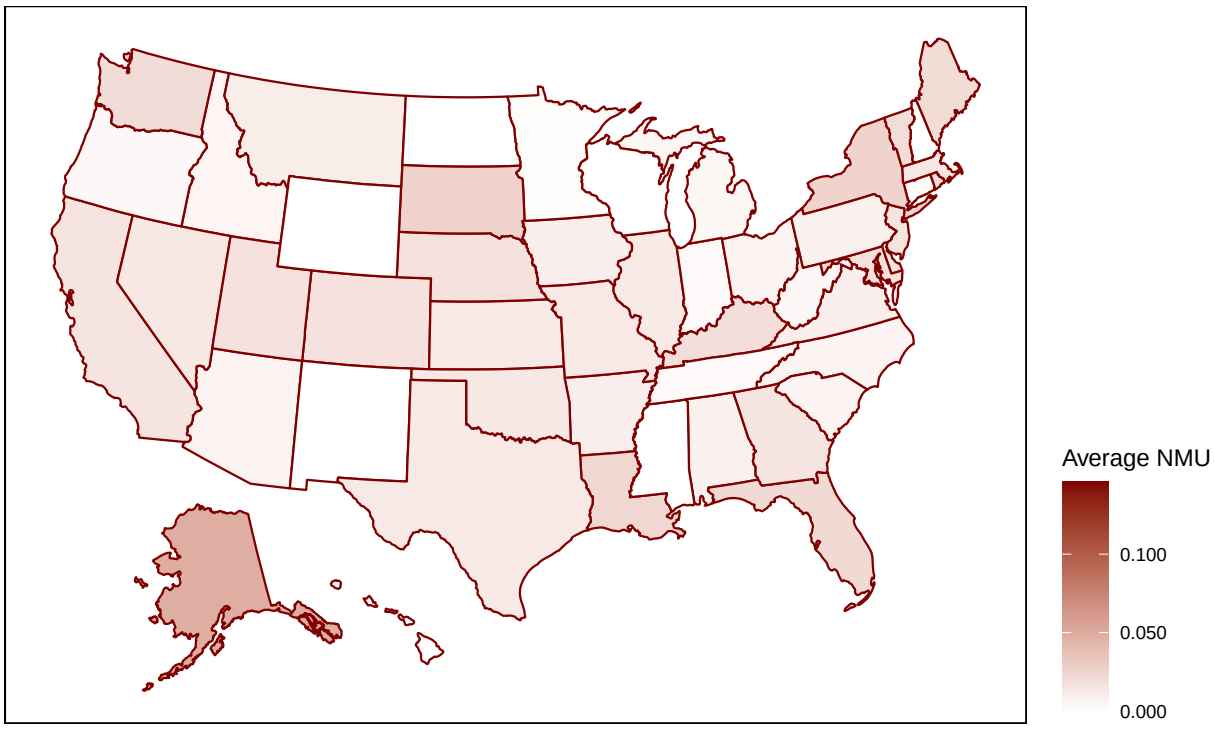
US Maps

```
source("state_nmu.R")
```

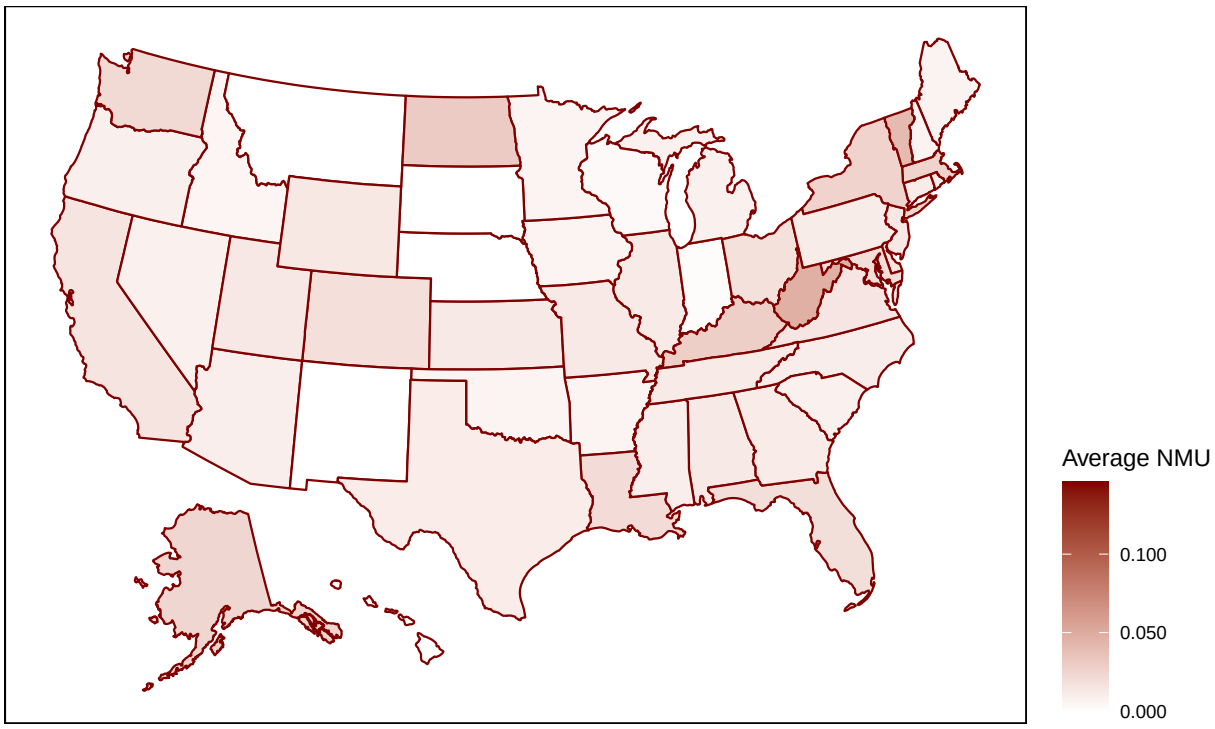
```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## v ggplot2 3.3.3     v purrr   0.3.4
## v tibble  3.1.1     v dplyr   1.0.5
## v tidyr   1.1.3     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.1

## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
for (i in seq_len(ncol(states) - 1) + 1) {
  print(plot_usmap(data = states,
             values = names(states)[i],
             color = rgb(0.5, 0, 0),
             labels = FALSE) +
    scale_fill_continuous( low = "white",
                           high = rgb(0.5, 0, 0),
                           name = "Average NMU",
                           label = scales::comma,
                           limits = range(states[, -1])) +
    theme(legend.position = "right") +
    theme(panel.background = element_rect(color = "black")) +
    labs(title = paste("Average", names(states)[i], "NMU by State", collapse = " ")))
}
```

