

ATC Pre-Departure Delay (IATA code 89) Dataset

Data description

The ATC pre-departure delay (http://ansperformance.eu/references/definition/atc_pre-departure_delay.html) is a proxy for ATC induced delays at the departure stand to avoid queuing at the departure runway.

The data is based on IATA delay code 89 (http://ansperformance.eu/references/definition/IATA_code_89.html) [see (IATA 2012)] which, besides delays caused by local ATC constraints, also includes delays due to late push-back approval and some other reasons which may introduce a certain level of bias. Work is in progress to allow for a better identification of the different causal factors.

Column naming and types

Column name	Data Source	Label	Description	Example
YEAR	Network Manager	YEAR	Reference year	2014
MONTH_NUM	Network Manager	MONTH_NUM	Month (numeric)	01
MONTH_MON	Network Manager	MONTH_MON	Month (3-letter code)	JAN
FLT_DATE	Network Manager	FLT_DATE	Date of flight	01-Jan-2014
APT_ICAO	Network Manager	APT_ICAO	ICAO 4-letter airport designator	EDDK
APT_NAME	PRU	APT_NAME	Airport name	Cologne Bonn
STATE_NAME	PRU	STATE_NAME	Name of the State in which the airport is located	Germany
FLT_DEP_1	Network Manager	IFR departures - (NM)	Number of IFR departures from Network Manager	66
FLT_DEP_IFR_2	Airport Operator	IFR departures - (APT)	Number of IFR departures for which data was submitted by airport operators	66
DLY_ATC_PRE_2	Airport Operator	ATC pre-departure delay (APT)	Minutes of delay reported as IATA Code 89	0
FLT_DEP_3	CODA/ Airlines	IFR departures - (AL)	Number of IFR departures for which data was submitted by airlines	52
DLY_ATC_PRE_3	CODA/ Airlines	ATC pre-departure delay (AL)	Minutes of delay reported as IATA Code 89	2

References

1. IATA. 2012. *Airport Handling Manual - Standard IATA Delay Codes (AHM730)*. IATA. PDF (<https://www.eurocontrol.int/sites/default/files/content/documents/official-documents/facts-and-figures/coda-reports/standard-iata-delay-codes-ahm730.pdf>).

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