

# 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**

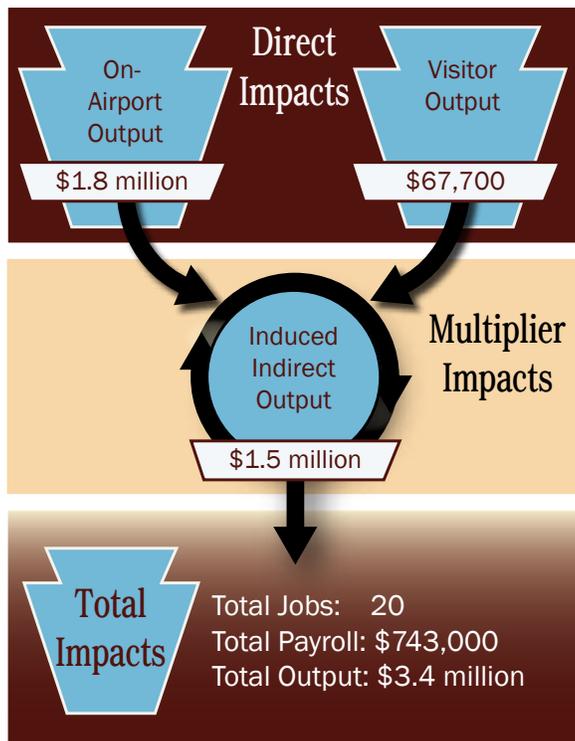
## Study Process

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 Clearfield-Lawrence 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

The Clearfield-Lawrence Airport is located just north of Clearfield in Clearfield County, approximately 35 miles northwest of State College, Pennsylvania. The airport is accessible via Interstate 80.

Clearfield-Lawrence Airport is classified as an Intermediate airport by the Pennsylvania Bureau of Aviation. The airport has 15 based aircraft and experiences more than 5,000 annual operations. There is one runway, Runway 12/30, which is 4,500 feet long by 75 feet wide and outfitted with medium intensity runway lighting (MIRL). The airport is supported by two non-precision approaches (RNAV RWY 30 and VOR RWY 30).

Clearfield-Lawrence Airport supports the general aviation needs of the location community and surrounding region. Services are provided by the airport itself, which offers aviation and jet fuel, as well as aircraft storage and parking for transient pilots. Although there are no full-time flight schools at the airport, two local flying clubs offer flight instruction.

Fuel services at Clearfield-Lawrence Airport make it an attractive option for corporate flight activity. The following businesses utilize the facility regularly:

- Kephart Trucking
- Hess & Fisher Engineers
- Walmart
- Lowe’s
- Wickett & Craig of America

In addition to flight instruction, much of the activity at Clearfield-Lawrence Airport is related to two local flight clubs, which have approximately 15 members each. The clubs account for much of the local recreational flights, aerial sightseeing, and a Young Eagle program. Air cargo at the airport mostly involves ad hoc shipments by two area automobile part manufacturers, or equipment shipments for the Marcellus Shale gas industry. Wild Well Control, Inc., utilizes a hangar at the airport and acts as a first responder in the event of a natural gas fire. Aerial surveying for the Marcellus Shale industry is also conducted from the airport. Prisoner transport is common at the airport since there are two state penitentiaries and a county jail nearby. Military activity, operated by the Johnstown Air National Guard, occurs approximately twice weekly at Clearfield-Lawrence Airport, mostly for refueling or touch-and-go exercises. Finally, medical evacuation at the airport is operated by STAT Medivac, while Angel Flight operates free medical transport for patients needing transport to distant acute care medical centers.