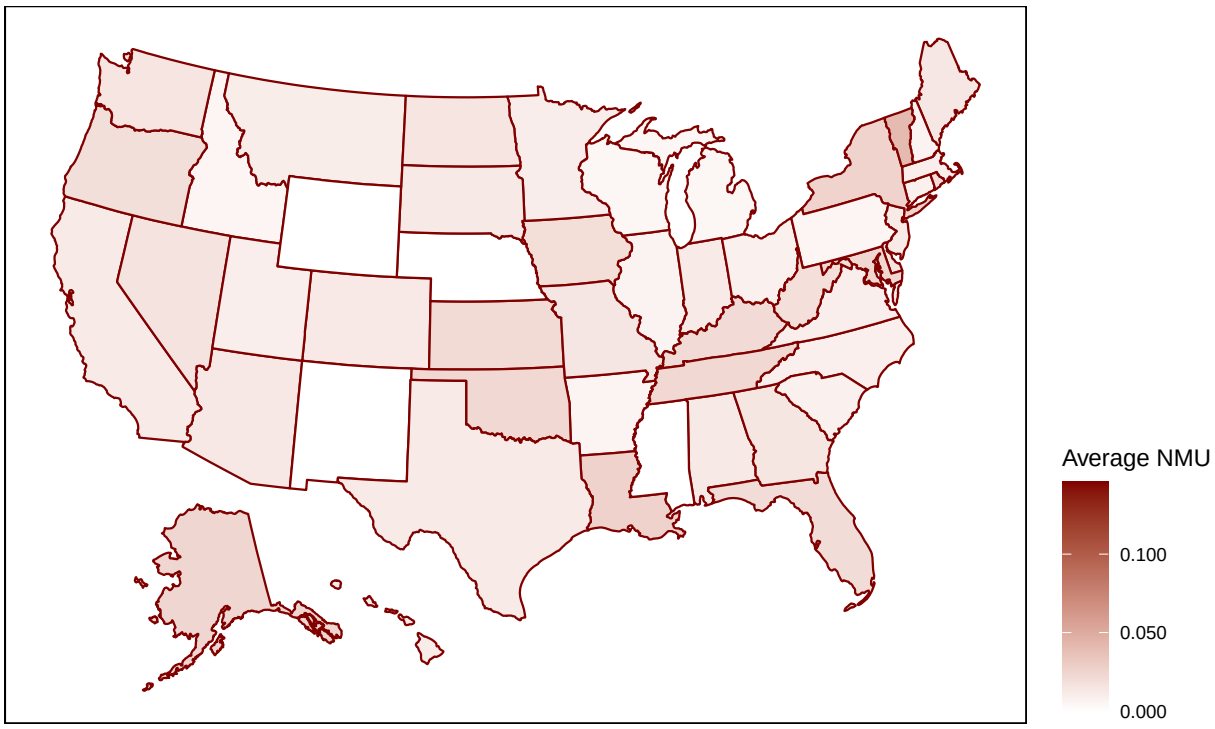
Average fent NMU by State



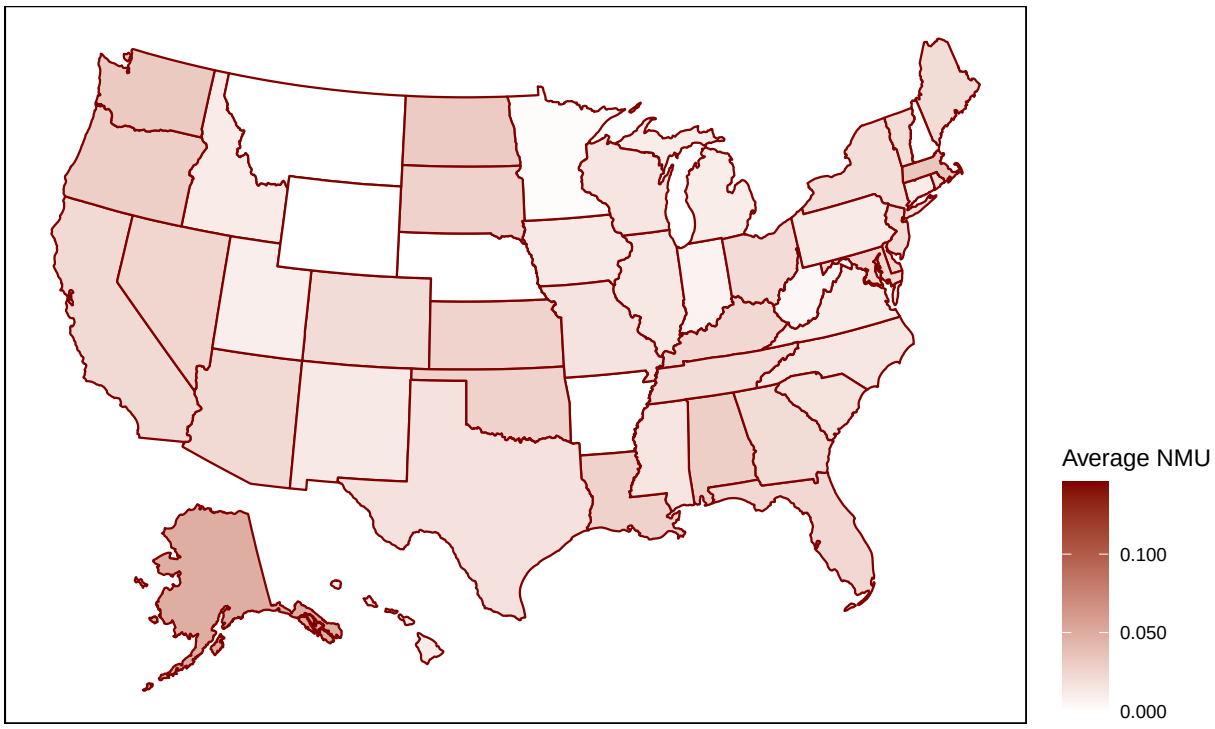
Average bup NMU by State



