



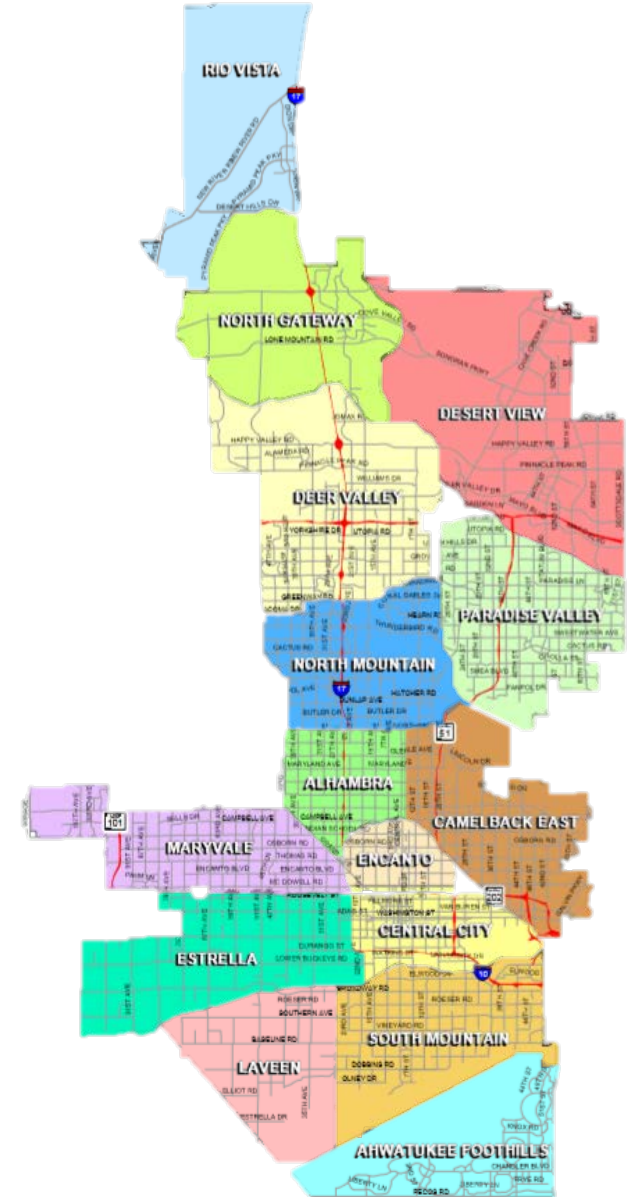
Why is Phoenix so Hot?

Community and Economic Development

CITY OF PHOENIX

Phoenix Is Hot

- 5th Largest City in US
- 517 Square Miles
- 1.7 Million Residents
- Fastest Growing City in the Country 5 Years in a Row
- 2.9% Unemployment Rate March '23



Strengths and Advantages

Decades in the making...



PHOENIX IS HOT

Efficient Transportation System & Modern Infrastructure

Commitment from our Citizens and our Businesses



World Class College System

Supported by strong Phoenix School Districts – Creative educational platforms



ARIZONA STATE
UNIVERSITY



MARICOPA
COMMUNITY COLLEGES



GRAND CANYON
UNIVERSITY™



Job Creation

Target Industries:

Advanced Business Services

Emerging Technologies

International Business/Trade

Manufacturing

Bio/Life Sciences

Software

In 5 years, added 73,000+ jobs



Phoenix Business Development Activity

**Industrial
70%**



**Healthcare/Bio
20%**



**Office
10%**

Phoenix's Competitive Advantage

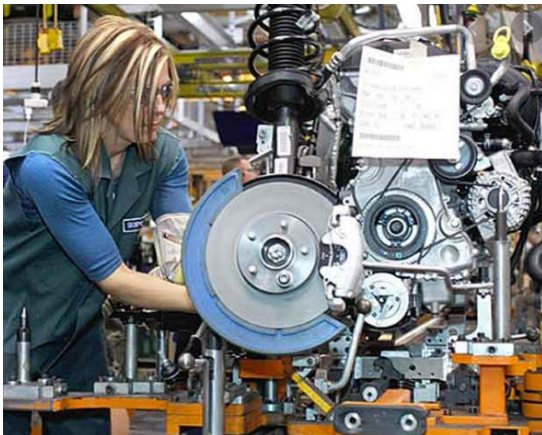
... and then you put it all together



Healthcare / Bioscience
Financial Technology &
Financial Services
Big Data
Cybersecurity
Robotics
Web/Software Development
Semiconductor Manufacturing
Aerospace and Defense
Autonomous Vehicles
Entrepreneurship
Circular Economy / Sustainability
Agri-Tech

