

PPP Breakdowns

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(df)
```

```
##      apr              state      qtyLoans
## Length:50          Length:50      Min.   : 4842
## Class :character    Class :character 1st Qu.: 13499
## Mode  :character    Mode  :character Median : 26157
##                                     Mean  : 33089
##                                     3rd Qu.: 42955
##                                     Max.   :134737
##      Amount              pop      PPPpC
## Min.   :8.370e+08      Min.   : 563626      Min.   : 691.7
## 1st Qu.:2.009e+09      1st Qu.: 1833004      1st Qu.: 999.5
## Median :4.466e+09      Median : 4436370      Median :1170.9
## Mean   :6.804e+09      Mean   : 6162876      Mean   :1210.1
## 3rd Qu.:8.620e+09      3rd Qu.: 6680312      3rd Qu.:1463.5
## Max.   :3.341e+10      Max.   :37253956      Max.   :2302.1
##      PPPnC              AvgLoan
## Min.   :0.003016      Min.   :109267
## 1st Qu.:0.004907      1st Qu.:162641
## Median :0.005800      Median :190950
## Mean   :0.007022      Mean   :187500
## 3rd Qu.:0.008643      3rd Qu.:219562
## Max.   :0.016358      Max.   :295783
```

```
df %>%
  arrange(PPPpC) %>%      # First sort by val. This sort the dataframe but NOT the factor levels
  mutate(state=factor(state, levels = state)) %>%
  ggplot( aes(x = state, y = PPPpC)) +
  geom_segment( aes(xend = state, yend = 0)) +
  geom_point( size = 4, color = "orange") +
  coord_flip() +
  theme_bw() +
  xlab("")
```

