

Facts on the Economic Impact of Aviation & Aerospace in Oklahoma

The Aviation and Aerospace Industries in Oklahoma Support \$43.7 Billion in Annual Statewide Economic Activity

The Oklahoma Aeronautics Commission (OAC) completed a study to estimate the economic benefits of aviation and aerospace in Oklahoma. Details of the study can be obtained on the Commission’s website: oac.ok.gov. OAC’s statewide study measured economic impacts associated with three key contributors:

- 109 public general aviation and commercial airports
- Off-airport employers engaged in aviation/aerospace
- Military aviation

Total annual statewide economic impacts for each of these three groups are shown here.

TOTAL ANNUAL STATEWIDE ECONOMIC IMPACTS

| | EMPLOYMENT | PAYROLL | SPENDING | ECONOMIC ACTIVITY |
|--|------------|---------|----------|-------------------|
| All 109 Study Airports | 74,002 | \$3.6 B | \$7.0 B | \$10.6 B |
| Off-Airport Aviation/Aerospace Employers | 58,958 | \$3.4 B | \$10.5 B | \$13.9 B |
| Military Aviation | 72,648 | \$4.7 B | \$14.6 B | \$19.3 B |

Impacts shown here represent direct, indirect, and induced impacts. IMPLAN, an FAA recognized model, was used to estimate indirect and induced impacts. Annual economic activity, as reported in the OAC report, is the sum of annual payroll and spending.

Annual Economic Impact from Study Airports

The 109 public airports in Oklahoma may have economic impacts associated with one or more of the following categories: airport management, airport tenants, capital investment, general aviation visitor spending, and/or commercial visitor spending. Information shown here indicates the portion of total annual airport impacts for employment, payroll, spending, and economic activity that come from each of the airport activity centers.

| EMPLOYMENT | |
|---------------------------|--------|
| Airport Management | 836 |
| Airport Tenants | 46,499 |
| Capital Investments | 2,259 |
| General Aviation Visitors | 2,639 |
| Commercial Visitors | 21,770 |

TOTAL EMPLOYMENT
74,002

| PAYROLL | |
|---------------------------|-----------|
| Airport Management | \$36.6 M |
| Airport Tenants | \$2.8 B |
| Capital Investments | \$95.3 M |
| General Aviation Visitors | \$73.6 M |
| Commercial Visitors | \$630.0 M |

TOTAL PAYROLL
\$3.6 B

| SPENDING | |
|---------------------------|-----------|
| Airport Management | \$97.6 M |
| Airport Tenants | \$4.9 B |
| Capital Investments | \$276.8 M |
| General Aviation Visitors | \$179.6 M |
| Commercial Visitors | \$1.6 B |

TOTAL SPENDING
\$7.0 B

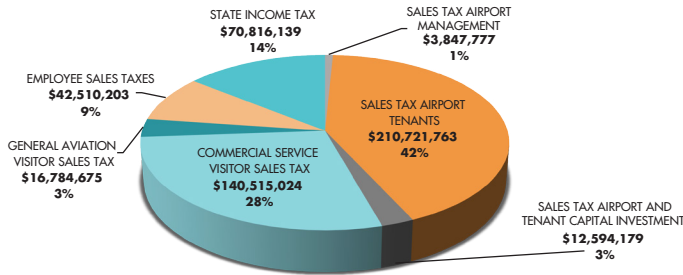
| ECONOMIC ACTIVITY | |
|---------------------------|-----------|
| Airport Management | \$134.2 M |
| Airport Tenants | \$7.7 B |
| Capital Investments | \$372.2 M |
| General Aviation Visitors | \$253.2 M |
| Commercial Visitors | \$2.2 B |

TOTAL ECONOMIC ACTIVITY
\$10.6 B



State Tax Revenues from Airport Supported Activities

Airports also support annual state/local tax revenues. When all airport-supported taxable events are considered, it is estimated that airports and airport supported activities contribute almost \$500 million in annual tax revenues. These revenues come only from activities in the direct impact categories.