Legacy Investments by Sector in US

Advanced Manufacturing	39.3%
Professional Services	26.8%
Life Sciences	23.3%
Information & Communications Tech	5.2%
Automotive	4.2%
Aerospace	0.7%
Agribusiness	0.5%
Logistics & Supply Chain	0.05%



New Industry Sectors

Transformation from Physical to Digital

- Smart Mobility
- Smart City
- Cyber Security / Blockchain
- Industry 4.0
- Human Augmentation (AR/VR)
- Sustainability
- New Pharma
- Space



Healthcare / Bioscience Expansions

Leading in new development and life changing medicine

- Mayo Hospital
- Banner University Medical Center
- HonorHealth Sonoran Campus
- Barrow's
- St. Joseph's
- Dignity
- Valleywise
- Phoenix Children's Hospital



Discovery Oasis

Leading in new development and life changing medicine



- Mayo 228-acre acquisition in late 2021
- Location to share ideas and technology; from research to medical breakthroughs, even drugs
- ASU Health Futures Campus Partnership between Mayo, ASU and the City of Phoenix
- Phase I - 200,000 SF

Software and Big Data



Company Product Pricing R

BlueOptima Announces U.S. Expansion With New Headquarters In Phoenix, Arizona

Software development analytics SaaS provider BlueOptima announced today the establishment of a second U.S. headquarters in Phoenix.

The company plans to hire employees to fill sales, data science and customer success positions in its Phoenix office and grow its presence in North America. Long-term, BlueOptima will establish local support functions as needed, with the plan to grow from eight employees in the Arizona office to more than 20 in the coming months, and double its workforce year to year.

"After comparing 50 cities in the US, Phoenix clearly stood out as the number one choice for fast growing tech companies," said Julian Schultz, BlueOptima's chief operating officer. "We are looking forward to establishing our US headquarters here and helping clients bring transparency into managing their software engineering teams."

The company, which is based in London, has offices in New York, Guadalajara, Mexico, and Bengaluru and Gurugram, India. Phoenix will become BlueOptima's main office in the U.S. The foreign direct investment (FDI) in Phoenix is a statement of the company's commitment to North American growth.

"BlueOptima conducts business all over the world, and chose Arizona for its American headquarters — a testament to our state's global reputation as a premier destination for tech innovators," said Arizona Gov. Doug Ducey. "The state's growth and innovation are a key part of our economic future."



