

# Package ‘minimap’

July 22, 2025

**Type** Package

**Title** Create Tile Grid Maps

**Version** 0.1.0

**Date** 2016-02-17

**Description** Create tile grid maps, which are like choropleth maps except each region is represented with equal visual space.

**Depends** R (>= 3.1.0), graphics

**Suggests** testthat

**License** MIT + file LICENSE

**LazyData** TRUE

**Encoding** UTF-8

**URL** <http://github.com/seankross/minimap>

**RoxygenNote** 5.0.1

**NeedsCompilation** no

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**Repository** CRAN

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## Contents

|                      |   |
|----------------------|---|
| canada_abb . . . . . | 2 |
| maple . . . . .      | 2 |
| mexico_abb . . . . . | 3 |
| milk . . . . .       | 3 |
| minicanada . . . . . | 4 |
| minimexico . . . . . | 5 |
| miniusa . . . . .    | 6 |
| ssm . . . . .        | 7 |
| usa_abb . . . . .    | 7 |

|              |          |
|--------------|----------|
| <b>Index</b> | <b>9</b> |
|--------------|----------|

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|            |                                        |
|------------|----------------------------------------|
| canada_abb | <i>Postal Abbreviations for Canada</i> |
|------------|----------------------------------------|

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**Description**

Postal Abbreviations for Canada

**Usage**

canada\_abb

**Format**

An object of class character of length 13.

**Examples**

```
## Not run:
canada_abb

## End(Not run)
```

---

|       |                                                              |
|-------|--------------------------------------------------------------|
| maple | <i>Production and farm value of maple products in Canada</i> |
|-------|--------------------------------------------------------------|

---

**Description**

Production and farm value of maple products in Canada

**Usage**

maple

**Format**

A data frame with columns:

**Year** A value between 1924 and 2015.

**Syrup** Maple products expressed as syrup, total in thousands of gallons.

**CAD** Gross value of maple products in thousands of Canadian dollars.

**Region** Postal code abbreviation for territory or province.

**Source**

Statistics Canada. Table 001-0008 - Production and farm value of maple products, annual. <http://www5.statcan.gc.ca/cansim/>

**Examples**

```
## Not run:
  maple

## End(Not run)
```

---

|            |                                        |
|------------|----------------------------------------|
| mexico_abb | <i>Postal Abbreviations for Mexico</i> |
|------------|----------------------------------------|

---

**Description**

Postal Abbreviations for Mexico

**Usage**

```
mexico_abb
```

**Format**

An object of class character of length 32.

**Examples**

```
## Not run:
  mexico_abb

## End(Not run)
```

---

|      |                                          |
|------|------------------------------------------|
| milk | <i>Monthly milk production in Canada</i> |
|------|------------------------------------------|

---

**Description**

Monthly milk production in Canada

**Usage**

```
milk
```

**Format**

A data frame with columns:

**Year** A value between 1976 and 2015.

**Month** A value between 1 and 12.

**Region** Postal code abbreviation for territory or province.

**Kiloliters** Milk sold off farms in kiloliters.

## Source

Statistics Canada. Table 003-0011 - Milk production and utilization, monthly. <http://www5.statcan.gc.ca/cansim/>

## Examples

```
## Not run:
milk

## End(Not run)
```

---

|            |                                       |
|------------|---------------------------------------|
| minicanada | <i>Make a tile grid map of Canada</i> |
|------------|---------------------------------------|

---

## Description

Make a tile grid map of Canada

## Usage

```
minicanada(pt, pt_colors, border_colors = rep("white", 13), pt_names = TRUE,
  pt_name_colors = rep("white", 13), pt_name_cex = 1, font = NULL)
```

## Arguments

|                |                                                                                                                                                                                                                             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| pt             | A vector of Canadian province and territory postal abbreviations. This vector must be some permutation of <code>canada_abb</code> .                                                                                         |
| pt_colors      | A vector of "colors" in the R sense. For example strings ("blue"), hex codes ("D0C7B9"), etc. The <i>i</i> th color in this vector will be the color of square that represents the <i>i</i> th element of <code>pt</code> . |
| border_colors  | Like <code>pt_colors</code> but specifying the border of the square.                                                                                                                                                        |
| pt_names       | Should the postal codes for each province or territory be displayed in the center of the province or territory? The default value is TRUE.                                                                                  |
| pt_name_colors | Like <code>pt_colors</code> but specifying the color of the text displayed in each province or territory.                                                                                                                   |
| pt_name_cex    | The size of the text displayed inside of each province or territory.                                                                                                                                                        |
| font           | The font of the text displayed inside of each province or territory. The values "serif", "sans", and "mono" are safest to use. Use other fonts at your own risk. If NULL a sans-style font will be used.                    |

