```
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)`.


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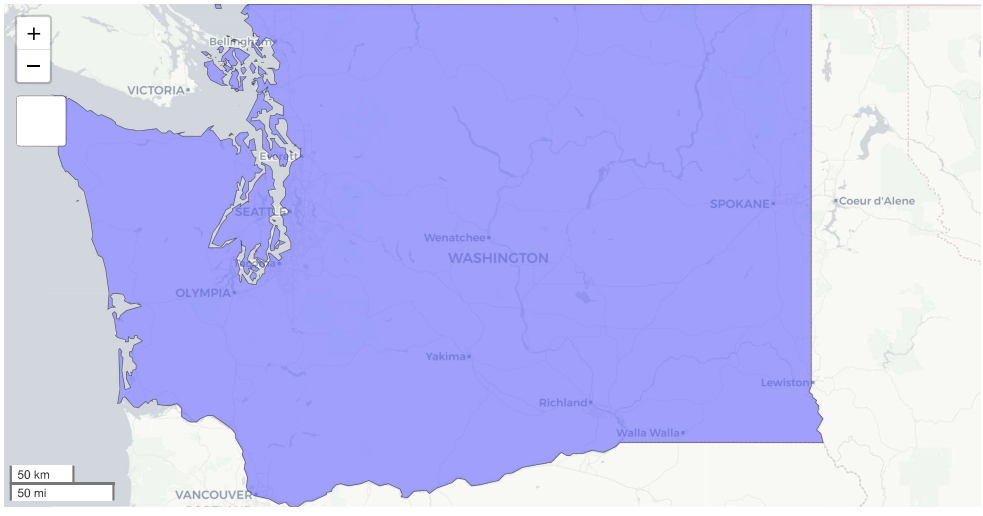
```
us_state_pop
```

```
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")
```