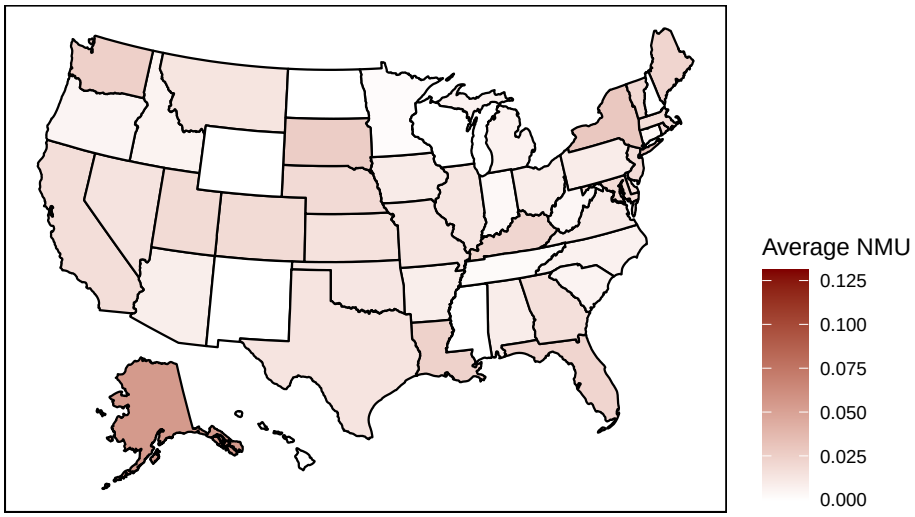
US Maps (Proportion of Total Respondents)

```
source("state_nmu_prop.R")
```

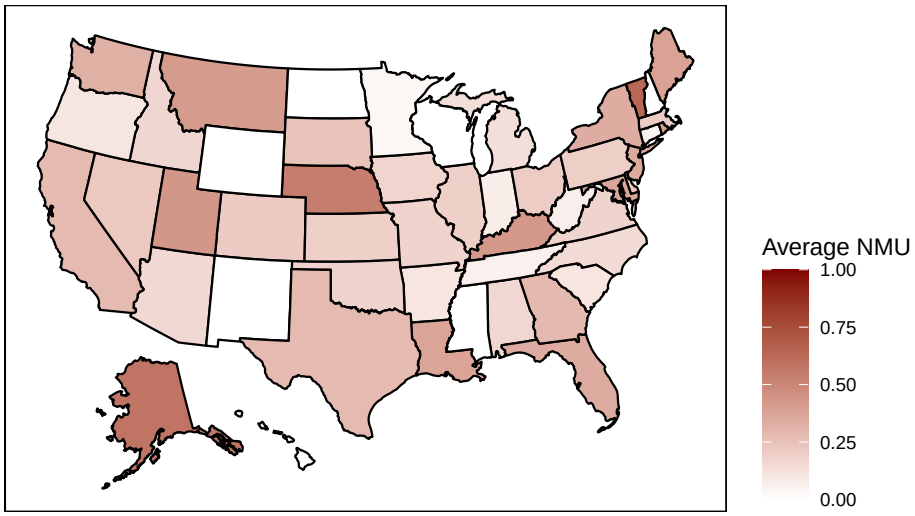
```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## 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()
```

```
source("state_nmu.R")
state_nmu[is.na(state_nmu)] <- 0
par(mfrow = c(1, 2))
for (i in seq_len(ncol(states) - 1) + 1) {
  print(plot_usmap(data = states,
             values = names(states)[i],  # Change this for respective variable
             color = rgb(0, 0, 0),
             labels = FALSE) +
    scale_fill_continuous( low = "white",
                           high = rgb(0.5, 0, 0),
                           name = "Average NMU",
                           label = scales::comma,
                           limits = if(i < 19) {range(states[, -c(1, 19, 20, 21)])}else{NULL}) +
    theme(legend.position = "right") +
    theme(panel.background = element_rect(color = "black")) +
    labs(title = paste("Average", names(states)[i], "NMU by State", collapse = " ")))
  print(plot_usmap(data = state_nmu,
             values = names(state_nmu)[i],
             color = rgb(0, 0, 0),
             labels = FALSE) +
    scale_fill_continuous( low = "white",
                           high = rgb(0.5, 0, 0),
                           name = "Average NMU",
                           label = scales::comma,
                           limits = if(i < 19) {range(state_nmu[, -c(1, 19, 20, 21)])}else{NULL}) +
    theme(legend.position = "right") +
    theme(panel.background = element_rect(color = "black")) +
    labs(title = paste("Average", names(state_nmu)[i], "NMU by State (Based on those who have used)", c
}
```

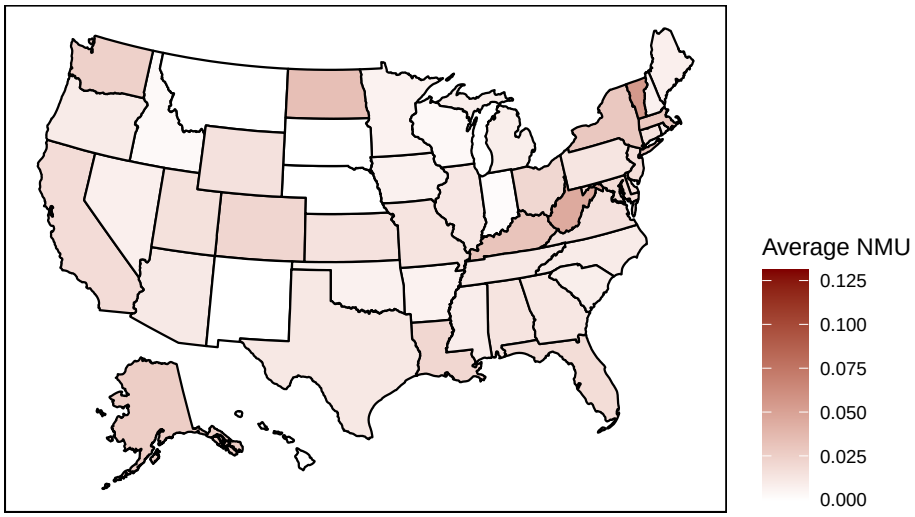
Average fent NMU by State



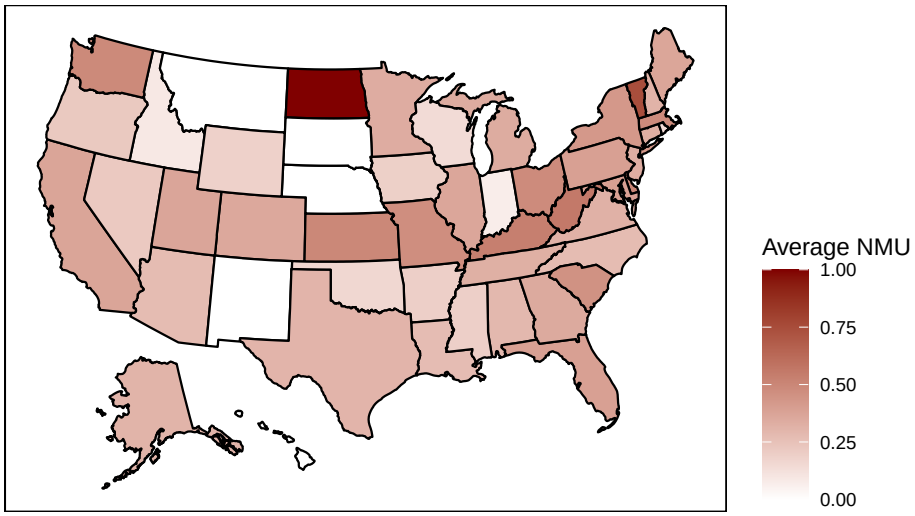
Average fent NMU by State (Based on those who have used)



