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## NextGen City Pairs

### Measuring the Performance of City Pairs

City pairs refer to the origin and destination cities of flights and are significant for how airlines plan their service. The majority of city pairs for which metrics are reported on the NPS website were identified by the NextGen Advisory Committee (NAC). For most city pairs, data is available for fiscal years 2009-2013.

City pair metrics provide important information to air traffic controllers, airports and airlines that help them plan schedules and anticipate traffic levels. Understanding and tracking the time variation for city pair operations can lead to improved traffic flow management and flight scheduling, as well as reduced fuel consumption and emissions.

Performance metrics are sorted by city pairs grouped by **metroplex** — complex, high- traffic areas of metropolitan airspace that can include several major and reliever airports. The NPS city pairs operate out of the **Core 30 Airports**, which are airports that have an overall significance to the national airspace system based on air traffic operations and passenger boardings.

Included in the city pairs performance metrics are the predictability and efficiency key performance areas, which analyze the annual performance for flights between a city pair operating in the direction indicated. The Effective Gate-to-Gate Time metric measures the average time between the scheduled gate departure and actual gate arrival at the destination. The Airborne Time Predictability metric measures the predictability of time elapsed from takeoff to landing for a selected city pair. Determining city pair gate-to-gate performance times can help airlines decide the most efficient way to connect markets.

[More](#)

### Metroplex City Pairs

#### City Pairs by Metroplex

Metroplex Name	City Pairs
Atlanta	ATL - DFW ATL - EWR ATL - FLL ATL - LGA ATL - MIA
Boston	BOS - BWI BOS - DCA BOS - EWR BOS - IAD BOS - JFK
Charlotte	BWI - CLT CLT - DCA CLT - EWR CLT - IAD CLT - JFK CLT - LGA CLT - ORD

Chicago	BWI - ORD CLT - ORD DCA - ORD DEN - ORD DFW - ORD EWR - MDW EWR - ORD JFK - ORD LGA - MDW LGA - ORD MEM - ORD MSP - ORD ORD - PHL
D.C.	BOS - BWI BOS - DCA BOS - IAD BWI - CLT BWI - ORD CLT - DCA CLT - IAD DCA - EWR DCA - ORD IAD - JFK IAD - LGA
Denver	DEN - LAX DEN - ORD
Houston	DFW - IAH
Las Vegas Valley	LAS - LAX LAS - SAN
Memphis	EWR - MEM MEM - ORD
Minneapolis-St. Paul	MSP - ORD
New York/Philadelphia	ATL - EWR ATL - LGA BOS - EWR BOS - JFK CLT - EWR CLT - JFK CLT - LGA DCA - EWR EWR - FLL EWR - LAX EWR - MCO EWR - MDW EWR - MEM EWR - MIA EWR - ORD FLL - JFK FLL - LGA

	IAD - JFK IAD - LGA JFK - MCO JFK - MIA JFK - ORD JFK - SFO LGA - MCO LGA - MDW LGA - MIA LGA - ORD ORD - PHL
North Texas	ATL - DFW DFW - IAH DFW - LAX DFW - ORD
Northern California	JFK - SFO LAX - SFO SAN - SFO SEA - SFO
Orlando	EWR - MCO JFK - MCO LGA - MCO
Phoenix	LAX - PHX PHX - SAN
Seattle	SEA - SFO
South Florida	ATL - FLL ATL - MIA EWR - FLL EWR - MIA FLL - JFK FLL - LGA JFK - MIA LGA - MIA
Southern California	DEN - LAX DFW - LAX EWR - LAX LAS - LAX LAS - SAN LAX - PHX LAX - SFO PHX - SAN SAN - SFO

List of Metroplex City Pairs