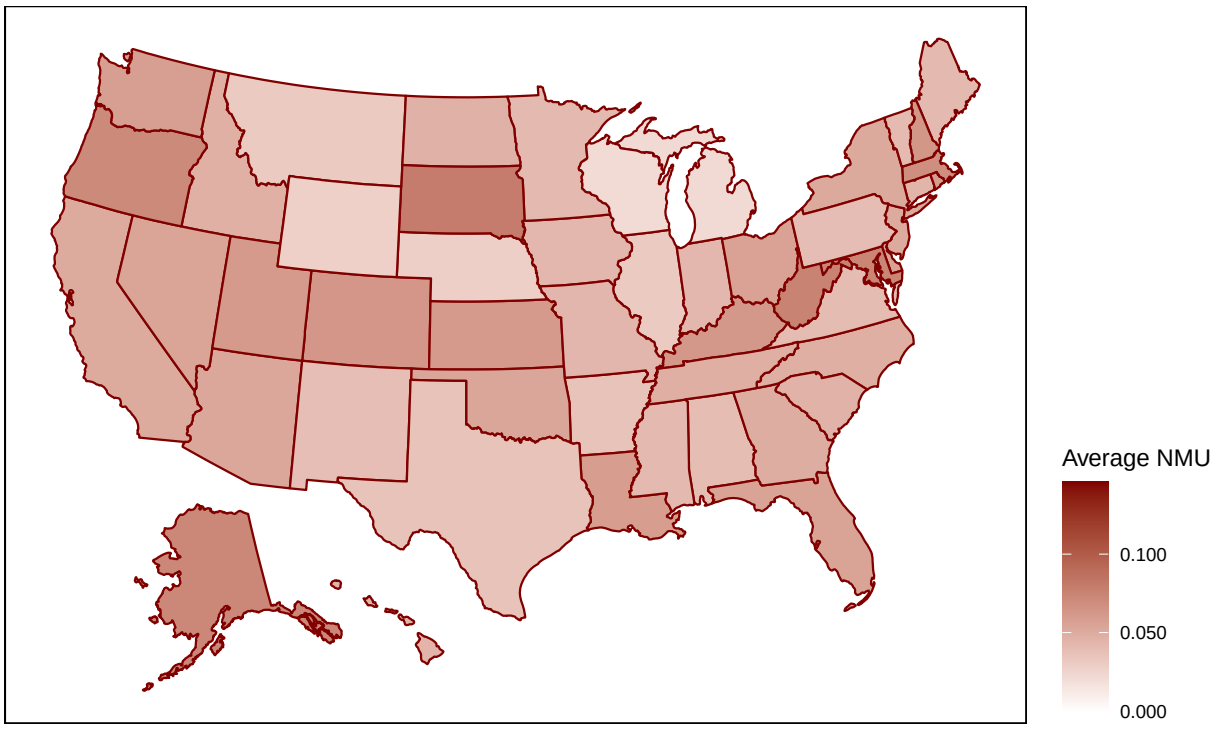
Average meth NMU by State



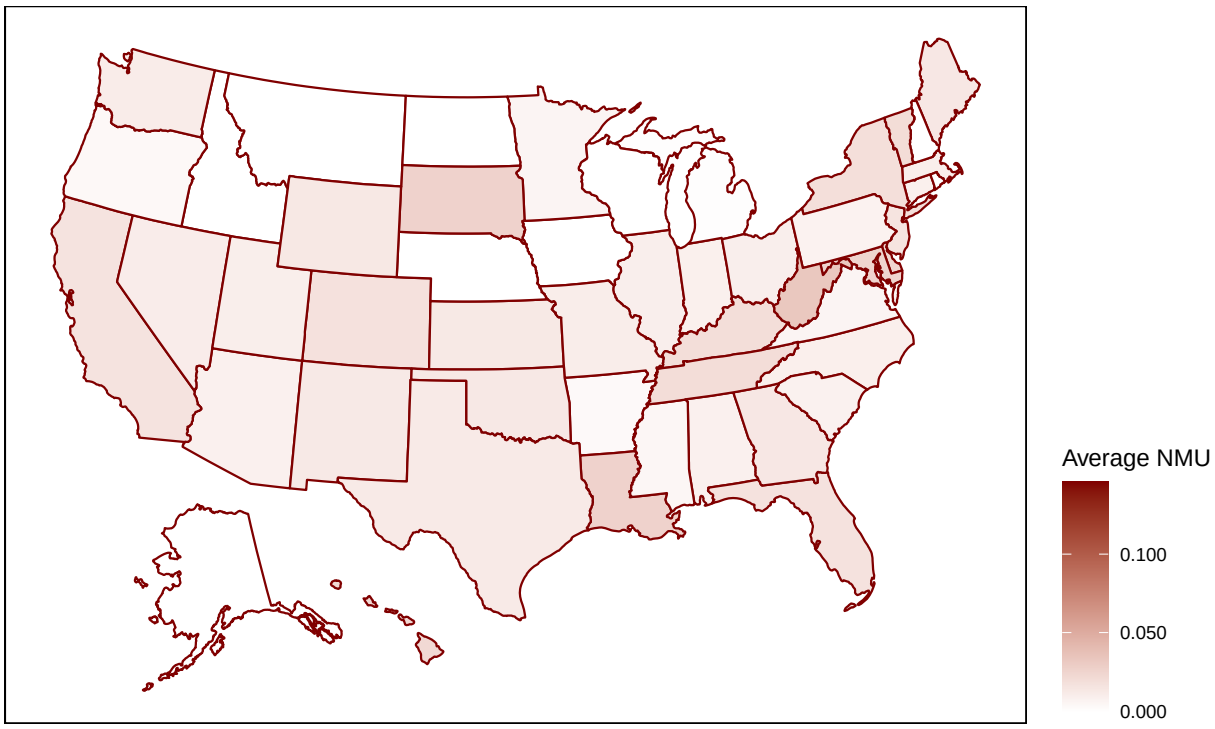
Average morph NMU by State



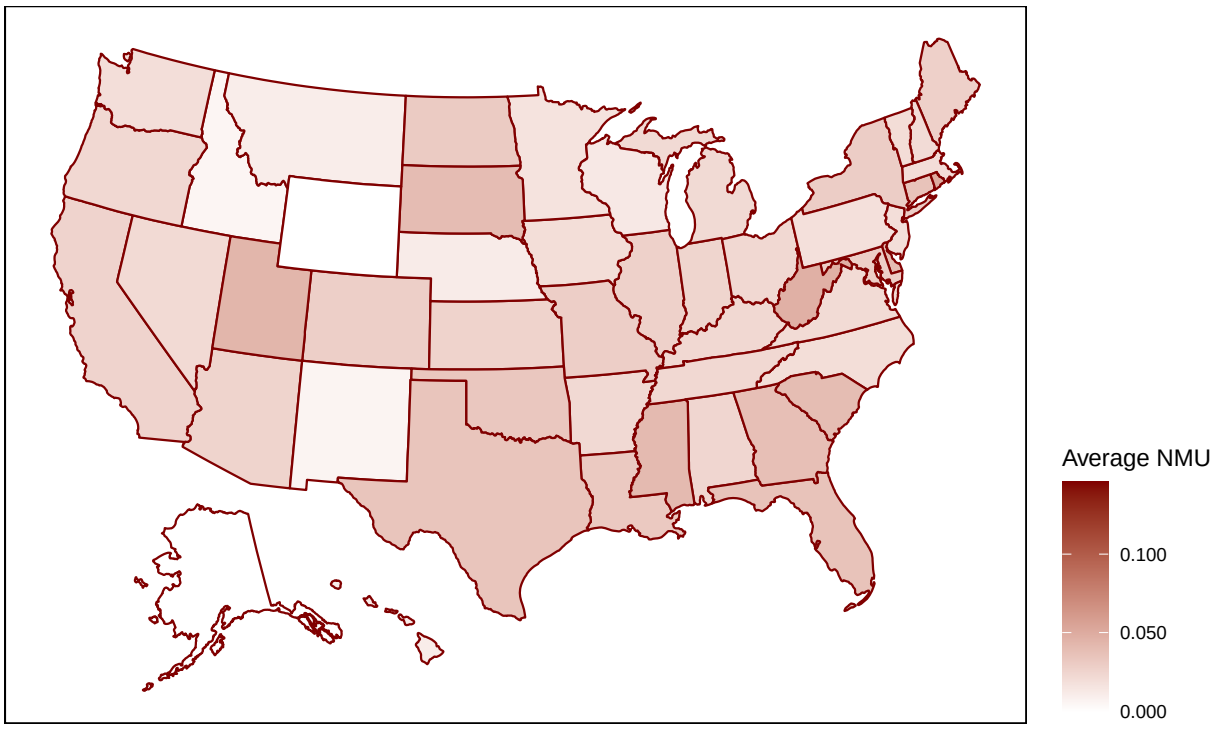
