



2025 North Dakota
State Aviation System Plan



2025 North Dakota
Aviation Economic Impact Study

Harvey Municipal Airport (5H4)

Associated City: Harvey



5H4's Airport Economic Impacts

The impacts below present the sum of direct and multiplier impacts of all activity associated with 5H4. The table below offers a breakdown of the total impacts by direct, multiplier, total, and source of impact.

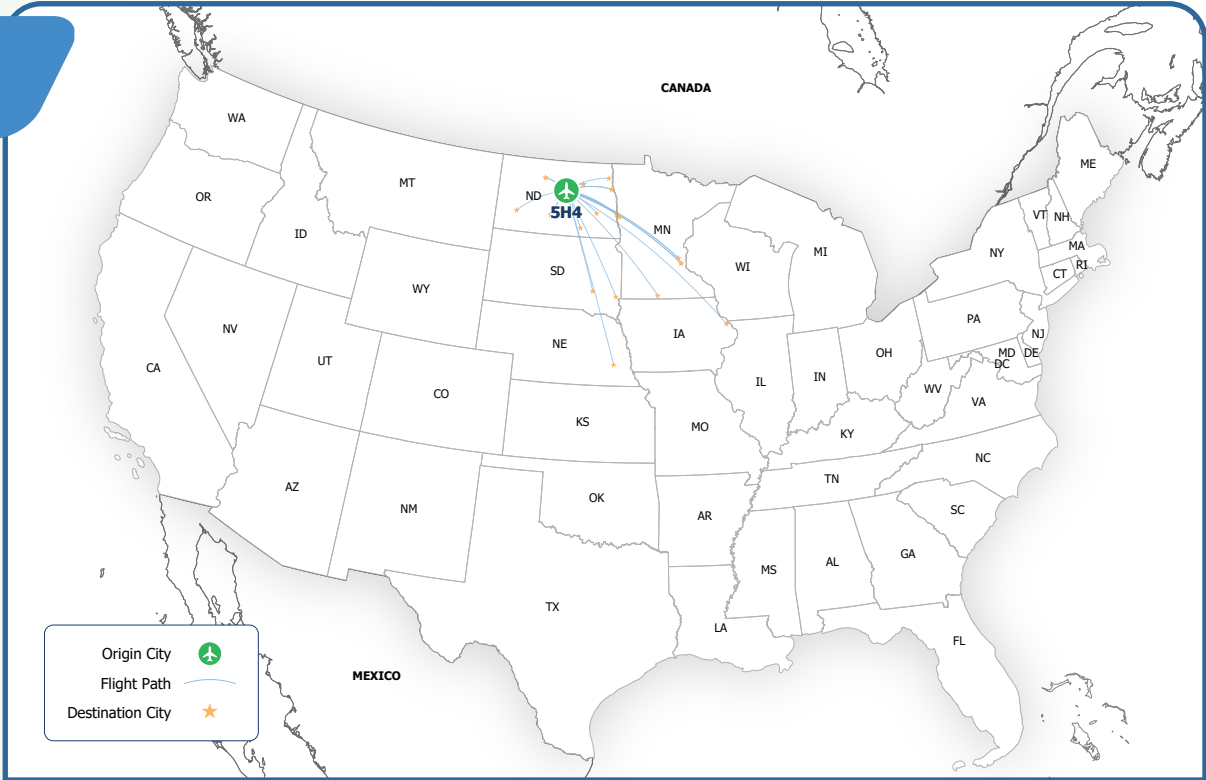
Jobs				Payroll				Value Added				Output			
 7				 \$304,000				 \$438,000				 \$677,000			
Source of Impact		Jobs			Source of Impact		Payroll			Source of Impact		Output			
	Direct	Multiplier	Total		Direct	Multiplier	Total		Direct	Multiplier	Total		Direct	Multiplier	Total
Airport Management	1	<1	1	Airport Management	\$2,000	\$16,000	\$18,000	Airport Management	\$62,000	\$46,000	\$108,000	Airport Management	\$62,000	\$46,000	\$108,000
Airport Tenants	3	1	4	Airport Tenants	\$162,000	\$42,000	\$204,000	Airport Tenants	\$200,000	\$121,000	\$321,000	Airport Tenants	\$200,000	\$121,000	\$321,000
Capital Expenditures	<1	<1	1	Capital Expenditures	\$26,000	\$13,000	\$39,000	Capital Expenditures	\$74,000	\$41,000	\$116,000	Capital Expenditures	\$74,000	\$41,000	\$116,000
GA Visitor Spending	1	<1	1	GA Visitor Spending	\$26,000	\$16,000	\$42,000	GA Visitor Spending	\$83,000	\$49,000	\$132,000	GA Visitor Spending	\$83,000	\$49,000	\$132,000
CS Visitor Spending	N/A	N/A	N/A	CS Visitor Spending	N/A	N/A	N/A	CS Visitor Spending	N/A	N/A	N/A	CS Visitor Spending	N/A	N/A	N/A
Total Jobs Impacts	5	1	7	Total Payroll Impacts	\$216,000	\$87,000	\$304,000	Total Output Impacts	\$420,000	\$258,000	\$677,000	Total Value Added Impacts	\$295,000	\$142,000	\$438,000
Source of Impact		Value Added			Source of Impact		Output								
	Direct	Multiplier	Total		Direct	Multiplier	Total		Direct	Multiplier	Total				
Airport Management	\$49,000	\$26,000	\$75,000	Airport Management	\$62,000	\$46,000	\$108,000	Airport Management	\$62,000	\$46,000	\$108,000				
Airport Tenants	\$167,000	\$68,000	\$236,000	Airport Tenants	\$200,000	\$121,000	\$321,000	Airport Tenants	\$200,000	\$121,000	\$321,000				
Capital Expenditures	\$36,000	\$22,000	\$59,000	Capital Expenditures	\$74,000	\$41,000	\$116,000	Capital Expenditures	\$74,000	\$41,000	\$116,000				
GA Visitor Spending	\$43,000	\$25,000	\$68,000	GA Visitor Spending	\$83,000	\$49,000	\$132,000	GA Visitor Spending	\$83,000	\$49,000	\$132,000				
CS Visitor Spending	N/A	N/A	N/A	CS Visitor Spending	N/A	N/A	N/A	CS Visitor Spending	N/A	N/A	N/A				
Total Value Added Impacts	\$295,000	\$142,000	\$438,000	Total Output Impacts	\$420,000	\$258,000	\$677,000	Total Value Added Impacts	\$295,000	\$142,000	\$438,000				

