poa employment

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Distributions

```
wrangled %>%
  group_by(emp_change, inc_neg) %>%
  mutate(n = factor(n())) %>%
  filter(!is.na(emp_change) & !is.na(inc_neg)) %>%
  ggplot(aes(x = factor(emp_change), y = factor(inc_neg), color = n)) + geom_jitter() +
  scale_color_manual(values = project_pal) +
```

```
  ggtitle("Distribution of Respondents\nby Employment Change and Negative Income Change") +
  xlab("Employment Change") + ylab("Negative Income Change\n")
```

1.1)People who changed employment status between before the pandemic and currently (2021) [14 &15]

1. Run distribution over population
2. Run distribution by sub-demographics (a-k)

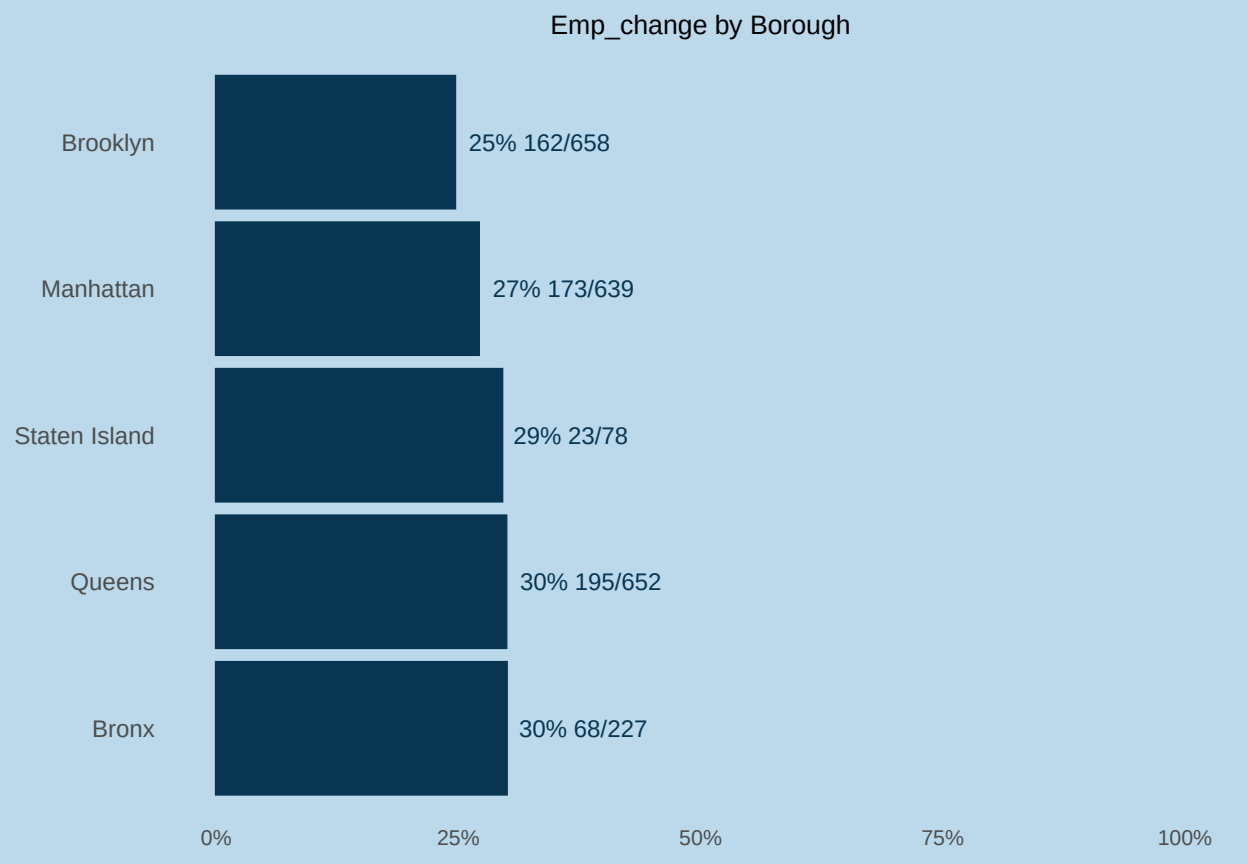
a. Compare and find gaps (test unequal proportions)

```
mean(wrangled$emp_change, na.rm = TRUE)
```

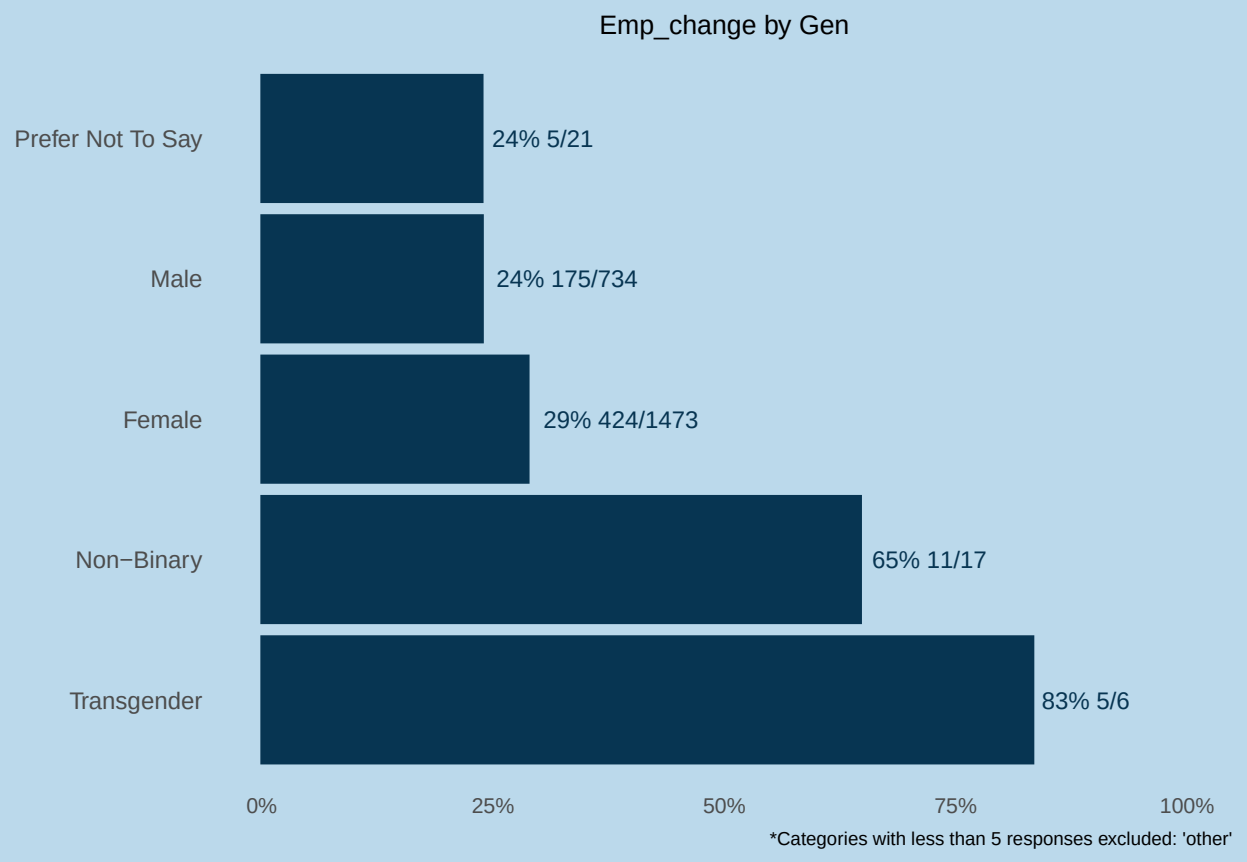
```
## [1] 0.2755102
```

```
make_plots(wrangled, demographics, "emp_change", title = "emp_change", show = TRUE)
```

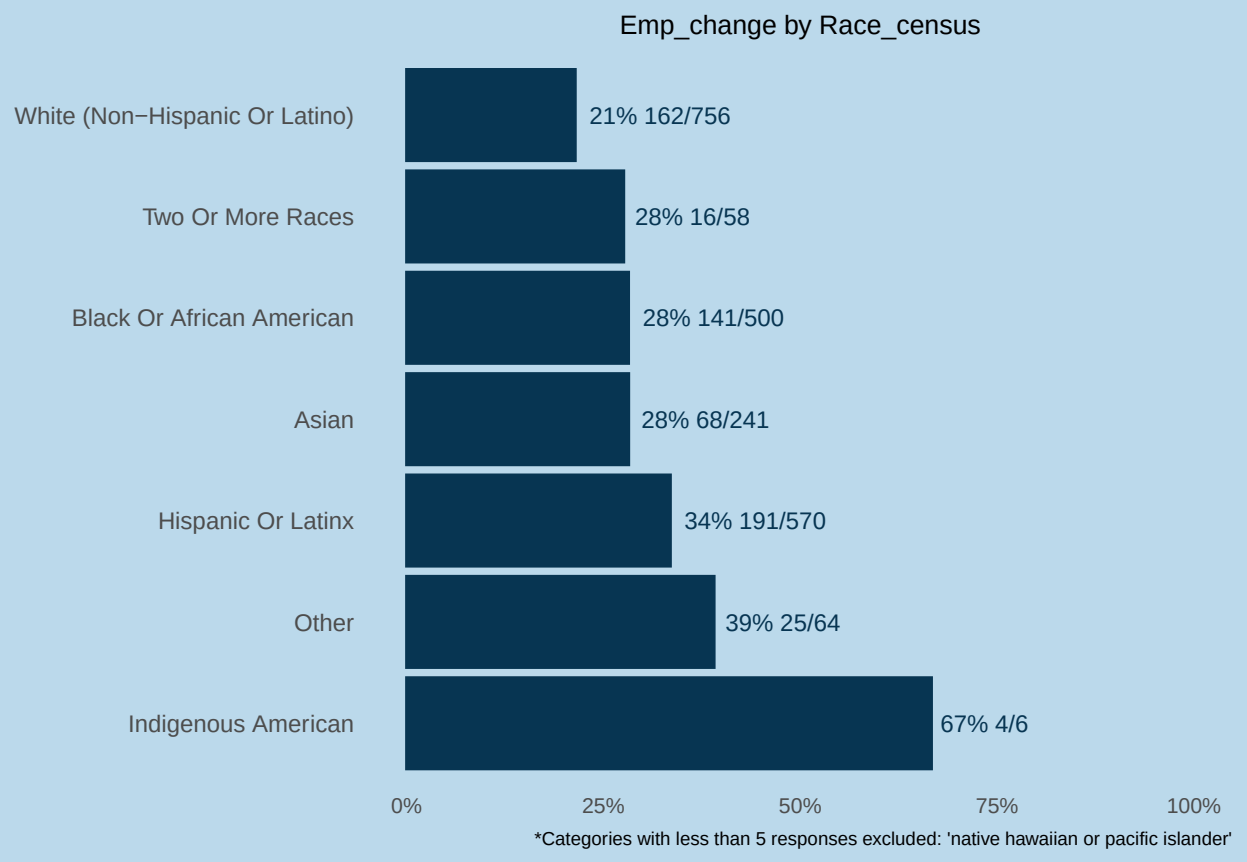
```
## $borough
## $borough$plot
```




```
##
## $borough$p.values
## $borough$p.values$emp_change
##               brooklyn manhattan staten island queens bronx
## brooklyn            NA        NA             NA     NA    NA
## manhattan           NA        NA             NA     NA    NA
## staten island       NA        NA             NA     NA    NA
## queens              NA        NA             NA     NA    NA
## bronx               NA        NA             NA     NA    NA
##
##
##
## $gen
## $gen$plot
```

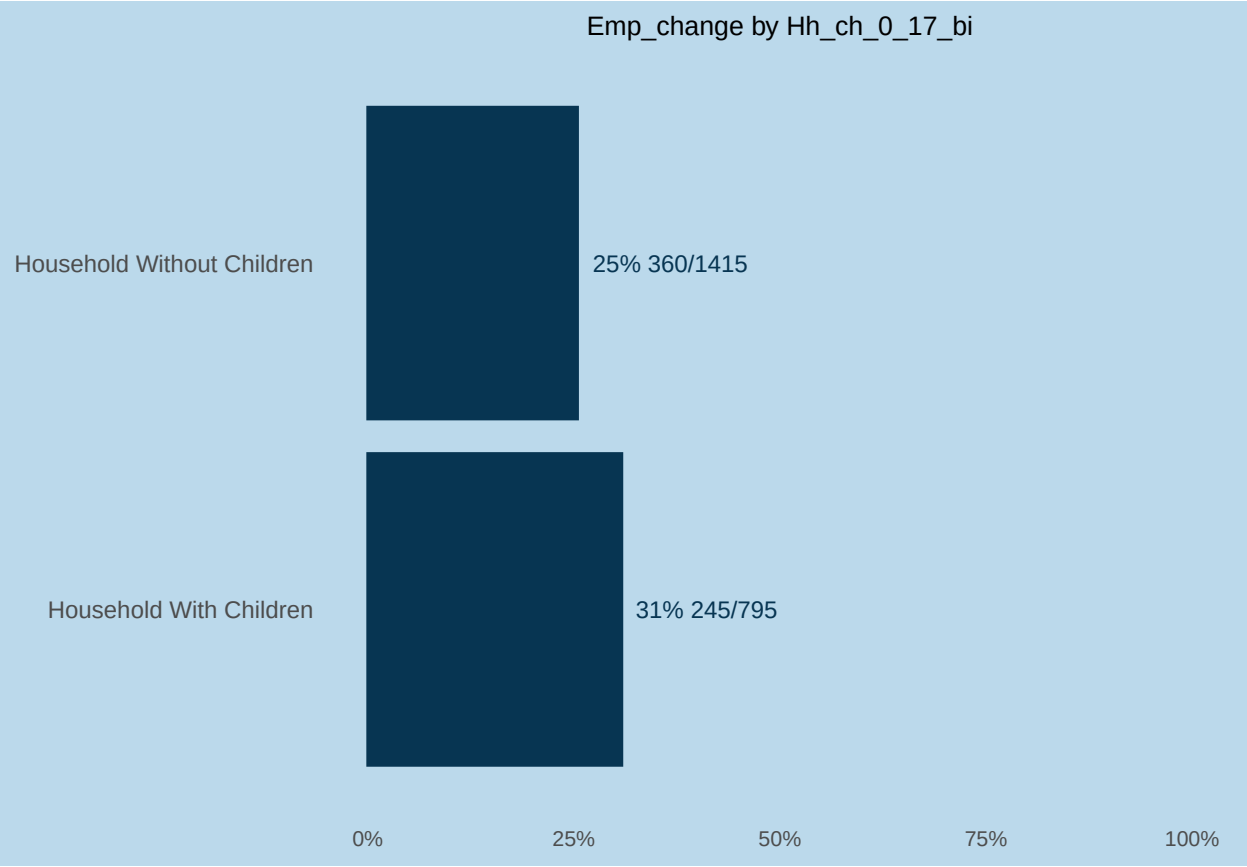



```
##
## $gen$p.values
## $gen$p.values$emp_change
##                   prefer not to say male female non-binary transgender
## prefer not to say                NA   NA     NA         NA          NA
## male                             NA   NA     NA         NA          NA
## female                           NA   NA     NA         NA          NA
## non-binary                       NA   NA     NA         NA          NA
## transgender                      NA   NA     NA         NA          NA
##
##
##
## $race_census
## $race_census$plot
```