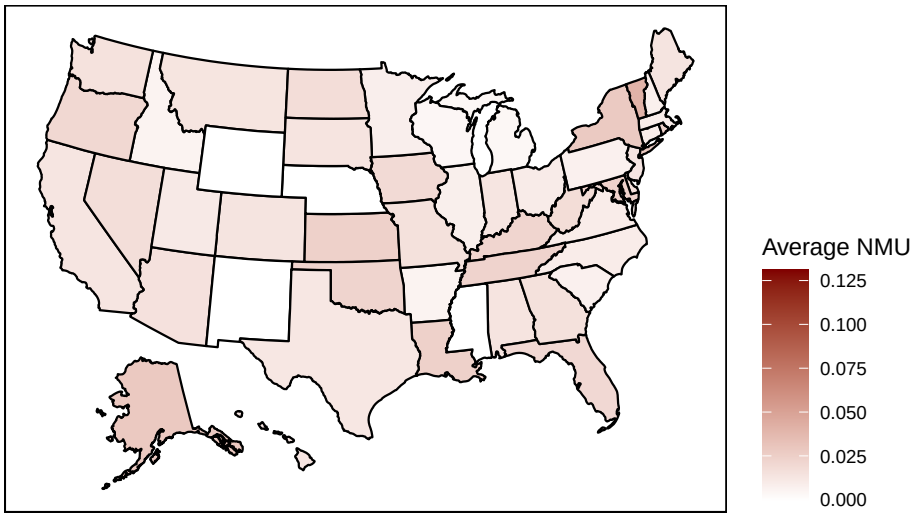
Average bup NMU by State



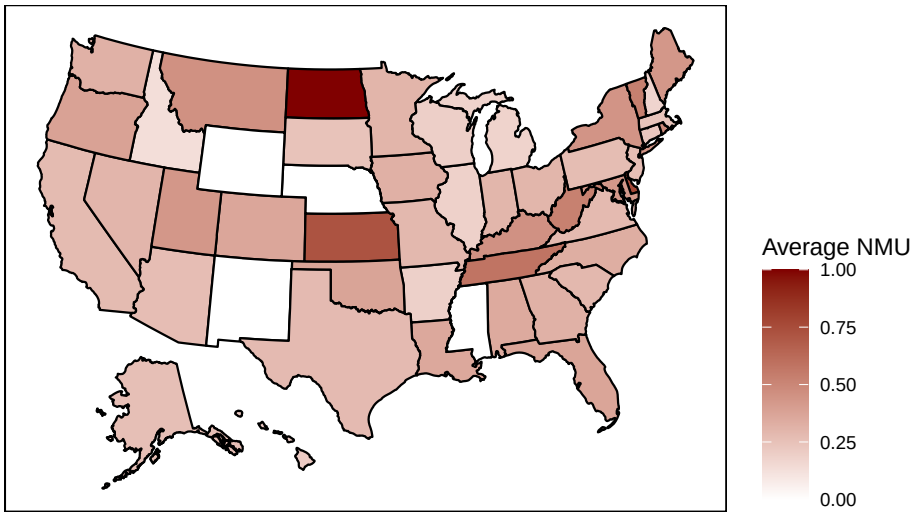
Average bup NMU by State (Based on those who have used)



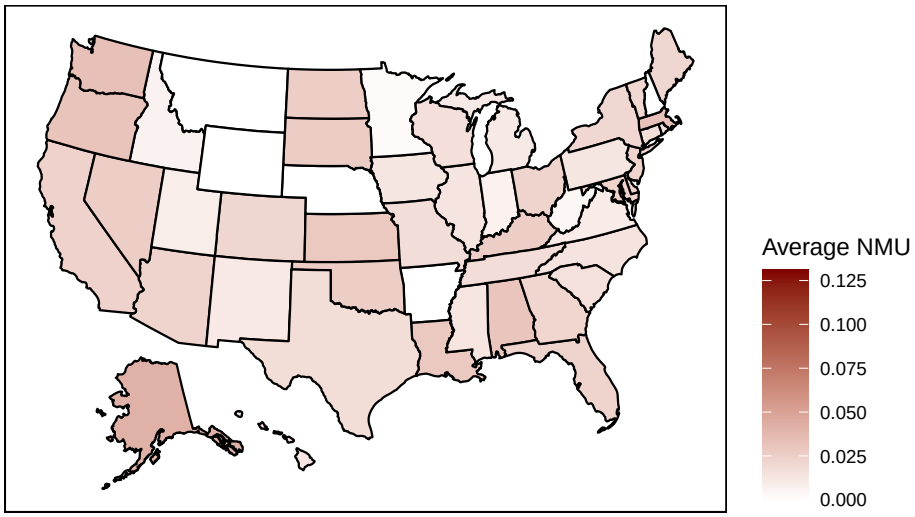
Average meth NMU by State



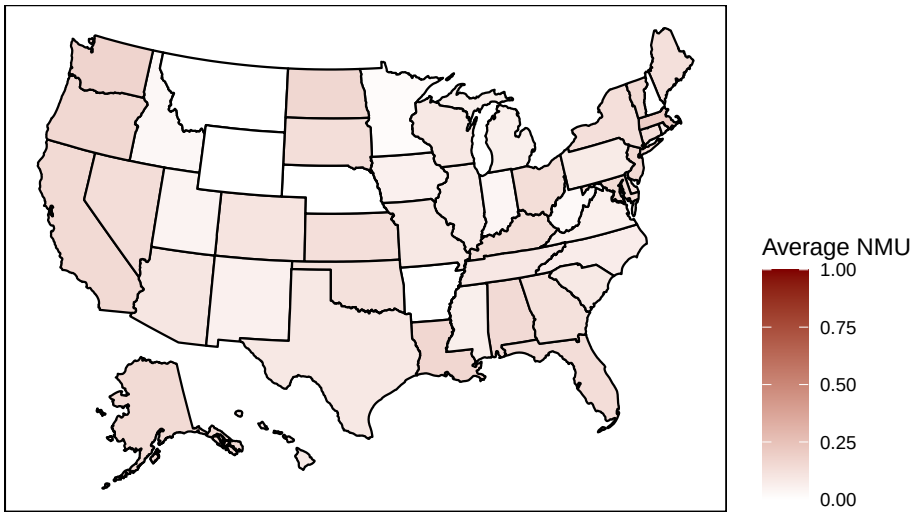
Average meth NMU by State (Based on those who have used)



