

ECONOMIC ANALYSIS OF AIRPORT SYSTEMS

TREDAIR provides comprehensive estimates of economic contributions of single airports and airport systems. **TREDAIR** offers detailed industry level and regional reporting of impacts in terms of jobs, labor incomes, and business revenues. These insights capture changes in capital and operations and maintenance spending, visitor spending, and on-airport tenant employment.

TREDAIR has been used for system plans and stand-alone economic impact analyses. DOTs have used **TREDAIR** for scenarios and provided public-use tools on the web.

| Impact Type | Jobs | Payroll (\$) | Value Added (\$) | Business Revenues (\$) |
|---|----------------|------------------------|-------------------------|-------------------------|
| Direct Impact | 114,491 | \$5,503,963,000 | \$7,898,994,000 | \$14,120,702,000 |
| Supplier Sales (Indirect Impact) | 21,011 | \$990,924,000 | \$1,525,910,000 | \$2,768,843,000 |
| On-Airport | 1,321 | \$63,621,000 | \$95,450,000 | \$168,063,000 |
| Temporary Construction | 13,448 | \$653,376,000 | \$982,227,000 | \$1,789,722,000 |
| Visitor Spending | 6,242 | \$273,926,000 | \$448,230,000 | \$811,060,000 |
| Income Responding (Induced Impact) | 32,242 | \$1,263,360,000 | \$2,404,727,000 | \$4,168,484,000 |
| On-Airport | 5,180 | \$202,971,000 | \$386,621,000 | \$670,414,000 |
| Temporary Construction | 20,187 | \$790,735,000 | \$1,505,221,000 | \$2,608,601,000 |
| Visitor Spending | 6,875 | \$269,655,000 | \$512,884,000 | \$889,470,000 |
| Total Impact | 167,744 | \$7,758,247,000 | \$11,829,629,000 | \$21,058,030,000 |
| On-Airport | 19,387 | \$1,222,939,000 | \$1,889,237,000 | \$2,612,883,000 |
| Temporary Construction | 93,700 | \$4,883,312,000 | \$7,031,090,000 | \$13,398,325,000 |
| Visitor Spending | 54,657 | \$1,651,996,000 | \$2,909,304,000 | \$5,046,821,000 |

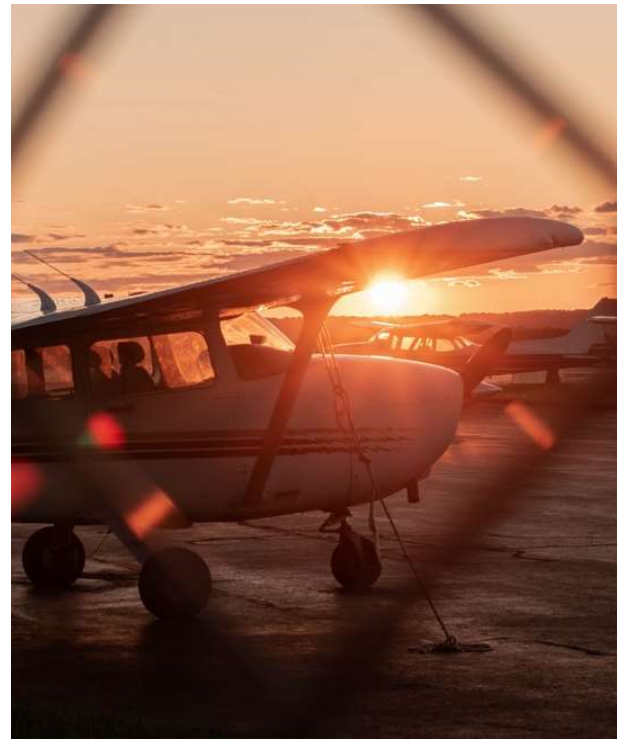


WHY TREDAIR?

- Allows users to estimate the current and future economic contributions associated with a single airport or an airport system,
- Provides the magnitude of economic contributions based on various scenarios,
- Evaluates the economic value that a single airport or an airport system can create for communities, regions, or states.

KEY FEATURES:

- **Airport Selection:** Analyze single or multiple airports. Measure impacts for regional or statewide aviation systems.
- **Customizable Airport Data:** Utilize baseline values from surveys or operational airport data.
- **Airport Visitor Spending:** View, analyze, and develop forecasts of visitor spending scenarios and airport operations.
- **Airport Tenant Employment:** View, analyze, and create forecasts of airport and tenant employment scenarios.
- **Scenario Reports:** Report scenario impacts by industry and by state, region, or airport.
- **Industries:** With 544 industry sectors available, industry inputs are flexible, and reports can be tailored to the airport or system's needs.



EVALUTES POTENTIAL ECONOMIC OUTCOMES:

ACTIVITIES:

1. Contributions of existing and future airport and system operations,
2. Changes in on-airport operations;
3. Capital investments: infrastructure, terminals, or freight related;
4. Changes in off-airport operations;
5. Changes in passenger volumes;
6. Changes in regional visitor spending;
7. Long Range Plans.

TYPE OF IMPACTS:

1. **Direct:** The direct impact of airport operations on the economy is represented by on-airport and visitor-related activities, as well as temporary construction.
2. **Indirect:** These supplier impacts are generated from the purchases of goods and services made by airport-based businesses, on-airport public sector agencies, and businesses in the hospitality industries.
3. **Induced:** This income impact is derived from new economic activity generating new payroll for workers and households. Additional business revenues, payroll, and jobs are supported as this income circulates within a specific region.