

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



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 (DUG)	\$679,000
All Airports in Cochise County	\$2,310,000
Total Statewide Airport Tax Impacts	\$3,472,766,000

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

ADOT

ADOT Aeronautics Group
1801 W. Jefferson St.
MD 426M
Phoenix, AZ 85007

<https://azdot.gov/planning/airport-development>
Phone: (602) 712-8333



ARIZONA AVIATION ECONOMIC IMPACT STUDY

Bisbee-Douglas International Douglas



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 DUG



Economic Impact of DUG

\$5,702,000

On-airport
Activities

\$122,000

Visitor
Spending

Indirect/Induced
\$5,539,000

DUG Total Impacts



Jobs: 100
Number of full- and part-time persons employed



Earnings: \$5,855,000
Total compensation paid to workers including wages and benefits



Economic Activity (Output): \$11,363,000
Value of sales that occur in the Arizona economy that are ultimately attributable to airport activities

Bisbee-Douglas International (DUG)

Bisbee-Douglas International Airport (DUG) is a GA airport in southern Arizona located nine miles northwest of Douglas and 17 miles east of Bisbee. DUG has two paved runways (08/26 and 17/35) that are 4,966 and 6,430 feet long, respectively. Like many Arizona airports, Bisbee-Douglas International Airport was originally constructed in the early 1940s to train bomber pilots during World War II.

The airport was transferred to Cochise County for conversion to a civilian airport at the end of the war. Today, DUG supports various GA and air cargo activities, many of which are due to its proximity to the U.S./Mexico border. Recently, the airport experienced an uptick in business/corporate jet activity associated with border wall construction. The airport also supports air cargo shipments for goods imported from Mexico. Additionally, flight schools based throughout southern and central Arizona frequently utilize DUG to conduct touch-and-go operations. The airport supports military training and prisoner transports, as it is located adjacent to the Arizona State Prison Complex - Douglas. The U.S. Forest Service operates a seasonal firefighting base at DUG, and air ambulance operators provide emergency medical evacuations for residents and visitors.

Did You Know?

For every 50 direct jobs, DUG supports an additional 28 jobs in Arizona.