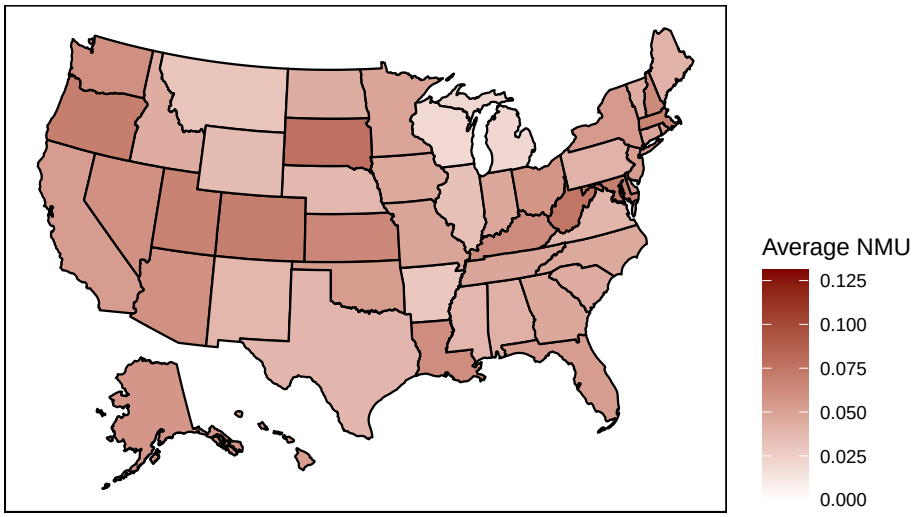
Average morph NMU by State



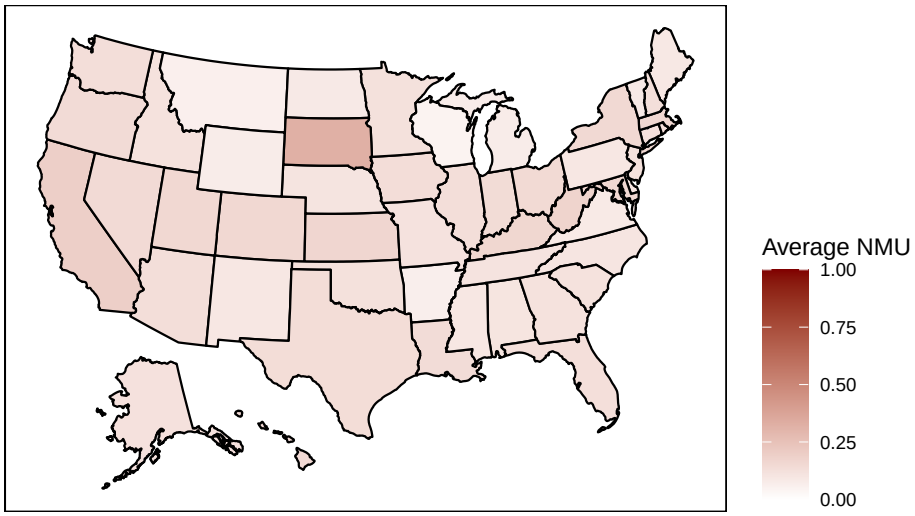
Average morph NMU by State (Based on those who have used)



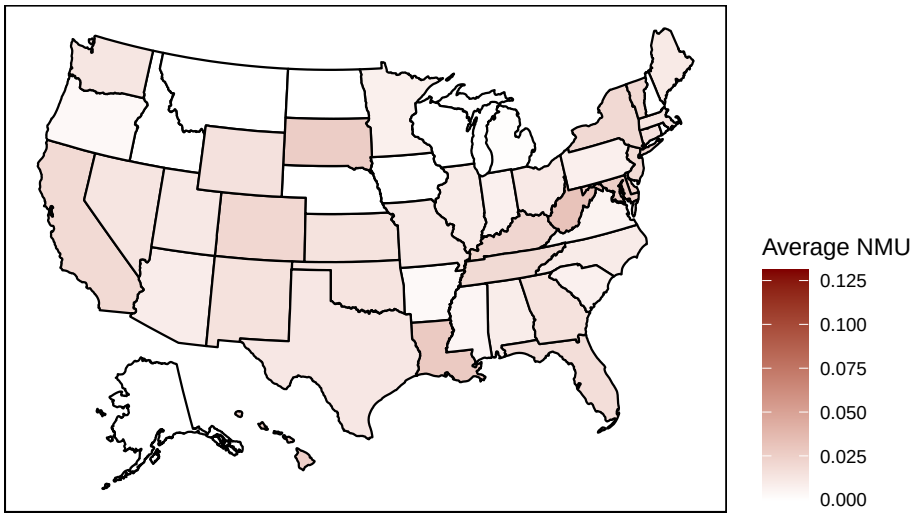
Average oxy NMU by State



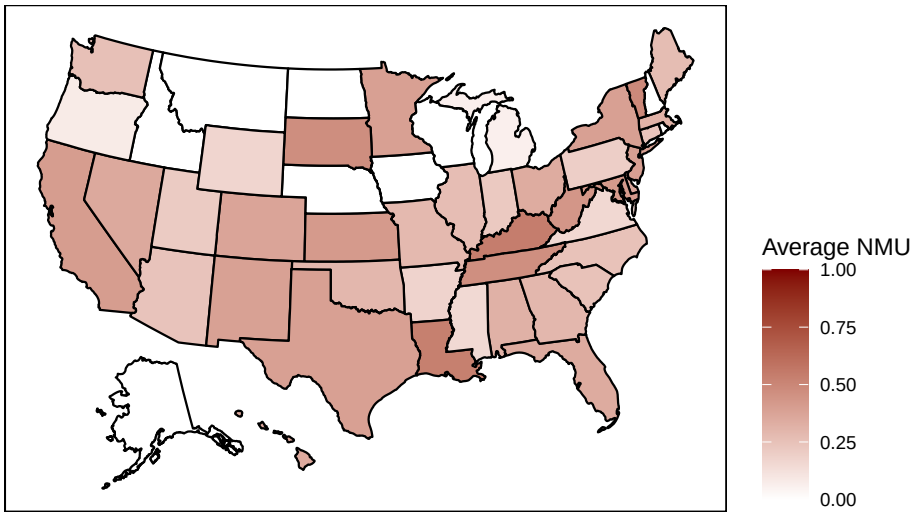
Average oxy NMU by State (Based on those who have used)



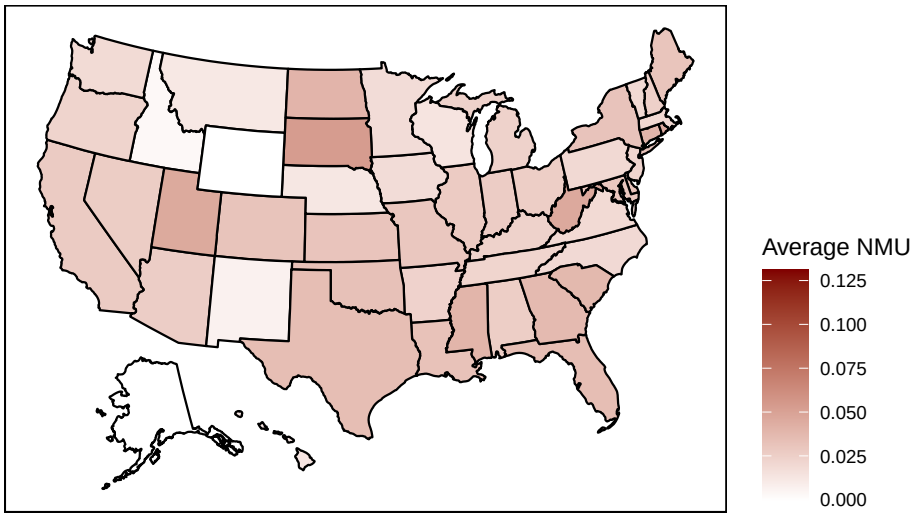
Average oxym NMU by State



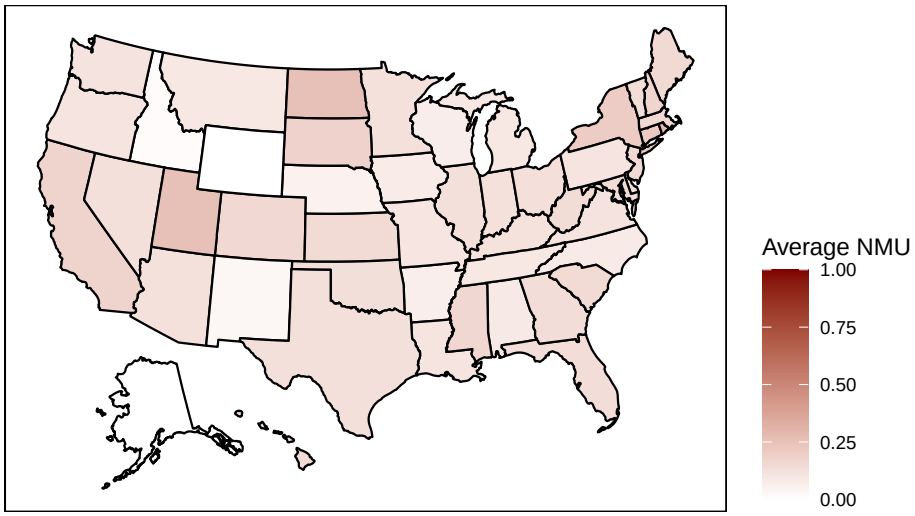
Average oxym NMU by State (Based on those who have used)



