



ASPM Airport Quarter Hour Data Dictionary

ASPM Quarter Hour Data

3/16/2015

Field Naming Conventions:

A	Average
Arr, Ar	Arrival
C	Count
Dep, Dr	Departure
Dla	Delay
E	Count of Flights Arriving <u>E</u> arly
Eff	Counts for Efficiency Computation
FP	Flight Plan
Fac	Facility Reported Operations
In	GATE IN
L	Count of Flights Arriving <u>L</u> ate
OT	On-Time
Out	GATE OUT
P	Percent
Sch	Schedule
TI	Taxi-In
TO	Taxi Out

Facility/Date Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
1	LOCID	LOCID	Character	4		Airport ID: Domestic = space + 3 character identification code, foreign = ICAO 4 character identification code
2	YYYYMM	YYYYMM	Numeric	6		Year, Month (Local)
3	DAY	DAYNUM	Numeric	2		Day (Local)
4	HOUR	HR_LOCAL	Numeric	2		Local Hour (0 to 23)
5	QTR	QTR	Numeric	1		Quarter Hour (1 to 4) 1 = hh:00 - hh:14 2 = hh:15 - hh:29 3 = hh:30 - hh:44 4 = hh:45 - hh:59

Airport Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
6	EffDep	DEP_CT	Numeric	8		Count of Departures for Efficiency Computation
7	EffArr	ARR_CT	Numeric	8		Count of Arrivals for Efficiency Computation



ASPM Airport Quarter Hour Data Dictionary

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
Airport Delay For All Flight						
8	DlaSchOut	T_O_GATE_DELAY	Numeric	10	3	Total OAG-Based Gate Delay Minutes Delayed 1 Minute or More
9	DlaSchOutA	T_O_GATE_DELAY_A	Numeric	10	3	Avg OAG-Based Gate Delay Minutes for All Flights
10	DlaFPOut	T_GATE_DELAY	Numeric	10	3	Total Flight Plan Based Gate Delay Minutes Delayed 1 Minute or More
11	DlaFPOutA	T_GATE_DELAY_A	Numeric	10	3	Avg Flight Plan Based Gate Delay Minutes for All Flights
12	DlaSchOff	T_OAG_ARPT_DEP	Numeric	10	3	Total OAG-Based Departure Delay Minutes
13	DlaSchOffA	T_OAG_ARPT_DEP_A	Numeric	10	3	Avg OAG-Based Departure Delay Minutes
14	DlaFPOff	T_PTM_ARPT_DEP	Numeric	10	3	Total Flight Plan Based Departure Delay Minutes
15	DlaFPOffA	T_PTM_ARPT_DEP_A	Numeric	10	3	Avg Flight Plan Based Departure Delay Minutes
16	DlaSchArr	T_O_DELAY_ARR	Numeric	10	3	Total OAG-Based Arrival Delay Minutes
17	DlaSchArrA	T_O_DELAY_ARR_A	Numeric	10	3	Avg OAG-Based Arrival Delay Minutes
18	DlaFPArr	T_DELAY_ARR	Numeric	10	3	Total Flight Plan Based Arrival Delay Minutes
19	DlaFPArrA	T_DELAY_ARR_A	Numeric	10	3	Avg Flight Plan Based Arrival Delay Minutes
20	DlaBlock	T_DIF_G2G	Numeric	10	3	Total Block Delay Minutes
21	DlaBlockA	T_DIF_G2G_A	Numeric	10	3	Avg Block Delay Minutes
Airport Delay For Delayed Flights Based on Schedule						
22	DlaDepC15	O_GATE_DEL_15C	Numeric	8		Count of OAG-Based Gate Departure Delay = > 15
23	DlaDepM15	O_GATE_DEL_15M	Numeric	8		Minutes of OAG-Based Gate Departure Delay = > 15
24	DlaDepA15	O_GATE_DEL_15_A	Numeric	10	3	Average Minutes of OAG - Based Gate Departure Delay = > 15
25	DlaOffC15	OAG_ARPT_DEP_15C	Numeric	8		Count of OAG-Based Airport Departure Delay = > 15
26	DlaOffM15	OAG_ARPT_DEP_15M	Numeric	8		Minutes of OAG-Based Airport Departure Delay = > 15
27	DlaOffA15	OAG_ARPT_DEP_15_A	Numeric	10	3	Average Minutes of OAG - Based Airport Departure Delay = > 15
28	DlaArrC15	O_DELAY_ARR_15C	Numeric	8		Count of OAG-Based Arrival Delay = > 15
29	DlaArrM15	O_DELAY_ARR_15M	Numeric	8		Minutes of OAG-Based Arrival Delay = > 15
30	DlaArrA15	O_DELAY_ARR_15M_A	Numeric	10	3	Average Minutes of OAG - Based Arrival Delay = > 15
On-Time Flight Statistics						
31	OTSchDepC	O_GATE_DEL_15	Numeric	8		Count of OAG-Based On Time Gate Departures
32	OTSchDepP	O_GATE_DEL_15_PCNT	Numeric	10	3	Percent OAG-Based On Time Gate Departures
33	OTFPDepC	DEL_DEP15	Numeric	8		Count of Flight Plan Based On Time Gate Departures
34	OTFPDepP	DEL_DEP15_PCNT	Numeric	10	3	Percent Flight Plan Based On Time Gate Departures
35	OTSchOffC	OAG_ARPT_DEP_15	Numeric	8		Count of OAG-Based On Time Airport Departures
36	OTSchOffP	OAG_ARPT_DEP_15_PCNT	Numeric	10	3	Percent OAG-Based On Time Airport Departures
37	OTFPOffC	PTM_ARPT_DEP_15	Numeric	8		Count of Flight Plan Based On Time Airport Departures
38	OTFPOffP	PTM_ARPT_DEP_15_PCNT	Numeric	10	3	Percent Flight Plan Based On Time Airport Departures
39	OTSchArrC	O_DELAY_ARR_15	Numeric	8		Count of OAG-Based On Time Arrivals
39	OTSchArrP	O_DELAY_ARR_15_PCNT	Numeric	10	3	Percent OAG-Based On Time Arrivals
40	OTFPArrC	DEL_ARR15	Numeric	8		Count of Flight Plan Based On Time Arrivals
41	OTFPArrP	DEL_ARR15_PCNT	Numeric	10	3	Percent Flight Plan Based On Time Arrivals



