NextGen Metroplex – Southern California

The FAA is redesigning airspace and addressing inefficiencies, introducing new Performance Based Navigation (PBN) procedures, and making use of Time Based Flow Management (TBFM) to make the Southern California Metroplex airspace more efficient and improve access to its airports. The effort focuses on a number of airports, including Bob Hope (BUR), Hawthorne Municipal (HHR), Los Angeles International (LAX), Long Beach (LGB), Ontario International (ONT), Oxnard (OXR), Palm Springs International (PSP), San Diego International (SAN), Santa Monica Municipal (SMO), John Wayne-Orange County (SNA), and Van Nuys (VNY). The information below may also include data from nearby airports outside of the Southern California 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 — Southern California Metroplex Study Team

$7.8 Million

Value of Fuel Savings

2.7 Million Gallons

Fuel Savings

23.3 Thousand Metric Tons

Carbon Savings

These are annual benefits expected to accrue upon completion of the NextGen near-term procedural improvements implemented by the FAA's Metroplex program. They are based on the FAA's preliminary assessment of proposed airspace improvements compared to operations in a year before any improvements were made. The value of the projected fuel savings is based on a $2.85 per gallon rate. The data estimates are current as of July 2015.

Southern California Average Daily Metroplex Traffic (FY09–FY14)

Source: Operational Network (OPSNET)

Average Daily Metroplex Traffic (FY09–FY14)

FY	Commercial Air Carrier	General Aviation	Military	Total Operations
2009	2,949	3,085	22	6,057
2010	2,932	3,023	21	5,977
2011	2,940	2,905	21	5,866
2012	2,963	2,763	23	5,749
2013	2,966	2,727	23	5,716
2014	3,055	2,816	26	5,897

Average Daily Scheduled Flights (FY09–FY14)

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

Average Daily Scheduled Flights (FY09–FY14)

FY	2009	2010	2011	2012	2013	2014
Scheduled Flights	2,515	2,476	2,497	2,508	2,292	2,557

Southern California Metroplex Airports

BUR
Bob Hope Airport

HHR
Hawthorne Municipal Airport

LAX
Los Angeles International Airport

LGB
Long Beach Airport

ONT
Ontario International Airport

OXR
Oxnard Airport

PSP
Palm Springs International Airport

SAN
San Diego International Airport

SMO
Santa Monica Municipal Airport

SNA
John Wayne Airport-Orange County Airport

VNY
Van Nuys Airport