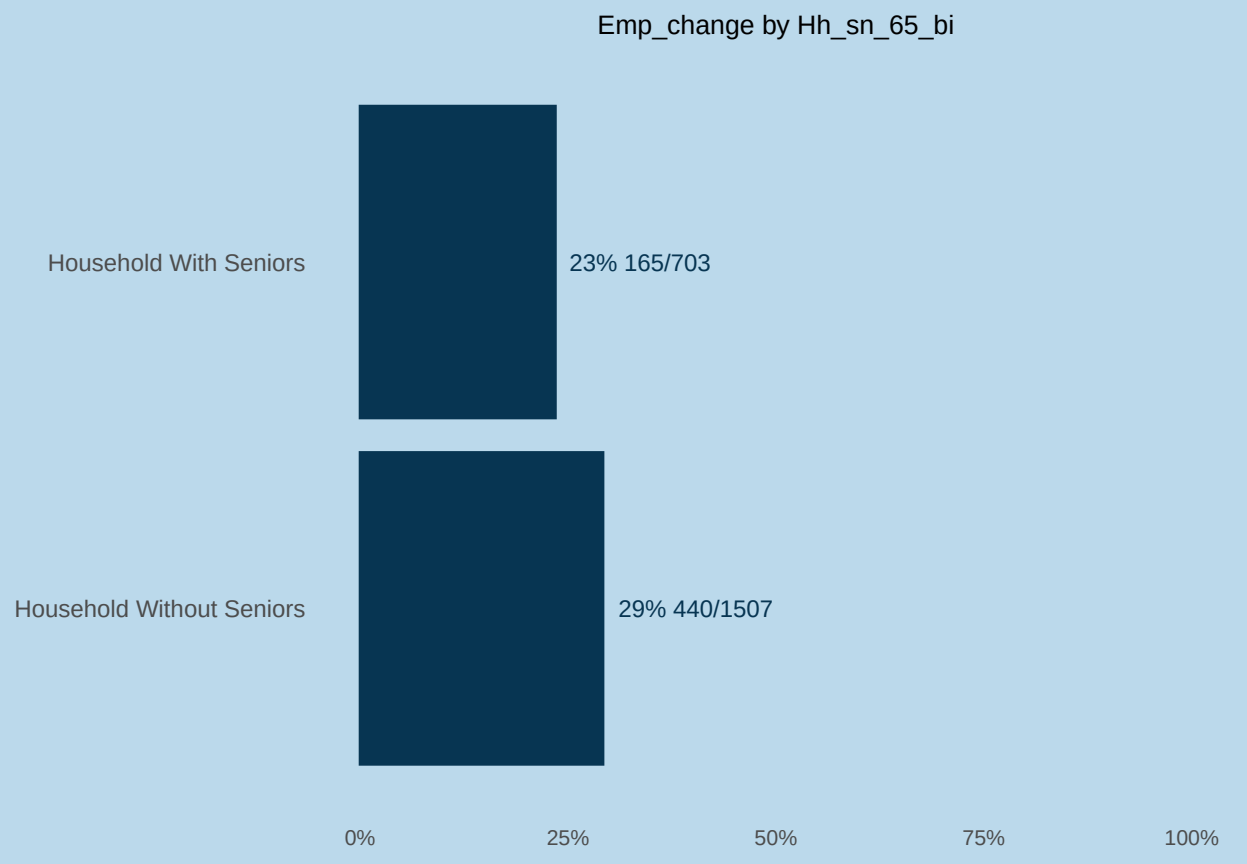



```
##
## $race_census$p.values
## $race_census$p.values$emp_change
##                                 white (non-hispanic or latino) two or more races
## white (non-hispanic or latino)                             NA                NA
## two or more races                                          NA                NA
## black or african american                              7.4e-03                NA
## asian                                                      NA                NA
## hispanic or latinx                                     1.1e-06                NA
## other                                                  2.1e-03                NA
## Indigenous American                                        NA                NA
##                                 black or african american asian
## white (non-hispanic or latino)                     0.0074    NA
## two or more races                                      NA    NA
## black or african american                              NA    NA
## asian                                                  NA    NA
## hispanic or latinx                                     NA    NA
## other                                                  NA    NA
## Indigenous American                                    NA    NA
##                                 hispanic or latinx  other Indigenous American
## white (non-hispanic or latino)            1.1e-06 0.0021                   NA
## two or more races                              NA     NA                   NA
## black or african american                      NA     NA                   NA
## asian                                          NA     NA                   NA
## hispanic or latinx                             NA     NA                   NA
## other                                          NA     NA                   NA
```

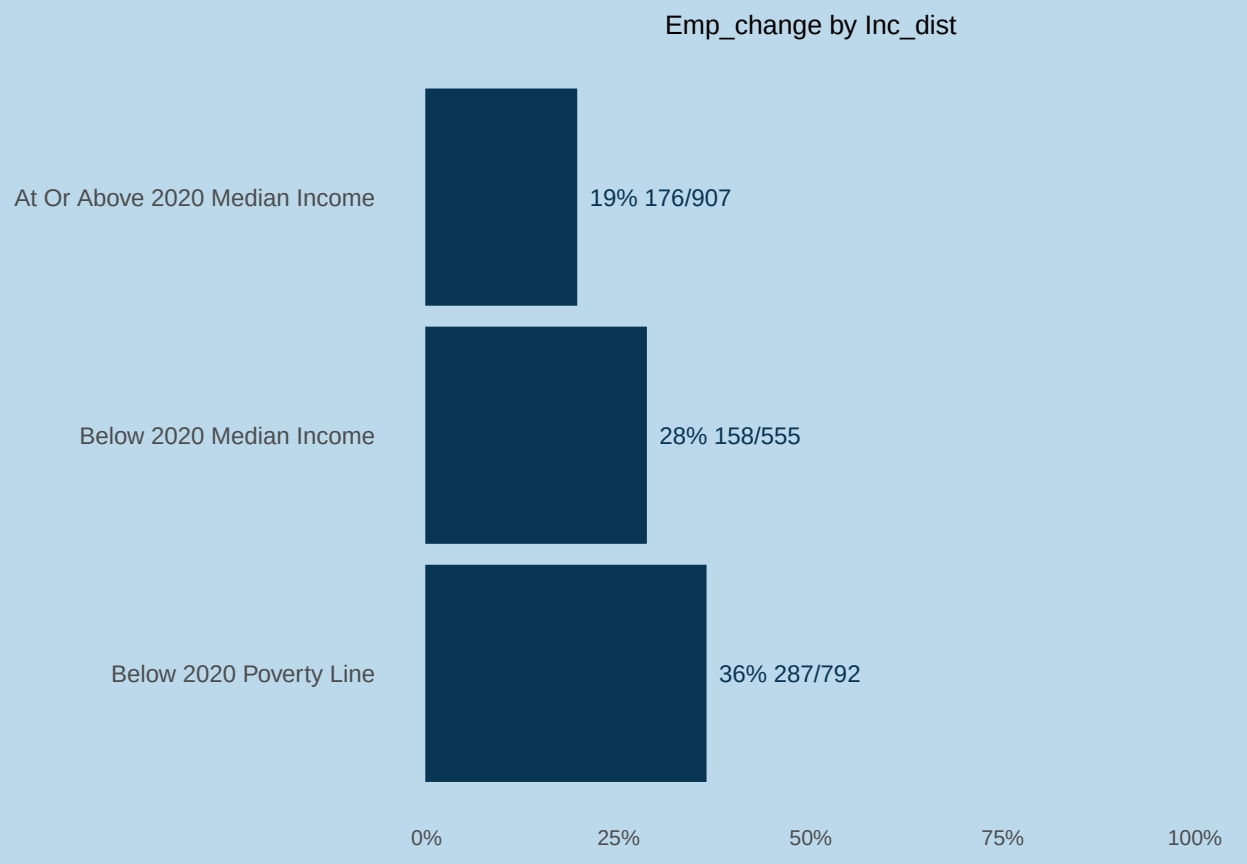
```
## Indigenous American                          NA      NA                   NA
##
##
##
## $hh_ch_0_17_bi
## $hh_ch_0_17_bi$plot
```




```
##
## $hh_ch_0_17_bi$p.values
## $hh_ch_0_17_bi$p.values$emp_change
##                            household without children household with children
## household without children                         NA                  0.0076
## household with children                       0.0076                      NA
##
##
##
## $hh_sn_65_bi
## $hh_sn_65_bi$plot
```




```
##
## $hh_sn_65_bi$p.values
## $hh_sn_65_bi$p.values$emp_change
##                           household with seniors household without seniors
## household with seniors                        NA                    0.0058
## household without seniors                 0.0058                        NA
##
##
##
## $inc_dist
## $inc_dist$plot
```




```
##
## $inc_dist$p.values
## $inc_dist$p.values$emp_change
##                                 at or above 2020 median income
## at or above 2020 median income                              NA
## below 2020 median income                               8.1e-05
## below 2020 poverty line                                1.2e-14
##                                 below 2020 median income below 2020 poverty line
## at or above 2020 median income                  8.1e-05                 1.2e-14
## below 2020 median income                             NA                 3.4e-03
## below 2020 poverty line                         3.4e-03                      NA
```

```
cat("plots for hh_sn_65_bi, hh_ch_0_17_bi, borough, gen, do not have\nat least one statistically signif
```

```
## plots for hh_sn_65_bi, hh_ch_0_17_bi, borough, gen, do not have
## at least one statistically significant result
```

1.2) People who are currently unemployed who were not unemployed in before the pandemic (March 2020) [14&15]

1. Run distribution over population
2. Run distribution by sub-demographics (a-k) and type of previous employment [14]

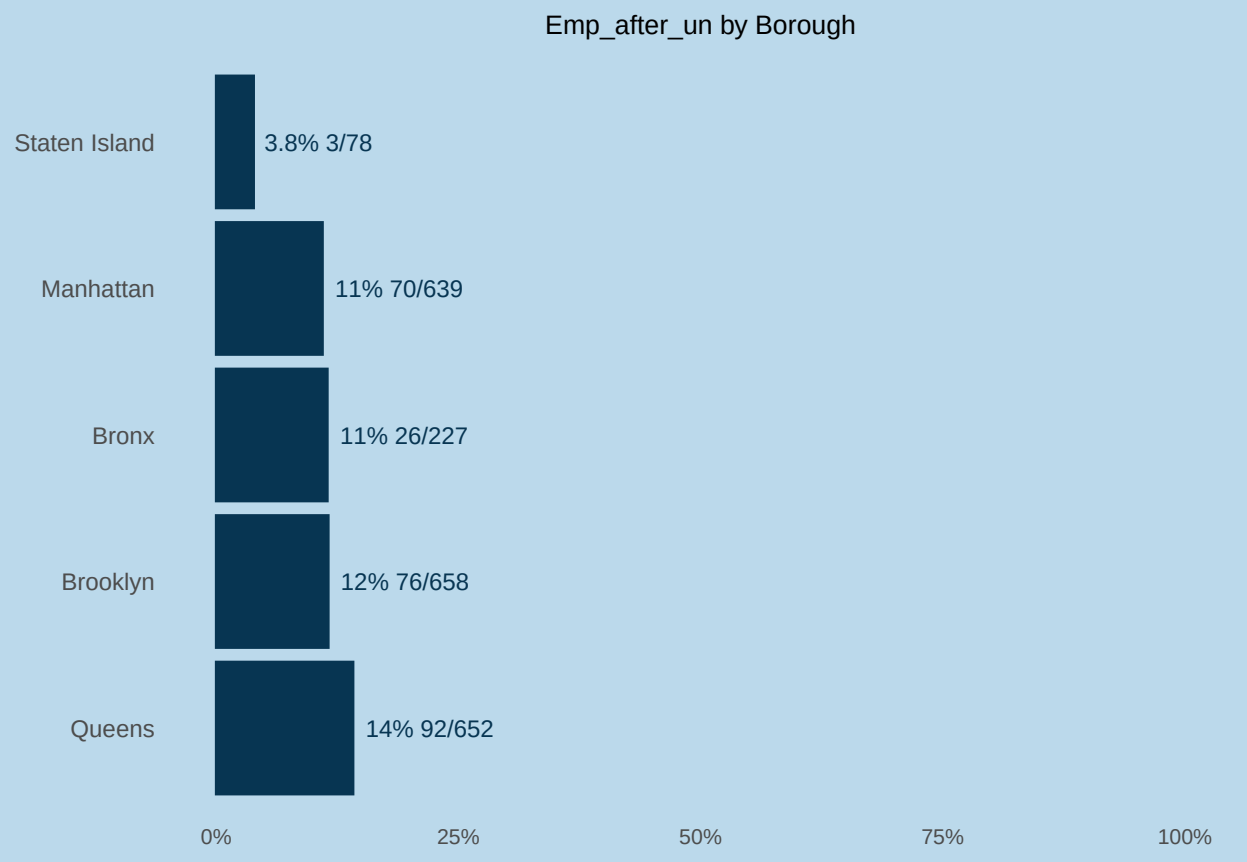
a. Compare and find gaps (test unequal proportions)

```
mean(wrangled$emp_after_un, na.rm = TRUE)
```

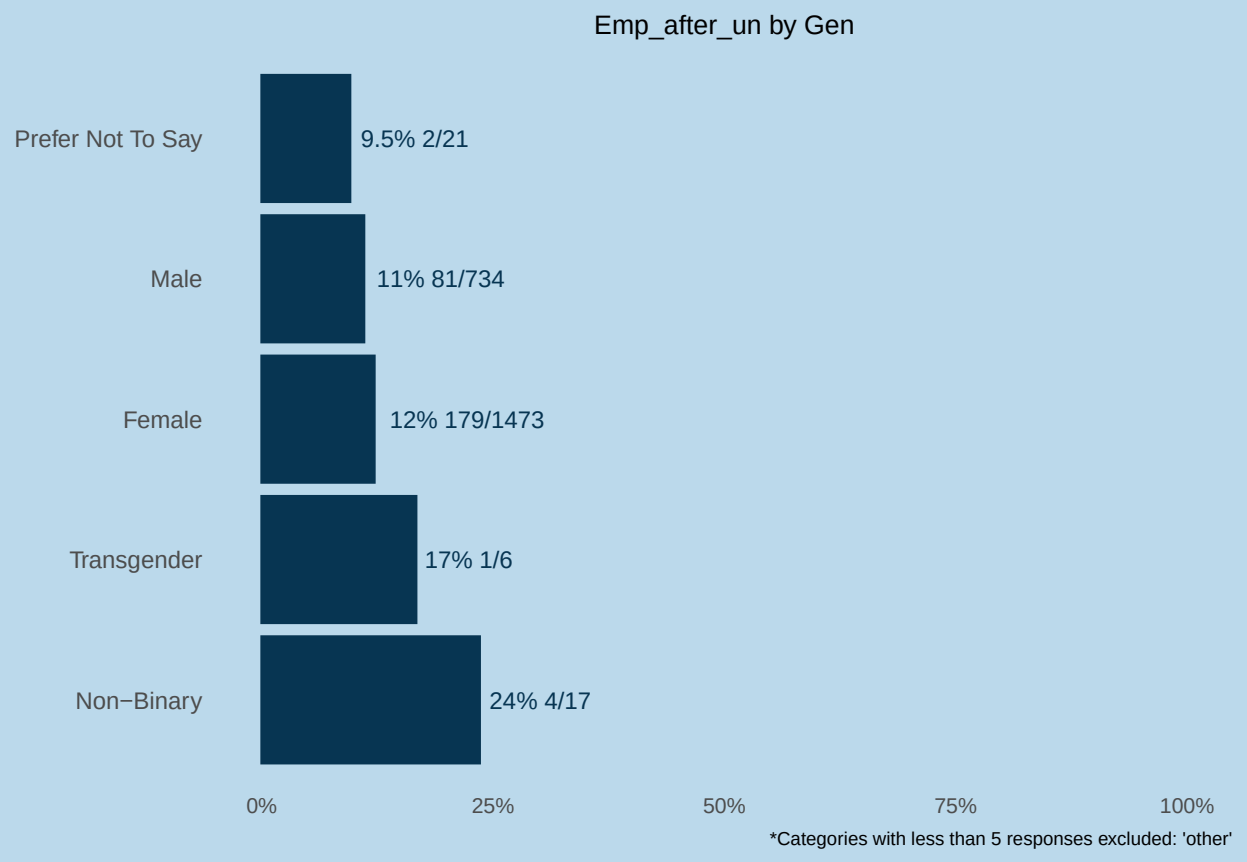
```
## [1] 0.1184561
```

```
make_plots(wrangled, demographics,"emp_after_un", show = TRUE, title = "emp_after_un")
```

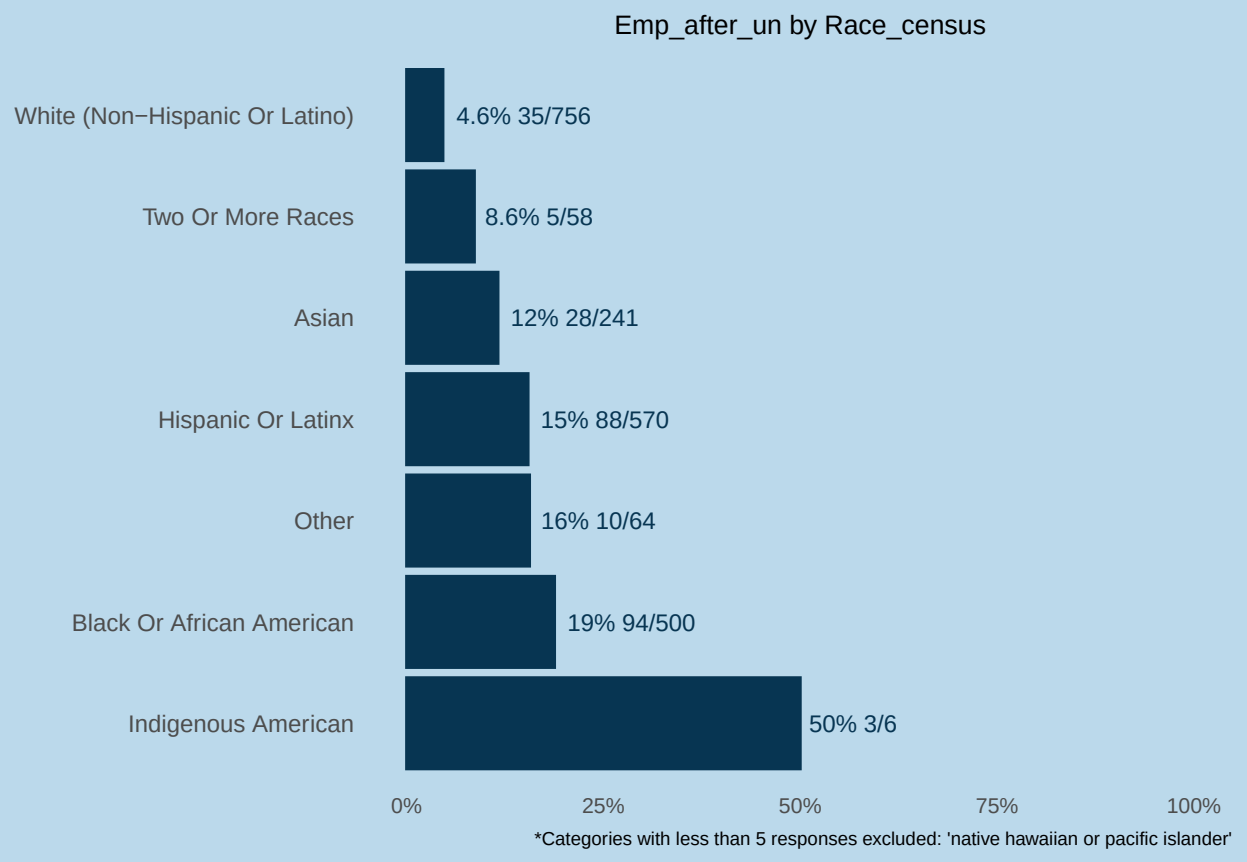
```
## $borough
## $borough$plot
```




```
##
## $borough$p.values
## $borough$p.values$emp_after_un
##               staten island manhattan bronx brooklyn queens
## staten island            NA        NA    NA       NA     NA
## manhattan                NA        NA    NA       NA     NA
## bronx                    NA        NA    NA       NA     NA
## brooklyn                 NA        NA    NA       NA     NA
## queens                   NA        NA    NA       NA     NA
##
##
##
## $gen
## $gen$plot
```

