

# Test File

William Walz

2025-02-03

```
data <- read_csv("CMC_SAT_ACT_Scores.csv")
```

```
## Rows: 8 Columns: 5
## -- Column specification -----
## Delimiter: ","
## chr (1): Metric
## dbl (4): 25th Percentile, 50th Percentile (Median), 75th Percentile, Mean Score
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
data
```

```
## # A tibble: 8 x 5
##   Metric '25th Percentile' 50th Percentile (Med-1 '75th Percentile' 'Mean Score'
##   <chr>          <dbl>          <dbl>          <dbl>          <dbl>
## 1 SAT C~          1490          1520          1550          1510
## 2 SAT E~           720           750           770           740
## 3 SAT M~           750           780           790           770
## 4 ACT C~           33           34           35           34
## 5 ACT M~           31           33           35           33
## 6 ACT E~           34           35           35           34
## 7 ACT S~           32           33           35           33
## 8 ACT R~           33           34           36           34
## # i abbreviated name: 1: '50th Percentile (Median)'
```

```
ggplot(data = data, aes(x = `Metric`, y = `Mean Score`, fill = `Metric`)) +
  geom_bar(stat = "identity") +
  labs(
    x = "Test Component",
    y = "Score",
    title = "Test Component Means"
  )
```