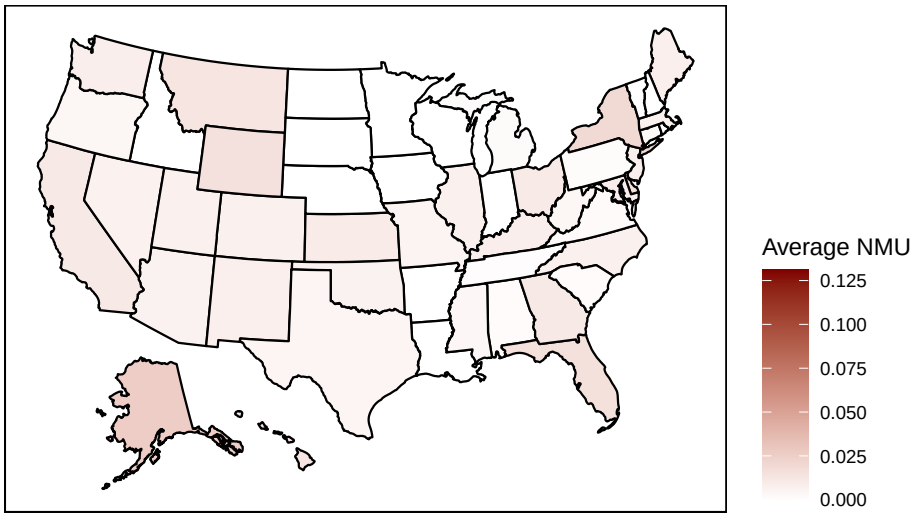
Average tram NMU by State



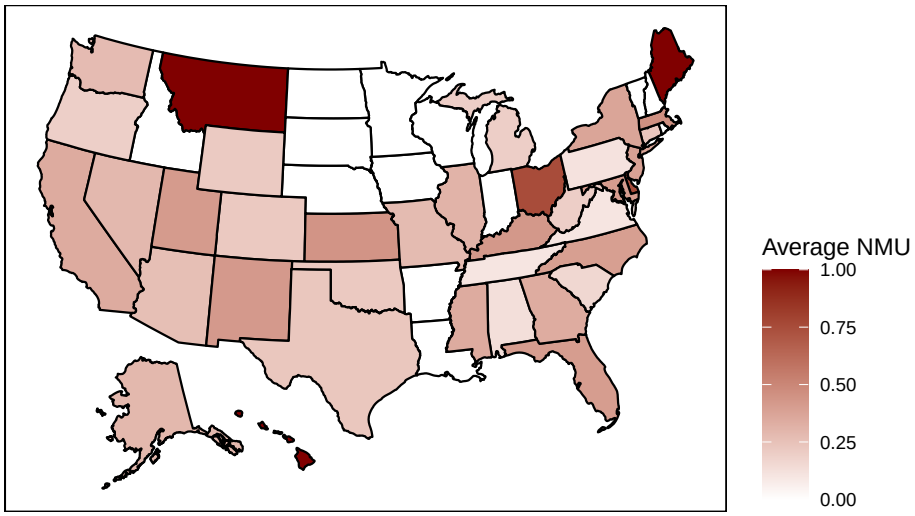
Average tram NMU by State (Based on those who have used)



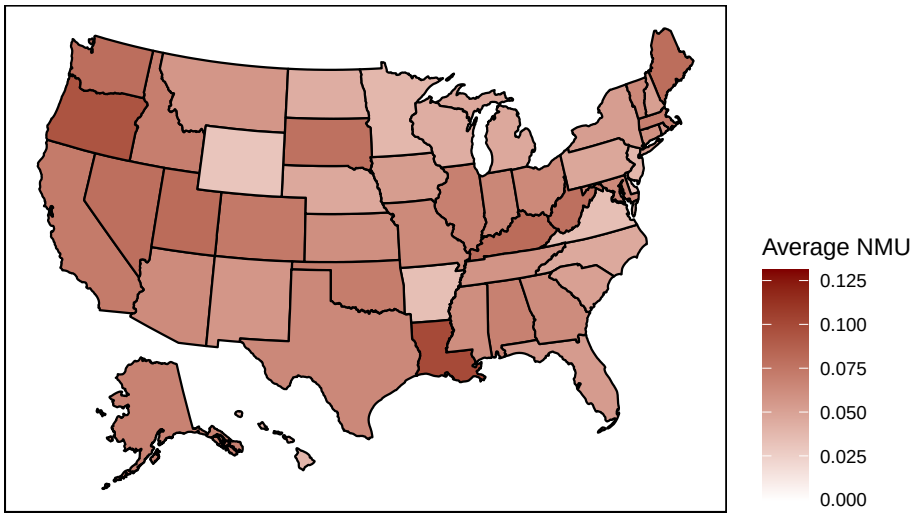
Average tap NMU by State



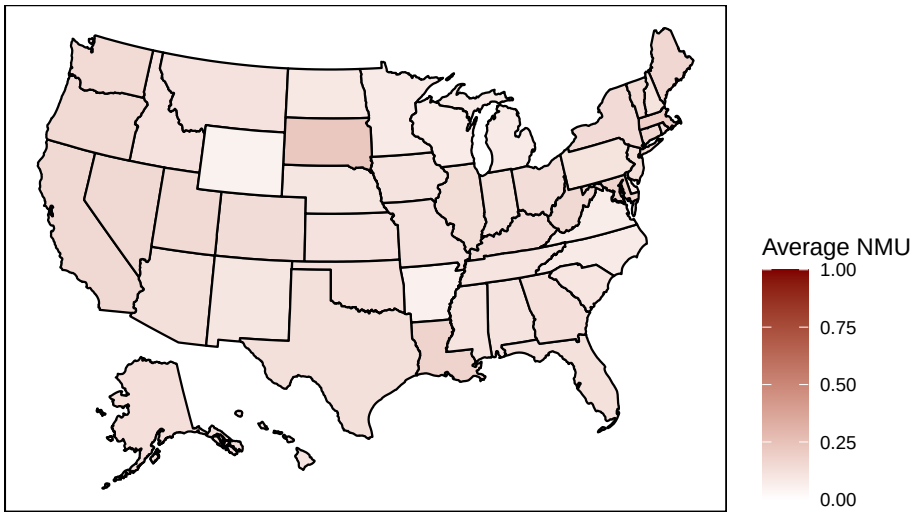
Average tap NMU by State (Based on those who have used)



