

Flight Delays Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/L41d5S>

Flight_Data_2009

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2010

Field	Description	Type	Default	Other
FL_DATE		DATE		

Field	Description	Type	Default	Other
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2011

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		

Field	Description	Type	Default	Other
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2012

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		

Field	Description	Type	Default	Other
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2013

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		

Field	Description	Type	Default	Other
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2014

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		

Field	Description	Type	Default	Other
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2015

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2016

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2017

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		

Field	Description	Type	Default	Other
DEP_TIME		TIME		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		

Flight_Data_2018

Field	Description	Type	Default	Other
FL_DATE		DATE		
OP_CARRIER		VARCHAR		
OP_CARRIER_FL_NUM		INT		
ORIGIN		VARCHAR		
DEST		VARCHAR		
CRS_DEP_TIME		INT		
DEP_TIME		INT		
DEP_DELAY		INT		
TAXI_OUT		INT		
WHEELS_OFF		INT		
WHEELS_ON		INT		
TAXI_IN		INT		

Field	Description	Type	Default	Other
CRS_ARR_TIME		INT		
ARR_TIME		INT		
ARR_DELAY		INT		
CANCELLED		INT		
CANCELLATION_CODE		VARCHAR		
DIVERTED		INT		
CRS_ELAPSED_TIME		INT		
ACTUAL_ELAPSED_TIME		INT		
AIR_TIME		INT		
DISTANCE		INT		
CARRIER_DELAY		INT		
WEATHER_DELAY		INT		
NAS_DELAY		INT		
SECURITY_DELAY		INT		
LATE_AIRCRAFT_DELAY		INT		
UNNAMED:27		VARCHAR		