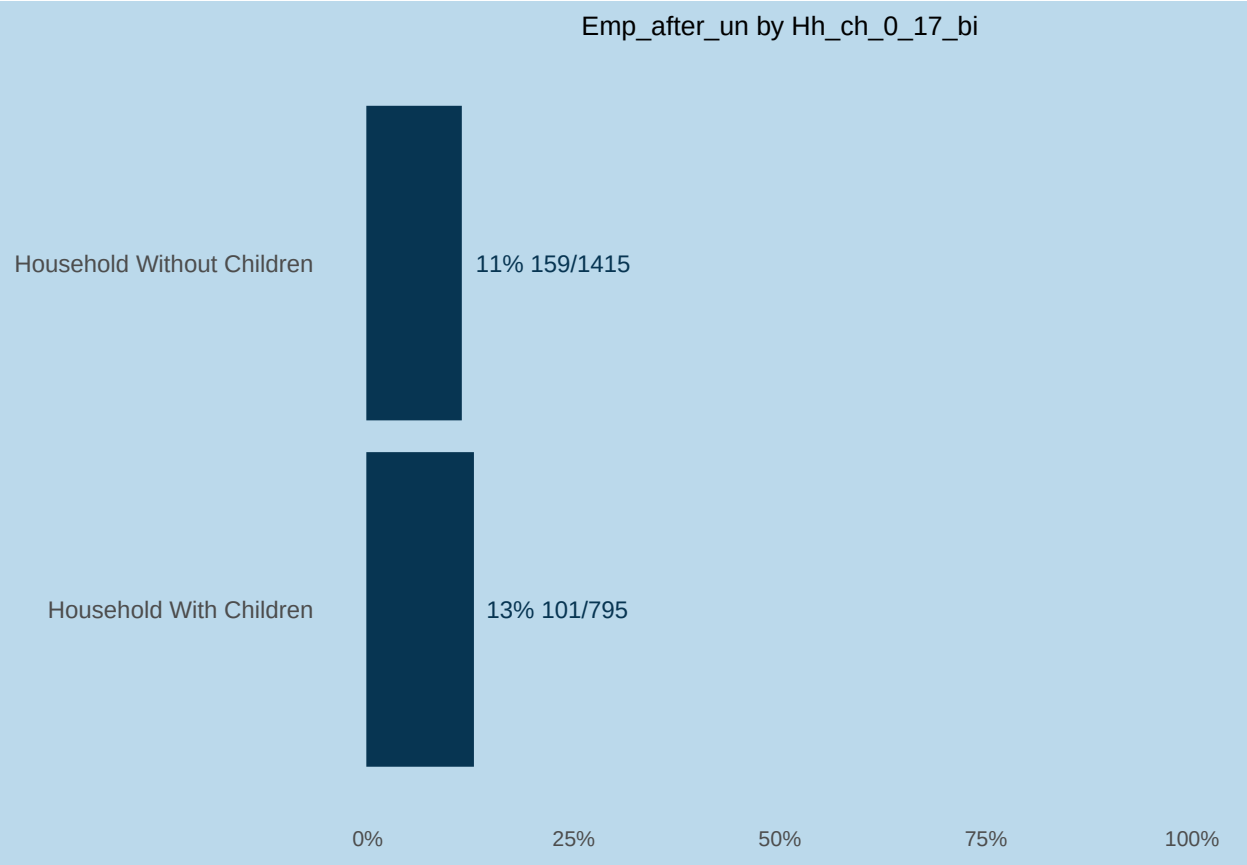



```
##
## $gen$p.values
## $gen$p.values$emp_after_un
##                   prefer not to say male female transgender non-binary
## prefer not to say                NA   NA     NA          NA         NA
## male                             NA   NA     NA          NA         NA
## female                           NA   NA     NA          NA         NA
## transgender                      NA   NA     NA          NA         NA
## non-binary                       NA   NA     NA          NA         NA
##
##
##
## $race_census
## $race_census$plot
```

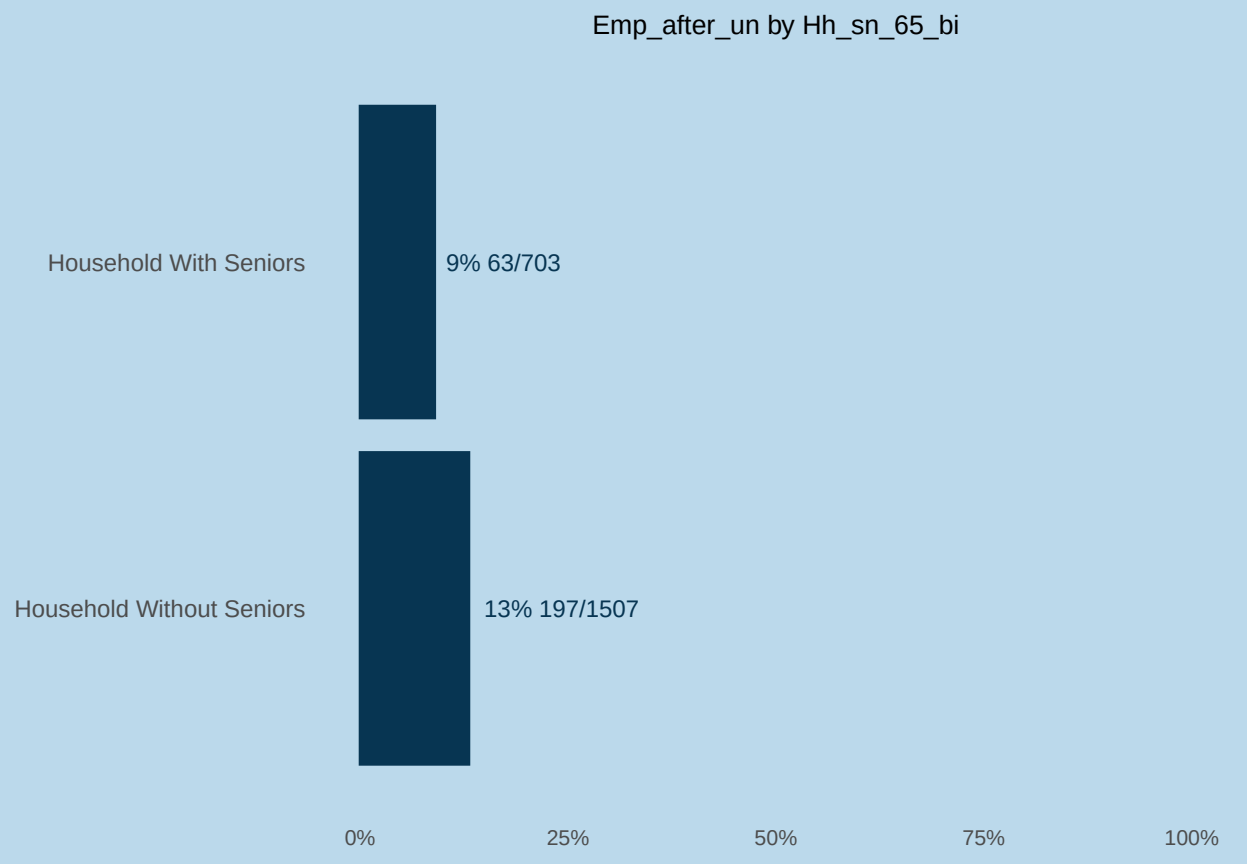



```
##
## $race_census$p.values
## $race_census$p.values$emp_after_un
##                                 white (non-hispanic or latino) two or more races
## white (non-hispanic or latino)                             NA                NA
## two or more races                                          NA                NA
## asian                                                 1.9e-04                NA
## hispanic or latinx                                    3.6e-11                NA
## other                                                      NA                NA
## black or african american                             1.2e-15                NA
## Indigenous American                                        NA                NA
##                                   asian hispanic or latinx other
## white (non-hispanic or latino) 0.00019            3.6e-11    NA
## two or more races                     NA                 NA    NA
## asian                                 NA                 NA    NA
## hispanic or latinx                    NA                 NA    NA
## other                                 NA                 NA    NA
## black or african american             NA                 NA    NA
## Indigenous American                   NA                 NA    NA
##                                 black or african american Indigenous American
## white (non-hispanic or latino)                    1.2e-15                  NA
## two or more races                                      NA                  NA
## asian                                                  NA                  NA
## hispanic or latinx                                     NA                  NA
## other                                                  NA                  NA
## black or african american                              NA                  NA
```

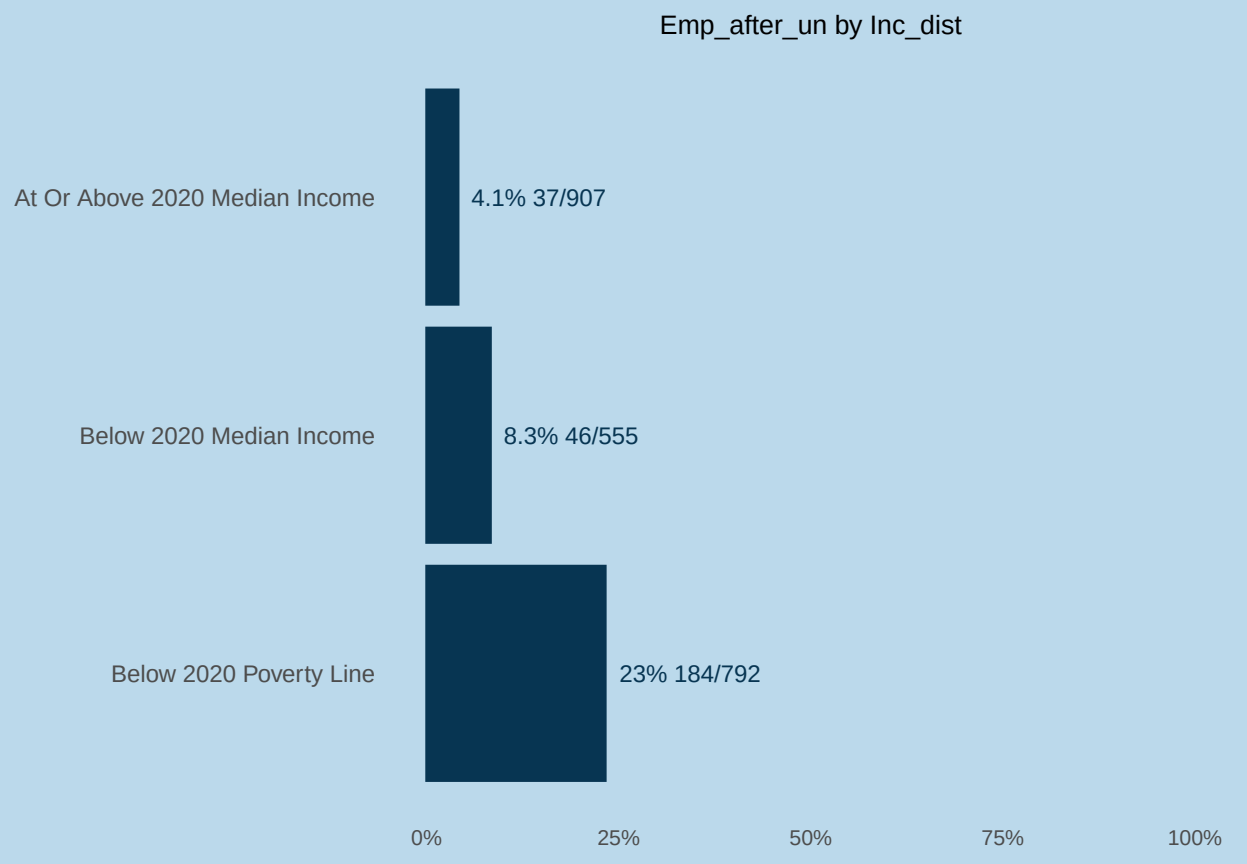
```
## Indigenous American                                    NA                   NA
##
##
##
## $hh_ch_0_17_bi
## $hh_ch_0_17_bi$plot
```




```
##
## $hh_ch_0_17_bi$p.values
## $hh_ch_0_17_bi$p.values$emp_after_un
##                             household without children household with children
## household without children                           NA                     NA
## household with children                              NA                     NA
##
##
##
## $hh_sn_65_bi
## $hh_sn_65_bi$plot
```




```
##
## $hh_sn_65_bi$p.values
## $hh_sn_65_bi$p.values$emp_after_un
##                           household with seniors household without seniors
## household with seniors                        NA                    0.0065
## household without seniors                 0.0065                        NA
##
##
##
## $inc_dist
## $inc_dist$plot
```




```
##
## $inc_dist$p.values
## $inc_dist$p.values$emp_after_un
##                                 at or above 2020 median income
## at or above 2020 median income                              NA
## below 2020 median income                                 1.1e-03
## below 2020 poverty line                                  2.7e-31
##                                 below 2020 median income below 2020 poverty line
## at or above 2020 median income                  1.1e-03                 2.7e-31
## below 2020 median income                             NA                 1.2e-12
## below 2020 poverty line                         1.2e-12                      NA
```

```
cat("Plots for borough, gen, hh_sn_65_bi, hh_ch_0_17_bi do not have\nat least one statistically signifi
```

```
## Plots for borough, gen, hh_sn_65_bi, hh_ch_0_17_bi do not have
## at least one statistically significant result
```

1.3)Higher paid employees were less likely to face job status changes during the pandemic [12,14,15]

1. Find proportion of people people who earned salaries above median income [12]

a. Find proportion of subset who faced a job status change [14 &15]

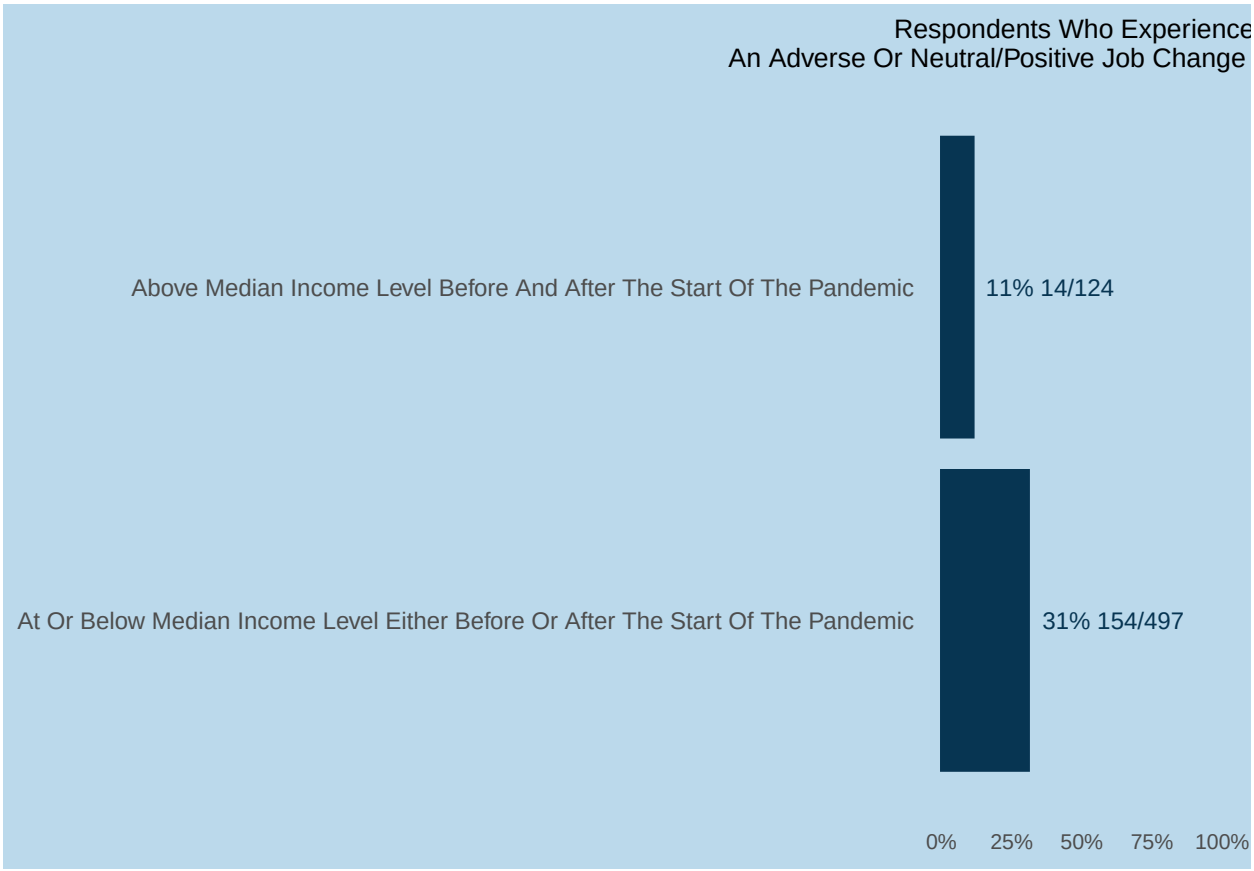
b. Distill the list of of respondents who faced an adverse job change i.e. those who faced an income reduction correspondingly to the job change [14&15]

ii. Job change to be considered adverse only if accompanied by reduction in family income

b. Find proportion not in subset who faced adviser job change and compare (test unequal proportions)

