

Illustration

```
suppressPackageStartupMessages(library(tidyverse))
suppressPackageStartupMessages(library(knitr))
suppressPackageStartupMessages(library(kableExtra))

library(tidyverse)
library(knitr)
library(kableExtra)
knitr::opts_chunk$set(echo = TRUE)

converter <- read.csv("https://gist.githubusercontent.com/technocrat/93470bf9abead06
ef926/raw/f652f8171374e7808455f42167f5480ea15f7f4e/state_fips_postal.csv", header = F
ALSE, stringsAsFactors = FALSE)
converter <- rename(converter, NAME = V1, geoid = V2, id = V3)
states_key <- as.tibble(converter) %>% filter(id != 'DC')

kable(converter, format.args = list(big.mark = ","), caption = "State Postal Abbrevia
tions with FIPS Codes") %>% kable_styling(bootstrap_options = "striped", full_width
= F)
```

State Postal Abbreviations with FIPS Codes

NAME	geoid	id
Alabama	1	AL
Alaska	2	AK
Arizona	4	AZ
Arkansas	5	AR
California	6	CA
Colorado	8	CO
Connecticut	9	CT
Delaware	10	DE
District of Columbia	11	DC
Florida	12	FL

Georgia	13	GA
Hawaii	15	HI
Idaho	16	ID
Illinois	17	IL
Indiana	18	IN
Iowa	19	IA
Kansas	20	KS
Kentucky	21	KY
Louisiana	22	LA
Maine	23	ME
Maryland	24	MD
Massachusetts	25	MA
Michigan	26	MI
Minnesota	27	MN
Mississippi	28	MS
Missouri	29	MO
Montana	30	MT
Nebraska	31	NE
Nevada	32	NV
New Hampshire	33	NH
New Jersey	34	NJ
New Mexico	35	NM
New York	36	NY
North Carolina	37	NC
North Dakota	38	ND

Ohio	39	OH
Oklahoma	40	OK
Oregon	41	OR
Pennsylvania	42	PA
Rhode Island	44	RI
South Carolina	45	SC
South Dakota	46	SD
Tennessee	47	TN
Texas	48	TX
Utah	49	UT
Vermont	50	VT
Virginia	51	VA
Washington	53	WA
West Virginia	54	WV
Wisconsin	55	WI
Wyoming	56	WY

With that input, which has assigned the object `converter` to the source CSV file, it is easy to use `dplyr`'s `filter` verb to select records based on criteria available in the column names.

For example, say you wanted only the abbreviations for three states, you'd use `filter`

```
filtered <- converter %>% filter(NAME == "Wyoming" | geoid == 23)
kable(filtered, format.args = list(big.mark = ","), caption = "Selected State Postal
Abbreviations with FIPS Codes") %>%
kable_styling(bootstrap_options = "striped", full_width = F)
```

Selected State Postal
Abbreviations with FIPS
Codes

NAME	geoid	id
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Maine	23	ME
Wyoming	56	WY