

NextGen NextGen Performance Snapshots

The FAA has completed a redesign of airspace, introduced new Performance Based Navigation (PBN) procedures, and made use of Time Based Flow Management (TBFM) to make the Houston Metroplex airspace more efficient with improved access to its airports. Some of the airports in the focus area include: David Wayne Hooks Memorial (DWH), William P. Hobby (HOU), George Bush Intercontinental (IAH) and Sugar Land Regional (SGR). The information below may also include data from nearby airports outside of the Houston Metroplex (please see the [Reference Guide](#) for additional information).

All results are reported by Fiscal Year (FY), October 1 — September 30.

Projected Annual Benefits

Source: FAA — [Houston Metroplex Post Implementation Team](#)

\$5.3 Million

Value of Fuel Savings

1.8 Million Gallons

Fuel Savings

15.7 Thousand Metric Tons

Carbon Savings

The metroplex procedural improvements have been completed. These annual benefits are based on post-implementation estimates. The value of the fuel savings is based on a \$2.85-per-gallon rate. The data estimates are current as of July 2015.

Houston Average Daily Metroplex Traffic (FY09–FY17)

Source: Operational Network (OPSNET)

Average Daily Metroplex Traffic (FY09–FY17)

FY	Commercial Air Carrier	General Aviation	Military	Total Operations
2009	1,835	997	12	2,844
2010	1,810	924	12	2,745
2011	1,831	869	19	2,720
2012	1,793	784	16	2,593
2013	1,778	835	15	2,628
2014	1,785	809	15	2,609
2015	1,769	657	22	2,447

2016	1,695	618	16	2,329
2017	1,623	642	10	2,275

Average Daily Scheduled Flights (FY09–FY17)

Source: Bureau of Transportation Statistics (BTS)/Air Carrier Statistics Database

Average Daily Scheduled Flights (FY09–FY17)

FY	2009	2010	2011	2012	2013	2014	2015	2016	2017
Scheduled Flights	1,694	1,655	1,651	1,621	1,463	1,615	1,600	1,571	1,475

Houston Metroplex Airports

DWH

David Wayne Hooks Memorial Airport

HOU

William P. Hobby Airport

IAH

Houston - George Bush Intercontinental Airport

SGR

Sugar Land Regional Airport

For a more detailed list of airports considered in this project, please see the following site:
<http://metroplexenvironmental.com/oapm.html>