Average oxy NMU by State



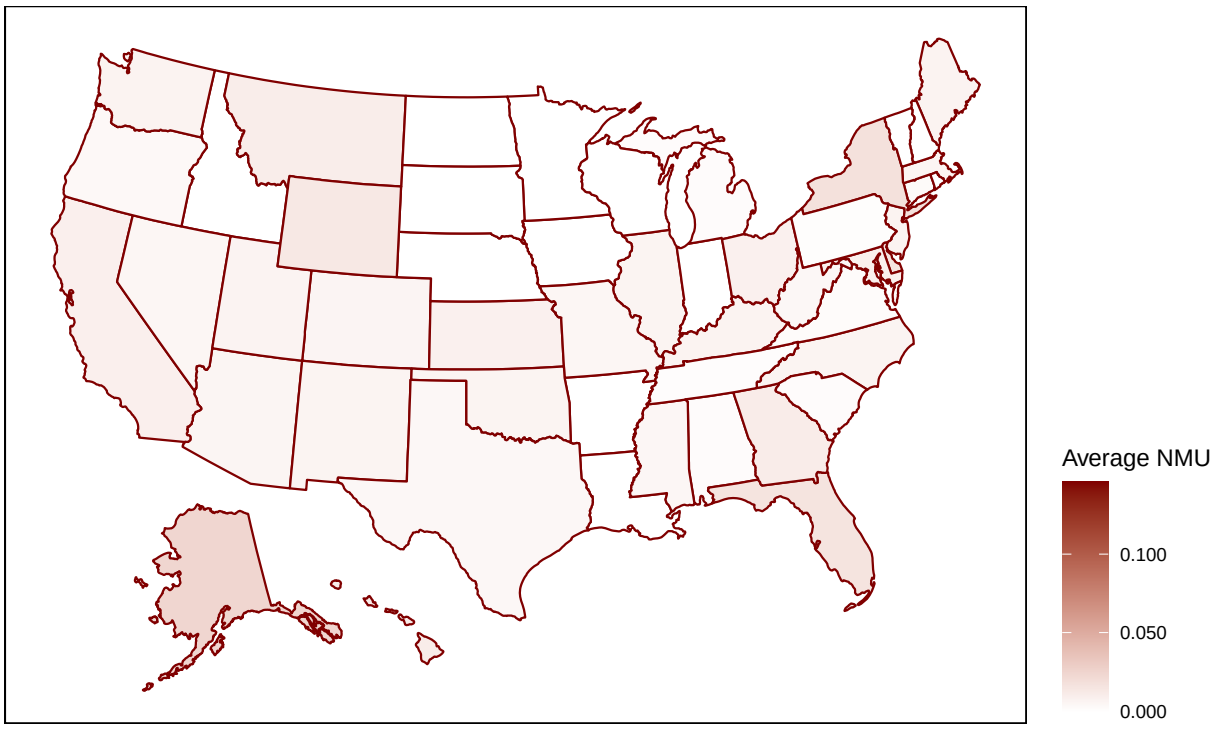
Average oxym NMU by State



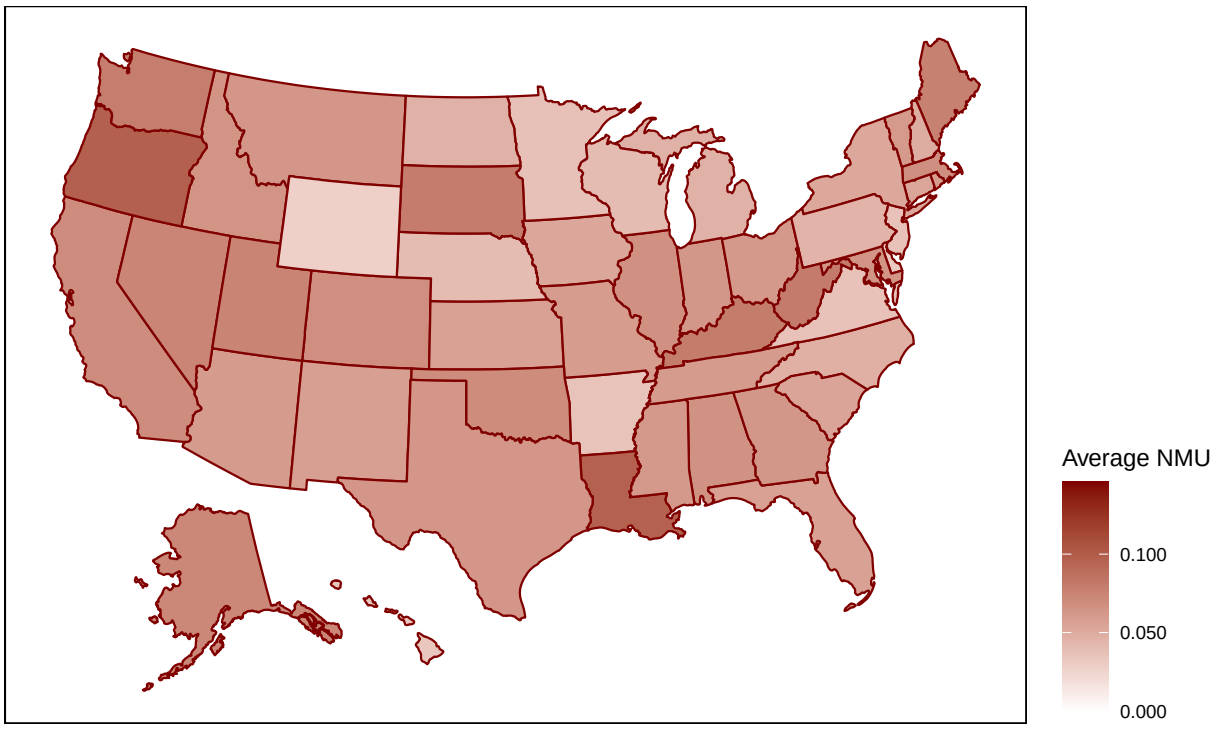
