

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

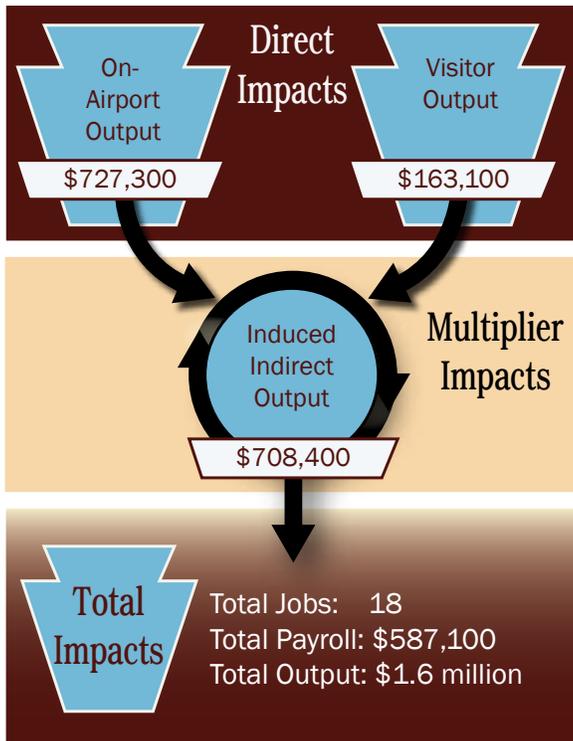
Study Process

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 Bradford 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

Bradford County Airport is located just south of Towanda in Bradford County, Pennsylvania, approximately 20 miles south of New York State. The airport is accessible via State Route 220.

Bradford County Airport is classified as Limited airport by the Pennsylvania Bureau of Aviation. The airport has 35 based aircraft and experiences over 25,000 annual operations. There is one runway, Runway 05/23, that is 4,300 feet long by 75 feet wide and outfitted with high intensity runway lighting (HIRL).

Bradford County Airport supports the general aviation needs of the local community. The airport currently has four on-site business tenants, including a fixed base operator run by the Bradford County Airport Authority. The FBO offers both aviation gas and jet fueling services, as well as aircraft maintenance. In addition, the Bradford County Airport Authority operates a flight school, which makes the airport a strong center for flight training.

Bradford County Airport experiences corporate and business flights daily. The airport’s FBO services, particularly the availability of jet fuel, make it attractive for corporate aviation. In addition, the Marcellus Shale natural gas industry has made an impact at the airport and in the region, with nearly 60 natural gas-related companies located in the Towanda area alone. Numerous other companies in the region utilize the airport, including the following:

- Procter & Gamble
- Towanda Metadyne, Inc.
- Frontier Industrial Technology, Inc.
- DuPont
- Global Tungsten & Powders Corp.
- Cargill Taylor Beef

In addition to corporate activity and flight training, recreational flights and aerial inspections of utility lines are also daily activities at Bradford County Airport. Aerial sightseeing and aerial photography are also frequent operations at the airport, while activities such as agricultural spraying, search and rescue, and aerial firefighting take place seasonally. The airport also hosts two fly-in breakfasts each year, in June and October.