

# Aviation Activity is Growing

The 8 commercial and 103 general aviation airports throughout Iowa serve a variety of user needs and varying levels of demand. Commercial airports are those that have service by at least one scheduled commercial airline; all other airports are included in the general aviation category. As shown below, all aviation activity indicators for airports in Iowa are expected to grow in the coming years.



## Statewide Aviation Demand in Iowa

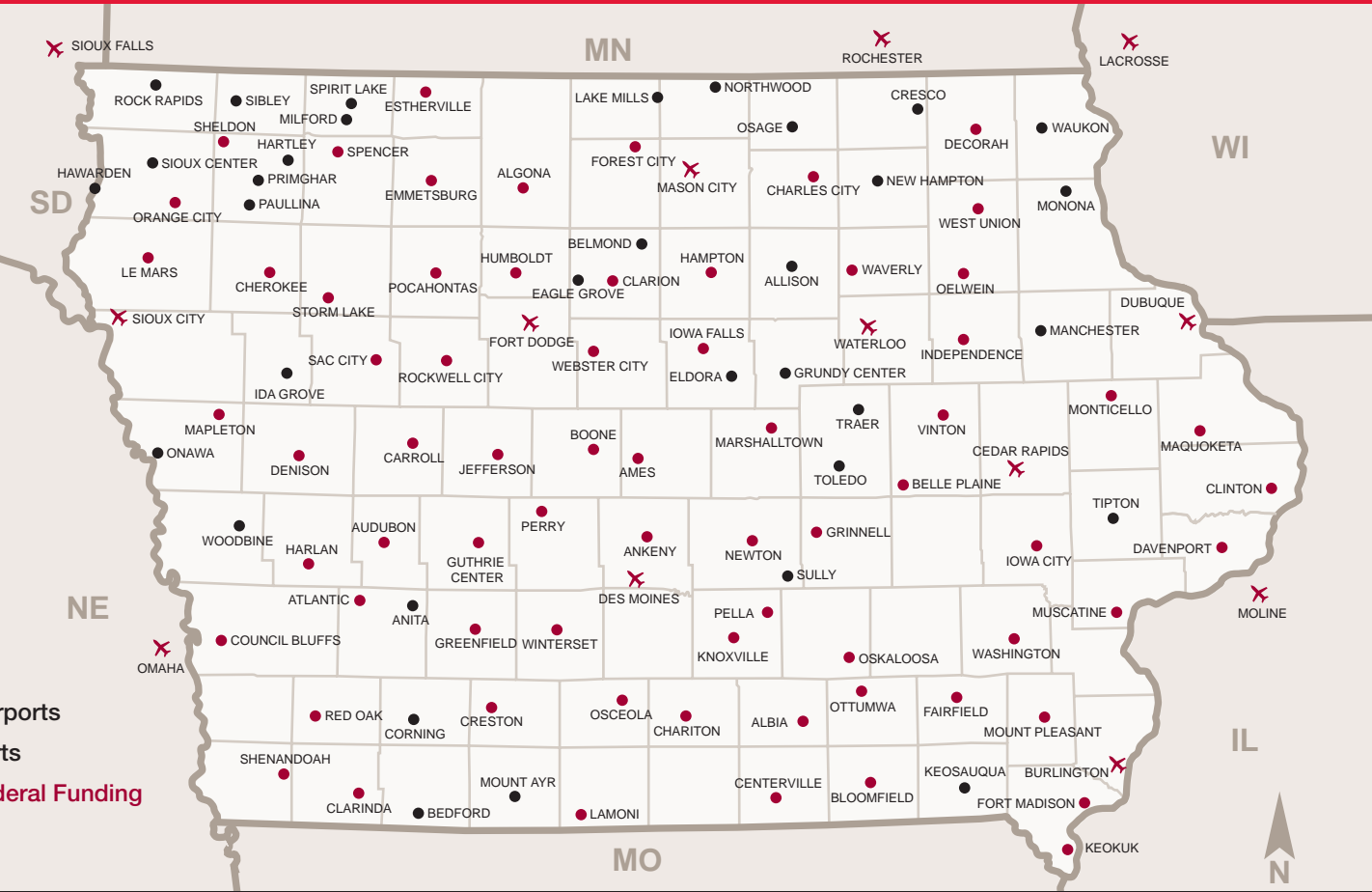
	Current	2022
Aircraft Takeoffs and Landings	1,300,277	1,711,685
Based Aircraft at Public Airports	2,446	2,877
Boarding Commercial Airline Passengers	1,501,546	2,407,418
Air Cargo (pounds)	245,127,874	297,427,283
Active Pilots in Iowa	6,714	7,264

According to Federal Aviation Administration (FAA) records, there are more than 3,800 aircraft registered to Iowa residents.



