

Crosswalks - Download

Datasets

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Preamble

```
rm(list = ls())
pklist <- c("curl", "tidyverse", "readstata13")
source("https://fgeerolf.github.io/datasets/load-packages.R")
options(tibble.print_max = 100)
```

Geographic Crosswalks

County to CZ

From David Dorn's website: <https://www.ddorn.net/data/>

```
curl_download(url = "https://www.ddorn.net/data/cw_cty_czone.zip",
              destfile = "cw_cty_czone.zip",
              quiet = FALSE)
unzip("cw_cty_czone.zip")
unlink("cw_cty_czone.zip")
county.to.cz <- read.dta13("cw_cty_czone.dta") %>%
  rename(fips = cty_fips)
unlink("cw_cty_czone.dta")

save(county.to.cz, file = "county.to.cz.RData")
```

County to CBSAs

```
county.to.cbsa <- "http://www.nber.org/cbsa-msa-fips-ssa-county-crosswalk/cbsatocountycrosswalk.csv" %>%
  read.csv
save(county.to.cbsa, file = "county.to.cbsa.RData")
```

County to MSAs

```
county.to.msa <- county.to.cbsa %>%
  select(fips = fipscounty, msa) %>%
  arrange(fips)

save(county.to.msa, file = "county.to.msa.RData")
```

MSAs to CBSAs

```
msa.to.cbsa <- county.to.cbsa %>%
  select(cbsa, cbsaname, cbsaold, cbsanameold, msa) %>%
  arrange(cbsa)

save(msa.to.cbsa, file = "msa.to.cbsa.RData")
```

Zipcode to County

```
zipcode.to.county <- "https://www2.census.gov/geo/docs/maps-data/data/rel/zcta_county_rel_10.txt" %>%
  read.delim(sep = ",") %>%
  mutate(fips = STATE*1000+COUNTY) %>%
  select(zipcode = ZCTA5, fips) %>%
  arrange(zipcode)

save(zipcode.to.county, file = "zipcode.to.county.RData")
```

States

crosswalk.state.names and crosswalk

```
load("fips.statenames.xwalk.RData")

crosswalk <- fips.statenames.xwalk %>%
  select(state.code = stateabbrev, state.name = statenames1) %>%
  filter(state.name != "Foreign")

crosswalk.state.names <- crosswalk

save(crosswalk, file = "crosswalk.RData")
save(crosswalk.state.names, file = "crosswalk.state.names.RData")
```

crosswalk.state.census:

```
crosswalk.state.census <- read.delim("https://www2.census.gov/geo/docs/reference/state.txt", sep = "|")
mutate(state.num = STATE,
       state.code = STUSAB %>% paste,
       state.name = STATE_NAME %>% paste,
       statens = STATENS) %>%
select(state.code, state.name, state.num, statens)

save(crosswalk.state.census, file = "crosswalk.state.census.RData")
```

crosswalk.state.main is just a short Census crosswalk with only state.code and state.name as variables:

```
crosswalk.state.main <- crosswalk.state.census %>%
select(state.code, state.name)

save(crosswalk.state.main, file = "crosswalk.state.main.RData")
```

Industry Crosswalks

Computing Environment

```
Sys.time()
```

```
## [1] "2018-09-29 18:19:43 PDT"
```

```
sessionInfo()
```

```
## R version 3.5.1 (2018-07-02)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS High Sierra 10.13.6
##
## Matrix products: default
## BLAS: /Library/Frameworks/R.framework/Versions/3.5/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/3.5/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
## [1] bindrcpp_0.2.2    readstata13_0.9.2 forcats_0.3.0
## [4] stringr_1.3.1     dplyr_0.7.6      purrr_0.2.5
## [7] readr_1.1.1       tidyr_0.8.1      tibble_1.4.2
## [10] ggplot2_3.0.0     tidyverse_1.2.1  curl_3.2
##
## loaded via a namespace (and not attached):
## [1] Rcpp_0.12.18      cellranger_1.1.0 pillar_1.3.0    compiler_3.5.1
## [5] plyr_1.8.4        bindr_0.1.1      tools_3.5.1     digest_0.6.15
## [9] lubridate_1.7.4   jsonlite_1.5     evaluate_0.11   nlme_3.1-137
## [13] gtable_0.2.0      lattice_0.20-35  pkgconfig_2.0.2 rlang_0.2.2
## [17] cli_1.0.0         rstudioapi_0.7   yaml_2.2.0      haven_1.1.2
```

```
## [21] withr_2.1.2      xml2_1.2.0      httr_1.3.1      knitr_1.20
## [25] hms_0.4.2        rprojroot_1.3-2 grid_3.5.1      tidyselect_0.2.4
## [29] glue_1.3.0       R6_2.2.2        readxl_1.1.0    rmarkdown_1.10
## [33] modelr_0.1.2     magrittr_1.5    backports_1.1.2 scales_1.0.0
## [37] htmltools_0.3.6  rvest_0.3.2     assertthat_0.2.0 colorspace_1.3-2
## [41] stringi_1.2.4    lazyeval_0.2.1  munsell_0.5.0   broom_0.5.0
## [45] crayon_1.3.4
```