

Data Sources

Airport and Routing Data provided via OpenFlights: - <https://openflights.org/data.html>

Route Data has not been updated since 2014.

Data Format: airports.csv

Field	Description
Airport ID	Unique OpenFlights identifier for this airport.
Name	Name of airport. May or may not contain the City name.
City	Main city served by airport. May be spelled differently from Name.
Country	Country or territory where airport is located. See Countries to cross-reference to ISO 3166-1 codes.
IATA	3-letter IATA code. Null if not assigned/unknown.
ICAO	4-letter ICAO code.Null if not assigned.
Latitude	Decimal degrees, usually to six significant digits. Negative is South, positive is North.
Longitude	Decimal degrees, usually to six significant digits. Negative is West, positive is East.
Altitude	In feet.
Timezone	Hours offset from UTC. Fractional hours are expressed as decimals, eg. India is 5.5.
DST	Daylight savings time. One of E (Europe), A (US/Canada), S (South America), O (Australia), Z (New Zealand), N (None) or U (Unknown). See also: Help: Time
Tz	database time zone Timezone in “tz” (Olson) format, eg. “America/Los_Angeles”.
Type	Type of the airport. Value “airport” for air terminals, “station” for train stations, “port” for ferry terminals and “unknown” if not known. In airports.csv, only type=airport is included.
Source	Source of this data. “OurAirports” for data sourced from OurAirports, “Legacy” for old data not matched to OurAirports (mostly DAFIF), “User” for unverified user contributions. In airports.csv, only source=OurAirports is included.

Data Format: routes.csv

Field	Description
Airline	2-letter (IATA) or 3-letter (ICAO) code of the airline.
Airline ID	Unique OpenFlights identifier for airline (see Airline).
Source airport	3-letter (IATA) or 4-letter (ICAO) code of the source airport.
Source airport ID	Unique OpenFlights identifier for source airport (see Airport)
Destination airport	3-letter (IATA) or 4-letter (ICAO) code of the destination airport.
Destination airport ID	Unique OpenFlights identifier for destination airport (see Airport)
Codeshare	“Y” if this flight is a codeshare (that is, not operated by Airline, but another carrier), empty otherwise.
Stops	Number of stops on this flight (“0” for direct)
Equipment	3-letter codes for plane type(s) generally used on this flight, separated by spaces
Time	The estimated travel time in <i>hours</i> for this route segment (added by Noel)