

## 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.



### 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.

## Select Airport



## Enter Visitor Spending

**Airport Capital Annual Budget** Baseline: \$76,800,078 Scenario: \$5,000,000  
**Airport Operational Annual Budget** Baseline: \$75,351,512 Scenario: \$75,351,512  
**Other On-Airport Capital Expenditures** Baseline: \$0 Scenario: \$0

COMMERCIAL		GENERAL AVIATION	
Baseline	Scenario	Baseline	Scenario
# Enclavements (people)	319,719	231,483	
# Operations			870
% Visitors	75.33	85.00	
% Transfer operations			75.00
Average # of people per operation			4.30
<b>Total Visitors</b>	<b>209,422</b>	<b>185,190</b>	
<b>Total Visitors</b>			<b>1,142</b>
<b>Total Visitors</b>			<b>1,305</b>

  

COMMERCIAL		GENERAL AVIATION	
Baseline	Scenario	Baseline	Scenario
Lodging \$ per trip	\$246	\$249	\$227
Restaurants/Bar \$ per trip	\$290	\$295	\$194
Local transportation \$ per trip	\$60	\$66	\$71
Retail \$ per trip	\$183	\$193	\$60
Entertainment \$ per trip	\$312	\$312	\$60
<b>Total spending \$ per trip</b>	<b>\$1,292</b>	<b>\$1,359</b>	<b>\$617</b>

## Enter Tenant Employment

Activity	Baseline	Scenario
Airline Companies	181	150
Airport Terminal Facilities & Administration	181	952
Car Rental	181	181
Charter Transportation (non-FBO)	181	0
FBO	181	0
Non-Airline Vehicle Repair and Maintenance	181	22
Repair of Aviation Equipment	181	38
Repair of Aviation Equipment	181	0
Sale of Aviation Equipment	181	0
Taxi/ Limo	181	29

## View Scenario Impact of all Airports

Economic Impact Summary On-Airport Jobs Temporary Contribution Jobs Visitor Spending Jobs Impact By Airport Scenario Impact

Cumulative Scenario Economic Impact by Industry for [State] Export All

Industry	Jobs (FTE)			Payroll (\$B)			Value Added (\$B)			Business Revenue (\$B)		
	Baseline	Scenario	% Change	Baseline	Scenario	% Change	Baseline	Scenario	% Change	Baseline	Scenario	% Change
On-Airport	171	14,482	8420%	\$351.95	\$182.45	52.1%	\$803.50	\$972.66	21.2%	\$1.85	\$1,764.23	14,696.0%
Temporary Contribution	21	42	100%	\$1.01	\$1.51	50%	\$2.30	\$47.3%	2047%	\$1.20	\$2.4%	200%
Visitor Spending	477	2,285	481%	\$18.02	\$120.84	560%	\$17.62	\$22.87	129%	\$196.52	\$128.66	65.5%
<b>Total</b>	<b>669</b>	<b>16,777</b>	<b>2500%</b>	<b>\$24.98</b>	<b>\$1,107.23</b>	<b>445%</b>	<b>\$37.88</b>	<b>\$1,942.23</b>	<b>516%</b>	<b>\$64.84</b>	<b>\$3,894.61</b>	<b>5973%</b>

  

Industry	Jobs (FTE)			Payroll (\$B)			Value Added (\$B)			Business Revenue (\$B)		
	Baseline	Scenario	% Change	Baseline	Scenario	% Change	Baseline	Scenario	% Change	Baseline	Scenario	% Change
On-Airport	66	25,980	39000%	\$395.45	\$187.74	47.5%	\$525.25	\$2,948.47	561%	\$1,696.7%	\$45.28	\$5,900.4%
Temporary Contribution	66	78	118%	\$3.28	\$3.46	105%	\$3.85	\$3.40	88%	\$5.17	\$10.27	197%
Visitor Spending	66	4,975	7538%	\$24.26	\$187.47	774%	\$15.18	\$256.17	1685%	\$11.44	\$468.56	4095%
<b>Total</b>	<b>132</b>	<b>26,024</b>	<b>19700%</b>	<b>\$424.99</b>	<b>\$2,078.67</b>	<b>487%</b>	<b>\$744.28</b>	<b>\$3,518.04</b>	<b>471%</b>	<b>\$2,813.3%</b>	<b>\$5,419.23</b>	<b>6570%</b>

## Economic Impact Summary

Economic Impact Summary Export All

Impact Type	Jobs (FTE)	Payroll (\$B)	Value Added (\$B)	Business Revenue (\$B)
Direct Impact	16,777	\$1,107.23	\$1,104.22	\$4,899.61
Indirect	15,482	\$882.05	\$1,785.14	\$2,792.14
Temporary Contribution	42	\$2.12	\$2.48	\$3.00
Visitor Spending	2,285	\$120.84	\$120.84	\$1,286.69
<b>Supplier Sales (Indirect Impact)</b>	<b>7,623</b>	<b>\$499.78</b>	<b>\$394.67</b>	<b>\$1,126.90</b>
On-Airport	6,482	\$416.15	\$119.61	\$1,034.00
Temporary Contribution	33	\$1.62	\$1.84	\$2.34
Visitor Spending	806	\$47.99	\$47.42	\$106.20
<b>Income Generating (Indirect Impact)</b>	<b>\$1.1B</b>	<b>\$411.24</b>	<b>\$1,461.39</b>	<b>\$1,130.87</b>
On-Airport	6,124	\$394.27	\$460.85	\$1,118.10
Temporary Contribution	66	\$3.18	\$3.49	\$4.18
Visitor Spending	64	\$34.79	\$34.84	\$79.59
<b>Total Impact</b>	<b>31,798</b>	<b>\$2,418.32</b>	<b>\$2,761.65</b>	<b>\$7,488.69</b>
On-Airport	23,960	\$1,229.64	\$2,217.74	\$9,004.19
Temporary Contribution	79	\$3.84	\$4.33	\$5.20
Visitor Spending	6,078	\$187.87	\$187.58	\$1,484.30

## Economic Impacts by Industry

