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On-Time : Reporting Carrier On-Time Performance (1987-present)

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Latest Available Data: July 2019

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☐ Prezipped File ☐ % Missing ☐ Documentation ☐ Terms

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Field Name	Description	Support Table
<strong>Time Period</strong>		
<input checked="" type="checkbox"/> Year	Year	
<input type="checkbox"/> Quarter	Quarter (1-4)	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/> Month	Month	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/> DayofMonth	Day of Month	
<input checked="" type="checkbox"/> DayOfWeek	Day of Week	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/> FlightDate	Flight Date (yyyymmdd)	
<strong>Airline</strong>		
<input checked="" type="checkbox"/> Reporting_Airline	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.	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/> DOT_ID_Reporting_Airline	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.	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> IATA_CODE_Reporting_Airline	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.	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/> Tail_Number	Tail Number	
<input checked="" type="checkbox"/> Flight_Number_Reporting_Airline	Flight Number	
<strong>Origin</strong>		
<input checked="" type="checkbox"/> 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.	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/> 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.	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/> 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.	<a href="#">Get Lookup Table</a>

<input checked="" type="checkbox"/>	Origin	Origin Airport	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	OriginCityName	Origin Airport, City Name	
<input checked="" type="checkbox"/>	OriginState	Origin Airport, State Code	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	OriginStateFips	Origin Airport, State Fips	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	OriginStateName	Origin Airport, State Name	
<input type="checkbox"/>	OriginWac	Origin Airport, World Area Code	<a href="#">Get Lookup Table</a>
<b>Destination</b>			
<input checked="" type="checkbox"/>	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.	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	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.	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	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.	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	Dest	Destination Airport	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	DestCityName	Destination Airport, City Name	
<input checked="" type="checkbox"/>	DestState	Destination Airport, State Code	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	DestStateFips	Destination Airport, State Fips	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	DestStateName	Destination Airport, State Name	
<input type="checkbox"/>	DestWac	Destination Airport, World Area Code	<a href="#">Get Lookup Table</a>
<b>Departure Performance</b>			
<input checked="" type="checkbox"/>	CRSDepTime	CRS Departure Time (local time: hhmm)	
<input checked="" type="checkbox"/>	DepTime	Actual Departure Time (local time: hhmm)	
<input checked="" type="checkbox"/>	DepDelay	Difference in minutes between scheduled and actual departure time. Early departures show negative numbers.	
<input type="checkbox"/>	DepDelayMinutes	Difference in minutes between scheduled and actual departure time. Early departures set to 0.	
<input checked="" type="checkbox"/>	DepDel15	Departure Delay Indicator, 15 Minutes or More (1=Yes)	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	DepartureDelayGroups	Departure Delay intervals, every (15 minutes from <-15 to >180)	<a href="#">Get Lookup Table</a>
<input type="checkbox"/>	DepTimeBlk	CRS Departure Time Block, Hourly Intervals	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	TaxiOut	Taxi Out Time, in Minutes	
<input checked="" type="checkbox"/>	WheelsOff	Wheels Off Time (local time: hhmm)	
<b>Arrival Performance</b>			
<input checked="" type="checkbox"/>	WheelsOn	Wheels On Time (local time: hhmm)	
<input checked="" type="checkbox"/>	TaxiIn	Taxi In Time, in Minutes	
<input checked="" type="checkbox"/>	CRSArrTime	CRS Arrival Time (local time: hhmm)	
<input checked="" type="checkbox"/>	ArrTime	Actual Arrival Time (local time: hhmm)	
<input checked="" type="checkbox"/>	ArrDelay	Difference in minutes between scheduled and actual arrival time. Early arrivals show negative numbers.	
<input type="checkbox"/>	ArrDelayMinutes	Difference in minutes between scheduled and actual arrival time. Early arrivals set to 0.	
<input checked="" type="checkbox"/>	ArrDel15	Arrival Delay Indicator, 15 Minutes or More (1=Yes)	<a href="#">Get Lookup Table</a>

