

Facts on the Economic Impact of Airports in North Dakota

Airport Economic Impacts

North Dakota's 8 commercial and 81 general aviation airports provide and support significant annual economic impacts. Airport related benefits come from activities associated with airport management, airport tenants, capital investment, and spending by visitors to North Dakota who arrive on commercial airlines and general aviation aircraft. Economic impacts for the 89 airports are measured using employment, annual payroll and annual economic output.

A 2015 study completed by the North Dakota Aeronautics Commission shows there are significant positive economic impacts associated with the state's public-use airports. As shown below, there has been a notable increase in impacts between 2010 and 2015:

Annual economic impacts from public-use airports have increased from **\$1.06 billion** to **\$1.56 billion**, a **47%** increase.

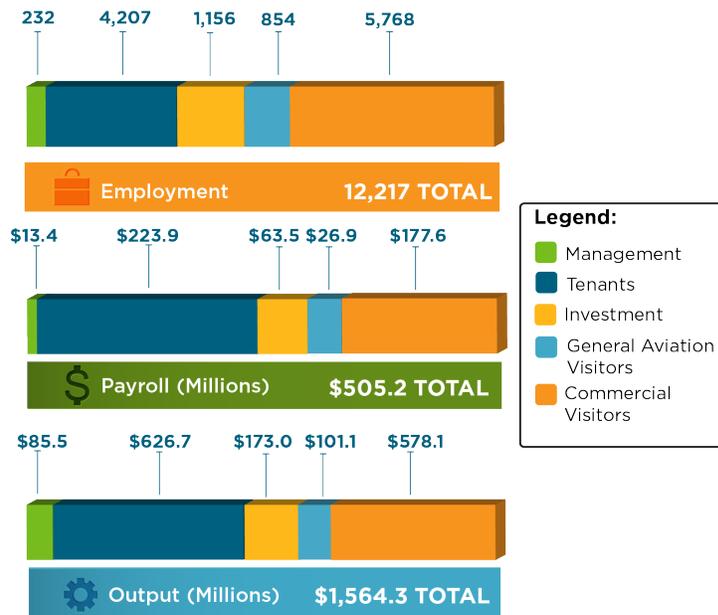
Jobs supported by North Dakota airports have grown from **8,872** to **12,217**, a **38%** increase.

Annual state and local sales tax revenues from airport supported activities have increased from **\$31.1 million** to over **\$60 million**, a **93%** increase.

The significant annual economic impact from North Dakota's 8 commercial and 81 general aviation airports comes from **five** centers of economic activity.

- Airport Management** - Activities undertaken by airport employees to operate the airport on a daily basis.
- Airport Tenants** - Aviation related businesses that provide airport, aircraft, or customer services.
- Capital Improvement Spending** - Average annual investment made to maintain, improve, or expand an airport.
- General Aviation Visitors** - Spending by general aviation visitors to North Dakota that support hotels, restaurants, and other visitor related activities.
- Commercial Visitors** - Spending by commercial visitors to North Dakota that support hotels, restaurants, and other visitor related activities.

Economic impacts for North Dakota airports are measured using three indicators: employment, annual payroll, and annual economic output. For airport management and airport tenants, output is equal to their cost for purchasing goods and services to run the airport or their business. For capital investment, commercial visitors, and general aviation visitors, output is equal to average annual spending for airport improvements or annual spending by air visitors while they are in North Dakota.



2015 Total Annual Economic Impacts from Public-Use Airports

Jobs: 12,217
Payroll: \$505.2 million
Output: \$1.56 billion

Air Visitors to North Dakota

Since 2010, all air visitors to North Dakota have increased from **543,300** to **915,290**, an increase of 68%. Business travel to North Dakota has increased exponentially, leading to significant increases in visitor spending for both visitors arriving on general aviation aircraft and on commercial airline flights. Study surveys show business travelers are staying longer and spending more.



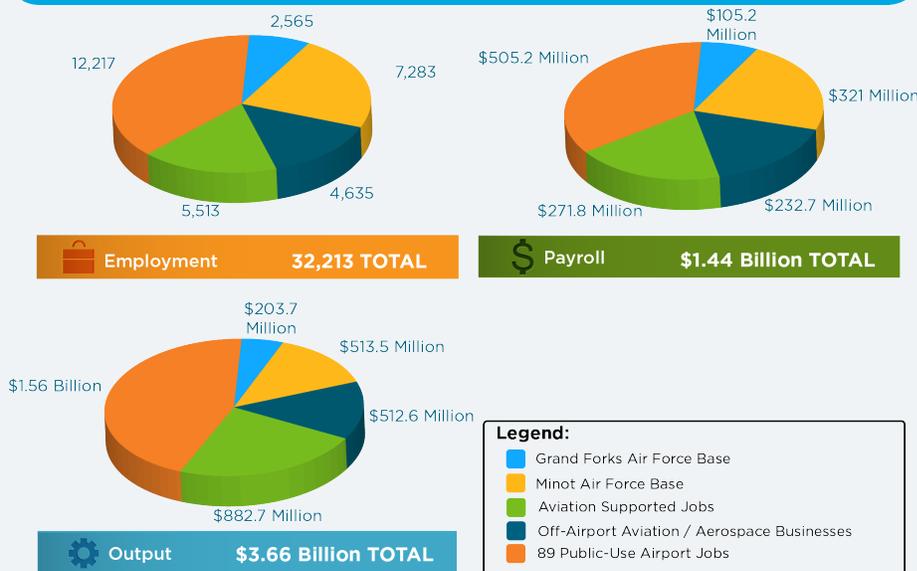
Other Economic Benefits from Aviation and Aerospace

Aside from economic benefits from North Dakota's public-use airports, there are other off-airport aviation and aerospace activities in North Dakota that provide additional economic benefits. These include benefits from:

- Grand Forks Air Force Base
- Minot Air Force Base
- Off-Airport Aviation and Aerospace Businesses (including aerial applicators)
- Jobs with Improved Efficiency from Aviation

When airport, military, and off-airport aerospace and aviation activities in North Dakota are combined, they provide the annual economic impact shown to the right. Included in the aviation supported jobs are over 100 aviation and aerospace related jobs at the University of North Dakota; these jobs are in addition to University jobs located at Grand Forks International Airport.

Annual Economic Impacts From Airports, Aviation, and Aerospace



Legend:

- Grand Forks Air Force Base
- Minot Air Force Base
- Aviation Supported Jobs
- Off-Airport Aviation / Aerospace Businesses
- 89 Public-Use Airport Jobs

TOTAL FOR ALL AIRPORT / AVIATION / AEROSPACE IMPACTS

Total Employment: 32,213

Total Payroll: \$1.44 billion

Total Output: \$3.66 billion

Increasing Economic Benefits

Economic impacts for North Dakota's airports were previously estimated in 2010. Information presented here shows how economic impacts from the commercial and general aviation airports in North Dakota have increased over the past five years.



The North Dakota Statewide Economic Impact Study shows that when all airport, aviation, military, and aerospace activities in North Dakota are considered:

- **32,200** jobs for all airport/aviation/aerospace related activities account for an estimated **8%** of North Dakota's total employment which is estimated at **413,000**.
- The **\$3.7 billion** in total annual output for all airport/aviation/aerospace related activities accounts for an estimated **7%** of North Dakota's Real Gross State Product estimated at **\$48.2 billion**.