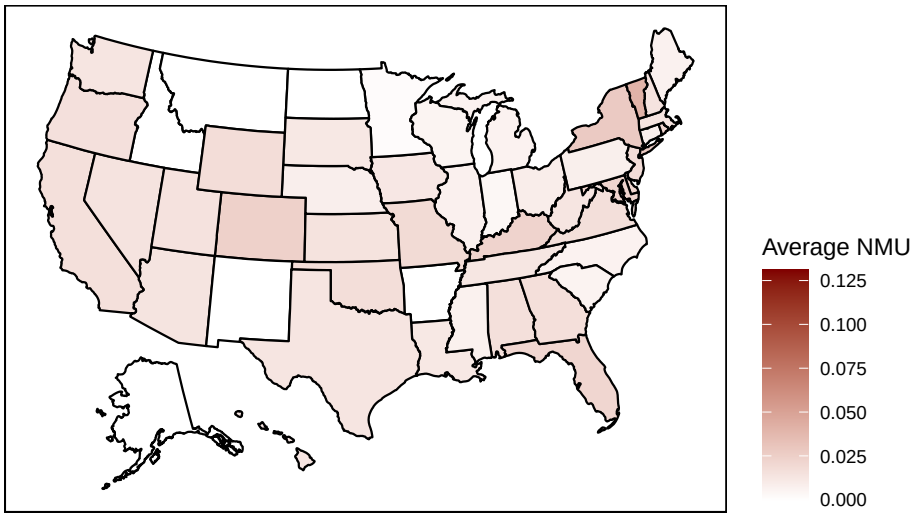
Average hyd NMU by State



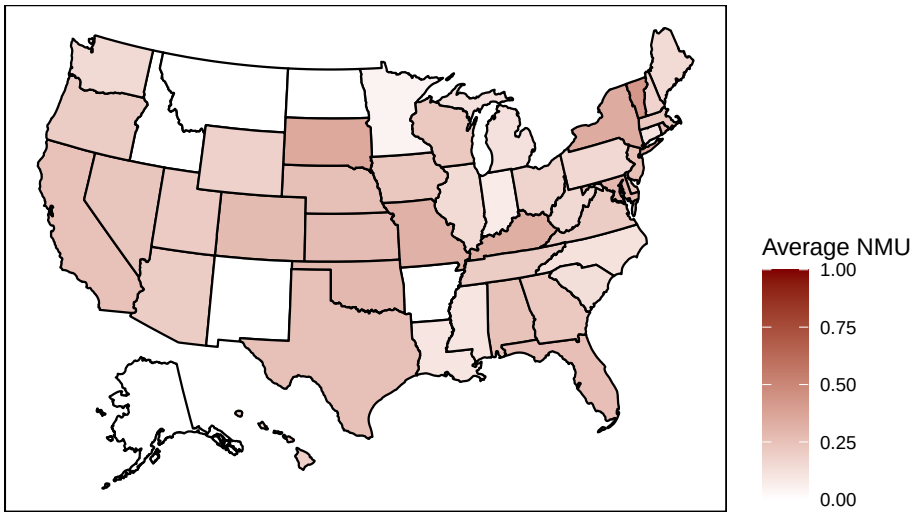
Average hyd NMU by State (Based on those who have used)



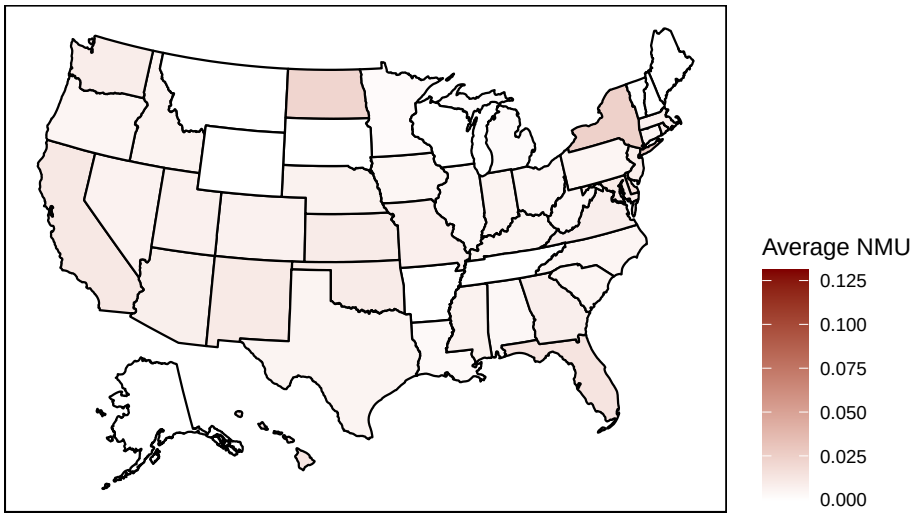
Average hydm NMU by State



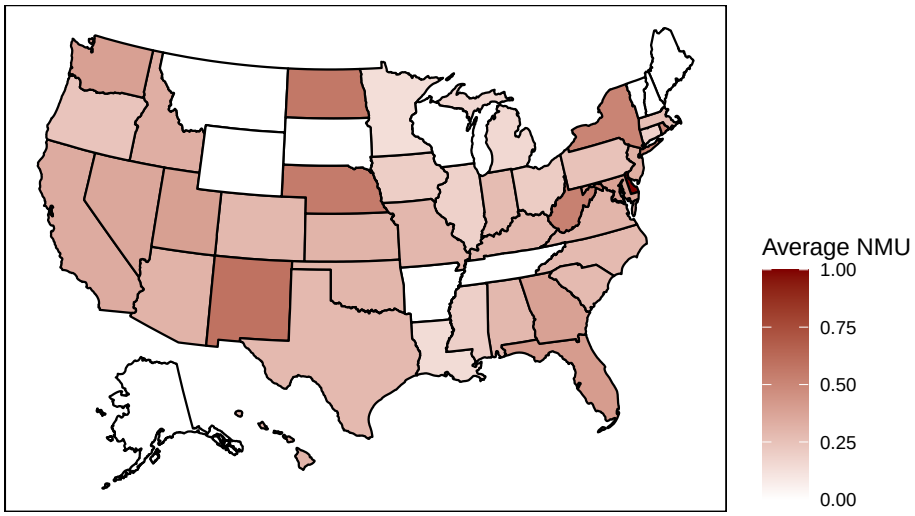
Average hydm NMU by State (Based on those who have used)



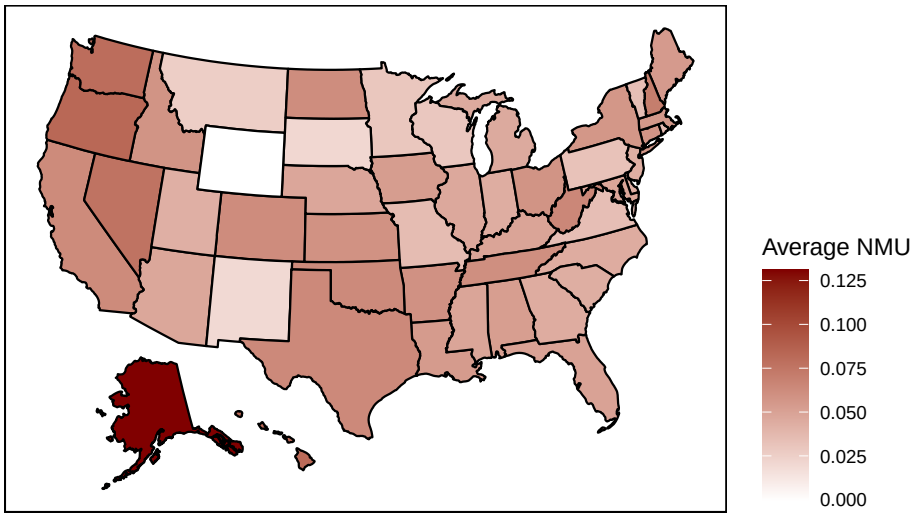
Average suf NMU by State



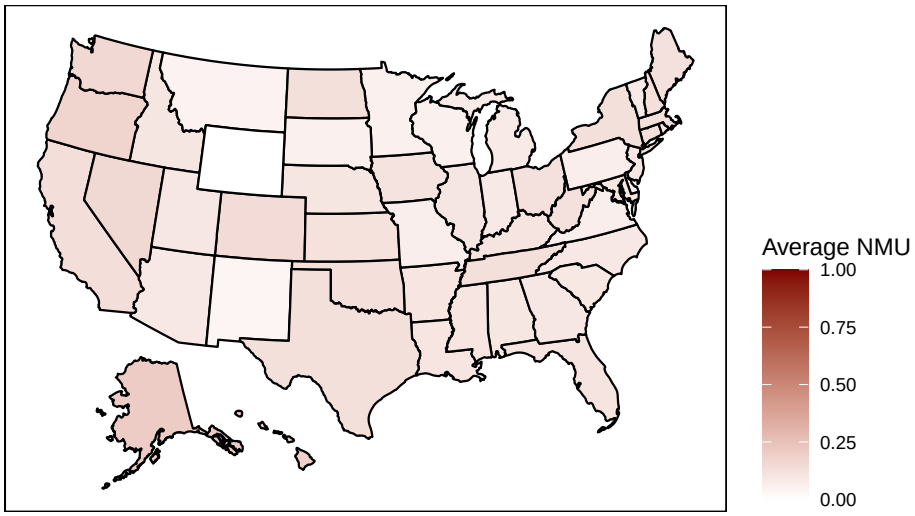
Average suf NMU by State (Based on those who have used)