## Examples

```
## Not run:
minicanada(canada_abb, 1:13)

## End(Not run)
```

---

minimexico*Make a tile grid map of Mexico*

---

## Description

Make a tile grid map of Mexico

## Usage

```
minimexico(estados, estados_colors, border_colors = rep("white", 32),
  estados_names = TRUE, estados_name_colors = rep("white", 32),
  estados_name_cex = 1, font = NULL)
```

## Arguments

|                     |                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| estados             | A vector of Mexican state postal abbreviations. This vector must be some permutation of <code>mexico_abb</code> .                                                                                                                |
| estados_colors      | A vector of "colors" in the R sense. For example strings ("blue"), hex codes ("D0C7B9"), etc. The <i>i</i> th color in this vector will be the color of square that represents the <i>i</i> th element of <code>estados</code> . |
| border_colors       | Like <code>estados_colors</code> but specifying the border of the square.                                                                                                                                                        |
| estados_names       | Should the postal codes for each state be displayed in the center of the state? The default value is TRUE.                                                                                                                       |
| estados_name_colors | Like <code>estados_colors</code> but specifying the color of the text displayed in each state.                                                                                                                                   |
| estados_name_cex    | The size of the text displayed inside of each state.                                                                                                                                                                             |
| font                | The font of the text displayed inside of each state. The values "serif", "sans", and "mono" are safest to use. Use other fonts at your own risk. If NULL a sans-style font will be used.                                         |

## Examples

```
## Not run:
  minimexico(mexico_abb, 1:32)

## End(Not run)
```

---

`miniusa`*Make a tile grid map of The United States of America*

---

## Description

Make a tile grid map of The United States of America

## Usage

```
miniusa(states, state_colors, border_colors = rep("white", 51),
  state_names = TRUE, state_name_colors = rep("white", 51),
  state_name_cex = 1, font = NULL)
```

## Arguments

|                                |                                                                                                                                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>states</code>            | A vector of US state postal abbreviations. This vector must be some permutation of <code>usa_abb</code> .                                                                                                                       |
| <code>state_colors</code>      | A vector of "colors" in the R sense. For example strings ("blue"), hex codes ("D0C7B9"), etc. The <i>i</i> th color in this vector will be the color of square that represents the <i>i</i> th element of <code>states</code> . |
| <code>border_colors</code>     | Like <code>state_colors</code> but specifying the border of the square.                                                                                                                                                         |
| <code>state_names</code>       | Should the postal codes for each state be displayed in the center of the state? The default value is <code>TRUE</code> .                                                                                                        |
| <code>state_name_colors</code> | Like <code>state_colors</code> but specifying the color of the text displayed in each state.                                                                                                                                    |
| <code>state_name_cex</code>    | The size of the text displayed inside of each state.                                                                                                                                                                            |
| <code>font</code>              | The font of the text displayed inside of each state. The values "serif", "sans", and "mono" are safest to use. Use other fonts at your own risk. If <code>NULL</code> a sans-style font will be used.                           |

## Examples

```
## Not run:
  miniusa(state_abb, 1:51)

## End(Not run)
```

ssm

*Same sex marriage in the US***Description**

Changes in the legality of same sex marriage in the United States over time.

**Usage**

ssm

**Format**

A data frame with columns:

**State** State Abbreviation

**Status** Legal status. Either bbs meaning banned by statute, nl meaning not legal, legal, bbca meaning banned by constitutional ammendment, or dis meaning disputed.

**Year** Year status went into effect.

**Source**

<http://www.nytimes.com/interactive/2015/03/04/us/gay-marriage-state-by-state.html>

**Examples**

```
## Not run:
ssm
```

```
## End(Not run)
```

usa\_abb

*Postal Abbreviations for The United States of America***Description**

Postal Abbreviations for The United States of America

**Usage**

usa\_abb

**Format**

An object of class character of length 51.

**Examples**

```
## Not run:  
usa_abb
```

```
## End(Not run)
```

# Index

## \* datasets

canada\_abb, [2](#)

maple, [2](#)

mexico\_abb, [3](#)

milk, [3](#)

ssm, [7](#)

usa\_abb, [7](#)

canada\_abb, [2](#)

maple, [2](#)

mexico\_abb, [3](#)

milk, [3](#)

minicanada, [4](#)

minimexico, [5](#)

miniusa, [6](#)

ssm, [7](#)

usa\_abb, [7](#)