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EDCT Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
	EDCT Delay					
43	DlaEDCTDep	T_DEP_EDCT_HOLD	Numeric	10	3	EDCT Hold Minutes Departing this airport
44	DlaEDCTArr	T_ARR_EDCT_HOLD	Numeric	10	3	EDCT Hold Minutes at Other Airports Arriving this Airport
45	DlaEDCTDC	DEP_EDCT_CNT	Numeric	8		Count of EDCT Holds Departing this Airport
46	DlaEDCTArC	ARR_EDCT_CNT	Numeric	8		Count of EDCT Holds at Other Airports Arriving this Airport
47	DlaEDCTDrE	EDCT_DEP_EARLY	Numeric	8		Count of EDCT Holds Departing this Airport Early
48	DlaEDCTDrL	EDCT_DEP_LATE	Numeric	8		Count of EDCT Holds Departing this Airport Late
49	DlaEDCTArE	EDCT_ARR_EARLY	Numeric	8		Count of EDCT Holds at Other Airports Arriving this Airport Early
50	DlaEDCTArL	EDCT_ARR_LATE	Numeric	8		Count of EDCT Holds at Other Airports Arriving this Airport Late

Taxi-Out Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
51	ActTO	T_TAXI_OUT	Numeric	10	3	Total Taxi Out Minutes
	Taxi-Out Delay					
52	DlaTOC	DEL_TAXI_OUT_CNT	Numeric	8		Count of Total Taxi Out Delays
53	DlaTO	T_DELAY_TO	Numeric	10	3	Total Taxi Out Delay Minutes
54	DlaTOA	T_DELAY_TO_A	Numeric	10	3	Avg Taxi Out Delay Minutes

Enroute Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
	Airborne Delay					
55	DlaAirC	DELAIR_CT_0	Numeric	8		Count of Total Airborne Delays
56	DlaAir	T_DELAY_AIR	Numeric	10	3	Total Airborne Delay Minutes
57	DlaAirA	T_DELAY_AIR_A	Numeric	10	3	Average Airborne Delay Minutes

Taxi-In Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
57	ActTI	T_TAXI_IN	Numeric	10	3	Total Taxi In Minutes
	Taxi-In Delay					
58	DlaTIC	DEL_TAXI_IN_CNT	Numeric	8		Count of Total Taxi In Delays
59	DlaTI	T_DELAY_TI	Numeric	10	3	Total Taxi In Delay Minutes
60	DlaTIA	T_DELAY_TI_A	Numeric	10	3	Avg Taxi In Delay Minutes

Airport Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
61	MetricDep	DEP_CNT	Numeric	8		Count of ASPM Departures
62	MetricArr	ARR_CNT	Numeric	8		Count of ASPM Arrivals
63	SchDep	OAG_DEP	Numeric	8		Count of Scheduled Departures
64	SchArr	OAG_ARR	Numeric	8		Count of Scheduled Arrivals
65	ETMSDep	ETMS_DEP	Numeric	8		Count of ETMS Departures
66	ETMSArr	ETMS_ARR	Numeric	8		Count of ETMS Arrivals
67	FacDep	FRO_DEP	Numeric	8		Count of Facility Reported Departures ("-1" indicates missing)
68	FacArr	FRO_ARR	Numeric	8		Count of Facility Reported Arrivals ("-1" indicates missing)



ASPM Airport Quarter Hour Data Dictionary

Airport Conditions Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
69	MC	MC	Character	1		Meterological Conditions Flag (I-instrument, V-Visual)
70	Ceiling	CEILING	Character	8		In hundres of feet
71	Visibility	VISIBLE	Character	7		In Statute Miles
72	Temp	TEMP	Character	6		Fahrenheit
73	WindAngle	WND_ ANGL	Character	6		Degrees from Magnetic North
74	WindSpeed	WND_ SPED	Character	6		Speed in Knots
75	RwyConf	RUNWAY	Character	50		Airport supplied runway configuration (Arrival Departure)

Airport Efficiency Information

	DBF Column Name	CSV Column Name	Type	Width	Dec	Description
76	DepDemand	DEP_DEMAND	Numeric	8		Number of Aircraft intending to Depart for the period
77	ArrDemand	ARR_DEMAND	Numeric	8		Number of Aircraft intending to Arrive for the period
78	ADR	DEP_RATE	Numeric	8		Airport supplied Departure Rate
79	AAR	ARR_RATE	Numeric	8		Airport supplied Arrival Rate for capacity
80	DepScore	DEP_SCORE	Numeric	10	3	Departure Score
81	ArrScore	ARR_SCORE	Numeric	10	3	Arrival Score
82	ArptScore	TOT_UTIL	Numeric	10	3	Efficiency Airport Score
83	EFF_AAR	EFF_AAR	Numeric	10	3	Efficiency Airport Arrival Rate (lesser of AAR and GDP rate)

** Total **

749