United States Department of Transportation

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: On-Time Performance

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Field Name	Description	
Summaries		
*OntimeArrivalPct	Percent of flights that arrive on time. For percent of on time arrivals at specific airports, click Analysis. **Note**: If you select Origin as a category, you get percent of flights that depart from those airports and arrive on time.	Analysis
*OntimeDeparturePct	Percent of flights that depart on time. For percent of on time departures at specific airports, click Analysis. **Note**: If you select Dest as a category, you get percent of flights that depart on time and arrive at those airports.	Analysis
Time Period		
Year	Year	
Quarter	Quarter (1-4)	Analysis
Month	Month	Analysis
DayofMonth	Day of Month	
DayOfWeek	Day of Week	Analysis
FlightDate	Flight Date (yyyymmdd)	
Airline		
UniqueCarrier	Unique Carrier Code. When the same code has been used by multiple carriers, a numeric suffix is used for earlier users, for example, PA, PA(1), PA(2). Use this field for analysis across a range of years.	Analysis
AirlineID	An identification number assigned by US DOT to identify a unique airline (carrier). A unique airline (carrier) is defined as one holding and reporting under the same DOT certificate regardless of its Code, Name, or holding company/corporation.	Analysis
Carrier	Code assigned by IATA and commonly used to identify a carrier. As the same code may have been assigned to different carriers over time, the code is not always unique. For analysis, use the Unique Carrier Code.	
TailNum	Tail Number	
FlightNum	Flight Number	
Origin		
OriginAirportID	Origin Airport, Airport ID. An identification number assigned by US DOT to identify a unique airport. Use this field for airport analysis across a range of years because an airport can change its airport code and airport codes can be reused.	Analysis
OriginAirportSeqID	Origin Airport, Airport Sequence ID. An identification number assigned by US DOT to identify a unique airport at a given point of time. Airport attributes, such as airport name or coordinates, may change over time.	
OriginCityMarketID	Origin Airport, City Market ID. City Market ID is an identification number assigned by US DOT to identify a city market. Use this field to consolidate airports serving the same city market.	Analysis
Origin	Origin Airport	Analysis
OriginCityName	Origin Airport, City Name	
OriginState	Origin Airport, State Code	Analysis
OriginStateFips	Origin Airport, State Fips	Analysis
OriginStateName	Origin Airport, State Name	
OriginWac	Origin Airport, World Area Code	Analysis
Destination		
DestAirportID	Destination Airport, Airport ID. An identification number assigned by US DOT to identify a unique airport. Use this field for airport analysis across a range of years because an airport can change its airport code and airport codes can be reused.	Analysis

DestAirportSeqID	Destination Airport, Airport Sequence ID. An identification number assigned by US DOT to identify a unique airport at a given point of time. Airport attributes, such as airport name or coordinates, may change over time.	
DestCityMarketID	Destination Airport, City Market ID. City Market ID is an identification number assigned by US DOT to identify a city market. Use this field to consolidate airports serving the same city market.	Analysis
Dest	Destination Airport	Analysis
DestCityName	Destination Airport, City Name	
DestState	Destination Airport, State Code	Analysis
DestStateFips	Destination Airport, State Fips	Analysis
DestStateName	Destination Airport, State Name	
DestWac	Destination Airport, World Area Code	Analysis

Departure Performance

CRSDepTime	CRS Departure Time (local time: hhmm)	
DepTime	Actual Departure Time (local time: hhmm)	
DepDelay	Difference in minutes between scheduled and actual departure time. Early departures show negative numbers.	Analysis
DepDelayMinutes	Difference in minutes between scheduled and actual departure time. Early departures set to 0.	Analysis
DepDel15	Departure Delay Indicator, 15 Minutes or More (1=Yes)	Analysis
DepartureDelayGroups	Departure Delay intervals, every (15 minutes from <-15 to >180)	Analysis
DepTimeBlk	CRS Departure Time Block, Hourly Intervals	Analysis
TaxiOut	Taxi Out Time, in Minutes	Analysis
WheelsOff	Wheels Off Time (local time: hhmm)	