Average tram NMU by State



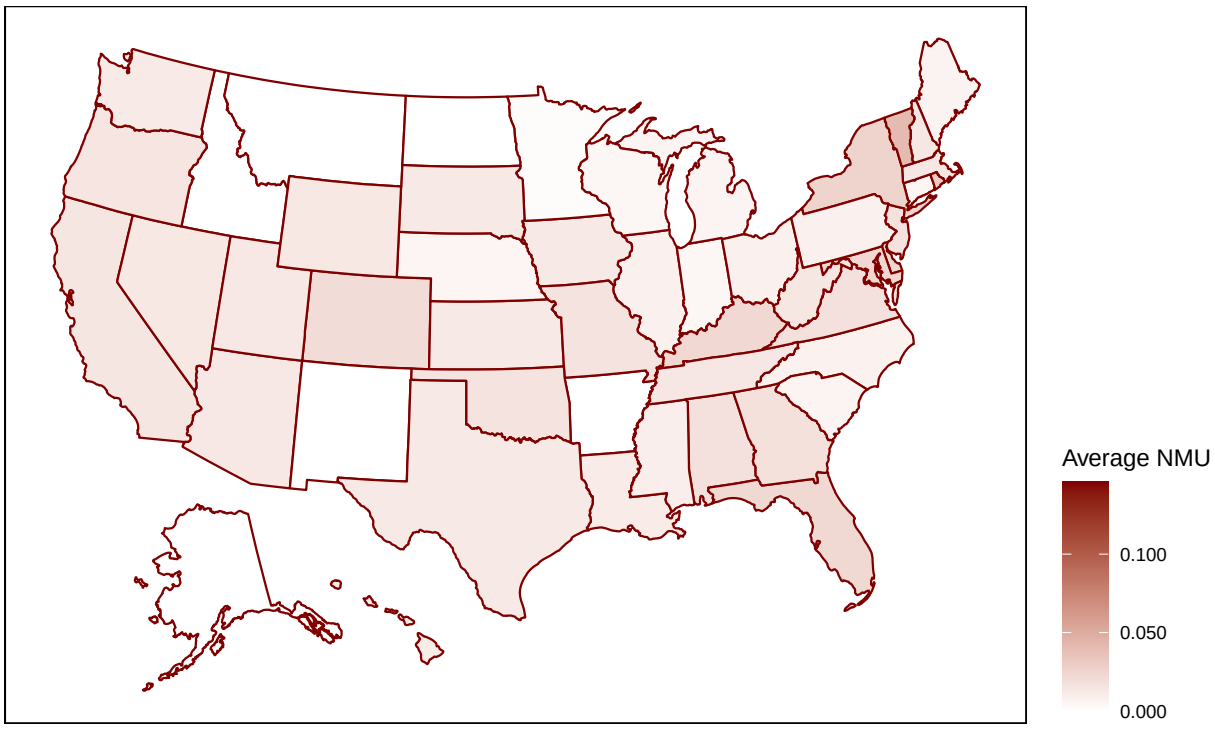
Average tap NMU by State



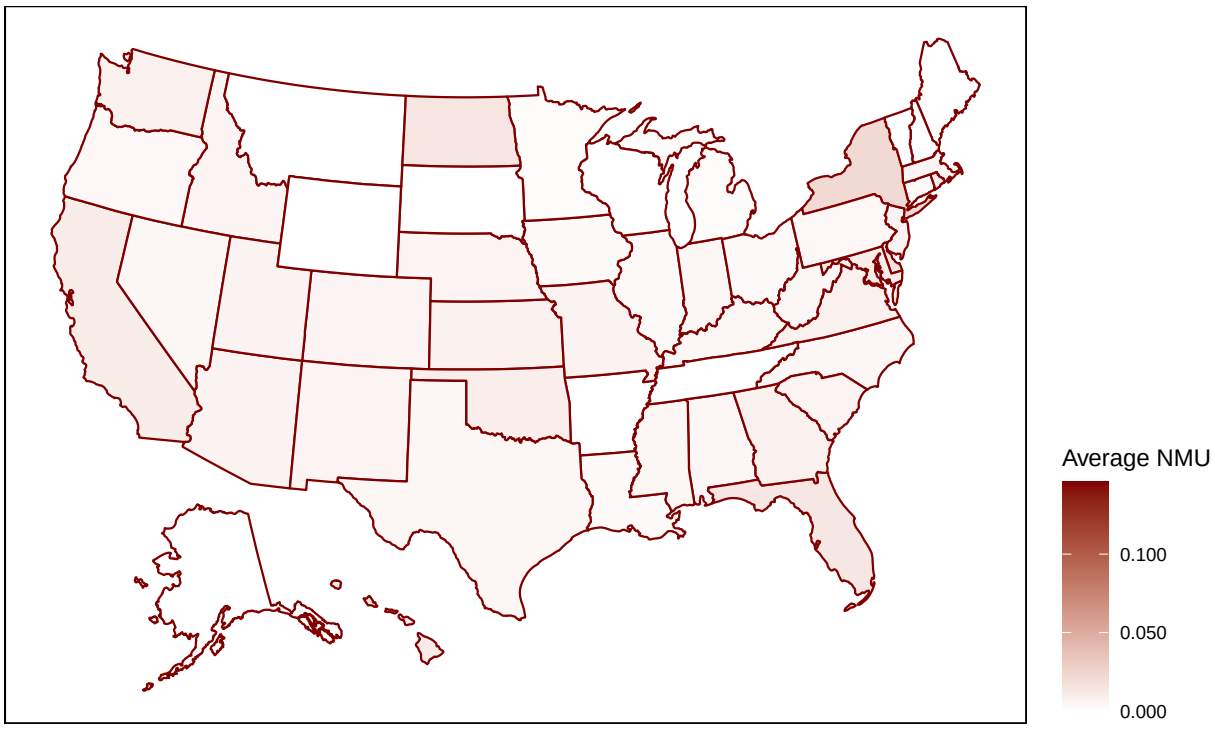
