Package 'airports'

October 12, 2022

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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R topics documented:

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usairports	*US Airports*

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, retrieved 2018-08-13.

Examples

```
# regions
table(usairports$region)

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

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