Review of UC Percent Variable
9.20.23

Quick Descriptives for uc_percent (original metric)

```
summary(Z_and_Final_Variables_10.28.22$uc_percent)
```

```
  Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
 1.061   3.854   5.350   6.884   7.985  54.000     157
```

Statewide Averages for uc_percent

Highest Ten

```
Z_and_Final_Variables_10.28.22 %>%
  group_by(State.x) %>%
  summarize(state_level_ucp = sum(uc_percent)/n()) %>%
  arrange(desc(state_level_ucp)) %>%
  head(10)
```

```
# A tibble: 10 x 2
  State.x state_level_ucp
  <chr>            <dbl>
1 tx                13.3
2 ak                11.6
3 nd                11.3
4 ok                10.2
5 wy                 9.70
6 nv                 9.30
7 sd                 9.04
```

```
 8 mt              8.94
 9 ut              8.79
10 ne              8.17
```

Statewide Averages for uc_percent

Lowest Ten

```r
Z_and_Final_Variables_10.28.22 %>%
  group_by(State.x) %>%
  summarize(state_level_ucp = sum(uc_percent)/n()) %>%
  arrange(desc(state_level_ucp)) %>%
  tail(10)
```

```
# A tibble: 10 x 2
   State.x state_level_ucp
   <chr>             <dbl>
 1 ny                 2.69
 2 nh                 2.68
 3 ct                 2.55
 4 ri                 1.97
 5 ma                 1.60
 6 vt                 1.60
 7 dc                 1.06
 8 hi                 NA
 9 il                 NA
10 ks                 NA
```

Plot of Statwide Averages for uc_percent

Note: No data for HI, IL, KS

```
Warning: Removed 3 rows containing missing values (`geom_point()`).
```

State Averages of UC Percent