



2025 North Dakota
State Aviation System Plan



2025 North Dakota
Aviation Economic Impact Study

Beach Airport (20U)

Associated City: Beach



20U's Airport Economic Impacts

The impacts below present the sum of direct and multiplier impacts of all activity associated with 20U. The table below offers a breakdown of the total impacts by direct, multiplier, total, and source of impact.

Jobs

8

Payroll

\$505,000

Value Added

\$796,000

Output

\$1.42 M

Source of Impact	Jobs		
	Direct	Multiplier	Total
Airport Management	1	<1	1
Airport Tenants	0	0	0
Capital Expenditures	4	2	6
GA Visitor Spending	1	<1	1
CS Visitor Spending	N/A	N/A	N/A
Total Jobs Impacts	6	3	8

Source of Impact	Payroll		
	Direct	Multiplier	Total
Airport Management	\$7,000	\$9,000	\$16,000
Airport Tenants	\$0	\$0	\$0
Capital Expenditures	\$305,000	\$137,000	\$442,000
GA Visitor Spending	\$30,000	\$17,000	\$47,000
CS Visitor Spending	N/A	N/A	N/A
Total Payroll Impacts	\$342,000	\$163,000	\$505,000

Source of Impact	Value Added		
	Direct	Multiplier	Total
Airport Management	\$27,000	\$14,000	\$40,000
Airport Tenants	\$0	\$0	\$0
Capital Expenditures	\$441,000	\$236,000	\$678,000
GA Visitor Spending	\$50,000	\$28,000	\$78,000
CS Visitor Spending	N/A	N/A	N/A
Total Value Added Impacts	\$518,000	\$278,000	\$796,000

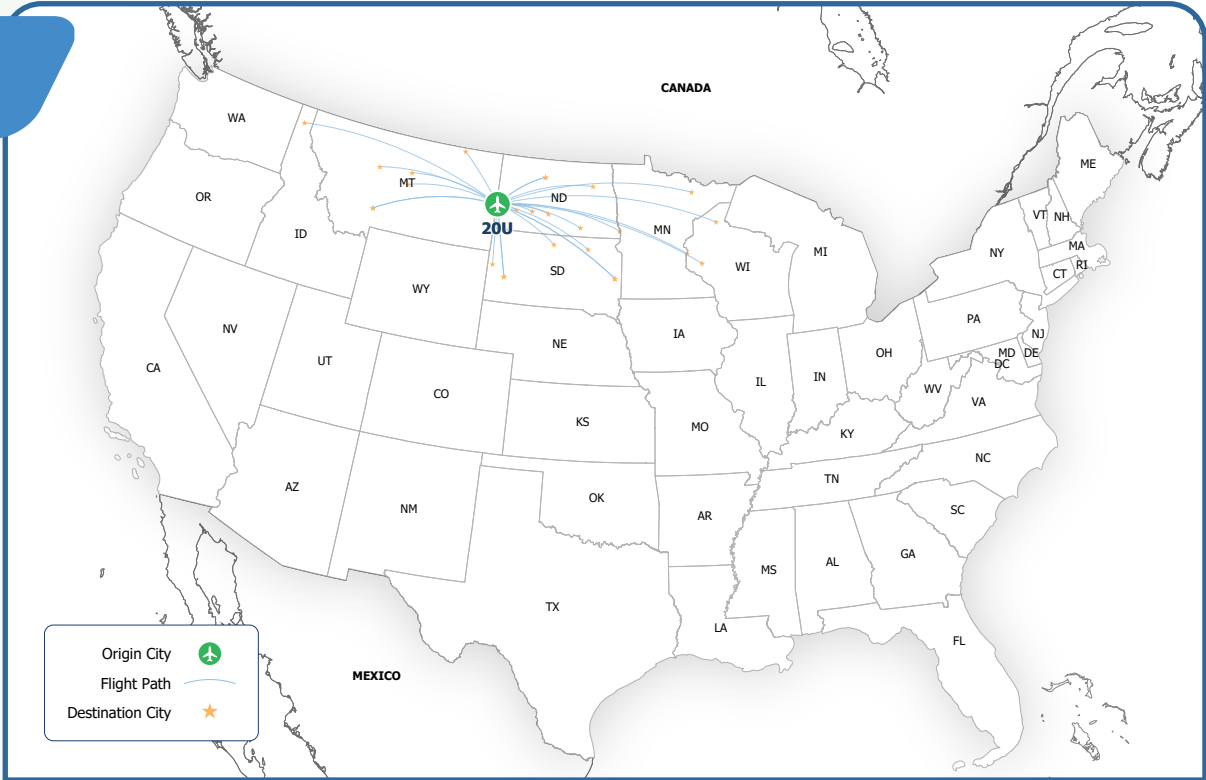
Source of Impact	Output		
	Direct	Multiplier	Total
Airport Management	\$33,000	\$24,000	\$57,000
Airport Tenants	\$0	\$0	\$0
Capital Expenditures	\$782,000	\$434,000	\$1.22 M
GA Visitor Spending	\$92,000	\$54,000	\$146,000
CS Visitor Spending	N/A	N/A	N/A
Total Output Impacts	\$906,000	\$513,000	\$1.42 M

Sources: 2025 NDAEIS Airport Manager Survey; IMPLAN, 2025; Kimley-Horn, 2025. Notes: Dollar values rounded to the nearest 1,000. Totals may not sum due to rounding.