Total Tax Revenues: \$497,789,759

Annual Economic Impacts from Military Aviation

Oklahoma's three Air Force Bases (Altus, Tinker, and Vance) are vital to the nation's security. The three bases are economic engines that support thousands of jobs in Oklahoma. Annual economic impacts for military aviation in Oklahoma reflect impacts from operations and capital spending. The Oklahoma Army Air guard also has a presence in Oklahoma, and their impacts were estimated as part of the OAC study. Military aviation in Oklahoma supports the following:

- **Military aviation supports 72,648 jobs**
- **Annual payroll estimated at \$ 4.7 billion**
- **Total annual spending estimated at \$14.6 billion**
- **Total annual economic activity estimated at \$19.3 billion**

ECONOMIC IMPACT OF MILITARY AVIATION IN OKLAHOMA

| | EMPLOYMENT | PAYROLL | SPENDING | ECONOMIC ACTIVITY |
|-------------------|------------|----------|----------|-------------------|
| Air Guard | 557 | \$21.3 M | \$11.2 M | \$32.5 M |
| Vance AFB | 6,301 | \$301 M | \$624 M | \$925 M |
| Tinker AFB | 56,901 | \$3.9 B | \$13.2 B | \$17.1 B |
| Altus AFB | 8,881 | \$470 M | \$767 M | \$1.24 B |

Economic Impacts from Other Off-Airport Aviation & Aerospace Employers

Following World War II, Oklahoma emerged as a center for aviation activity. Oklahoma has continued attracting the nation's

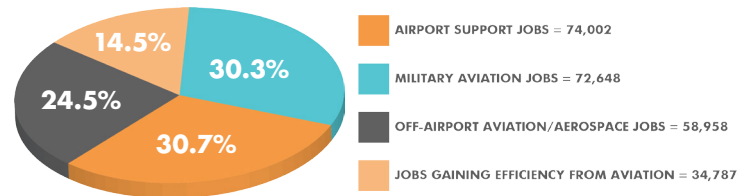
most sophisticated aviation/aerospace developers, maintainers, and suppliers. OAC research indicates there are over 870 businesses not located at one of the study airports that are engaged in some facet of aviation or aerospace as their core business; annual economic impact from these employers is summarized here.

TOTAL ANNUAL STATEWIDE ECONOMIC IMPACTS OFF-AIRPORT AVIATION/AEROSPACE BUSINESSES

| | DIRECT | INDIRECT/INDUCED | TOTAL |
|--------------------------|---------|------------------|----------|
| Employment | 26,654 | 32,303 | 58,958 |
| Payroll | \$1.7 B | \$1.7 B | \$3.4 B |
| Spending | \$7.1 B | \$3.4 B | \$10.5 B |
| Economic Activity | \$8.8 B | \$5.0 B | \$13.9 B |

Summary of All Airport, Aviation, and Aerospace Impacts

When all direct, indirect, and induced impacts are considered, there are almost 240,400 jobs in Oklahoma that in some way are supported by or that benefit from aviation and aerospace. This includes jobs supported by the 109 study airports, military aviation, off-airport aviation/aerospace businesses, along with almost 34,800 jobs in Oklahoma that have improved efficiency from using aviation. These jobs represent 14.5 percent of all non-farm employment in Oklahoma.



The study concluded that study airports, military aviation, and off-airport aviation and aerospace companies, when combined:

- **Support \$11.7 billion in annual payroll**
- **Are responsible for \$32.3 billion in annual spending**
- **Generate annually a total of \$43.7 billion in economic activity**

At almost \$44 billion in annual economic activity, the OAC study has clearly shown that all facets of aviation and aerospace are significant contributors to Oklahoma's economy.

For more information visit OAC's website at oac.ok.gov

Oklahoma Aeronautics Commission, 110 North Robinson Avenue Suite 200
Oklahoma City, Oklahoma 73102 | Ph. 405.604.6900