

# 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**

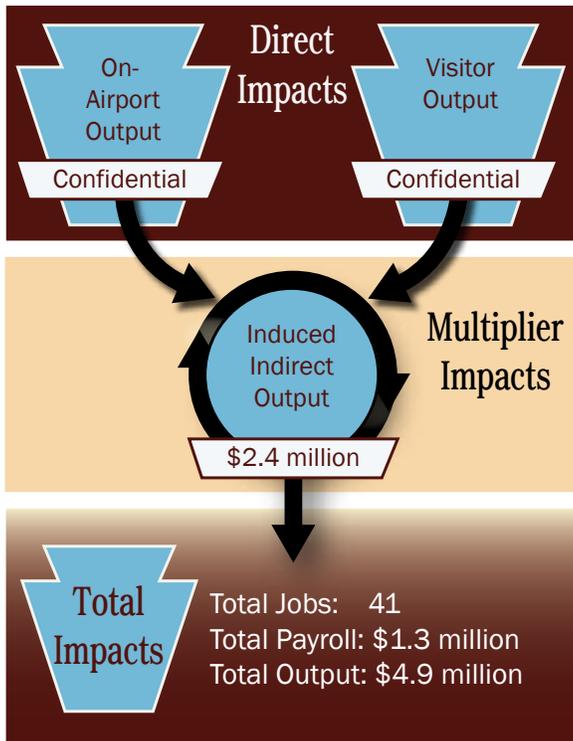
## Study Process

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 Pocono Mountains Municipal 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

Pocono Mountains Municipal Airport is located two miles northwest of Mount Pocono in Monroe County. The airport is situated approximately 30 miles north of Easton, Pennsylvania. Access to the airport is available via Interstate Highway 380 and State Route 611.

Pocono Mountains Municipal Airport is classified as an Intermediate airport by the Pennsylvania Bureau of Aviation. The airport has 29 based aircraft and experiences over 19,800 annual operations. The primary runway, Runway 5/23, is 4,000 feet long by 100 feet wide, while Runway 13/31 is 5,001 feet long by 75 feet wide. Both runways are outfitted with medium intensity runway lighting (MIRL). The airport is supported by four non-precision approaches (RNAV RWY 13, RNAV RWY 31, RNAV RWY 05, and VOR RWY 13).

The Pocono Mountains Municipal Airport serves the general aviation needs of the local community, businesses, and visitors to the region. The airport has two on-site business tenants: GW Aviation and Hi Tech Helicopters, which offers helicopter flight instruction. The airport offers aircraft storage and fuel service for transient pilots.

The airport supports daily corporate activity from both visiting businesses and several local companies. The following local companies use the airport regularly:

- Weiler Corporation
- Keystone Aerial Surveys
- Dien Properties
- Papillon & Moyers

Including daily recreational flying, common activities at Pocono Mountains Municipal include aerial photography, surveying, agricultural spraying, and aerial forest firefighting. The airport hosts an annual fly-in breakfast sponsored by the local Rotary Club that attracts approximately 2,000 attendees. The airport is also utilized as a gateway to the Pocono Mountains, with visitors using the airport to access regional attractions such as Mount Airy Casino, Great Wolf Lodge, and Camelback Skiing. NASCAR also utilizes the airport during race week.

Recently, Tobyhanna Army Depot utilized the airport by establishing a temporary radar facility to test a mobile airplane landing system used in Iraq and Afghanistan to land planes in bad weather. The unit is a U.S. Air Force Air Traffic Control and Landing Radar System—specifically an AN/MPN-14K Landing Control Center—which is used by air traffic controllers for identifying and guiding planes for landings using primary radar from up to 60 nautical miles away. The system is a mobile unit, but there could be a permanent one built at the airport for future testing.