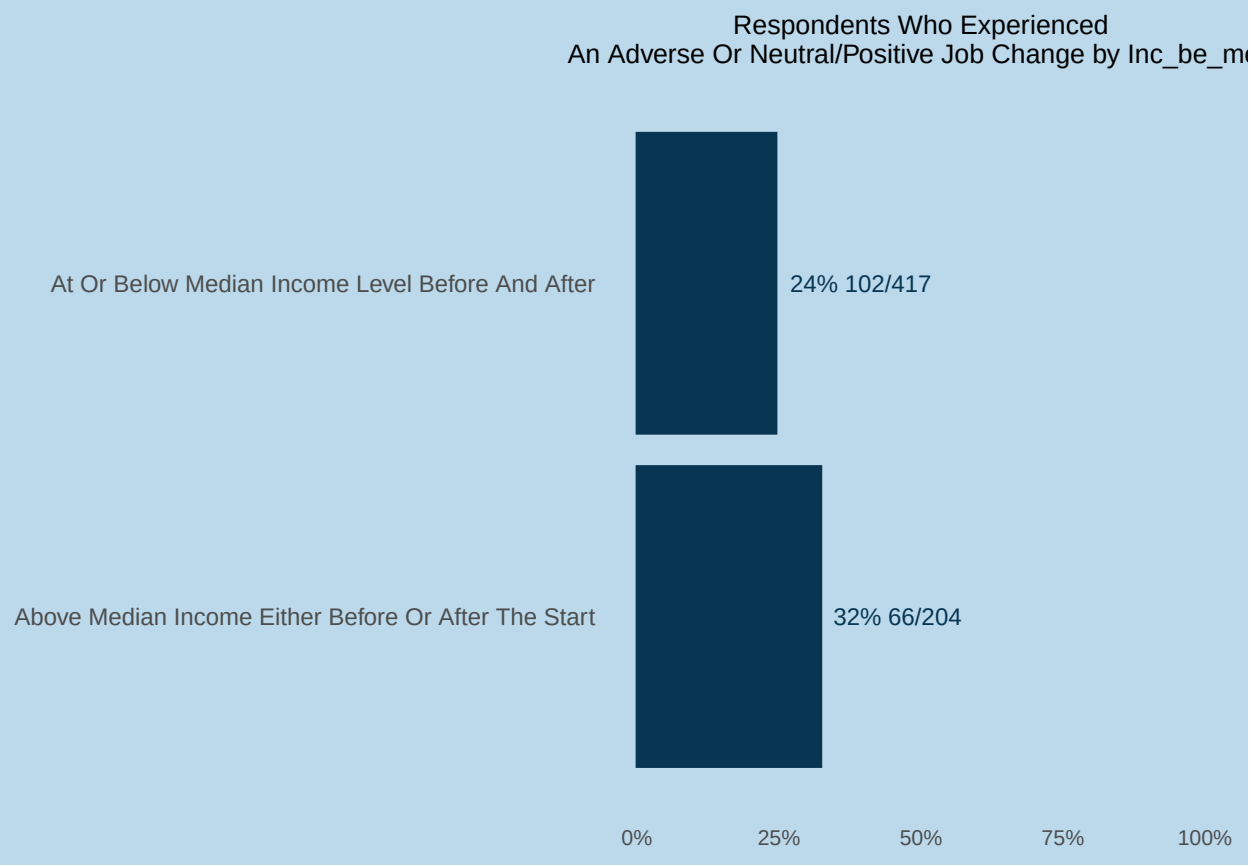
```
make_plots(wrangled %>% filter(emp_change == 1),
           by_vars = c("inc_ab_med", "inc_be_med"), hyp_var = "inc_neg",
           title = "Respondents who experienced\nan adverse or neutral/positive job change", show = TRU
```

```
## $inc_ab_med
## $inc_ab_med$plot
```




```
##
## $inc_ab_med$p.values
## $inc_ab_med$p.values$inc_neg
##                                                                                 above median income
## above median income level before and after the start of the pandemic
## at or below median income level either before or after the start of the pandemic
##                                                                                 at or below median
## above median income level before and after the start of the pandemic
## at or below median income level either before or after the start of the pandemic
##
```

```
##
##
## $inc_be_med
## $inc_be_med$plot
```




```
##
## $inc_be_med$p.values
## $inc_be_med$p.values$inc_neg
##                                                    at or below median income level before and afte
## at or below median income level before and after                                                   N
## above median income either before or after the start                                               N
##                                                    above median income either before or after the
## at or below median income level before and after
## above median income either before or after the start
```

```
cat("Plot for inc_be_med does not have one statistically significant result")
```

```
## Plot for inc_be_med does not have one statistically significant result
```

1.5 - 1.7

1.5)People with at least a Bachelor's degree were more/less likely to face job status changes during the pandemic [11, 14,15]

1. Find proportion of respondents who have a Bachelor's degree and above [11]

a. Find proportion of subset who faced job status changes [14 &15]]. Similar to the hypothesis above, job changes only to be considered adverse if accompanied by reduction in income
b. Find proportion not in subset and compare (test unequal proportions)

1.6)People who had insurance (any form) were less likely to face changes in job status [22,14,15]

1. Find respondents who have any form of insurance [21]

a. Find proportion of subset who faced job status changes [14 & 15] (adverse job status changes)
b. Find proportion not in subset and compare (test unequal proportions)

1.7)People who were on private insurance were least likely to face changes in job status [14,15,22]

1. Find respondents who have private insurance [21]

a. Find proportion of subset who faced job status changes [14 & 15]

2. Find respondents who have insurance that is not private [21]

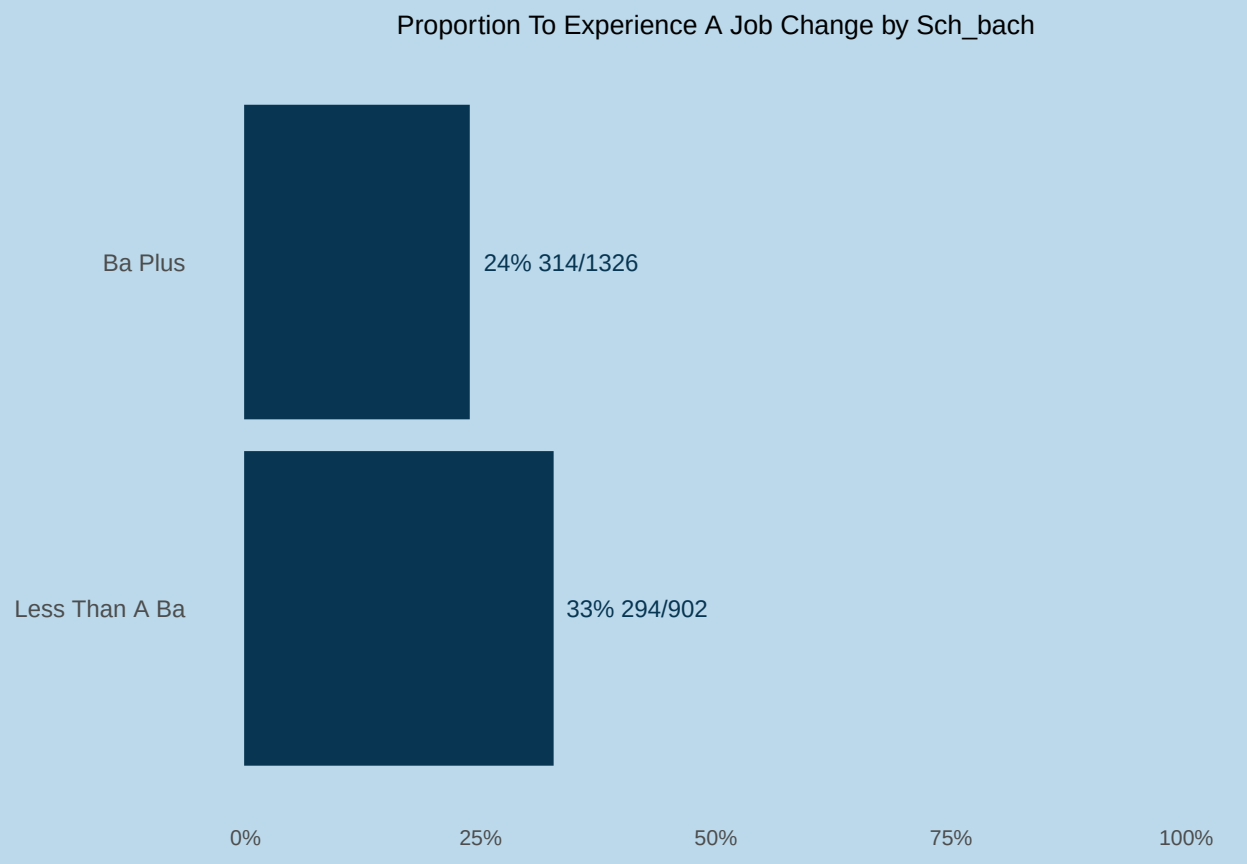
a. Find proportion of subset who faced job status changes [14 &15]

3. Compare groups of privately insured vs those with other types of insurance with respect to job status changes (test unequal proportions)

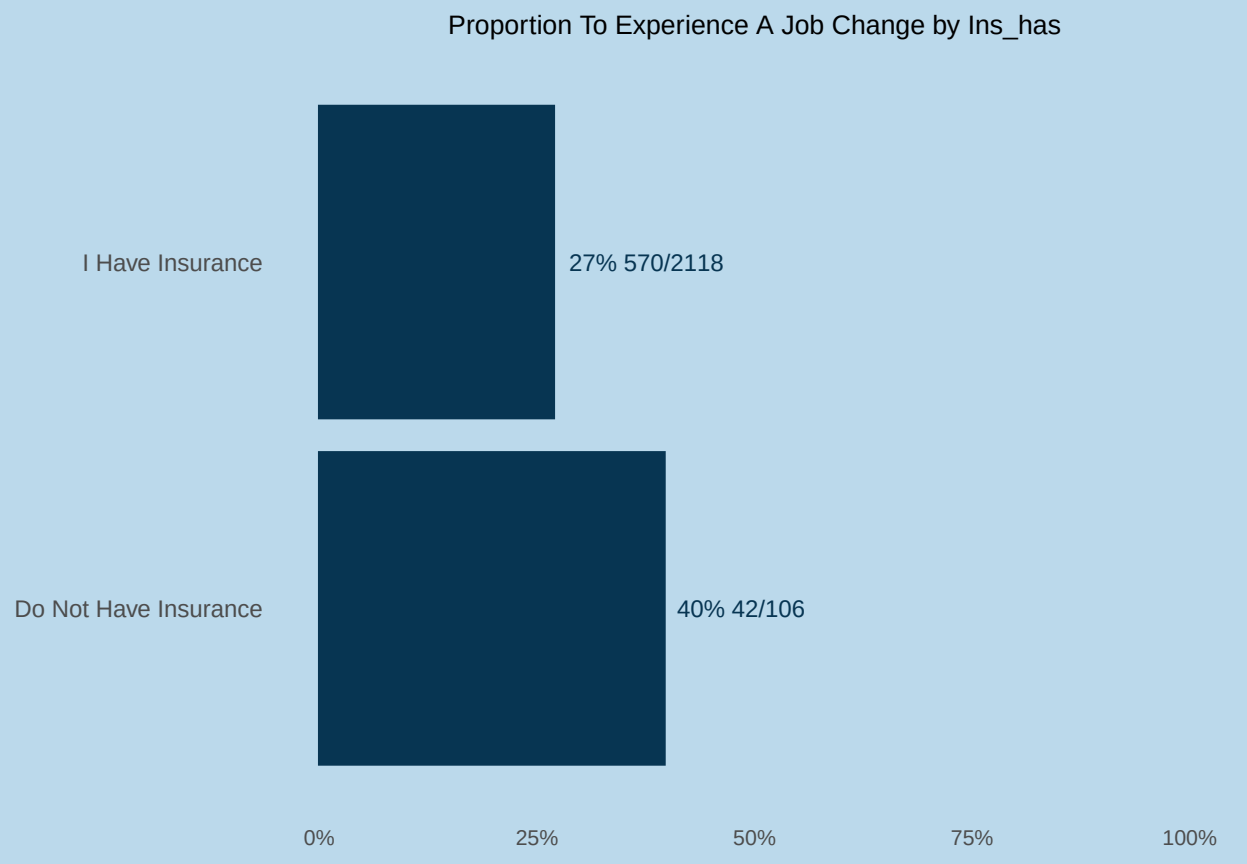
```
#table(wrangled$ins[str_detect(wrangled$ins, ";")])
new_variables <- c("sch_bach", # 1.5
                   "ins_has", # 1.6
                   "ins_prvt") # 1.7
new_variables <- setNames(new_variables, new_variables)

make_plots(df = wrangled,
           by_vars = new_variables,
           hyp_var = "emp_change", min = 5,
           title = "Proportion to Experience a job change", show = TRUE)
```

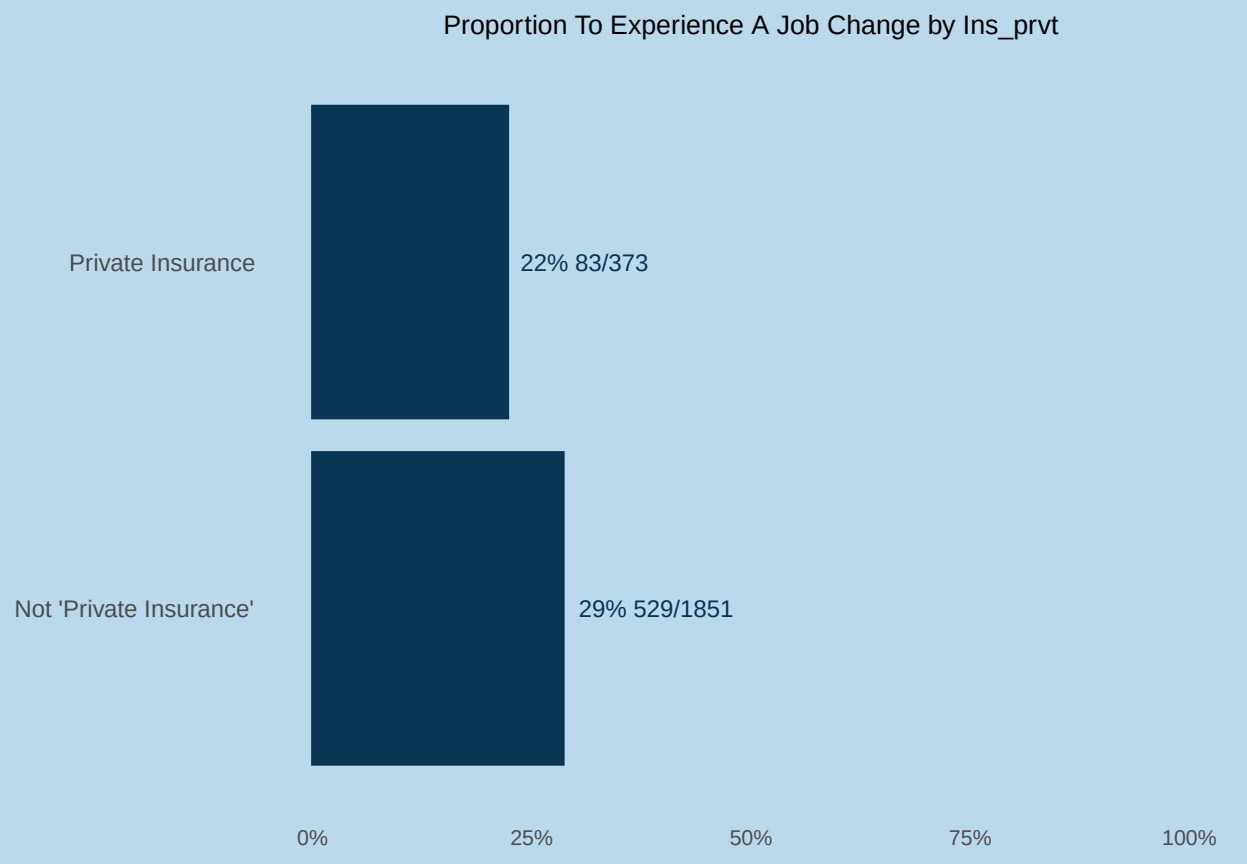
```
## $sch_bach
## $sch_bach$plot
```




```
##
## $sch_bach$p.values
## $sch_bach$p.values$emp_change
##                BA plus less than a BA
## BA plus             NA        4.5e-06
## less than a BA 4.5e-06             NA
##
##
##
## $ins_has
## $ins_has$plot
```




```
##
## $ins_has$p.values
## $ins_has$p.values$emp_change
##                       i have insurance do not have insurance
## i have insurance                    NA                 0.006
## do not have insurance            0.006                    NA
##
##
##
## $ins_prvt
## $ins_prvt$plot
```