Airport Flight Map

This Instrument Flight Rules (IFR) map shows annual flight activity data and helps to demonstrate the important role that 20U plays in providing time-saving connections for local and visiting businesses and residents. IFR Flights Completed as Filed between January 1, 2024, and December 31, 2024.

Source: FlightAware



Airport Facts

The airport and the activities it supports generate more than \$145,000 annually in federal, state, and local tax revenues.

An estimated 2,232 out-of-state visitors traveled through 20U in 2024 via general aviation aircraft.

Visitors using 20U spent approximately \$16,000 on lodging, \$27,000 on food and beverage, \$16,000 on local transportation, \$18,000 on retail, and \$15,000 on entertainment, supporting local businesses throughout the region.

20U offers 100LL and Jet-A services to based and transient aircraft, allowing the airport to support a variety of critical operations, such as recreational flying, corporate activity, and flight instruction.

Over the past four years, more than \$3.1 million has been invested in capital improvements at 20U, averaging approximately \$782,000 annually from federal, state, local, and private funding sources.

Study Methodology

Comprehensive data collection was essential to producing accurate economic impact estimates for calendar year 2024. Primary data sources, including airport staff, airport business tenants, and visitors, were used to estimate direct economic impacts. These data were gathered through onsite visits and a combination of in-person, telephone, and online surveys. Where needed, additional industry sources were consulted to supplement the primary data. A nationally recognized economic modeling platform, IMPLAN, was used to calculate multiplier effects. Economic impacts were estimated for airport management, airport tenants, capital investment activity, GA visitor spending, and commercial service visitor spending.

Economic Impact Levels

The economic impacts for North Dakota's airports are presented at three distinct levels (direct, multiplier, and total) to describe where in the economic cycle the impact is generated.

Direct Impacts

Airport Administration

Airport Tenants

Capital Investment

GA and Commercial Services Visitor Spending

Multiplier Impacts

Indirect

Portions of direct output used to purchase goods and services from businesses inside the study region

Induced

Income earned by workers from direct and supplier sales transactions that are then spent inside the study region

Total Impacts

There are four measures used to express the economic impact of North Dakota's airports: jobs, payroll, value added, and output.

Jobs

Total number of people employed. This includes both full-time and part-time because of aviation.

Payroll

Total employment compensation, including wages and benefits, of those employed

Value Added

The value of final goods and services produced locally because of economic activity, excluding the value of goods and services used to produce them

Output

Total expenditures associated with airport administration, capital projects, tenant sales of goods and services, as well as visitor spending in North Dakota's hospitality-related sectors

About Beach Airport

Located in western North Dakota, Beach Airport (20U) is a general aviation airport that serves as a vital gateway for economic development, emergency services, recreation, and tourism across the region. It plays a key role in emergency medical transport, enabling swift patient transfers between ground ambulances and fixed-wing aircraft. During wildfire season, the North Dakota Air National Guard stages firefighting operations at the airport, using nearby lagoons to protect lives and property. Outdoor recreation, especially hunting, brings thousands of visitors annually via the airport, contributing significantly to the local economy through spending on licenses, lodging, and supplies. Agriculture benefits from aerial applicators who rely on the airport to treat vast farmland efficiently, particularly when wet conditions hinder ground access. Altogether, Beach Airport plays a multifaceted role in connecting communities, supporting essential services, and driving regional growth.



Airport Activities



Recreational Flying



Aerial Firefighting



Flight Instruction



Corporate Activity



Military Training

Runways

The most critical infrastructure of an airport is the runway system. Runway characteristics determine the types of activity the airport can support.

Type	Orientation	Dimensions	Surface	Approach
Primary Runway	12/30	4,200 ft x 60 ft	Asphalt	RNAV (GPS) / RNAV (GPS)
Secondary Runway	N/A	N/A	N/A	N/A
Tertiary Runway	N/A	N/A	N/A	N/A
Additional Runway	N/A	N/A	N/A	N/A

Aviation Activity Demand Forecasts

Aviation activity demand forecasts are included in the NDSASP to understand how aviation demand is expected to change over time. These forecasts help inform future infrastructure needs and long-term system planning decisions.

Activity Type	Base Year (2024)	Future Year (2044)	2024-2044 CAGR
Commercial Service Enplanements	N/A	N/A	N/A
Commercial Service Operations	N/A	N/A	N/A
General Aviation Operations	3,600	4,010	0.54%
Based Aircraft	11	13	0.84%

Note: CAGR = Compound Annual Growth Rate