Average hyd NMU by State



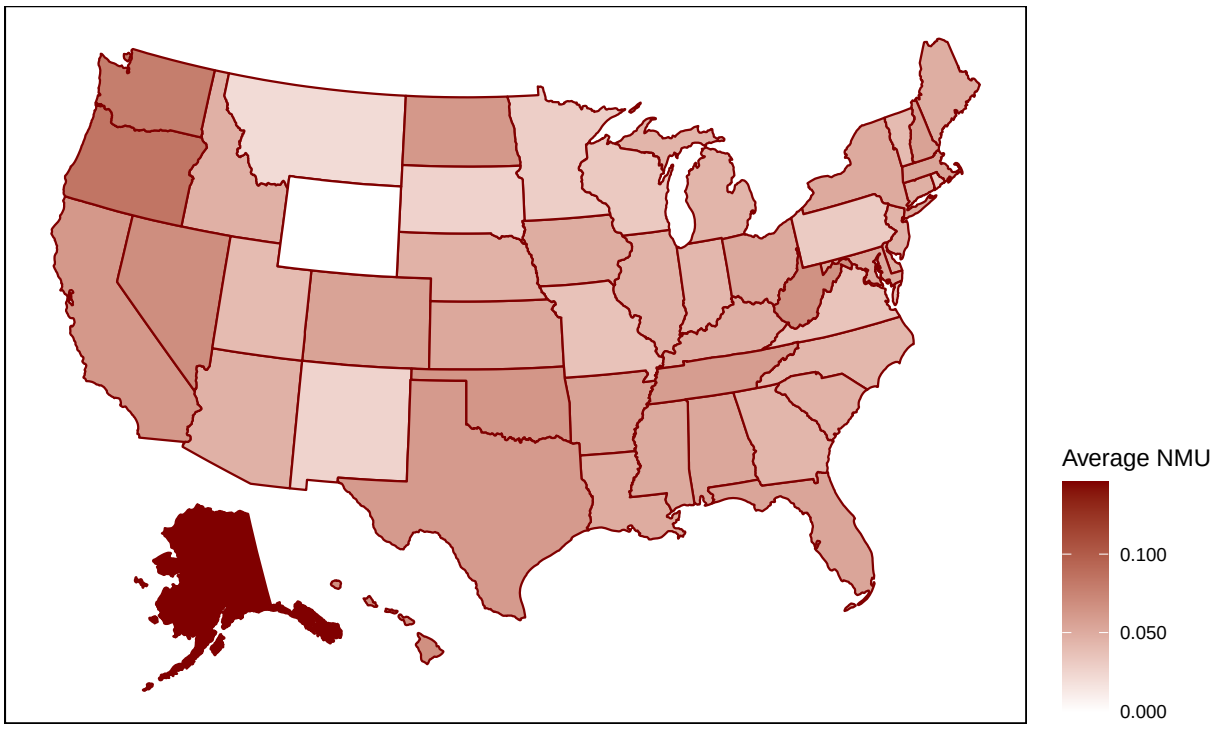
Average hydm NMU by State



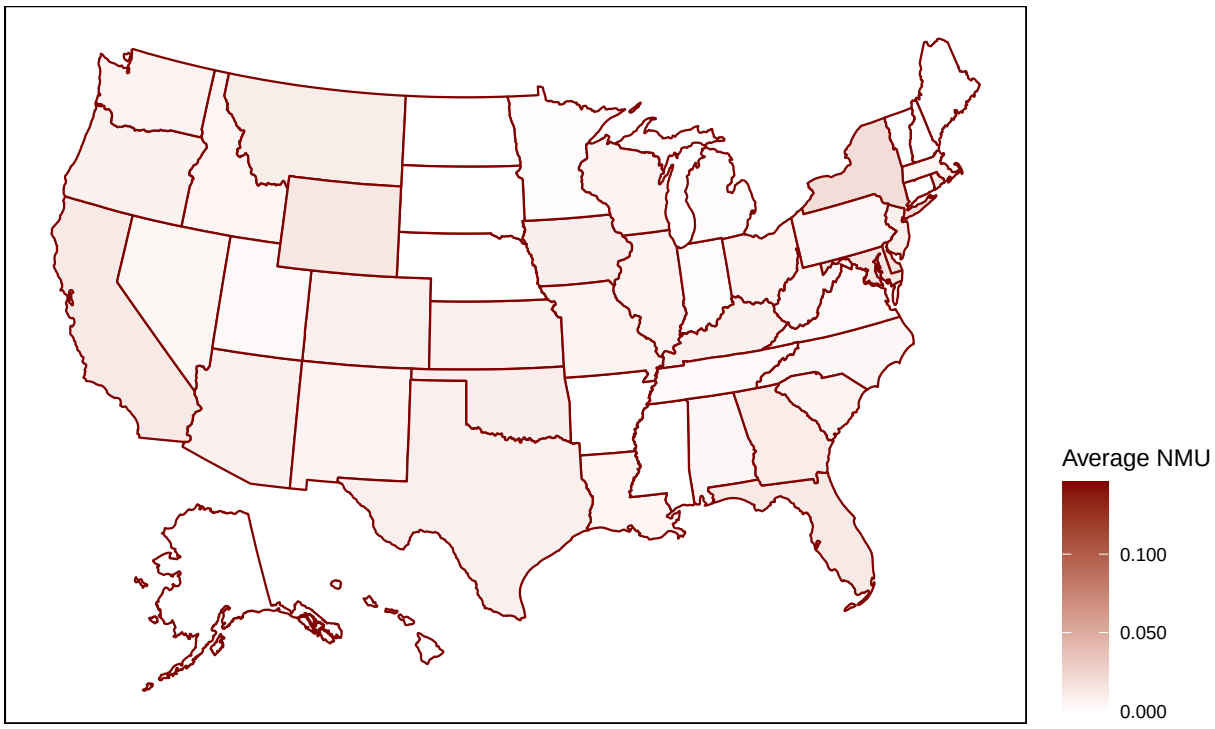
Average suf NMU by State