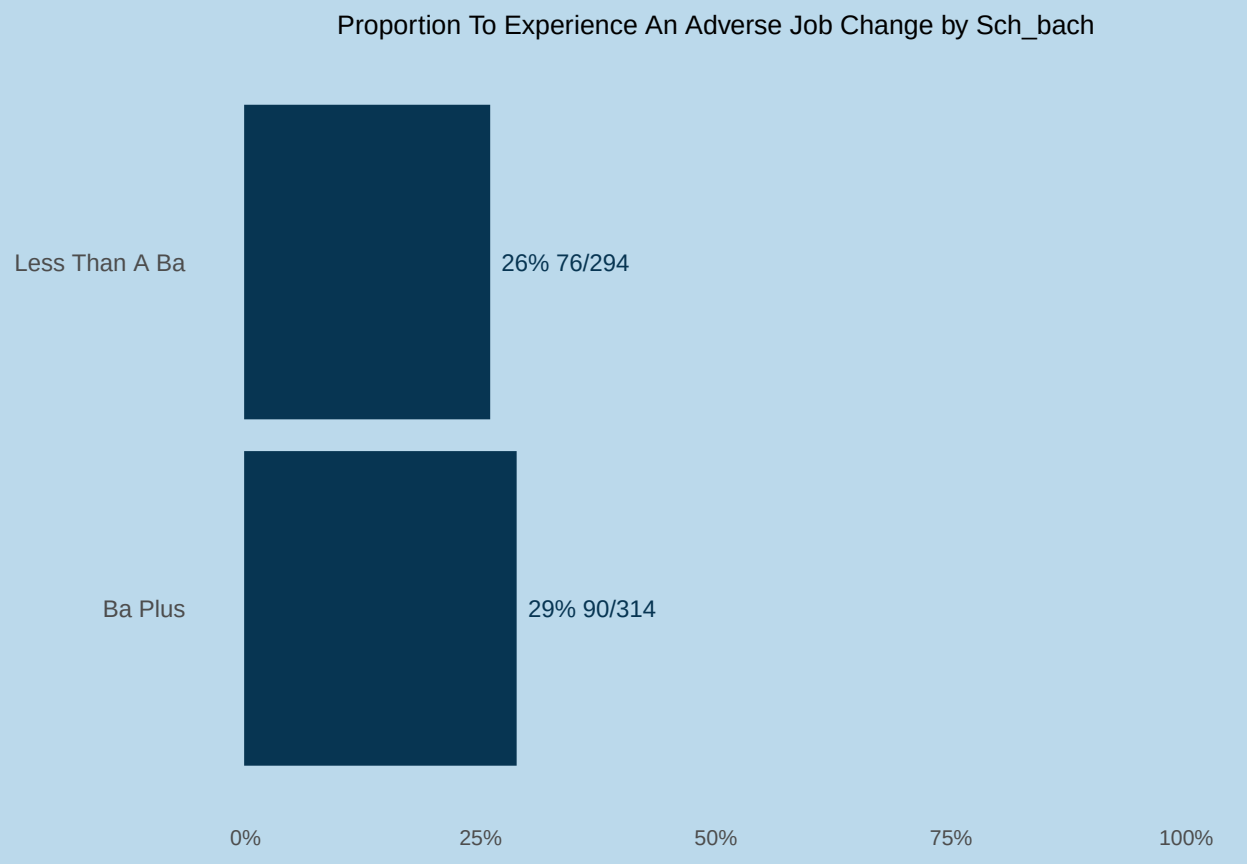

```
##
## $ins_prvt$p.values
## $ins_prvt$p.values$emp_change
##                          private insurance not 'private insurance'
## private insurance                       NA                     NA
## not 'private insurance'                 NA                     NA
```

```
print("Plots for ins_has, ins_prvt are not showing statistically significant results")
```

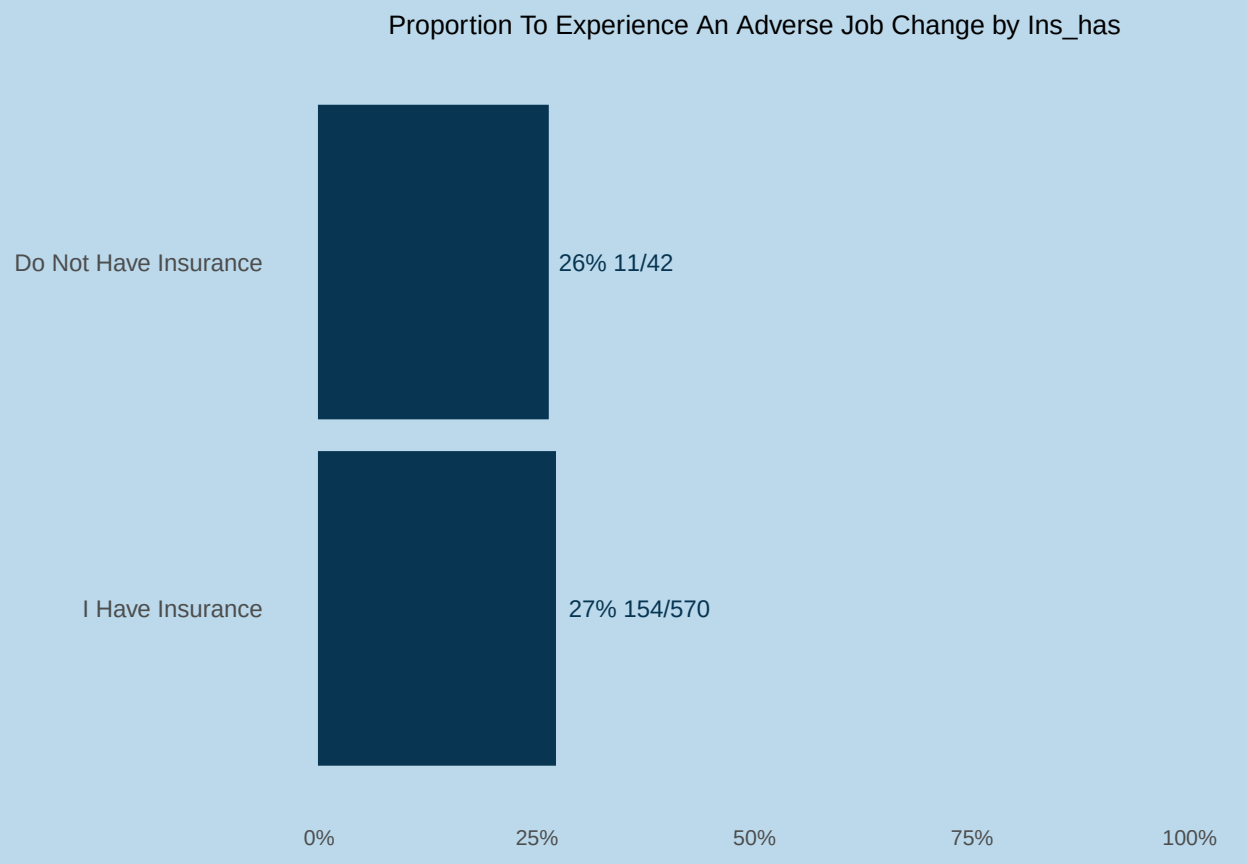
```
## [1] "Plots for ins_has, ins_prvt are not showing statistically significant results"
```

```
make_plots(df = wrangled %>% filter(emp_change == 1),
           by_vars = new_variables,
           hyp_var = "inc_neg",
           title = "Proportion to Experience an Adverse job change", show = TRUE)
```

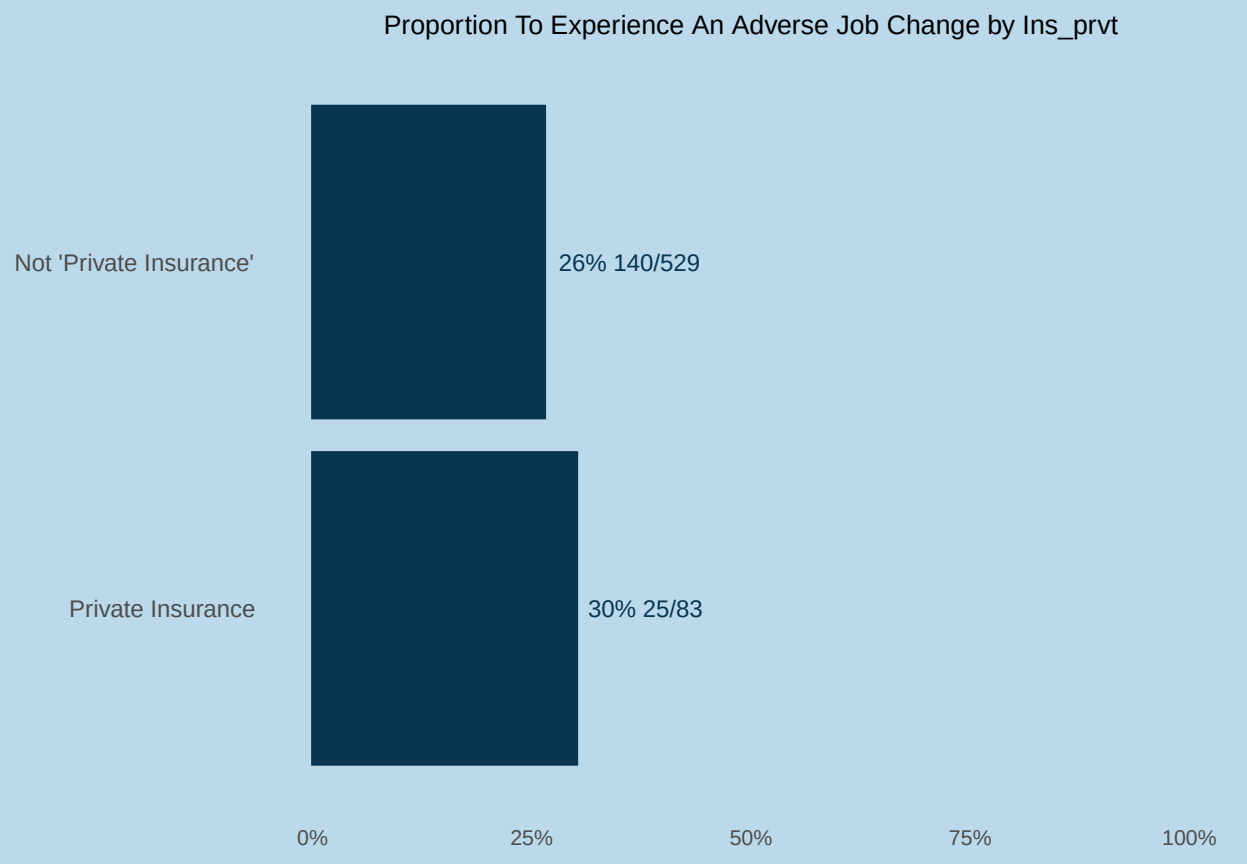
```
## $sch_bach
## $sch_bach$plot
```




```
##
## $sch_bach$p.values
## $sch_bach$p.values$inc_neg
##                 less than a BA BA plus
## less than a BA              NA      NA
## BA plus                     NA      NA
##
##
##
## $ins_has
## $ins_has$plot
```




```
##
## $ins_has$p.values
## $ins_has$p.values$inc_neg
##                       do not have insurance i have insurance
## do not have insurance                    NA                NA
## i have insurance                         NA                NA
##
##
##
## $ins_prvt
## $ins_prvt$plot
```




```
##
## $ins_prvt$p.values
## $ins_prvt$p.values$inc_neg
##                          not 'private insurance' private insurance
## not 'private insurance'                      NA                NA
## private insurance                            NA                NA
```

```
cat("Plots for sch_bach, ins_has, ins_prvt do not have\nat least one statistically significant result")
```

```
## Plots for sch_bach, ins_has, ins_prvt do not have
## at least one statistically significant result
```

1.8)Higher paid employees (above median income) were less likely to return to working in-person [12,13,19]

1. Find respondents who are earning above median income [12 &13]

a. Find proportion who are working fully virtual and hybrid mode [18]
b. Find proportion not in subset and compare

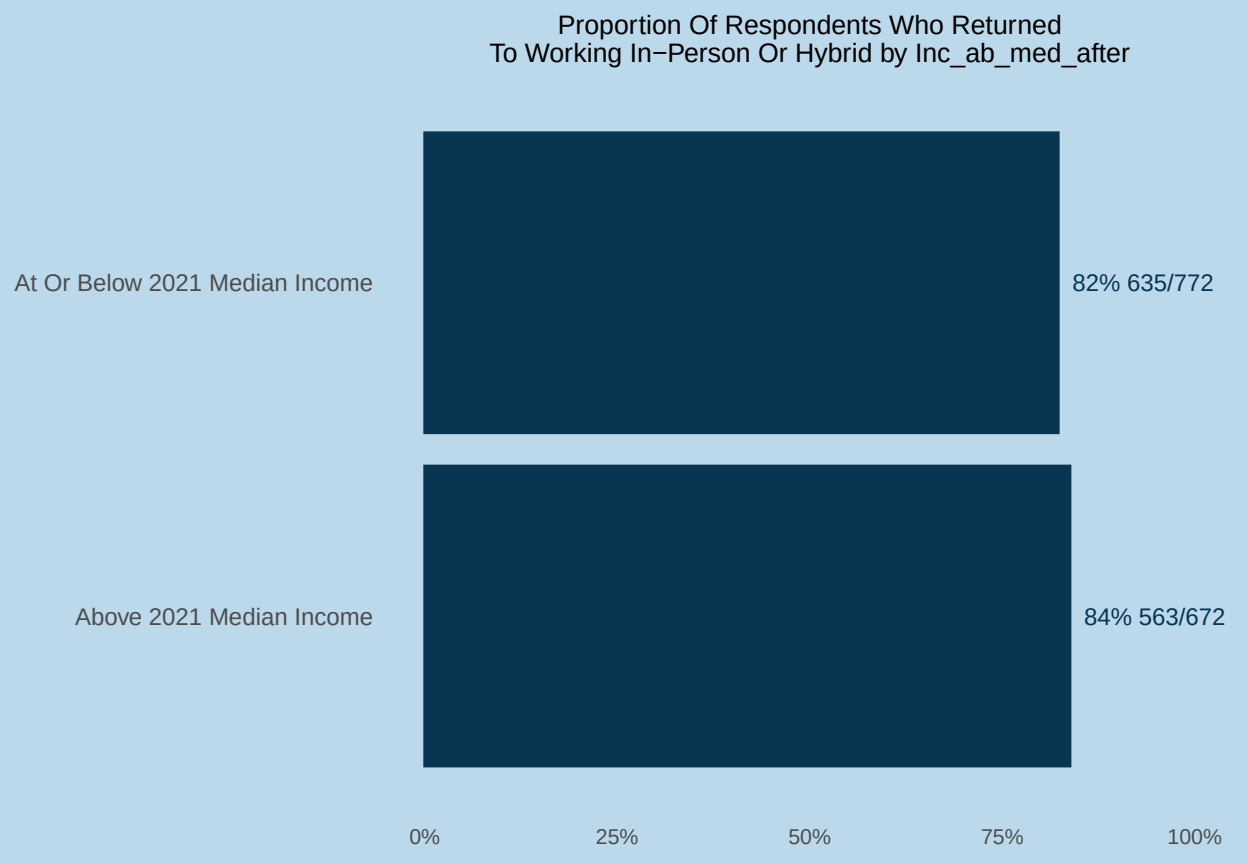
2. Find respondents who are earning below median income [12 &13]

c. Find proportion who are working fully in-person [18]

