

```
library(tidycensus)
```

Warning: package 'tidycensus' was built under R version 4.3.3

```
library(tidyverse)
```

Warning: package 'ggplot2' was built under R version 4.3.3

```
— Attaching core tidyverse packages — tidyverse 2.0.0 —
✓ dplyr      1.1.2    ✓ readr      2.1.4
✓ forcats    1.0.0    ✓ stringr    1.5.0
✓ ggplot2     3.5.1    ✓ tibble     3.2.1
✓ lubridate   1.9.2    ✓ tidyr      1.3.0
✓ purrr       1.0.1
— Conflicts — tidyverse_conflicts() —
✖ dplyr::filter() masks stats::filter()
✖ dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
library(mapview)
```

Warning: package 'mapview' was built under R version 4.3.3

```
us_state_pop <- get_acs(
  geography = "state",
  year = 2019,
  variables = c("population" = "B01001_001"),
  geometry = TRUE)
```

Getting data from the 2015-2019 5-year ACS

Warning: • You have not set a Census API key. Users without a key are limited to 500 queries per day and may experience performance limitations.
i For best results, get a Census API key at http://api.census.gov/data/key_signup.html and then supply the key to the `census_api_key()` function to use it throughout your tidycensus session.
This warning is displayed once per session.

Downloading feature geometry from the Census website. To cache shapefiles for use in future sessions, set `options(tigris_use_cache = TRUE)`.

```
|
|
| 0%
|= 1%
| 2%
|= 2%
| 3%
|= 4%
| 4%
|= 5%
| 6%
|= 8%
| 9%
|= 10%
| 11%
|= 12%
| 13%
|= 14%
| 16%
|= 17%
| 18%
|= 18%
| 19%
|= 19%
| 20%
|= 21%
|
```

=====	22%
=====	22%
=====	24%
=====	25%
=====	26%
=====	28%
=====	29%
=====	30%
=====	31%
=====	31%
=====	32%
=====	33%
=====	34%
=====	35%
=====	35%
=====	36%
=====	37%
=====	38%
=====	38%
=====	39%
=====	40%
=====	41%
=====	41%
=====	42%
=====	42%
=====	43%
=====	44%
=====	45%
=====	45%
=====	46%
=====	46%
=====	47%
=====	48%
=====	49%
=====	50%
=====	51%
=====	52%
=====	52%
=====	53%
=====	54%
=====	55%
=====	55%
=====	56%
=====	57%
=====	58%
=====	58%
=====	59%

=====	59%
=====	60%
=====	61%
=====	62%
=====	62%
=====	63%
=====	64%
=====	65%
=====	65%
=====	66%
=====	67%
=====	68%
=====	68%
=====	69%
=====	70%
=====	71%
=====	71%
=====	72%
=====	72%
=====	73%
=====	74%
=====	75%
=====	75%
=====	76%
=====	77%
=====	78%
=====	78%
=====	79%
=====	80%
=====	81%
=====	82%
=====	83%
=====	84%
=====	84%
=====	85%
=====	86%
=====	87%
=====	88%
=====	88%
=====	89%
=====	89%
=====	90%
=====	91%
=====	92%
=====	93%
=====	94%
=====	95%

```
|=====| 95%
|
|=====| 96%
|
|=====| 97%
|
|=====| 98%
|
|=====| 99%
|
|=====| 99%
|
|=====| 100%
```

us_state_pop

Simple feature collection with 52 features and 5 fields

Geometry type: MULTIPOLYGON

Dimension: XY

Bounding box: xmin: -179.1489 ymin: 17.88328 xmax: 179.7785 ymax: 71.36516

Geodetic CRS: NAD83

First 10 features:

	GEOID	NAME	variable	estimate	moe
1	12	Florida	population	20901636	NA
2	30	Montana	population	1050649	NA
3	27	Minnesota	population	5563378	NA
4	24	Maryland	population	6018848	NA
5	45	South Carolina	population	5020806	NA
6	23	Maine	population	1335492	NA
7	15	Hawaii	population	1422094	NA
8	11	District of Columbia	population	692683	NA
9	44	Rhode Island	population	1057231	NA
10	31	Nebraska	population	1914571	NA

geometry

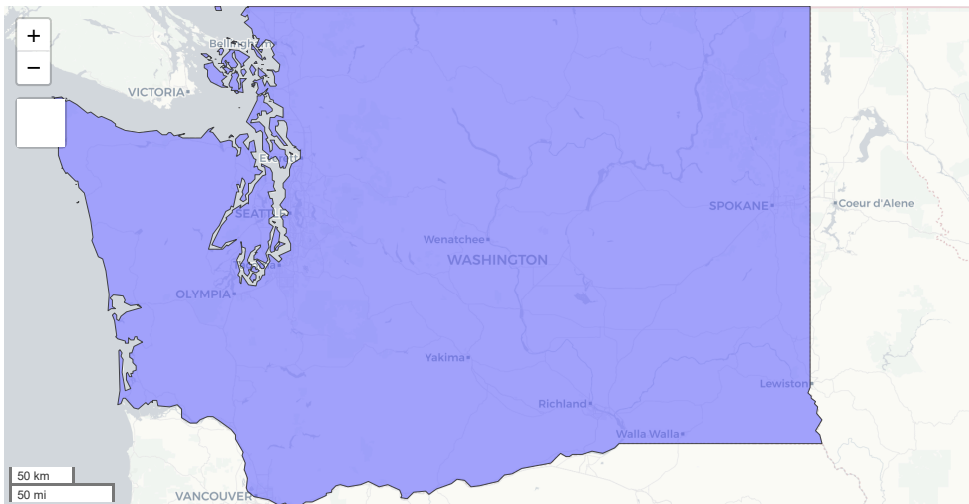
```
1 MULTIPOLYGON (((-80.17628 2...
2 MULTIPOLYGON (((-116.0491 4...
3 MULTIPOLYGON (((-89.59206 4...
4 MULTIPOLYGON (((-76.05015 3...
5 MULTIPOLYGON (((-79.50795 3...
6 MULTIPOLYGON (((-67.32259 4...
7 MULTIPOLYGON (((-156.0608 1...
8 MULTIPOLYGON (((-77.11976 3...
9 MULTIPOLYGON (((-71.28802 4...
10 MULTIPOLYGON (((-104.0534 4...
```

```
washington = us_state_pop %>%
  filter(NAME == "Washington")

non_contiguous_regions <- c("Alaska", "Hawaii", "Rhode Island", "Puerto Rico")

us_contiguous <- us_state_pop %>%
  filter(!NAME %in% non_contiguous_regions)
```

```
washington %>%
  mapview(zcol = "estimate")
```



7404107

- estimate

Leaflet | © OpenStreetMap contributors © CARTO