

# Package ‘airports’

June 29, 2020

**Title** Data on Airports

**Version** 0.1.0

**Description** Geographic, use, and property related data on airports.

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.0

**URL** <https://github.com/OpenIntroStat/airports>

**BugReports** <https://github.com/OpenIntroStat/airports/issues>

**Depends** R (>= 2.10)

**Suggests** testthat

**NeedsCompilation** no

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**Repository** CRAN

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 usairports

*US Airports*


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### Description

Airports located in all regions with Federal Aviation Administration (FAA) oversight.

### Usage

usairports

### Format

A data frame with 19615 rows and 14 variables:

**effective\_date** Information effective date. This date coincides with the 56-day charting and publication cycle date.

**state** Associated state post office code standard two letter abbreviation for U.S. states and territories. (ex. IL, PR, CQ)

**region** FAA region code. (AAL - Alaska, ACE - Central, AEA - Eastern, AGL - Great Lakes, ANE - New England, ANM - Northwest Mountain, ASO - Southern, ASW - Southwest, AWP - Western-Pacific)

**ado** FAA district or field office code. (ex. CHI)

**city** Associated city name. (ex. Chicago)

**county** Associated county (or parish) name. (ex. Cook)

**facility\_name** Official facility name. (ex. Chicago O'Hare Intl)

**ownership** Airport ownership type. (PU - Publicly owned, PR - Privately owned, MA - Air Force owned, MN - Navy owned, MR - Army owned, CG - Coast Guard owned)

**use** Facility use. (PU - open to the public, PR - private)

**location\_id** Location identifier unique 3-4 character alphanumeric identifier assigned to the landing facility. (ex. 'ORD' for Chicago O'Hare)

**site\_number** Landing facility site number - a unique identifying number which, together with the landing facility type code, forms the key to the airport record. (ex. 04508.\*A)

**arp\_latitude** Airport reference point latitude (formatted)

**arp\_longitude** Airport reference point longitude (formatted)

**cert\_type\_date** Airport certification type and date. Format is the class code ('I', 'II', 'III' or 'IV') followed by a one character code A, B, C, D, E, or L, followed by a one character code S or U, followed by the month and year of certification. (ex. 'I A S 07/1980', 'I C S 01/1983' or 'I A U 09/1983'). Codes A, B, C, D, and E are for airports having a full certificate under CFR Part 139, and receiving scheduled air carrier service from carriers certificated by the Civil Aeronautics Board. The A, B, C, D, and E identify the aircraft rescue and firefighting index for the airport. Code L is for airports having limited certification under CFR Part 139. Code S is for Airports receiving scheduled air carrier service from carriers certificated by the Civil Aeronautics Board. Code U is for airports not receiving this scheduled service.

**Source**

[https://www.faa.gov/airports/airport\\_safety/airportdata\\_5010](https://www.faa.gov/airports/airport_safety/airportdata_5010), retrieved 2018-08-13.

**Examples**

```
# regions
table(usairports$region)

# use type by ownership type
table(usairports$ownership, usairports$use)
```

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\* **datasets**

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