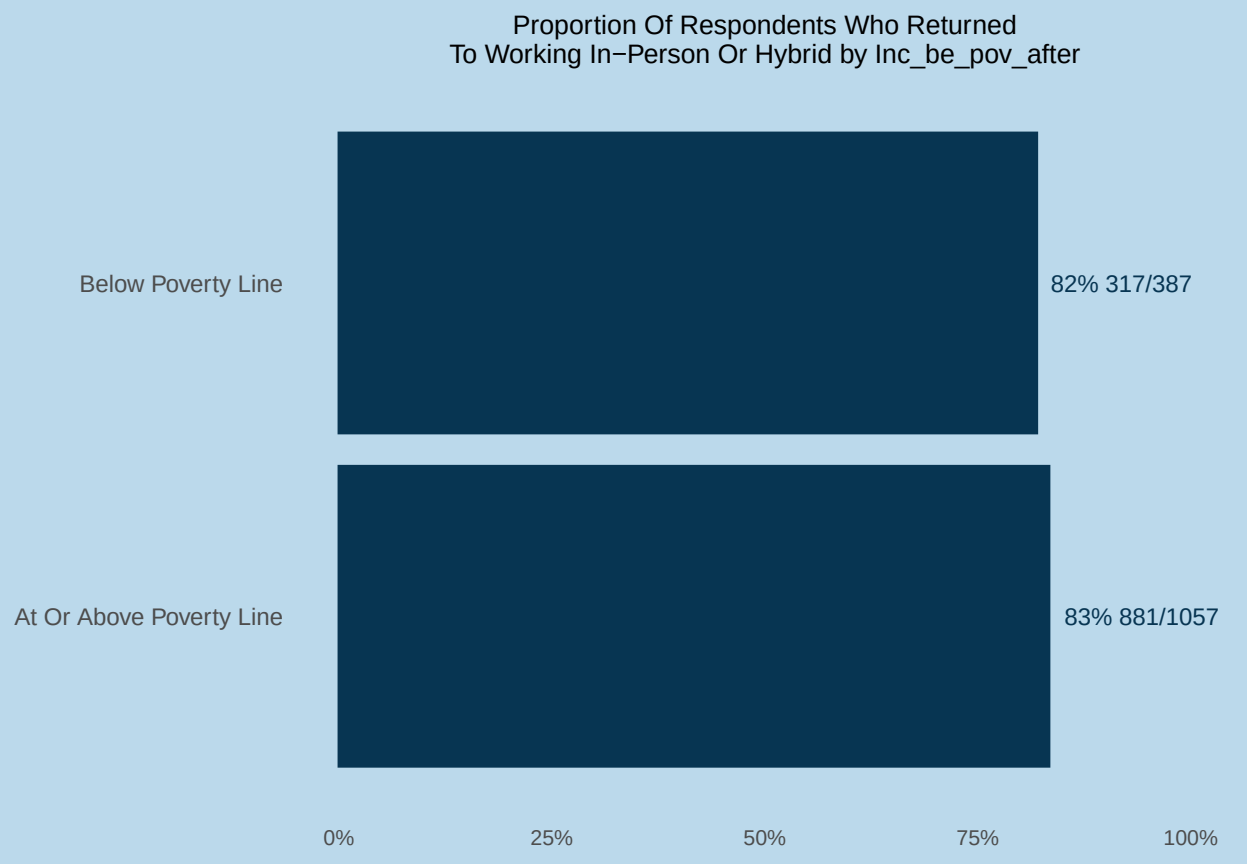
d. Find proportion not in subset and compare

```
make_plots(wrangled %>% filter(wrk != 4), c("inc_ab_med_after", "inc_be_pov_after"), "wrk_in",
           title = "Proportion of Respondents who returned\nto working in-person or hybrid",
           show = TRUE)
```

```
## $inc_ab_med_after
## $inc_ab_med_after$plot
```




```
##
## $inc_ab_med_after$p.values
## $inc_ab_med_after$p.values$wrk_in
##                                 at or below 2021 median income
## at or below 2021 median income                              NA
## above 2021 median income                                    NA
##                                 above 2021 median income
## at or below 2021 median income                       NA
## above 2021 median income                             NA
##
##
##
## $inc_be_pov_after
## $inc_be_pov_after$plot
```




```
##
## $inc_be_pov_after$p.values
## $inc_be_pov_after$p.values$wrk_in
##                           below poverty line at or above poverty line
## below poverty line                        NA                        NA
## at or above poverty line                  NA                        NA
```

1.9)People who are unemployed and currently receiving unemployment benefits [17]

1. Run distribution over population
2. Run distribution by sub-demographics (a-m)

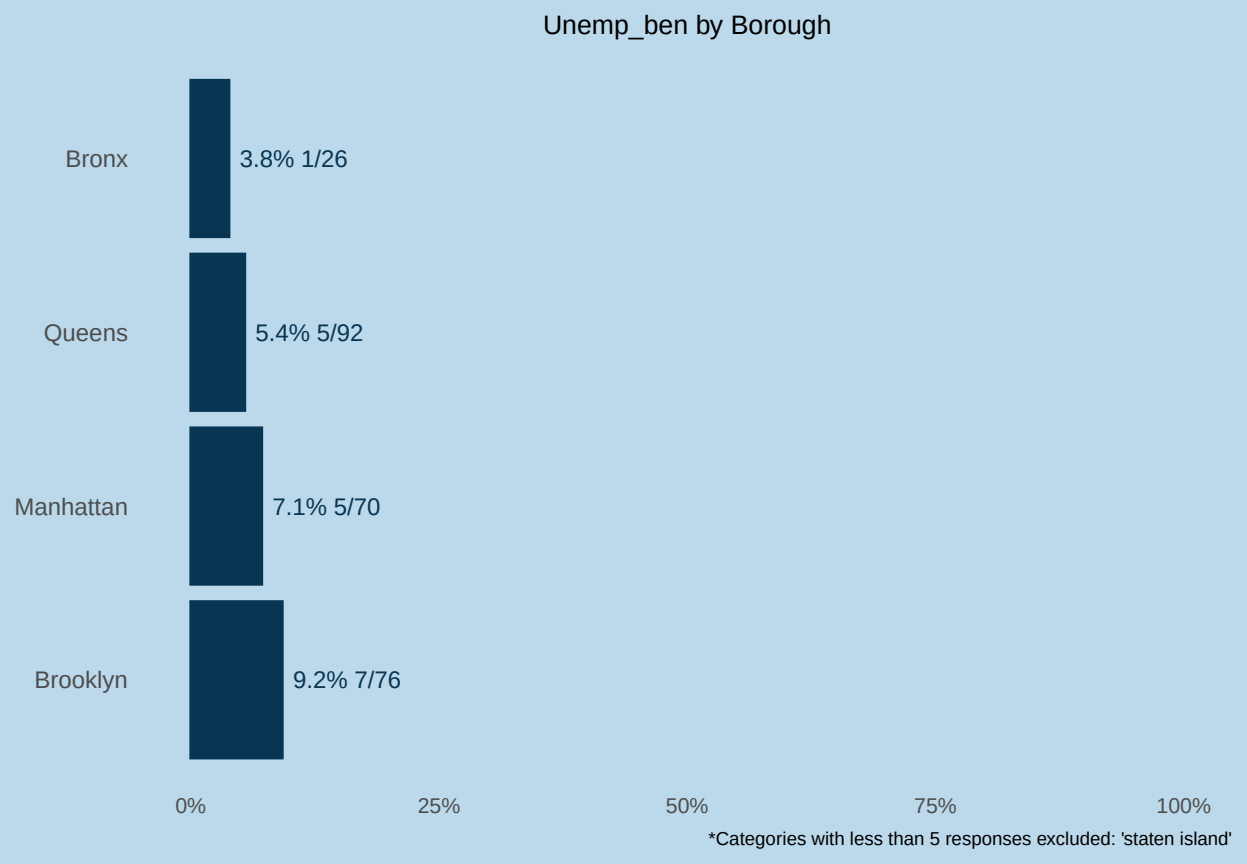
a. Compare and find gaps (test unequal proportions)

```
mean(wrangled$unemp_ben == 1, na.rm = TRUE)
```

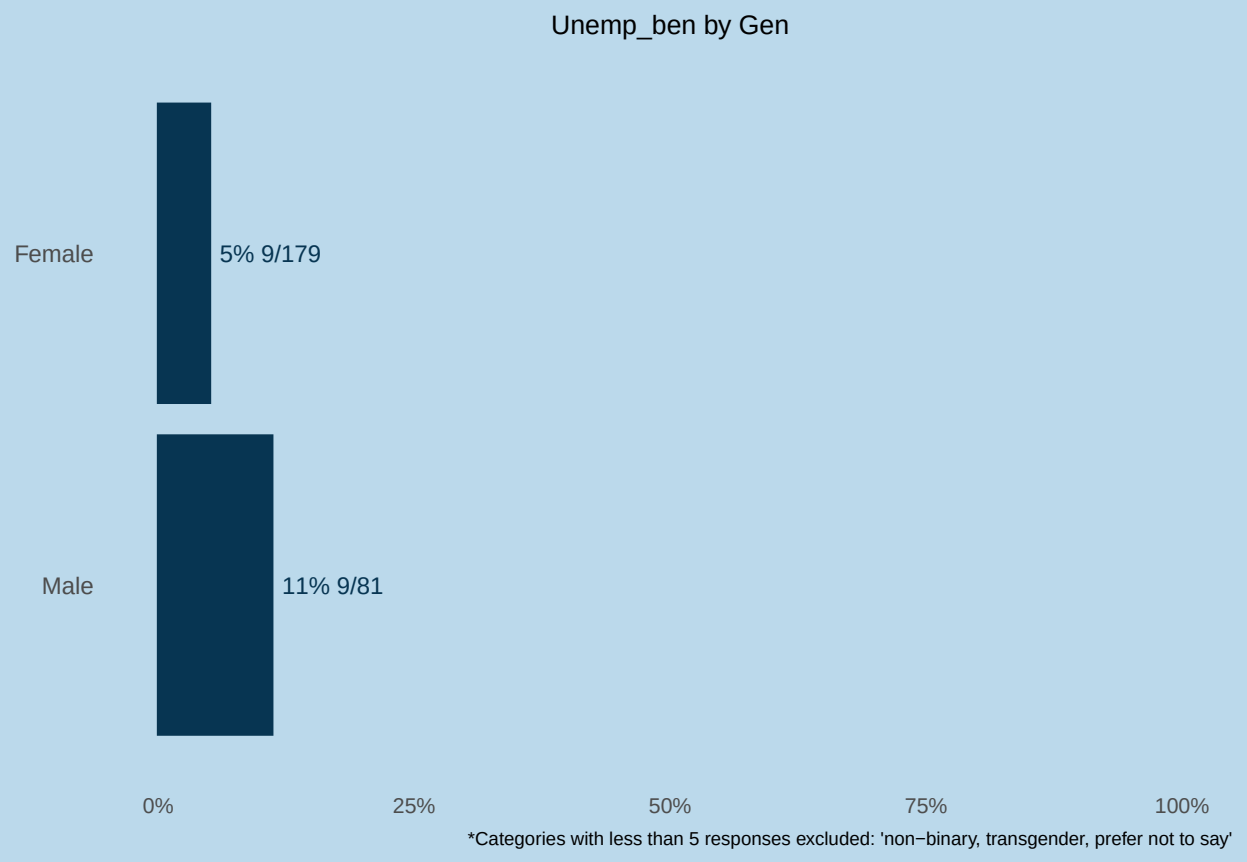
```
## [1] 0.06741573
```

```
make_plots(wrangled %>% mutate(temp = unemp_ben == 1), demographics, "temp", show = TRUE, title = "unemp
```

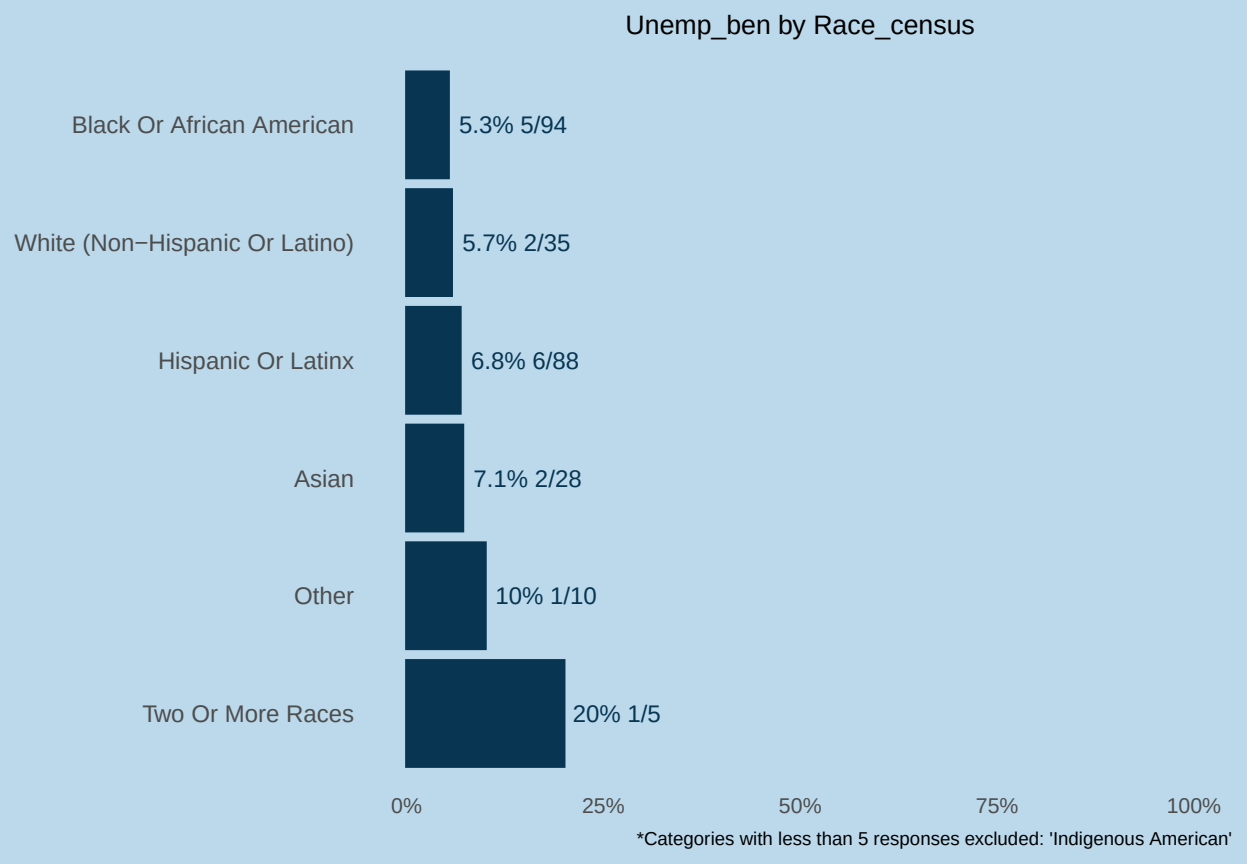
```
## $borough
## $borough$plot
```




```
##
## $borough$p.values
## $borough$p.values$temp
##           bronx queens manhattan brooklyn
## bronx        NA     NA        NA       NA
## queens       NA     NA        NA       NA
## manhattan    NA     NA        NA       NA
## brooklyn     NA     NA        NA       NA
##
##
##
## $gen
## $gen$plot
```

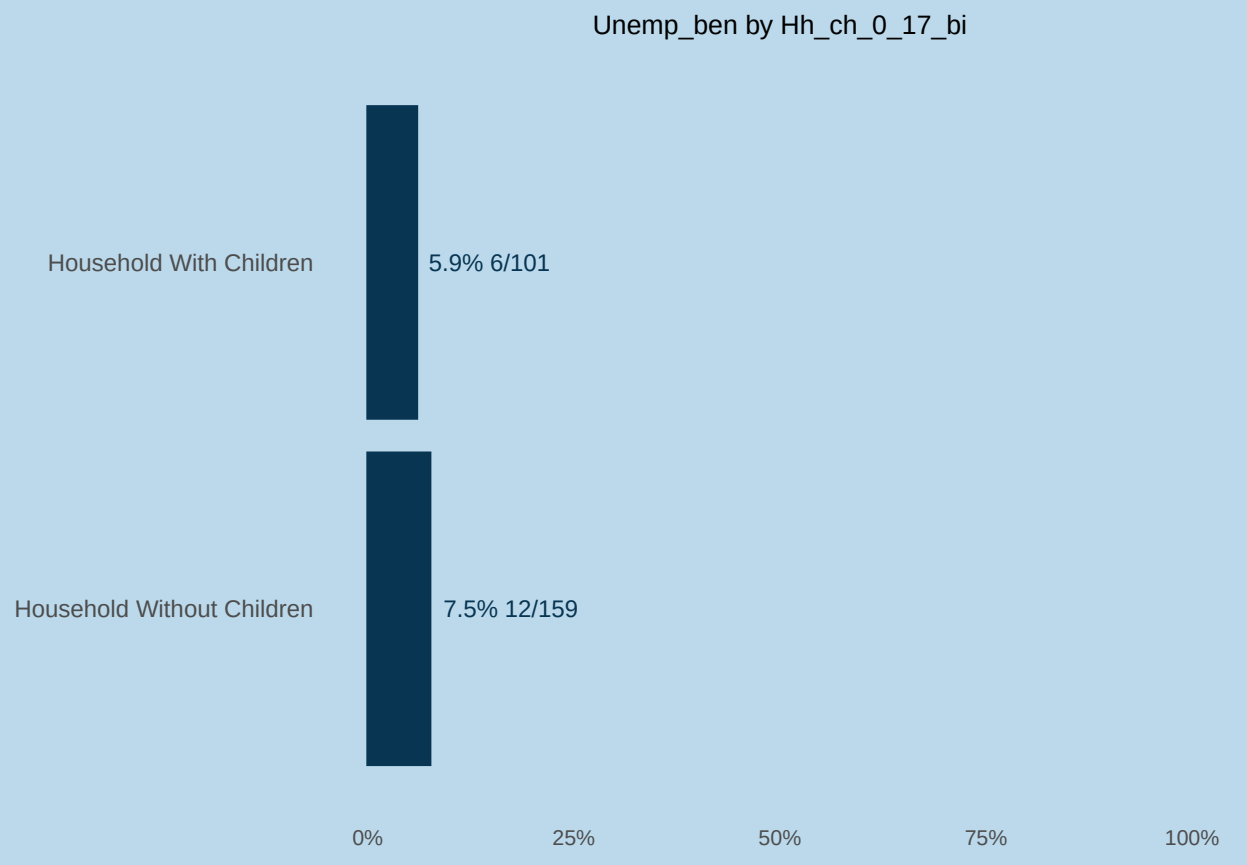



```
##
## $gen$p.values
## $gen$p.values$temp
##        female male
## female     NA   NA
## male       NA   NA
##
##
##
## $race_census
## $race_census$plot
```