<input checked="" type="checkbox"/>	ArrivalDelayGroups	Arrival Delay intervals, every (15-minutes from <-15 to >180)	<a href="#">Get Lookup Table</a>
<input type="checkbox"/>	ArrTimeBlk	CRS Arrival Time Block, Hourly Intervals	<a href="#">Get Lookup Table</a>
<b>Cancellations and Diversions</b>			
<input checked="" type="checkbox"/>	Cancelled	Cancelled Flight Indicator (1=Yes)	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	CancellationCode	Specifies The Reason For Cancellation	<a href="#">Get Lookup Table</a>
<input checked="" type="checkbox"/>	Diverted	Diverted Flight Indicator (1=Yes)	<a href="#">Get Lookup Table</a>
<b>Flight Summaries</b>			
<input checked="" type="checkbox"/>	CRSElapsedTime	CRS Elapsed Time of Flight, in Minutes	
<input checked="" type="checkbox"/>	ActualElapsedTime	Elapsed Time of Flight, in Minutes	
<input checked="" type="checkbox"/>	AirTime	Flight Time, in Minutes	
<input type="checkbox"/>	Flights	Number of Flights	
<input checked="" type="checkbox"/>	Distance	Distance between airports (miles)	
<input type="checkbox"/>	DistanceGroup	Distance Intervals, every 250 Miles, for Flight Segment	<a href="#">Get Lookup Table</a>
<b>Cause of Delay (Data starts 6/2003)</b>			
<input checked="" type="checkbox"/>	CarrierDelay	Carrier Delay, in Minutes	
<input checked="" type="checkbox"/>	WeatherDelay	Weather Delay, in Minutes	
<input checked="" type="checkbox"/>	NASDelay	National Air System Delay, in Minutes	
<input checked="" type="checkbox"/>	SecurityDelay	Security Delay, in Minutes	
<input checked="" type="checkbox"/>	LateAircraftDelay	Late Aircraft Delay, in Minutes	
<b>Gate Return Information at Origin Airport (Data starts 10/2008)</b>			
<input type="checkbox"/>	FirstDepTime	First Gate Departure Time at Origin Airport	
<input type="checkbox"/>	TotalAddGTime	Total Ground Time Away from Gate for Gate Return or Cancelled Flight	
<input type="checkbox"/>	LongestAddGTime	Longest Time Away from Gate for Gate Return or Cancelled Flight	
<b>Diverted Airport Information (Data starts 10/2008)</b>			
<input type="checkbox"/>	DivAirportLandings	Number of Diverted Airport Landings	<a href="#">Get Lookup Table</a>
<input type="checkbox"/>	DivReachedDest	Diverted Flight Reaching Scheduled Destination Indicator (1=Yes)	<a href="#">Get Lookup Table</a>
<input type="checkbox"/>	DivActualElapsedTime	Elapsed Time of Diverted Flight Reaching Scheduled Destination, in Minutes. The ActualElapsedTime column remains NULL for all diverted flights.	
<input type="checkbox"/>	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.	
<input type="checkbox"/>	DivDistance	Distance between scheduled destination and final diverted airport (miles). Value will be 0 for diverted flight reaching scheduled destination.	
<input type="checkbox"/>	Div1Airport	Diverted Airport Code1	
<input type="checkbox"/>	Div1AirportID	Airport ID of Diverted Airport 1. Airport ID is a Unique Key for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/>	Div1AirportSeqID	Airport Sequence ID of Diverted Airport 1. Unique Key for Time Specific Information for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/>	Div1WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code1	
<input type="checkbox"/>	Div1TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code1	
<input type="checkbox"/>	Div1LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code1	
<input type="checkbox"/>	Div1WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code1	
<input type="checkbox"/>	Div1TailNum	Aircraft Tail Number for Diverted Airport Code1	
<input type="checkbox"/>	Div2Airport	Diverted Airport Code2	

<input type="checkbox"/> Div2AirportID	Airport ID of Diverted Airport 2. Airport ID is a Unique Key for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div2AirportSeqID	Airport Sequence ID of Diverted Airport 2. Unique Key for Time Specific Information for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div2WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code2	
<input type="checkbox"/> Div2TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code2	
<input type="checkbox"/> Div2LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code2	
<input type="checkbox"/> Div2WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code2	
<input type="checkbox"/> Div2TailNum	Aircraft Tail Number for Diverted Airport Code2	
<input type="checkbox"/> Div3Airport	Diverted Airport Code3	
<input type="checkbox"/> Div3AirportID	Airport ID of Diverted Airport 3. Airport ID is a Unique Key for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div3AirportSeqID	Airport Sequence ID of Diverted Airport 3. Unique Key for Time Specific Information for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div3WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code3	
<input type="checkbox"/> Div3TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code3	
<input type="checkbox"/> Div3LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code3	
<input type="checkbox"/> Div3WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code3	
<input type="checkbox"/> Div3TailNum	Aircraft Tail Number for Diverted Airport Code3	
<input type="checkbox"/> Div4Airport	Diverted Airport Code4	
<input type="checkbox"/> Div4AirportID	Airport ID of Diverted Airport 4. Airport ID is a Unique Key for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div4AirportSeqID	Airport Sequence ID of Diverted Airport 4. Unique Key for Time Specific Information for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div4WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code4	
<input type="checkbox"/> Div4TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code4	
<input type="checkbox"/> Div4LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code4	
<input type="checkbox"/> Div4WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code4	
<input type="checkbox"/> Div4TailNum	Aircraft Tail Number for Diverted Airport Code4	
<input type="checkbox"/> Div5Airport	Diverted Airport Code5	
<input type="checkbox"/> Div5AirportID	Airport ID of Diverted Airport 5. Airport ID is a Unique Key for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div5AirportSeqID	Airport Sequence ID of Diverted Airport 5. Unique Key for Time Specific Information for an Airport	<a href="#">Get Lookup Table</a>
<input type="checkbox"/> Div5WheelsOn	Wheels On Time (local time: hhmm) at Diverted Airport Code5	
<input type="checkbox"/> Div5TotalGTime	Total Ground Time Away from Gate at Diverted Airport Code5	
<input type="checkbox"/> Div5LongestGTime	Longest Ground Time Away from Gate at Diverted Airport Code5	
<input type="checkbox"/> Div5WheelsOff	Wheels Off Time (local time: hhmm) at Diverted Airport Code5	
<input type="checkbox"/> Div5TailNum	Aircraft Tail Number for Diverted Airport Code5	

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