

# Package: rnaturalearthdata (via r-universe)

December 21, 2024

**Title** World Vector Map Data from Natural Earth Used in 'rnatuarearth'

**Version** 1.0.0.9000

**Description** Vector map data from [<https://www.naturalearthdata.com/>](https://www.naturalearthdata.com/).  
Access functions are provided in the accompanying package  
'rnatuarearth'.

**License** CC0

**LazyData** true

**LazyDataCompression** xz

**Encoding** UTF-8

**URL** <https://docs.ropensci.org/rnaturalearthdata/>,  
<https://github.com/ropensci/rnaturalearthdata>

**BugReports** <https://github.com/ropensci/rnaturalearthdata/issues>

**Depends** R (>= 3.1.1)

**Suggests** knitr (>= 1.12.3), testthat (>= 0.9.1)

**RoxygenNote** 7.3.1

**Repository** <https://ropensci.r-universe.dev>

**RemoteUrl** <https://github.com/ropensci/rnaturalearthdata>

**RemoteRef** master

**RemoteSha** d0e161eafccd28c04b04f7fe7bd054f06b3b4ec9

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coastlines	<i>world coastlines from Natural Earth</i>
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**Description**

coastline lines at scales 1:110m (small), 1:50m (medium). 1:10m (large) are in the package `rnaturalearthhires`.

**Usage**

```
coastline110
```

```
coastline50
```

**Format**

An object of class 'sf'

An object of class sf (inherits from data.frame) with 134 rows and 4 columns.

An object of class sf (inherits from data.frame) with 1428 rows and 4 columns.

**Source**

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/physical/ne\\_110m\\_coastline.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/physical/ne_110m_coastline.zip)

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/physical/ne\\_50m\\_coastline.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/physical/ne_50m_coastline.zip)

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countries	<i>world country polygons from Natural Earth</i>
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**Description**

at scales 1:110m (small) and 1:50m (medium). 1:10m (large) are in the package `rnaturalearthhires`.

**Usage**

```
countries110
```

```
countries50
```

**Format**

An object of class 'sf'

An object of class sf (inherits from data.frame) with 177 rows and 169 columns.

An object of class sf (inherits from data.frame) with 242 rows and 169 columns.

**Slots**

data A data frame with country attributes

**Source**

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne\\_110m\\_admin\\_0\\_countries.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne_110m_admin_0_countries.zip)

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne\\_50m\\_admin\\_0\\_countries.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_0_countries.zip)

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map_units	<i>world map_unit polygons from Natural Earth</i>
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**Description**

map\_unit polygons at scales 1:110m (small), 1:50m (medium). 1:10m (large) are in the package `rnaturalearthhires`. There are more map\_units than countries e.g. United Kingdom is split into England, Scotland, Wales and Northern Ireland.

**Usage**

```
map_units110
```

```
map_units50
```

**Format**

An object of class 'sf'

An object of class sf (inherits from data.frame) with 183 rows and 169 columns.

An object of class sf (inherits from data.frame) with 265 rows and 169 columns.

**Slots**

data A data frame with attributes

**Source**

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne\\_110m\\_admin\\_0\\_map\\_units.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne_110m_admin_0_map_units.zip)

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne\\_50m\\_admin\\_0\\_map\\_units.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_0_map_units.zip)

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sovereignty	<i>world sovereignty polygons from Natural Earth</i>
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**Description**

sovereignty polygons at scales 1:110m (small), 1:50m (medium). 1:10m (large) are in the package `rnaturalearth`. There are fewer sovereign states than countries e.g. the Falkland Islands are included with the United Kingdom.

**Usage**

```
sovereignty110
```

```
sovereignty50
```

**Format**

An object of class 'sf'

An object of class `sf` (inherits from `data.frame`) with 171 rows and 169 columns.

An object of class `sf` (inherits from `data.frame`) with 201 rows and 169 columns.

**Slots**

`data` A data frame with attributes

**Source**

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne\\_110m\\_admin\\_0\\_sovereignty.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne_110m_admin_0_sovereignty.zip)

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne\\_50m\\_admin\\_0\\_sovereignty.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_0_sovereignty.zip)

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states	<i>state (admin level 1) polygons from Natural Earth</i>
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**Description**

For Australia, Brazil, Canada and USA, at 1:50m (medium) resolution. The package `rnaturalearth` has all world countries at 1:10m (high) resolution.

**Usage**

```
states50
```

**Format**

An object of class 'sf'

An object of class sf (inherits from data.frame) with 294 rows and 122 columns.

**Slots**

data A data frame with attributes

**Source**

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne\\_50m\\_admin\\_1\\_states\\_provinces.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_1_states_provinces.zip)

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tiny\_countries

*tiny countries points from Natural Earth*

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**Description**

small country points at scales 1:110m (small), 1:50m (medium).

**Usage**

tiny\_countries110

tiny\_countries50

**Format**

An object of class 'sf'

An object of class sf (inherits from data.frame) with 37 rows and 171 columns.

An object of class sf (inherits from data.frame) with 76 rows and 171 columns.

**Source**

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne\\_110m\\_admin\\_0\\_tiny\\_countries.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/110m/cultural/ne_110m_admin_0_tiny_countries.zip)

[https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne\\_50m\\_admin\\_0\\_tiny\\_countries.zip](https://www.naturalearthdata.com/http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_0_tiny_countries.zip)

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