NextGen Airports

Measuring the Performance of Airports

The FAA measures and reports the performance of airports where NextGen technologies have been implemented. Airport performance results provide crucial information to air traffic controllers, airports and airlines and help them plan schedules and anticipate traffic levels.

Airline operators prefer to set departure and arrival times and the flight routes of their choice. And knowing how long an aircraft must wait to depart, operators can plan for the impacts to fuel burn, emissions and the passenger experience.

The NPS reports the performance, based on efficiency and capacity, of the Core 30 Airports. These are airports in major metropolitan areas with the highest volume of traffic. Complex, high-density operations are the breeding ground for traffic congestion and delays.

To identify areas where improvements can be made, we measure an airport's daily capacity as well as airlines' scheduled versus actual flight time performance. In addition to improvements from NextGen capabilities, myriad factors influence those metrics, including weather, aircraft types, traffic volume and runway conditions.

Most airport metrics in this section are available for fiscal years (FY) 2009-2014, while two efficiency metrics report data for FY 2011-2014.

For more information please see the NextGen Operational Performance Assessment.

Airport Locations

Airport Locations

Airport Name	Airport Abbreviation
Baltimore/Washington International Thurgood Marshall Airport	BWI
Boston - General Edward Lawrence Logan Airport	BOS
Charlotte-Douglas International Airport	CLT
Chicago Midway International Airport	MDW
Chicago O'Hare International Airport	ORD
Dallas/Fort Worth International Airport	DFW
Denver International Airport	DEN
Detroit Metropolitan Wayne County Airport	DTW
Fort Lauderdale-Hollywood International Airport	FLL
Hartsfield-Jackson Atlanta International Airport	ATL
Honolulu International Airport	HNL
Houston - George Bush Intercontinental Airport	IAH
Las Vegas - McCarran International Airport	LAS

Los Angeles International Airport	LAX
Memphis International Airport	MEM
Miami International Airport	MIA
Minneapolis-St. Paul International/Wold-Chamberlain Airport	MSP
New York - John F. Kennedy International Airport	JFK
New York - LaGuardia Airport	LGA
Newark Liberty International Airport	EWR
Orlando International Airport	MCO
Philadelphia International Airport	PHL
Phoenix Sky Harbor International Airport	PHX
Ronald Reagan Washington National Airport	DCA
Salt Lake City International Airport	SLC
San Diego International Airport	SAN
San Francisco International Airport	SFO
Seattle-Tacoma International Airport	SEA
Tampa International Airport	TPA
Washington Dulles International Airport	IAD

List of Airport Locations