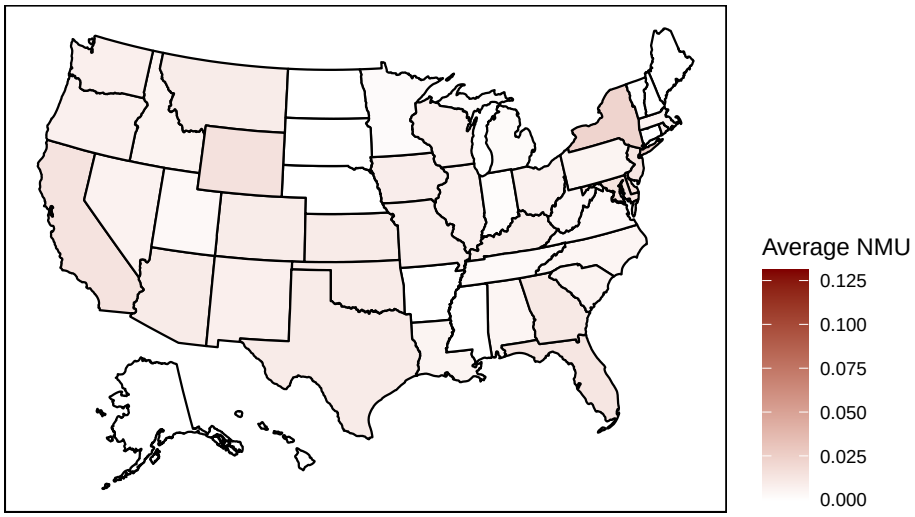
Average cod NMU by State



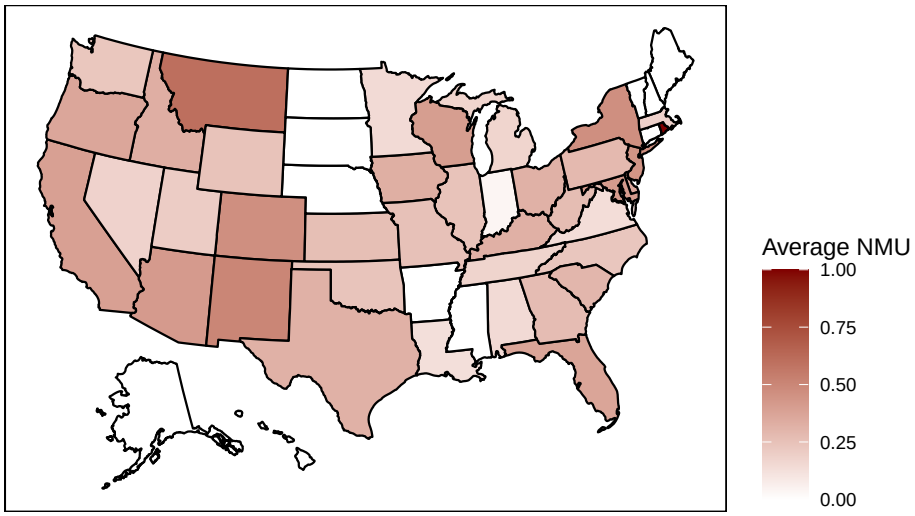
Average cod NMU by State (Based on those who have used)



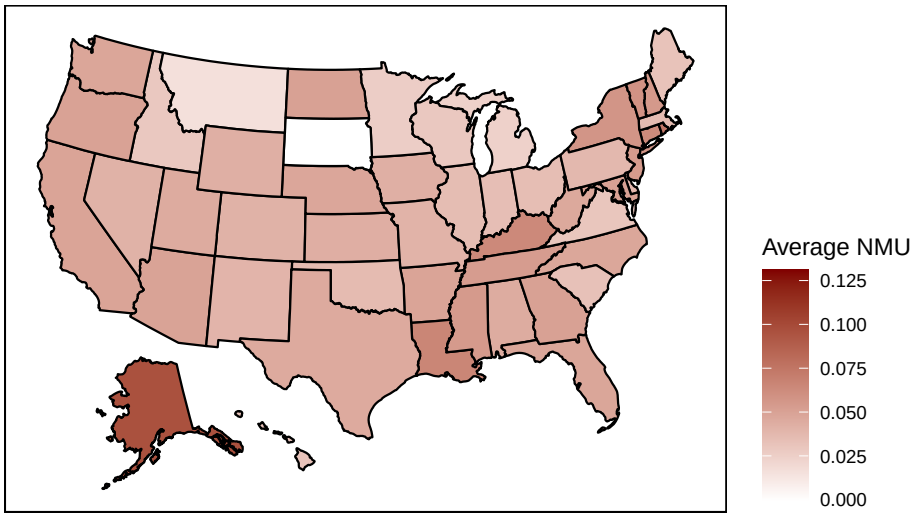
Average dihy NMU by State



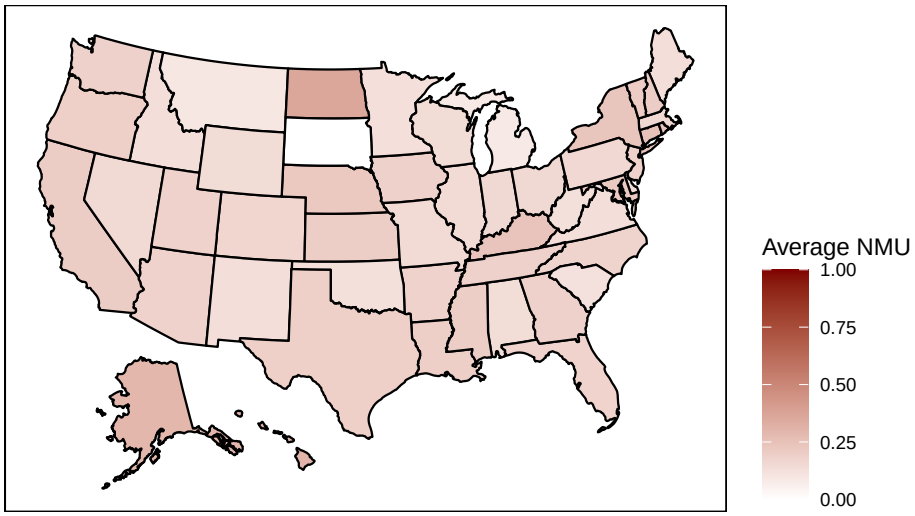
Average dihy NMU by State (Based on those who have used)



