NextGen Metroplex – Northern 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 Northern California Metroplex airspace more efficient and improve access to its airports. The effort focuses on a number of airports, including Hayward Executive (HWD), Oakland International (OAK), Palo Alto Airport of Santa Clara County (PAO), San Francisco International (SFO), Norman Y. Mineta San Jose International (SJC), and Sacramento International (SMF). The information below may also include data from nearby airports outside of the Northern 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 — Northern California Metroplex Study Team

$3.7 Million

Value of Fuel Savings

1.3 Million Gallons

Fuel Savings

11.0 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.

Northern 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	2,042	1,208	27	3,277
2010	1,995	1,050	28	3,073
2011	1,987	1,056	33	3,075
2012	2,044	1,078	38	3,160
2013	2,011	1,058	30	3,100
2014	2,062	1,128	30	3,220

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	1,804	1,746	1,751	1,813	1,646	1,824

Northern California Metroplex Airports

HWD
Hayward Executive Airport

OAK
Oakland International Airport

PAO
Palo Alto Airport of Santa Clara County Airport

SFO
San Francisco International Airport

SJC
Norman Y. Mineta San Jose International Airport

SMF
Sacramento International Airport