

rape_definiton

```
library(tidyverse)
crime <- read_csv("data/crime_and_incarceration_by_state.csv")
```

```
ggplot(economics, aes(x=date)) + geom_line(aes(y = psavert), color = "darkred") + geom_line(aes(y =
uempmed), color="steelblue", linetype="twodash")
```

```
view(crime)
```

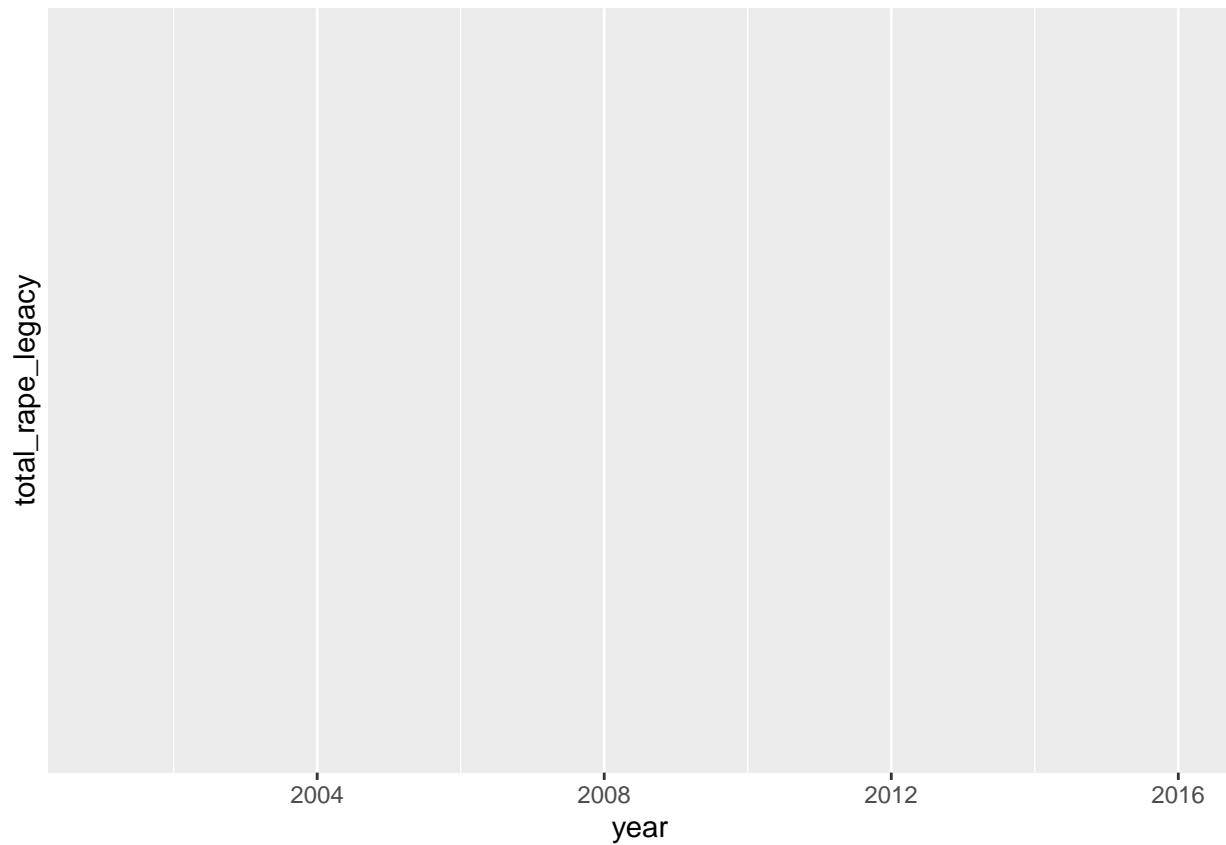
```
crime<- crime %>%
  group_by(year)%>%
  mutate(total_rape_legacy= sum(rape_legacy))
```

```
crime<- crime %>%
  group_by(year)%>%
  mutate(total_rape_revised= sum(rape_revised))
```

```
ggplot(data = crime,
  mapping = aes(x = year)) +
  geom_line(aes(y = total_rape_legacy), color = "darkred") +
  geom_line(aes(y = total_rape_revised), color = "steelblue") +
  geom_vline(xintercept = 2012)
```

```
## Warning: Removed 816 row(s) containing missing values (geom_path).
```

```
## Warning: Removed 816 row(s) containing missing values (geom_path).
```



```
labs(title = "",
      x = "Year",
      y = "Number of Rape Cases",
      caption = "Red = Total Rape Convictions by the Legacy Definition
                Blue = Total Rape Convictions by the Revised Definition")
```

```
## $x
## [1] "Year"
##
## $y
## [1] "Number of Rape Cases"
##
## $title
## [1] ""
##
## $caption
## [1] "Red = Total Rape Convictions by the Legacy Definition\n
                                Blue = Total Rape Convictions by the Revised Definition"
##
## attr(,"class")
## [1] "labels"
```