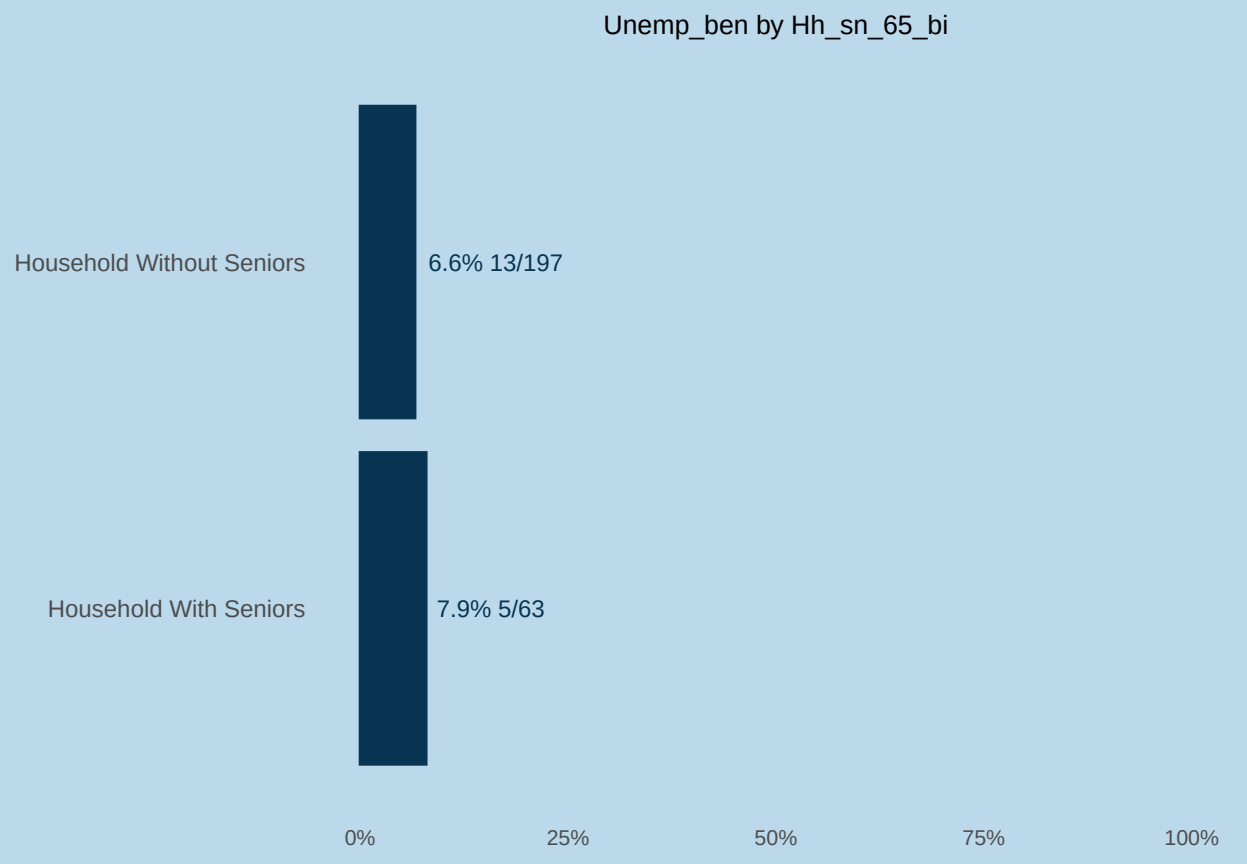



```
##
## $race_census$p.values
## $race_census$p.values$temp
##                                 black or african american
## black or african american                              NA
## white (non-hispanic or latino)                         NA
## hispanic or latinx                                     NA
## asian                                                  NA
## other                                                  NA
## two or more races                                      NA
##                                 white (non-hispanic or latino)
## black or african american                                   NA
## white (non-hispanic or latino)                              NA
## hispanic or latinx                                          NA
## asian                                                       NA
## other                                                       NA
## two or more races                                           NA
##                                 hispanic or latinx asian other two or more races
## black or african american                       NA    NA    NA                 NA
## white (non-hispanic or latino)                  NA    NA    NA                 NA
## hispanic or latinx                              NA    NA    NA                 NA
## asian                                           NA    NA    NA                 NA
## other                                           NA    NA    NA                 NA
## two or more races                               NA    NA    NA                 NA
##
##
```

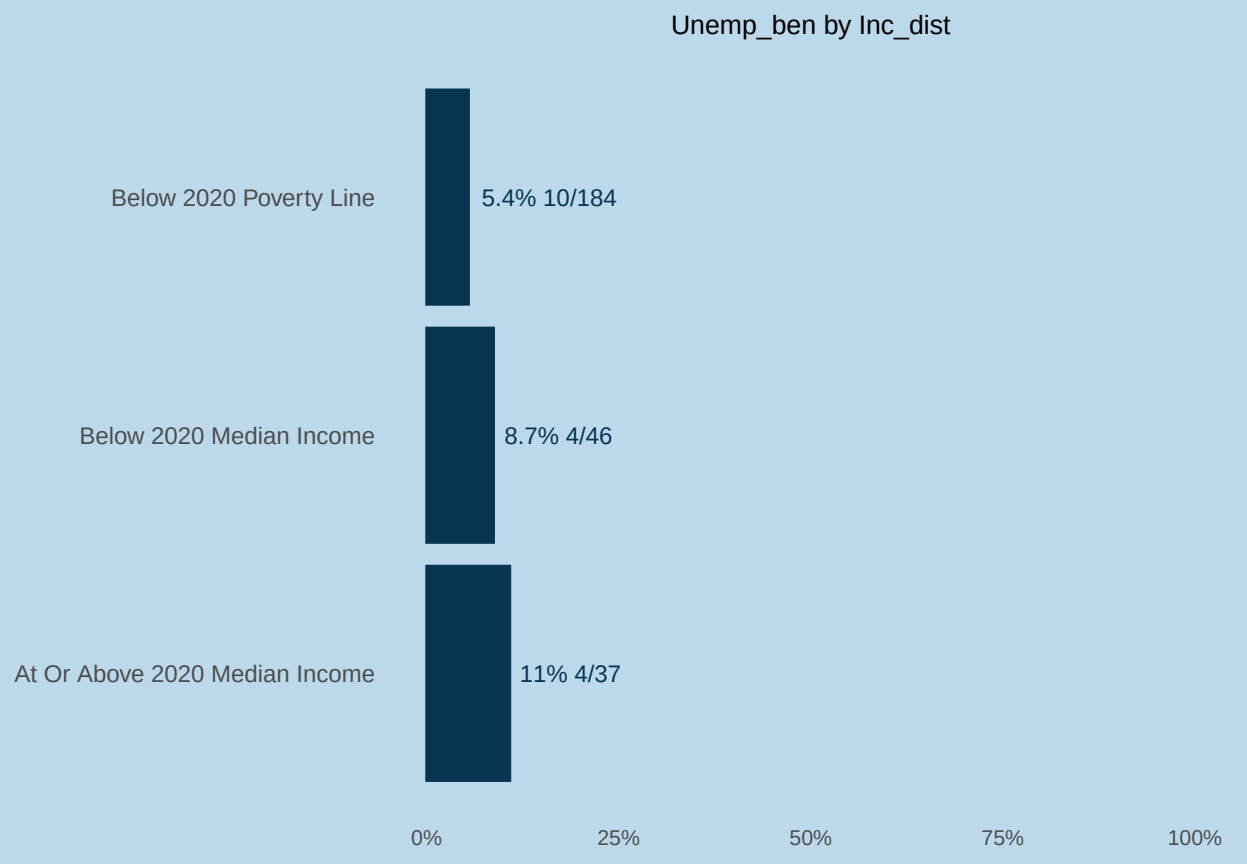
```
##
## $hh_ch_0_17_bi
## $hh_ch_0_17_bi$plot
```




```
##
## $hh_ch_0_17_bi$p.values
## $hh_ch_0_17_bi$p.values$temp
##                             household with children household without children
## household with children                          NA                         NA
## household without children                      NA                         NA
##
##
##
## $hh_sn_65_bi
## $hh_sn_65_bi$plot
```




```
##
## $hh_sn_65_bi$p.values
## $hh_sn_65_bi$p.values$temp
##                            household without seniors household with seniors
## household without seniors                        NA                     NA
## household with seniors                           NA                     NA
##
##
##
## $inc_dist
## $inc_dist$plot
```




```
##
## $inc_dist$p.values
## $inc_dist$p.values$temp
##                                 below 2020 poverty line below 2020 median income
## below 2020 poverty line                              NA                        NA
## below 2020 median income                             NA                        NA
## at or above 2020 median income                       NA                        NA
##                                 at or above 2020 median income
## below 2020 poverty line                                     NA
## below 2020 median income                                    NA
## at or above 2020 median income                              NA
```

```
print("None of these plots have at least one statistically significant result")
```

```
## [1] "None of these plots have at least one statistically significant result"
```

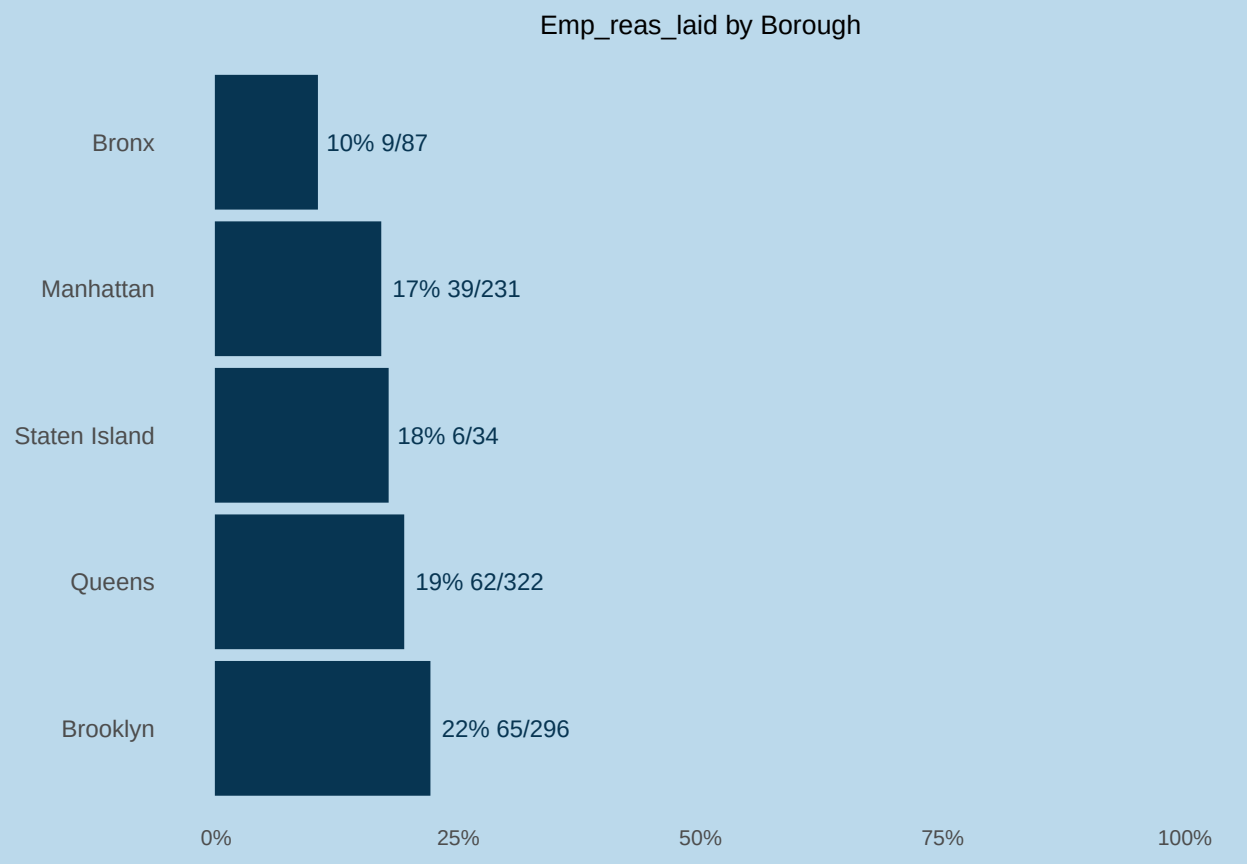
1.10)Reasons for employment change

1. Run sub demographic distribution over each reason of employment change
2. Run distribution over population.

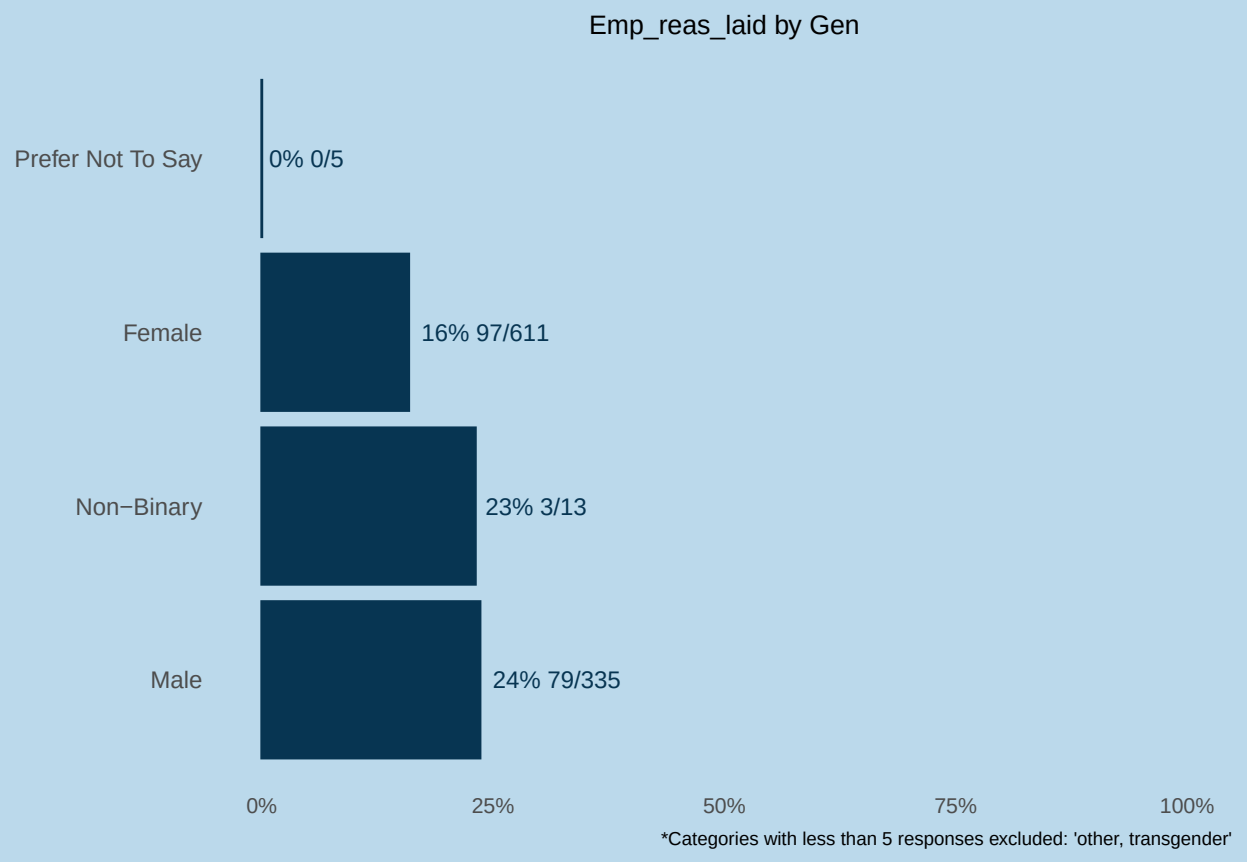
```
emp_reas <- wrangled %>% select(starts_with("emp_reas_")) %>% colnames()
names(emp_reas) <- emp_reas

lapply(emp_reas[1:2], function(reason) {
  make_plots(wrangled, demographics, reason, title = reason, show = TRUE)
})
```

