIC.

COSMIAC: Key Areas of Specialization

- Agile Manufacturing
- C-UAS
- Embedded and Reconfigurable Systems
- RF Systems/Propagation
- Small Satellite Development
- Space Radiation Effects Mitigation
- Virtual Reality and Augmented Reality

Major Thrusts Fueling Talent Development and Economic Investment

- **Quantum New Mexico Institute**
 - Research and breakthroughs from leading minds in Quantum Information Sciences
- Roadrunner to Lead \$25M Quantum Initiative

 The Roadrunner-led Coalition will bring together premier quantum researchers, funders, and innovators to create a quantum campus in Downtown Albuquerque's Innovation District.
- New Mexico at the Quantum Frontier: NM and DARPA forge bold partnership

Under the framework agreement, DARPA and New Mexico may provide matching contributions of up to \$120 million total over four years.

CAMINO construction advances

CAMINO brings together key technology and manufacturing maturation phases spanning foundational materials discovery to component design and initial production

FIRESIDE CHAT



Nora Sackett

NM Technology and
Innovation Office



Mason Martinez



David KistinSandia National Labs



Francisco Pallares
Spaceport America



UPCOMING EVENTS





Annual Dinner & 505 Awards

Celebrating



AREA

Albuquerque Regional Economic Alliance

November 13, 2025
Sandia Resort & Casino
5:30 - 9:30 p.m.
https://www.abq.org/505awards/

Register here





THANK YOU!