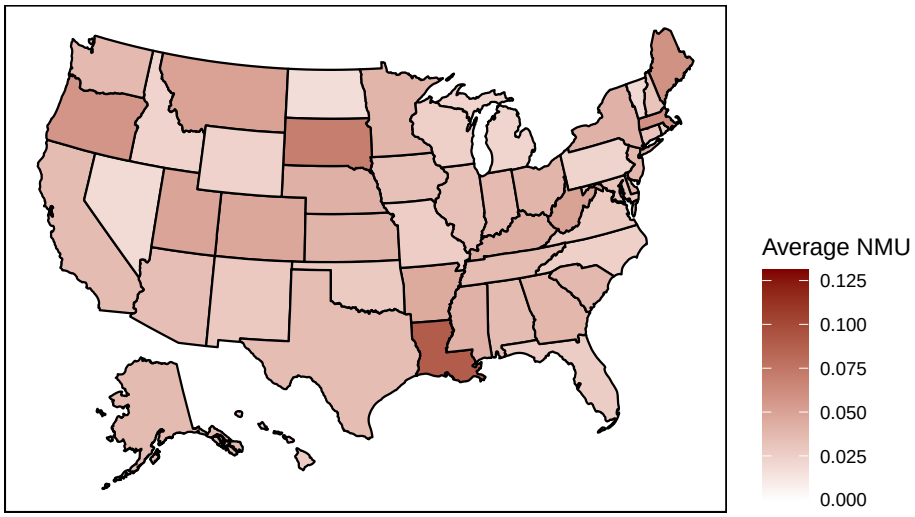
Average benz NMU by State



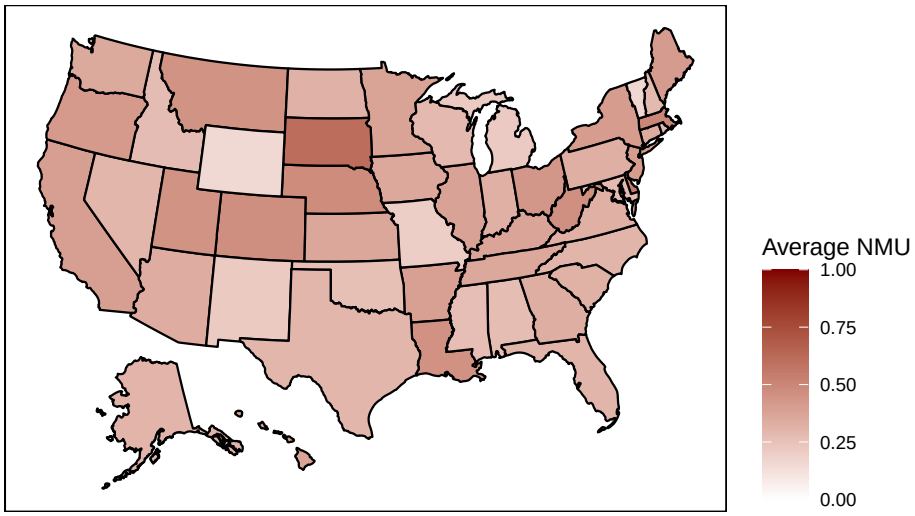
Average benz NMU by State (Based on those who have used)



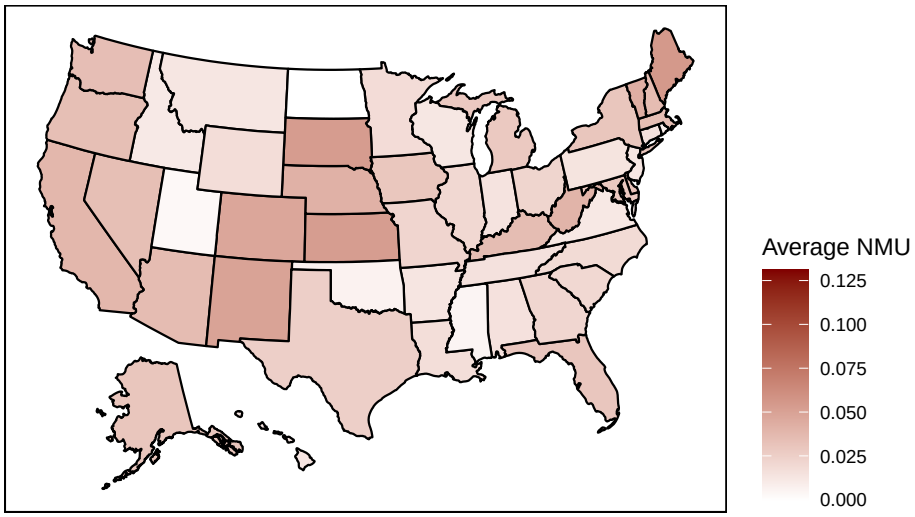
Average stim NMU by State



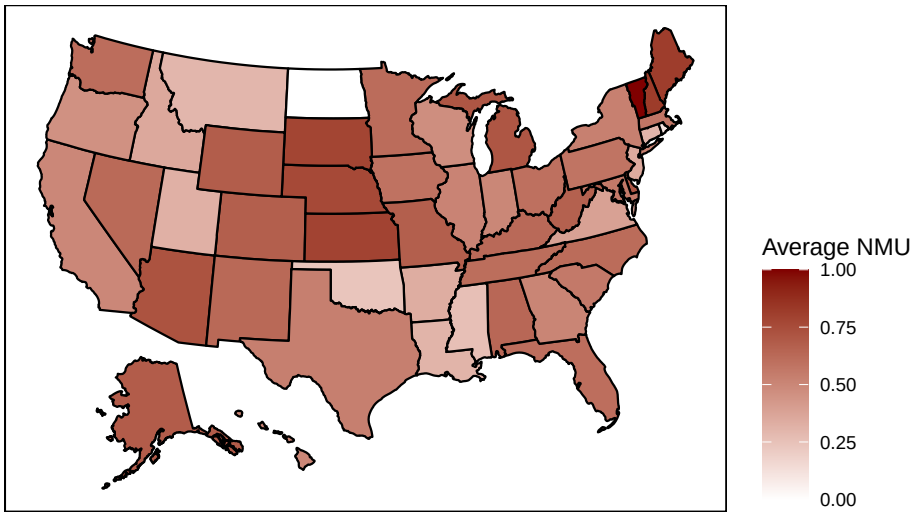
Average stim NMU by State (Based on those who have used)



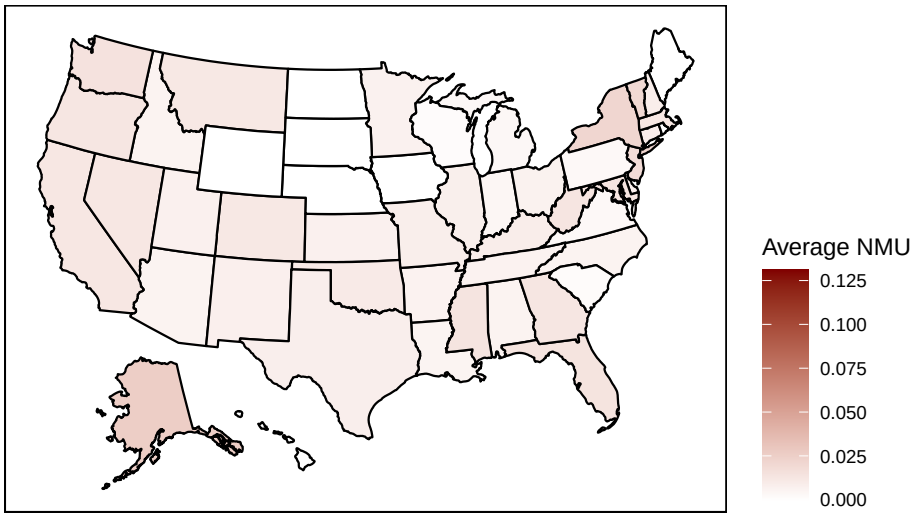
Average thc NMU by State



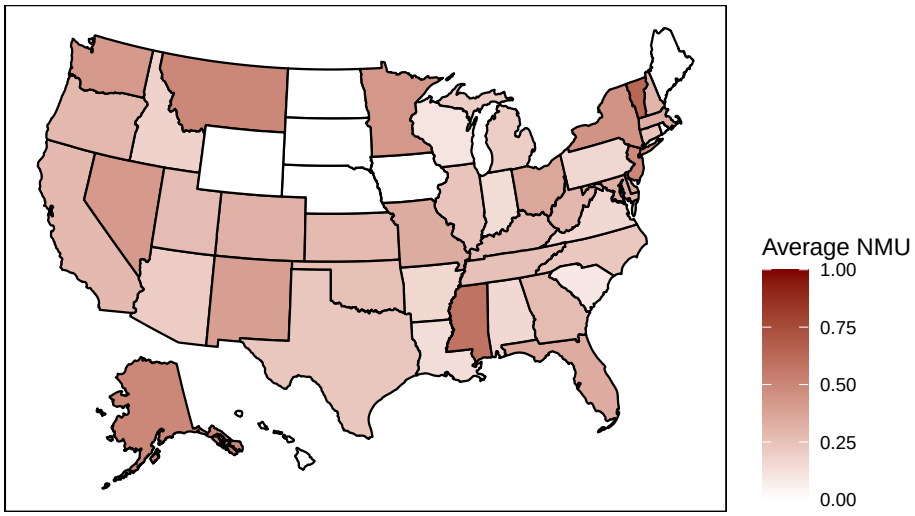
Average thc NMU by State (Based on those who have used)