Arrival Performance

WheelsOn	Wheels On Time (local time: hhmm)	
TaxiIn	Taxi In Time, in Minutes	Analysis
CRSArrTime	CRS Arrival Time (local time: hhmm)	
ArrTime	Actual Arrival Time (local time: hhmm)	
ArrDelay	Difference in minutes between scheduled and actual arrival time. Early arrivals show negative numbers.	Analysis
ArrDelayMinutes	Difference in minutes between scheduled and actual arrival time. Early arrivals set to 0.	Analysis
ArrDel15	Arrival Delay Indicator, 15 Minutes or More (1=Yes)	Analysis
ArrivalDelayGroups	Arrival Delay intervals, every (15-minutes from <-15 to >180)	Analysis
ArrTimeBlk	CRS Arrival Time Block, Hourly Intervals	Analysis

Cancellations and Diversions

Cancelled	Cancelled Flight Indicator (1=Yes)	Analysis
CancellationCode	Specifies The Reason For Cancellation	Analysis
Diverted	Diverted Flight Indicator (1=Yes)	Analysis

Flight Summaries

CRSElapsedTime	CRS Elapsed Time of Flight, in Minutes	Analysis
ActualElapsedTime	Elapsed Time of Flight, in Minutes	Analysis
AirTime	Flight Time, in Minutes	Analysis
Flights	Number of Flights	Analysis
Distance	Distance between airports (miles)	Analysis
DistanceGroup	Distance Intervals, every 250 Miles, for Flight Segment	Analysis

Cause of Delay (Data starts 6/2003)

CarrierDelay	Carrier Delay, in Minutes	Analysis
WeatherDelay	Weather Delay, in Minutes	Analysis
NASDelay	National Air System Delay, in Minutes	Analysis
SecurityDelay	Security Delay, in Minutes	Analysis
LateAircraftDelay	Late Aircraft Delay, in Minutes	Analysis

Gate Return Information at Origin Airport (Data starts 10/2008)

FirstDepTime	First Gate Departure Time at Origin Airport	
TotalAddGTime	Total Ground Time Away from Gate for Gate Return or Cancelled Flight	Analysis
LongestAddGTime	Longest Time Away from Gate for Gate Return or Cancelled Flight	Analysis

Diverted Airport Information (Data starts 10/2008)

DivAirportLandings	Number of Diverted Airport Landings	Analysis
DivReachedDest	Diverted Flight Reaching Scheduled Destination Indicator (1=Yes)	Analysis
DivActualElapsedTime	Elapsed Time of Diverted Flight Reaching Scheduled Destination, in Minutes. The ActualElapsedTime column remains NULL for all diverted flights.	Analysis
DivArrDelay	Difference in minutes between scheduled and actual arrival time for a diverted flight reaching scheduled destination. The ArrDelay column remains NULL for all diverted flights.	Analysis
DivDistance	Distance between scheduled destination and final diverted airport (miles). Value will be 0 for diverted flight reaching scheduled destination.	Analysis
Div1Airport	Diverted Airport Code1	
Div1AirportID	Airport ID of Diverted Airport 1. Airport ID is a Unique Key for an Airport	
Div1AirportSeqID	Airport Sequence ID of Diverted Airport 1. Unique Key for Time Specific Information for an Airport	
Div1WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code1	
Div1TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code1	
Div1LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code1	
Div1WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code1	
Div1TailNum	Aircraft Tail Number for Diverted Airport Code1	
Div2Airport	Diverted Airport Code2	
Div2AirportID	Airport ID of Diverted Airport 2. Airport ID is a Unique Key for an Airport	
Div2AirportSeqID	Airport Sequence ID of Diverted Airport 2. Unique Key for Time Specific Information for an Airport	
Div2WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code2	
Div2TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code2	
Div2LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code2	
Div2WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code2	
Div2TailNum	Aircraft Tail Number for Diverted Airport Code2	
Div3Airport	Diverted Airport Code3	
Div3AirportID	Airport ID of Diverted Airport 3. Airport ID is a Unique Key for an Airport	
Div3AirportSeqID	Airport Sequence ID of Diverted Airport 3. Unique Key for Time Specific Information for an Airport	
Div3WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code3	
Div3TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code3	
Div3LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code3	
Div3WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code3	
Div3TailNum	Aircraft Tail Number for Diverted Airport Code3	
Div4Airport	Diverted Airport Code4	
Div4AirportID	Airport ID of Diverted Airport 4. Airport ID is a Unique Key for an Airport	
Div4AirportSeqID	Airport Sequence ID of Diverted Airport 4. Unique Key for Time Specific Information for an Airport	
Div4WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code4	
Div4TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code4	

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