Financial Technology and Financial Services

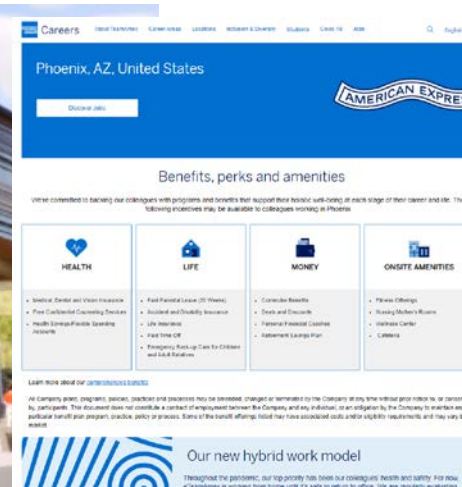
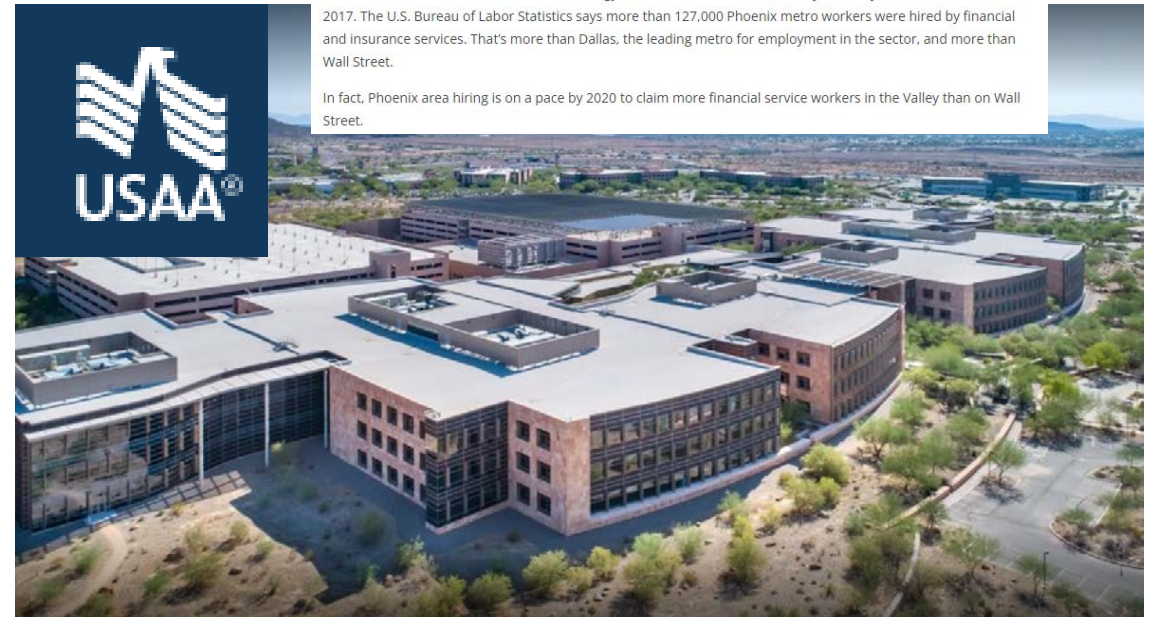
Is Phoenix becoming Wall Street West?



BUSINESS NEWS | 30 Apr, 2018 | ERIC JAY TOLL

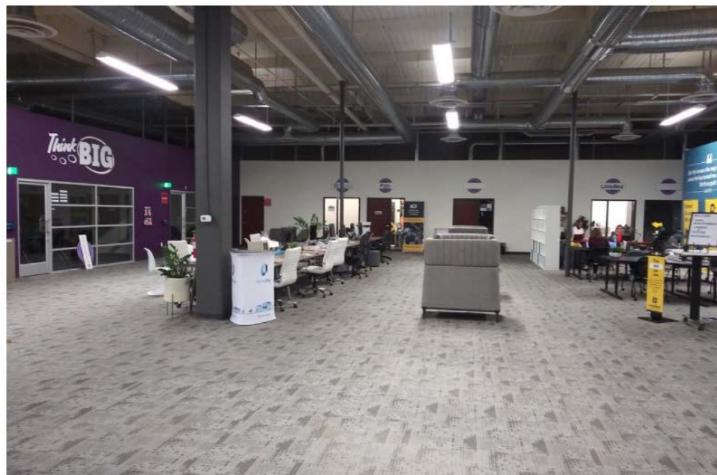
More financial services and financial technology workers were hired in the Valley than anywhere else in the U.S. in 2017. The U.S. Bureau of Labor Statistics says more than 127,000 Phoenix metro workers were hired by financial and insurance services. That's more than Dallas, the leading metro for employment in the sector, and more than Wall Street.

In fact, Phoenix area hiring is on a pace by 2020 to claim more financial service workers in the Valley than on Wall Street.