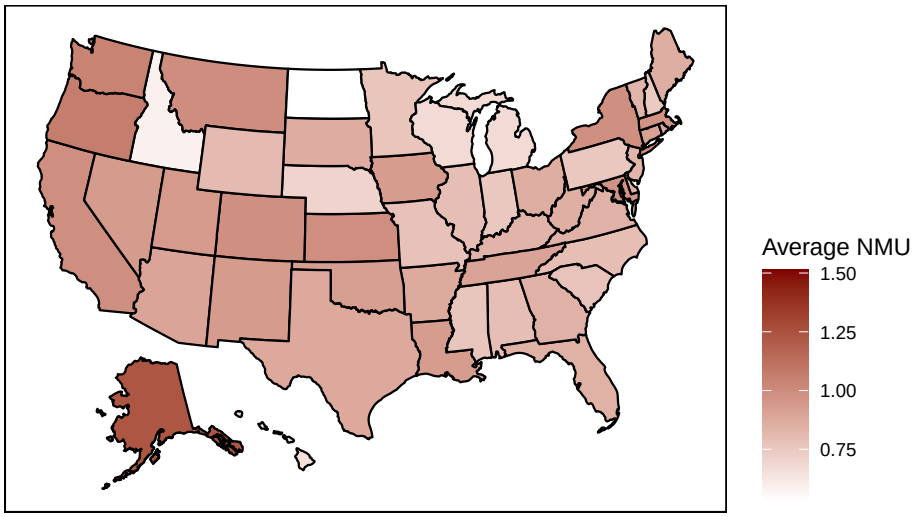
Average ktm NMU by State



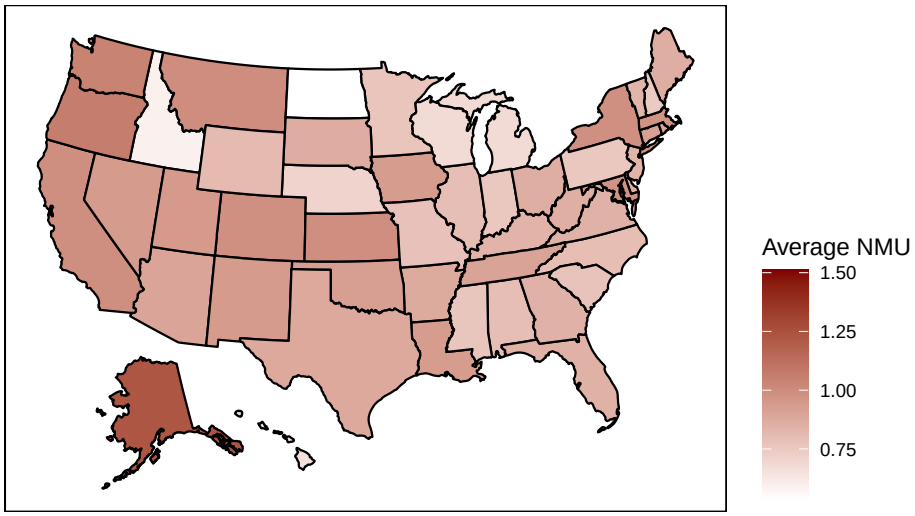
Average ktm NMU by State (Based on those who have used)



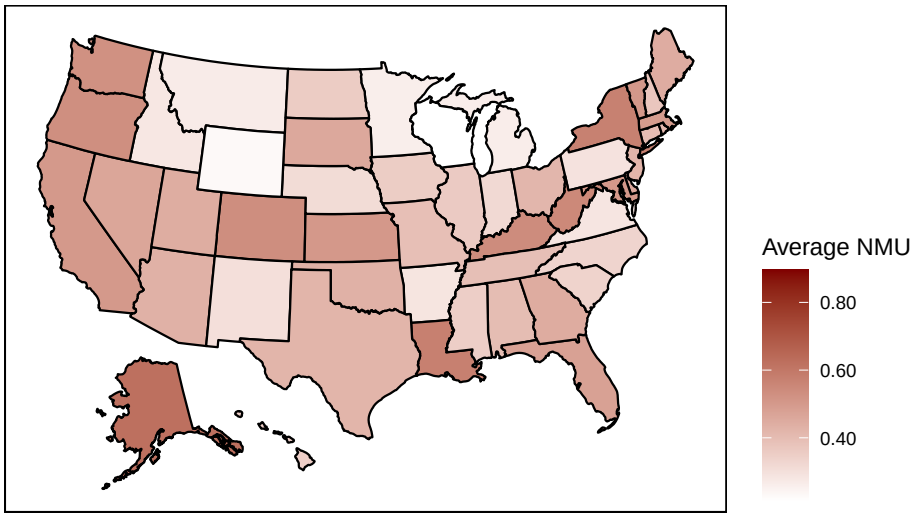
Average dast NMU by State



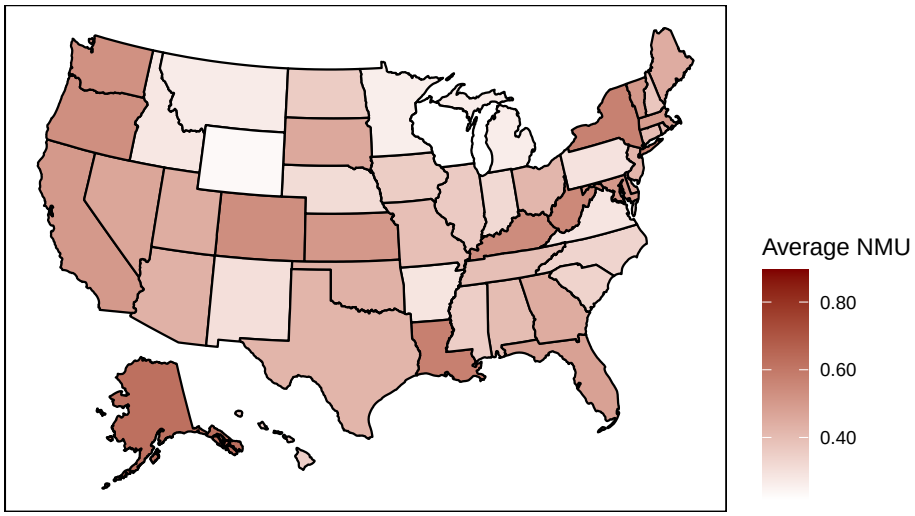
Average dast NMU by State (Based on those who have used)



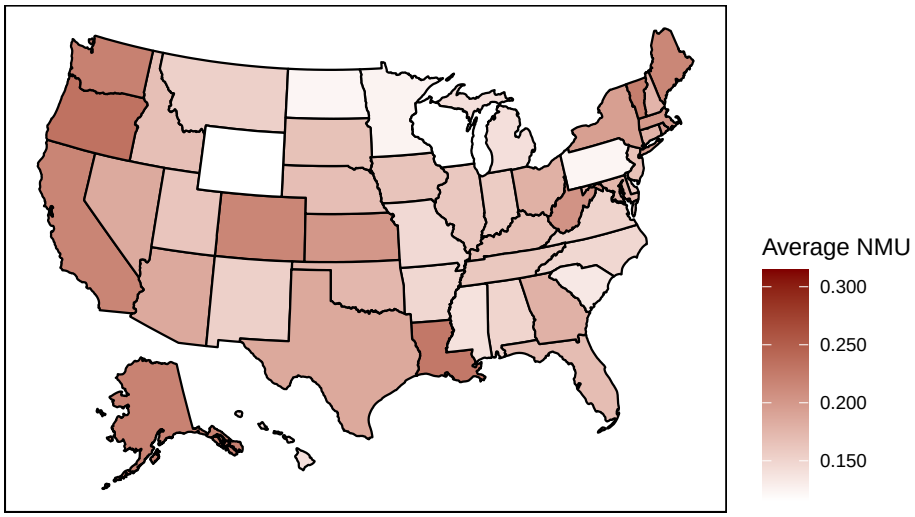
Average aggregate NMU by State



Average aggregate NMU by State (Based on those who have used)



Average any NMU by State



Average any NMU by State (Based on those who have used)