

## Aviation, Aerospace, and Defense Support Arizona

Arizona is home to 67 publicly owned, public-use airports that support the economic vitality and quality of life within the Grand Canyon State. Some of the world's most cutting-edge aerospace and defense companies and numerous United States (U.S.) military installations with a significant aviation-related component are also located across the state. The 2021 Arizona Aviation Economic Impact Study (AEIS) commissioned by the Arizona Department of Transportation (ADOT) Aeronautics Group examines the impacts of these three vital aspects of aviation and aerospace in Arizona.

Together these components contribute over \$121.4 billion to our economy every year—providing a foundation for Arizona's culture of growth, innovation, and economic prosperity.

### STATEWIDE ECONOMIC IMPACT

# \$121.4 Billion

Aerospace  
Manufacturing<sup>1</sup>

**\$51.5B**

Military Operations<sup>2</sup>

**\$10.5B**

Arizona Airports<sup>3</sup>

**\$59.4B**

Notes and Sources: (1) Impacts modeled by IHS Markit using IMPLAN [2019]. (2) Impacts obtained from the Economic Impacts of Arizona's Principal Military Operations commissioned by the Military Affairs Commission. Prepared by The Maguire Company [2017]. (3) Impacts modeled by IHS Markit using IMPLAN for 59 study airports. Eight airports requested that their independently conducted studies be incorporated into the ADOT AEIS study results [2019]. Please see the AEIS Technical Report for further details.

## Tax Impacts

Airports' direct economic impacts result in local and state tax revenues. On-airport businesses pay business and operating (B&O) taxes. Visitor spending generates taxes and fees associated with sales; hotel stays; and use of transportation services including rental cars, Transportation Network Companies (TNCs), and taxis.

### 2019 Tax Impacts

Airport-specific (1G4)	\$4,567,000
All Airports in Mohave County	\$18,559,000
<b>Total Statewide Airport Tax Impacts</b>	<b>\$3,472,766,000</b>

Source: IHS Markit using IMPLAN 2019

For more details about the 2021 Arizona AEIS, including the full technical report, visit

[azdot.gov/planning/airport-development/links-and-resources-airport-development](https://azdot.gov/planning/airport-development/links-and-resources-airport-development)

# ADOT

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## ARIZONA AVIATION ECONOMIC IMPACT STUDY

### Grand Canyon West

Grand Canyon West





## What Does Economic Impact Measure?

The Arizona AEIS measured how economic activity at the state's airports stimulated the Arizona economy in 2019. Impacts are generated by airport administration and business tenant employees working on airport property, capital improvement spending, and the thousands of out-of-state and international visitors who fly to Arizona and bring new money into our economy.

In turn, airport administration and on-airport business tenants purchase goods from suppliers (indirect impacts) and airport workers spend the money they earn (induced impacts), generating successive waves of economic impacts in Arizona.

## Arizona Airports are Vital to the Economy

Arizona's diverse airports support commercial passenger service; world-class general aviation (GA) activities such as flight training, skydiving, and aerial tours; and air cargo while serving as regional job centers and economic engines in their communities.

## Statewide Economic Impact of Arizona Airports\*

Arizona's airports contributed **\$33.0B in value added** to the state, equaling 10.2% of the total Gross State Product in 2019.

*\*This includes the economic impacts of Arizona's airports but excludes aerospace manufacturing and military operations.*



**Jobs**  
386,057



**Earnings**  
\$20.4B



**Economic Activity**  
\$59.4B

## Top Airport Activities at 1G4



## Economic Impact of 1G4

**\$21,009,000**

On-airport  
Activities

**\$26,840,000**

Visitor  
Spending

Indirect/Induced  
**\$43,944,000**

### 1G4 Total Impacts



**Jobs: 797**  
Number of full- and part-time persons employed



**Earnings: \$32,052,000**  
Total compensation paid to workers including wages and benefits



**Economic Activity (Output): \$91,793,000**  
Value of sales that occur in the Arizona economy that are ultimately attributable to airport activities

## Grand Canyon West (1G4)

Grand Canyon West Airport (1G4) is a commercial service airport located less than a mile from the world-famous Grand Canyon Skywalk. 1G4 has a single asphalt runway (17/35) that is 5,000 feet long by 75 feet wide. The airport is owned by the Hualapai Tribe and operated by the Grand Canyon Resort Corporation, which also operates the Skywalk and surrounding resort. Travelers from around the world visit the Skywalk, many of whom stop at the airport to take a helicopter tour with one of nine air tour and charter operators based at 1G4. In fact, 1G4 is used almost exclusively to fly nearly 200,000 people from Grand Canyon West to helicopter landing sites in the canyon. The tour operators generate around 65 percent of the Corporation's total revenues, providing tremendous economic activity for the resort and the Hualapai Tribe. Air ambulances fly between 1G4 and the off-site helicopter pads to transport medical personnel to visit Hualapai Tribal members living in the Canyon, as well as fly Tribal members to more sophisticated medical facilities in the region. The Grand Canyon Resort Corporation plans to expand Grand Canyon West Airport in the coming years and is actively working to establish air charter routes from Denver, San Francisco, Fresno, and other cities. The airport is also trying to expand GA activities and is working to add public-use aircraft fueling facilities in the future.

### Did You Know?

For every 100 direct jobs, 1G4 supports an additional 54 jobs in Arizona.