Digital signature company ZorroSign moves headquarters to Phoenix

by Itadmin | Aug 18, 2020 | News | 0 comments



Cultivating Entrepreneurship

Creating the next global companies



SEED·SPOT



Resource Innovation and Solution Network (RISN)



Entrepreneurship + Innovation



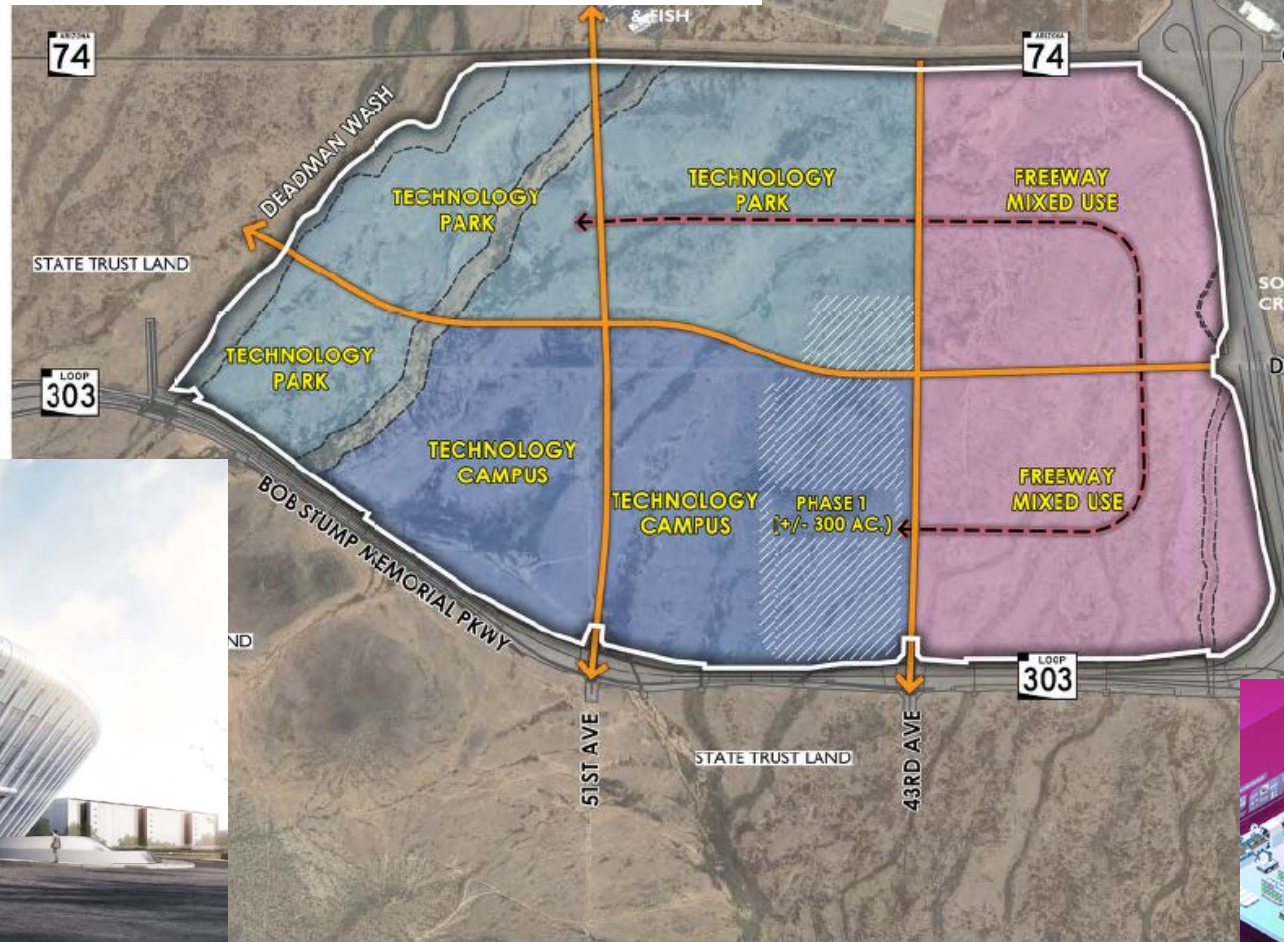
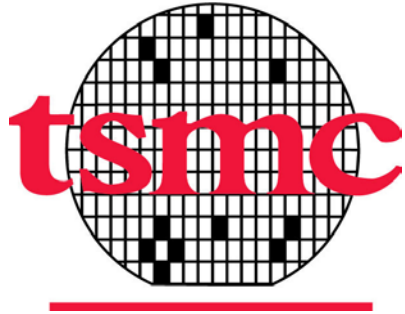
Sonoran Oasis Science & Tech Park