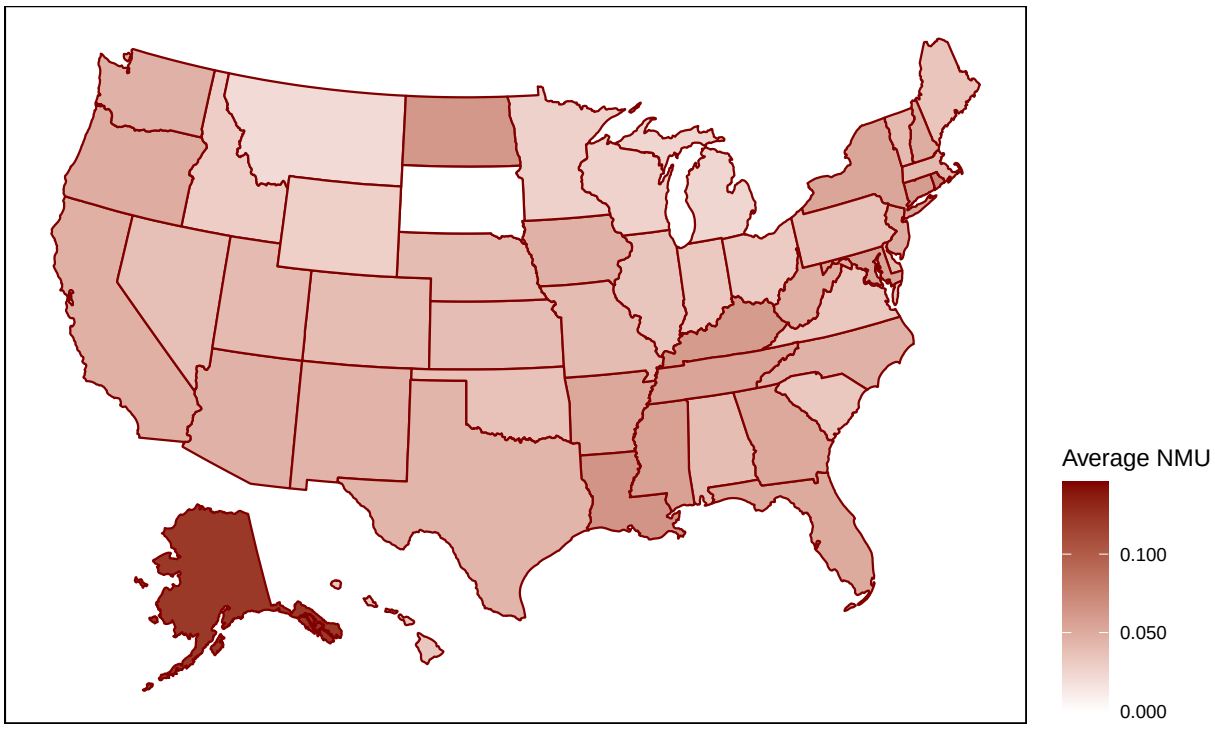
Average cod NMU by State



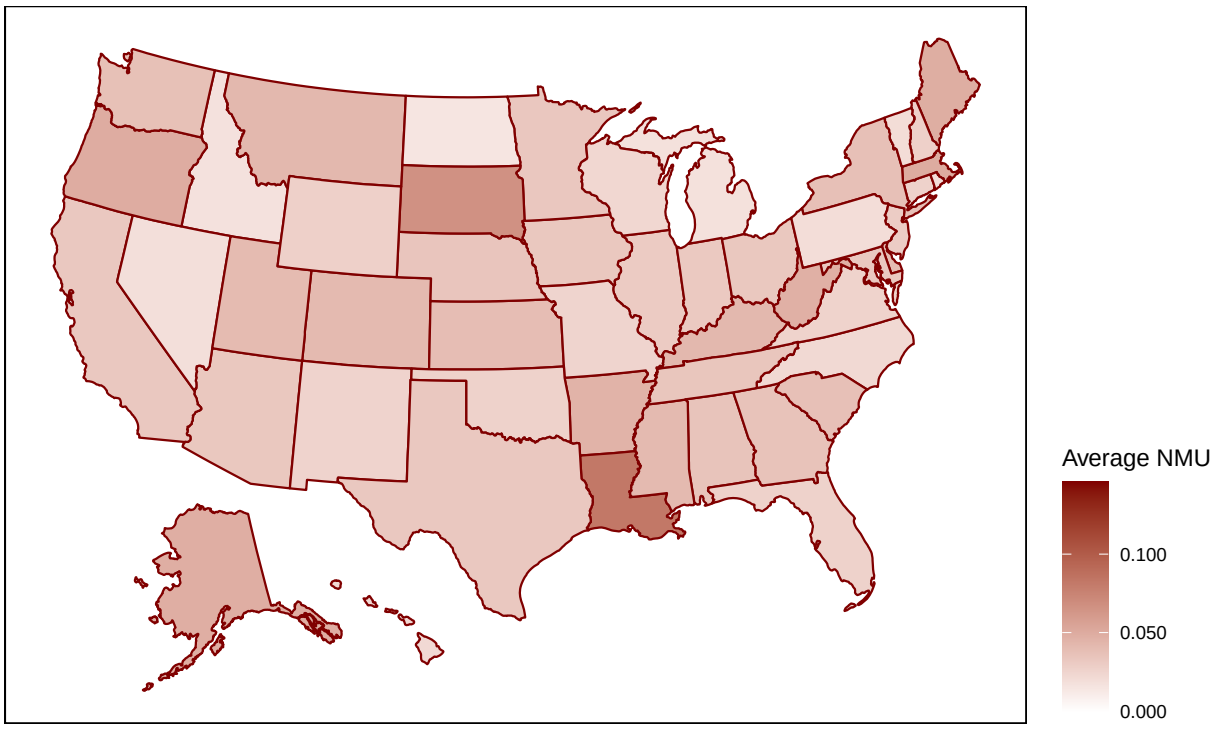
Average dihy NMU by State