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 5H4 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 approximately \$90,000 annually in federal, state, and local tax revenues.

An estimated 922 out-of-state visitors traveled through 5H4 in 2024 via general aviation aircraft.

Visitors using 5H4 spent approximately \$14,000 on lodging, \$24,000 on food and beverage, \$15,000 on local transportation, \$17,000 on retail, and \$13,000 on entertainment, supporting local businesses throughout the region.

5H4 offers 100LL services to based and transient aircraft, allowing the airport to support a variety of critical operations, such as recreational flying, flight instruction, and corporate activity.

Over the past four years, more than \$298,000 has been invested in capital improvements at 5H4, averaging approximately \$74,000 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.



About Harvey Municipal Airport

Located just one mile north of Harvey in Wells County, North Dakota, Harvey Municipal Airport (5H4) is a publicly owned general aviation facility serving the heart of central North Dakota. With an asphalt runway and 24-hour self-service fuel, the airport supports a wide range of operations from emergency medical transport to agricultural aviation and recreational flying. Healthcare access is a critical function of the airport. Physicians from medical centers in Bismarck regularly fly in to provide specialty care at local clinics. The airport also supports emergency patient transfers and is used for organ and tissue transport, helping connect rural patients to life-saving procedures. Helm Flying Service, based at the airport, plays a key role in supporting area agriculture through aerial applications that boost crop and cattle productivity. Recreational pilots also use the airport for hobby flying, contributing to the region’s aviation culture and community engagement. Each September, the airport hosts an annual Fly-In featuring a Lions Club breakfast and a unique flea market for aircraft parts organized by a local auction house, an event that draws aviation enthusiasts and community members together. Harvey Municipal Airport is a small but powerful asset enhancing healthcare, agriculture, and quality of life for residents and visitors across central North Dakota.



Airport Activities



Recreational Flying



Flight Instruction



Corporate Activity



Gateway for Recreation



Medevac

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	11/29	3,600 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	1,700	1,700	0.00%
Based Aircraft	10	12	0.92%

Note: CAGR = Compound Annual Growth Rate