3,500 acres zoned for technology and support uses

<https://www.americancranesandtransport.com/news>

39 cranes active on Phoenix microchip plant

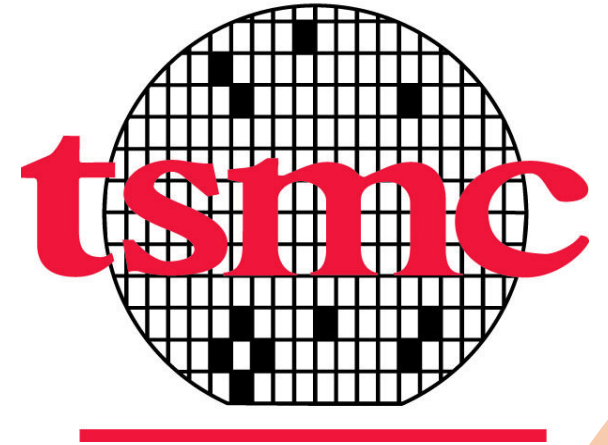
Jul 8, 2022 – Taiwan Semiconductor Manufacturing Company (TSMC) and Intel are currently building new production facilities in the Phoenix area.



Taiwan Semiconductor Manufacturing Company

Result of continued efforts to attract Advanced Industry companies into Phoenix

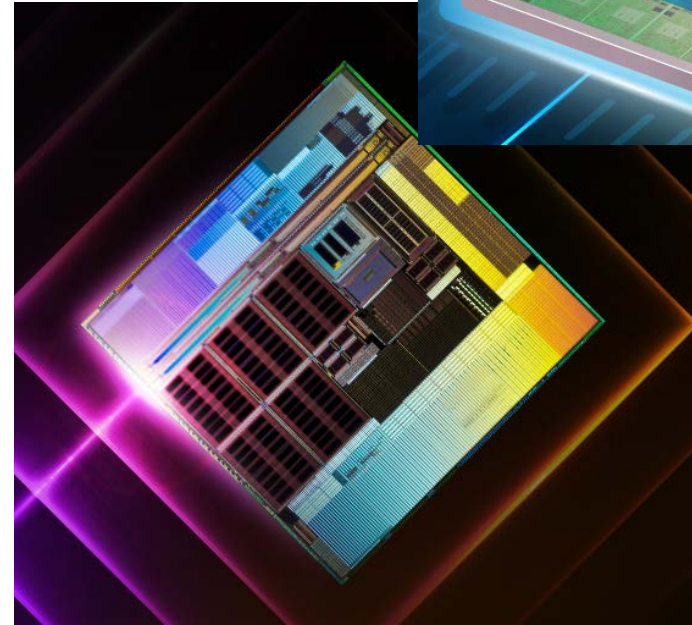
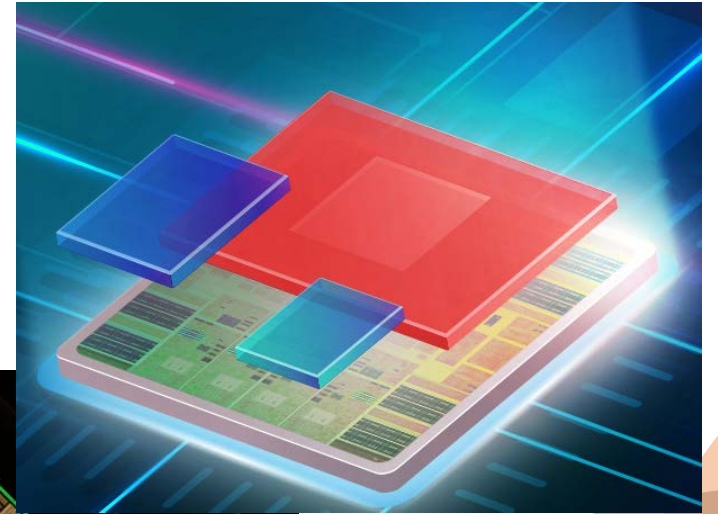
- TSMC, based out of Hsinchu Taiwan, announced it will construct an advanced semiconductor FAB in Phoenix
- Facility will be used to produce its 3, 4 and 5-nanometer technology for semiconductor wafer fabrication
- 4,500 high-tech direct jobs in first two phases
- Thousands of indirect jobs in the semiconductor ecosystem.
- Phase I construction started March 31, 2021, with production targeted to begin in 2024
- Phase II construction announced December 2022; construction started
- \$40 billion total capital investment
- One of the largest private investments in State history
- \$16.1 billion in economic impact from Phase I