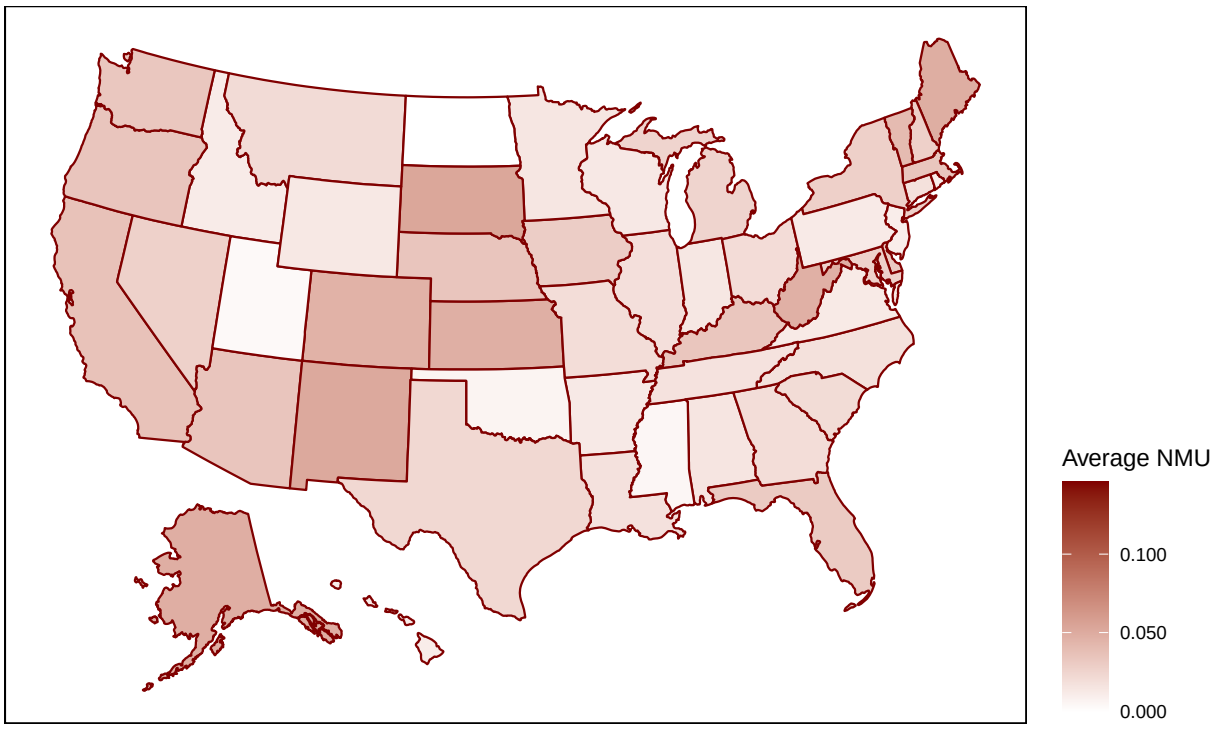
Average benz NMU by State



Average stim NMU by State



Average thc NMU by State



Average ktm NMU by State