## The Iowa Aviation System

Airports in Iowa serve different users and have different roles. As a result, the facility and service needs of airports vary. For planning purposes, the Iowa Department of Transportation (DOT) has defined roles for all public airports. Anticipated population and employment growth, as well as projected aviation demand, help determine how the aviation system should be enhanced to meet needs.



## Development Costs and Funding for Airports in Iowa

To move toward the vision set for the public aviation system, at least \$821 million will be needed for development of Iowa's aviation system over the next 20 years (\$493 million at commercial airports and \$328 million at general aviation airports).

From the total anticipated improvement costs, an estimated

- \$387 million would be needed to improve airfield facilities
- \$140 million would be needed for vertical infrastructure improvements such as hangars, terminals, and maintenance buildings

- \$294 million would be needed for runway safety areas, equipment, parking, communications, weather and other development

An average of \$42 million will be required in each of the next 20 years to respond to growing needs.

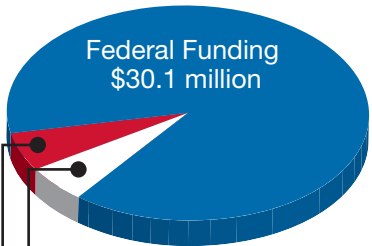
Iowa has 77 airports that are eligible for projects funded by the Federal Airport and Airways Trust Fund. This aviation trust fund is funded exclusively from aviation user fees.

On average over the last seven years, total annual federal, state, and local investment in airports in Iowa averaged \$36.6 million each year. Based on

average historic funding levels and annual needs of approximately \$42 million over the next 20 years, a funding shortfall of approximately \$108 million can be expected.

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### Annual Average Funding 1998-2004 for Airports in Iowa



State Funding \$2.6 million  
Local Funding \$3.8 million

Total Annual Average Funding \$36.6 million



# What Airports Mean to Iowa

In partnership with the FAA and various cities, counties, and authorities, the Iowa DOT helps to direct the systematic development of the public airports in Iowa. The Iowa DOT strives to ensure that public airports in Iowa are positioned to meet customer needs. The customers for airports in Iowa are businesses, residents, and visitors.

Airports in Iowa range from those that serve the nation's major scheduled airlines, to airports that serve the needs of major corporations, to smaller airports that serve local air transportation needs. Airports in Iowa are important because they:

- Contribute at least \$834 million each year to the state's economy
- Help to support at least 10,000 jobs
- Are part of a multi-modal transportation system that helps Iowa stay competitive in an increasing global economy
- Support the state's business, industrial and agricultural sectors
- Are essential to job retention and recruitment for economic development groups and communities throughout the state
- Support many vital and emergency services that improve the lives of all Iowa residents

## Facts on the Iowa Aviation System

17 public airports have runways and approaches that are capable of serving the needs of most corporate aircraft.

72 public airports have sufficient hangar facilities to meet current demand levels; additional hangars will be needed to meet growing demand at most airports.

92 public airports report existing obstructions to runway approaches.

85 public airports report taking at least some steps to promote compatible land use in areas surrounding their airport.

55 public airports provide ground transportation and fueling services that are most often sought by business/corporate users.

Iowa has an excellent aviation system, but steps are needed to meet the objectives of a safe and efficient system of public airports.

# Steps Needed To Meet the Vision

If Iowa is to meet the vision that has been set for the airports, the following should be considered:

- Develop a system of enhanced airports to meet the needs of corporate aircraft
- Build hangars to meet the needs of based aircraft at all airports
- Identify and address obstructions to primary runway approaches at all airports
- Provide guidance that increases safety and security at all airports
- Establish guidelines that help all airports and communities promote land use planning and compatible land use around airports
- Develop facilities and services at selected airports to meet the needs of personal and business travelers using airports around the state.

To meet the vision that has been established for airports in Iowa, federal, state, local and private partnerships are needed. These partnerships will enable the Iowa Aviation System to meet future demand.



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# Iowa Aviation System



## Vision For Iowa Airports

To have safe, quality facilities and services that support transportation demands while meeting economic and quality of life needs in Iowa.