World Top Semiconductor Companies 2022

List by Market Cap as of December 2022

1. TSMC
2. NVIDIA
3. Samsung
4. Broadcom
5. ASML
6. Texas Instruments
7. Qualcomm
8. Intel
9. AMD



Economic Impact



Third Party Analysis

\$16.1B

20-year Total

Economic Output

20-Year Economic Impact to City of Phoenix

Impact	Jobs	Personal Income	Economic Output	Revenues
Direct	1,813	\$2,913,384,440	\$11,029,756,520	\$125,560,667
Indirect	1,254	\$1,519,225,340	\$5,115,098,020	\$17,903,980
Total	3,067	\$4,432,609,780	\$16,144,854,540	\$143,464,647

Assumptions

Total Employment at the end of 20 Years: 1,813 jobs

Annual Payroll at the end of 20 Years: \$145.7 million

Total Real Property Investment: \$2 billion

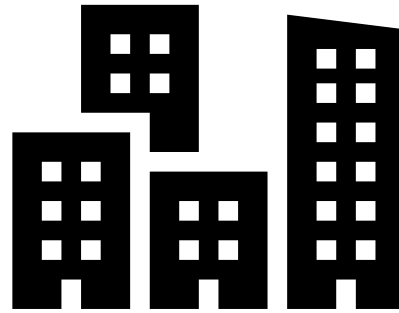
Total Personal Property Investment: \$10 billion

Existing International Business

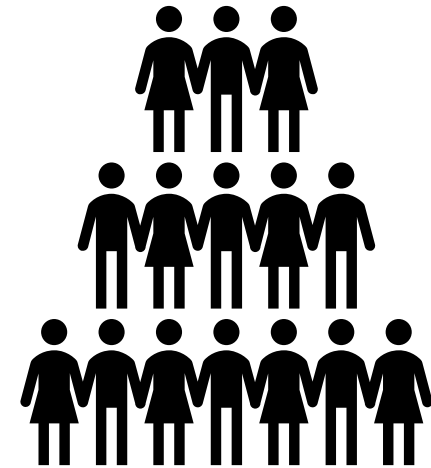
Trade continues to expand



50



2,579



85,146

International Activity

... and FDI

Top 5 Export Commodities

Electronics Products

Transportation Equipment

Electrical Equipment

Machinery

Fabricated Metals

Top 5 Export Countries

Mexico

Canada

South Korea

China

UK

Exports  **20.3 %**
2013 - present

\$14.4 B.

\$14.3 B.

\$14.3 B.

\$13.8 B.

\$12.7 B.

Trade with Mexico is up more than 150%
since 2010 to \$8.04B.



International Reputation

Moving to Top Tier



According to the *Association of Foreign Investors in Real Estate* Phoenix ranked 6th in the nation for places international investors intend to increase their real estate holdings

International Interest is Growing

- Trade Delegation of Indigenous People – Calgary
- Trade Delegation of Canadian businesses focused on consumer products
 - Romero Distillery now selling in Total Wine & More
- International Economic Forum for the Americas
 - Montreal delegation and meetings in 2022
 - Selected as next conference location – May 2024
- Mayor's International will celebrate Calgary this year
- Strong partnership with the Canadian Arizona Business Council and Phoenix Sister Cities
- Recruitment of new international flights is high priority

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