

PENNSYLVANIA Airports Economic Impact



The Pennsylvania Airport System

Pennsylvania's aviation industry continues to provide high quality jobs and spur important local spending by on-airport businesses and agencies. The commonwealth's system of 15 commercial service and 117 general aviation airports connects Pennsylvania businesses and residents to the national and global economy. This system is comprised of a network of airports, airlines, air cargo businesses, corporate flight departments, pri-

vate aircraft owners, and recreational airplane pilots. Manufacturers in the state rely on airports to access markets and to receive supplies. Businesses rely on airports to conduct face-to-face meetings with customers and business associates within the United States and abroad. Leisure travelers use airports to reach recreational and tourist sites and to visit with family and friends.

Pennsylvania's Total Annual Economic Impacts from Aviation

When all of the impacts of Pennsylvania's system airports are added together, nearly 304,500 total jobs can be traced to the aviation industry. These employees receive more than \$9.2 billion in total payroll, and generate nearly \$23.6 billion in total economic activity. In addition, Pennsylvania's airports provide a number of health, welfare, and safety benefits, the impacts of which are immeasurable. Such services include aerial agricultural spraying, medical transport and evacuation, flight training, law enforcement, wildlife management, military exercises, and search and rescue operations.

Impact Measures

Employment measures the number of full-time equivalent (FTE) jobs related to airport activity, including on-airport

construction. A part-time employee is counted as half a full-time employee.

Payroll measures the total annual wages and benefits paid to all workers whose salaries are directly attributable to airport activity.

Economic Activity (Output) measures the value of goods and services related to airports in Pennsylvania. The output of on-airport businesses is typically assumed to be the sum of annual gross sales and average annual capital expenditures.

Total Jobs – 304,464

Total Payroll – \$9.2 billion

Total Output – \$23.6 billion

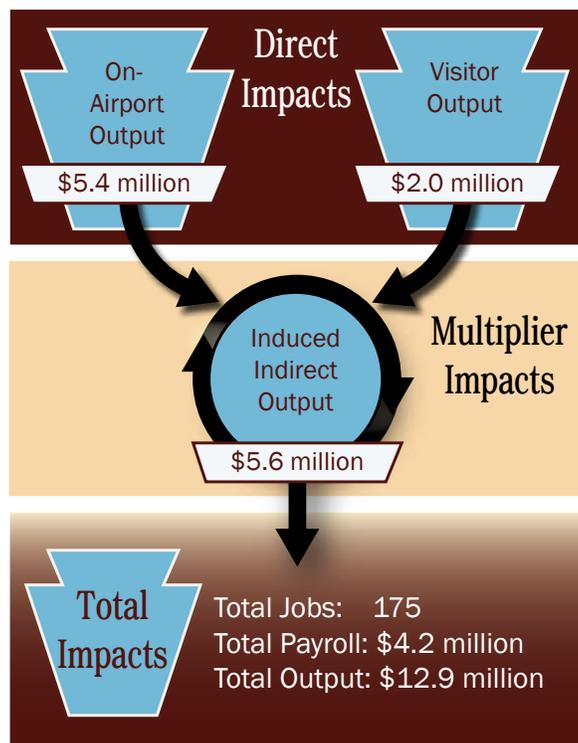
Study Process

This study, sponsored by the Pennsylvania Department of Transportation, Bureau of Aviation, analyzes the economic impact of Pennsylvania's aviation industry as a whole, as well as the impacts of its individual airports. The study confirms that many people—beyond the immediate environs of each airport—derive significant economic benefits from the daily operation of the airport system. The study also evaluates some of the less-quantifiable impacts linked with aviation, such as health, safety, recreation, education, and overall community strength.

A detailed modeling effort was undertaken to quantify the economic impacts of on-airport activities (airlines, fixed base operators, flight schools, corporate flight departments, government, and various other business). Also quantified were the impacts derived from the expenditures of visitors who arrive via scheduled service and general aviation aircraft. These on-airport impacts and visitor expenditures support additional economic activity throughout Pennsylvania.

As initial waves of activities associated with the airport system are released into Pennsylvania's economy, successive waves of employment, payroll, and economic benefit occur. These additional benefits are measured using sector-specific employment, payroll, and economic impact multipliers.

Economic Impact of Beaver County Airport



Source: Wilbur Smith Associates

Impact Types

Direct Impacts include both direct impacts related to on-airport businesses and government agencies, and off-airport impacts, which are usually attributable to visitor spending.

Multiplier Impacts are comprised of indirect and induced impacts. These impacts are attributed to employees spending their earnings at local businesses, and the on-airport businesses purchasing goods and services locally. This re-circulation is commonly referred to as the “multiplier effect.”

Total Impacts are the combination of all direct, indirect, and induced impacts.



Qualitative Benefits

Beaver County Airport is situated in northwest Beaver County, approximately three miles west of the City of Beaver Falls. The airport is accessible via Interstate 376 and State Route 51.

Beaver County Airport is classified as an Advanced airport by the Pennsylvania Bureau of Aviation. The airport has approximately 125 based aircraft and experiences over 57,000 annual operations. The airport’s single runway, Runway 10/28, is 4,501 feet long by 100 feet wide and outfitted with medium intensity runway lighting (MIRL). The airport is supported by two non-precision approaches (LOC RWY 10, VOR RWY 28).

Beaver County Airport serves the general aviation needs of the region and serves as a reliever for Pittsburgh International Airport. The airport has seven on-site business tenants, including two fixed base operators, Aces Aviation and Moore Aviation, which provide a full range of general aviation services for visiting pilots and passengers, including fueling, aircraft maintenance, and storage. Aviation education is available at the FBOs as well as at the Aviation Science Center Community College, which also trains students in air traffic control. In addition, Prospect Aviation offers charter services, and the B-17 Café offers refreshments to pilots and passengers in the terminal building.

Corporate flight activity is a frequent activity at Beaver County Airport. Many area businesses rely on the airport, with Boscov’s corporate officials being among the most frequent users. FAA data indicates the following companies also utilized the airport for general aviation during the past year:

- Alliance Glass & Metal Inc.
- Quality Solutions Inc.
- Rochester Machine Corporation
- Waterside Enterprises

The airport is also home to the Air Heritage Museum, a volunteer operation that restores vintage aircraft and educates the community on aviation history. Once a year, the Museum hosts Aviation Appreciation Day which draws many people from around the area. The Beaver Valley Flying Club is also located at the airport.

Several universities use the airport for flight instruction including the Ohio State University, Kent State University and Bowling Green State University. International Airline Training Academy Inc. utilizes the airport on a regular basis. In addition, the airport is used almost daily for recreational flying, flights by the Civil Air Patrol, and emergency medical activity.