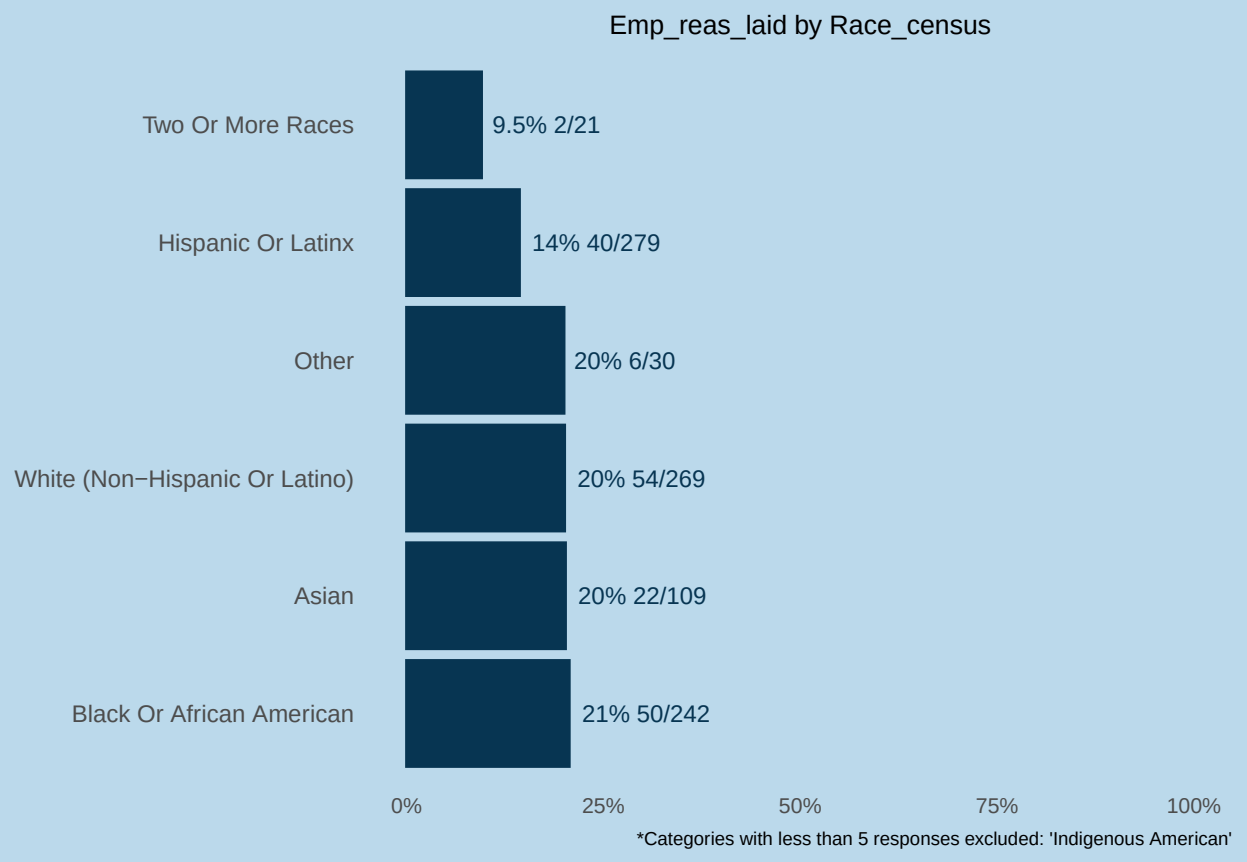
```
## $emp_reas_laid
## $emp_reas_laid$borough
## $emp_reas_laid$borough$plot
```




```
##
## $emp_reas_laid$borough$p.values
## $emp_reas_laid$borough$p.values$emp_reas_laid
##               bronx manhattan staten island queens brooklyn
## bronx            NA        NA            NA     NA       NA
## manhattan        NA        NA            NA     NA       NA
## staten island    NA        NA            NA     NA       NA
## queens           NA        NA            NA     NA       NA
## brooklyn         NA        NA            NA     NA       NA
##
##
##
## $emp_reas_laid$gen
## $emp_reas_laid$gen$plot
```

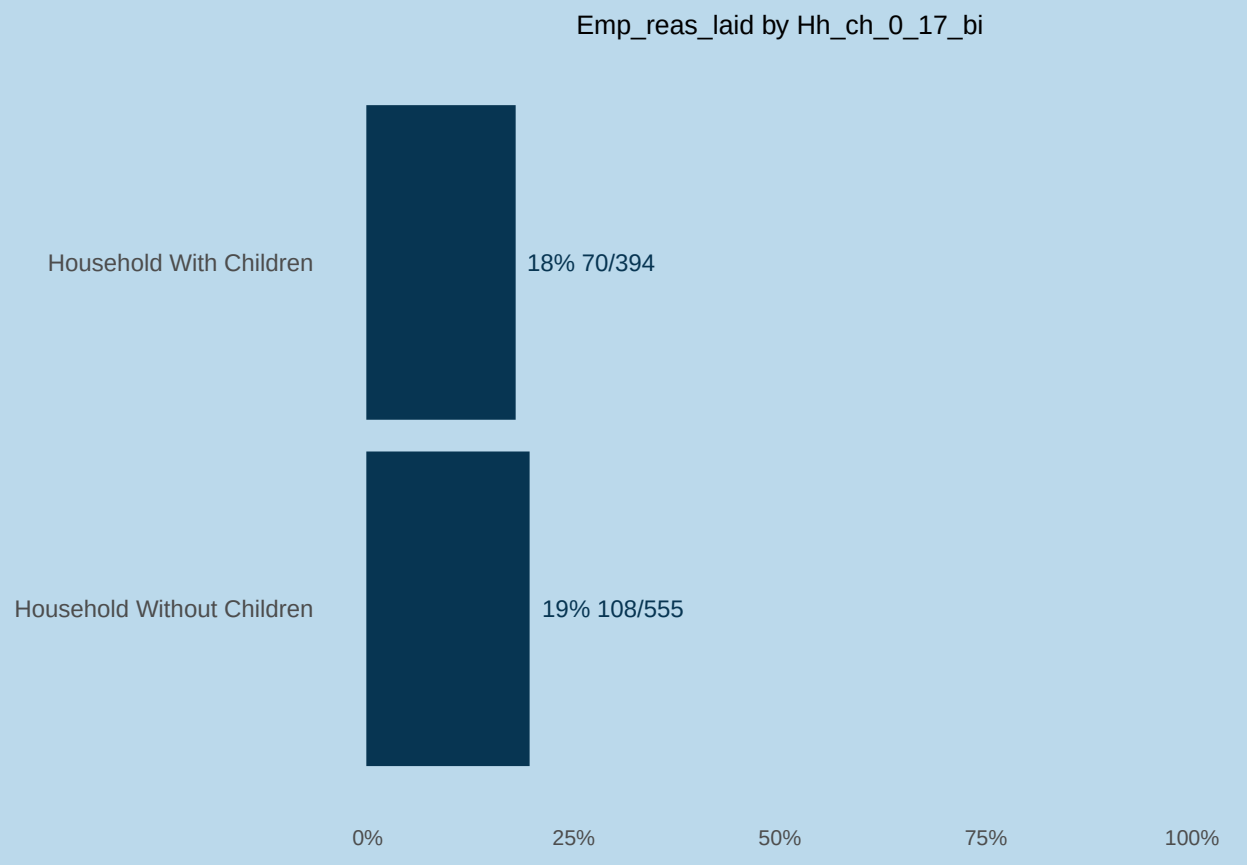



```
##
## $emp_reas_laid$gen$p.values
## $emp_reas_laid$gen$p.values$emp_reas_laid
##                   prefer not to say female non-binary   male
## prefer not to say                NA     NA         NA     NA
## female                           NA     NA         NA 0.0047
## non-binary                       NA     NA         NA     NA
## male                             NA 0.0047         NA     NA
##
##
##
## $emp_reas_laid$race_census
## $emp_reas_laid$race_census$plot
```

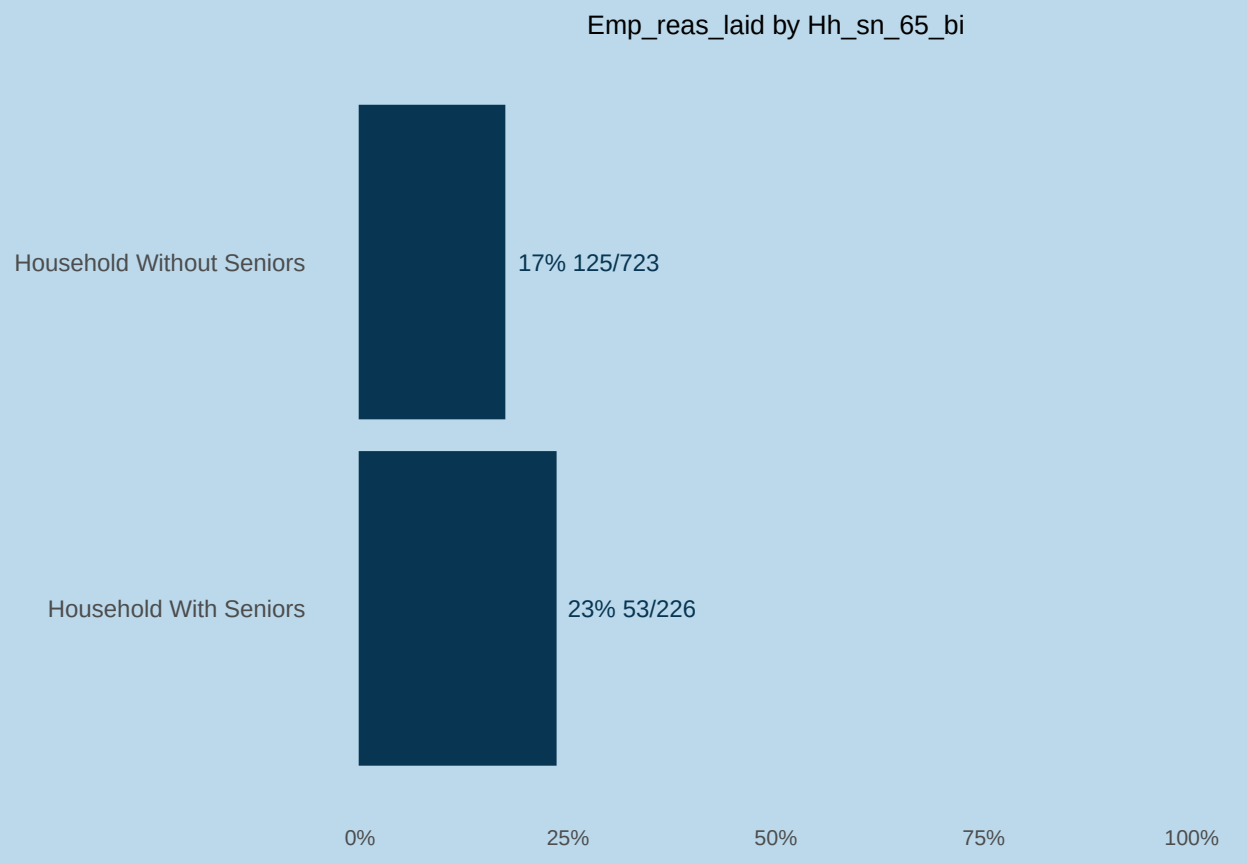



```
##
## $emp_reas_laid$race_census$p.values
## $emp_reas_laid$race_census$p.values$emp_reas_laid
##                                two or more races hispanic or latinx other
## two or more races                             NA                 NA    NA
## hispanic or latinx                            NA                 NA    NA
## other                                         NA                 NA    NA
## white (non-hispanic or latino)                NA                 NA    NA
## asian                                         NA                 NA    NA
## black or african american                     NA                 NA    NA
##                                white (non-hispanic or latino) asian
## two or more races                                          NA    NA
## hispanic or latinx                                         NA    NA
## other                                                      NA    NA
## white (non-hispanic or latino)                             NA    NA
## asian                                                      NA    NA
## black or african american                                  NA    NA
##                                black or african american
## two or more races                                      NA
## hispanic or latinx                                     NA
## other                                                  NA
## white (non-hispanic or latino)                         NA
## asian                                                  NA
## black or african american                              NA
##
##
```

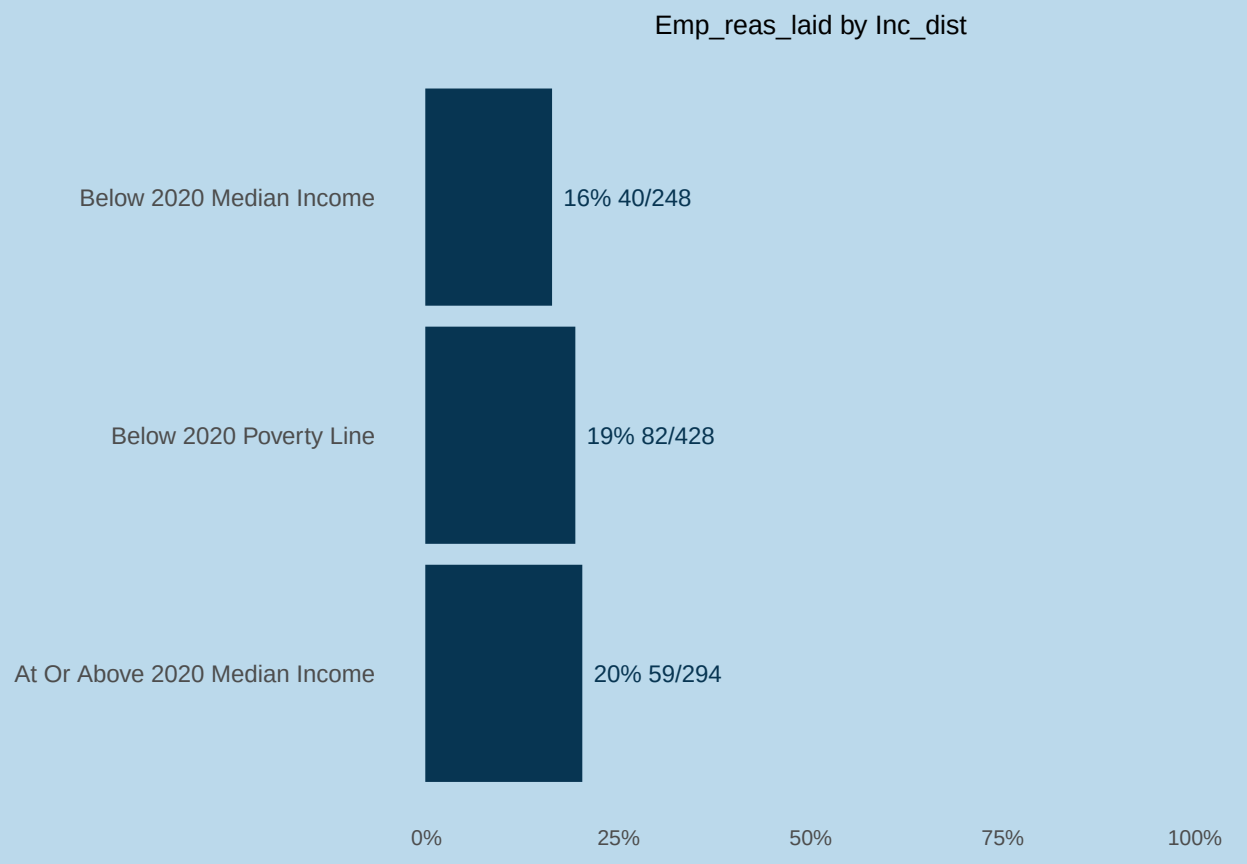
```
##
## $emp_reas_laid$hh_ch_0_17_bi
## $emp_reas_laid$hh_ch_0_17_bi$plot
```



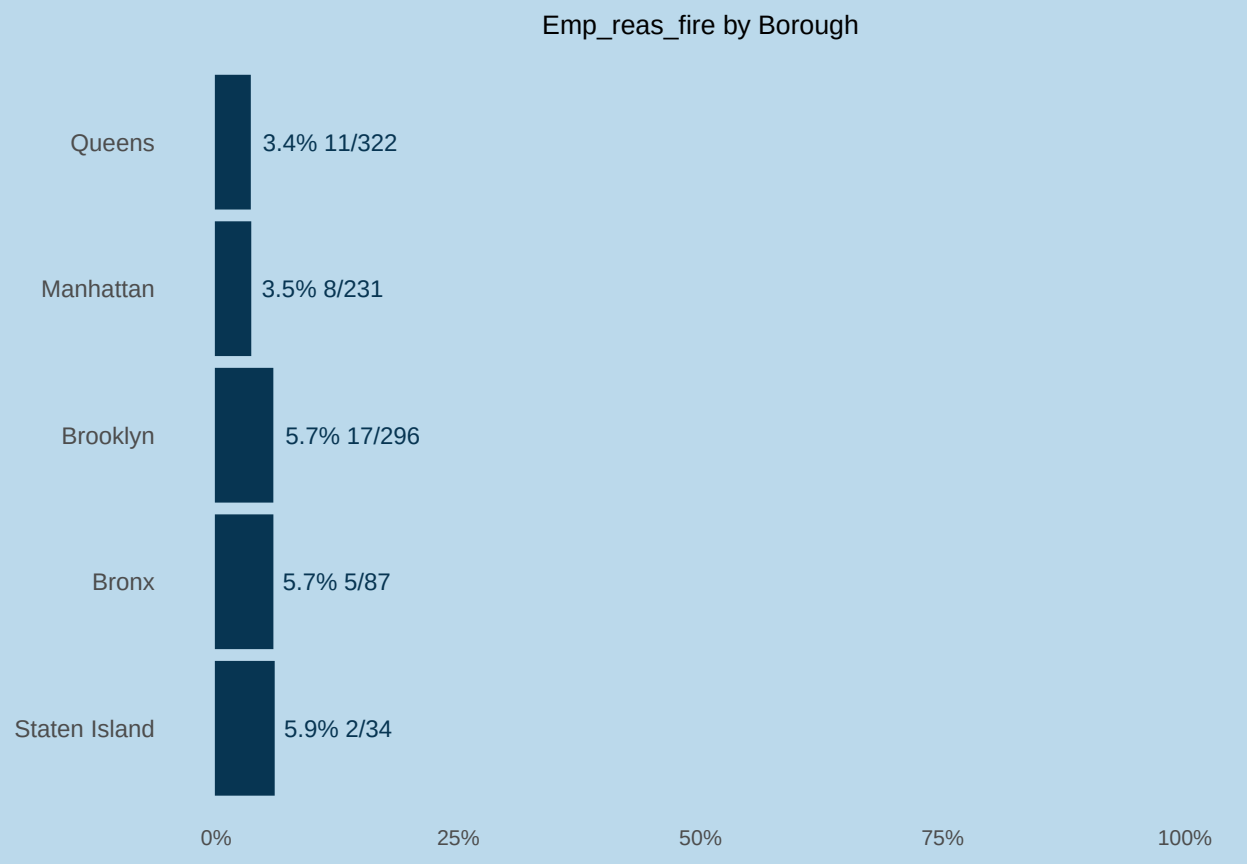

```
##
## $emp_reas_laid$hh_ch_0_17_bi$p.values
## $emp_reas_laid$hh_ch_0_17_bi$p.values$emp_reas_laid
##                            household with children household without children
## household with children                         NA                         NA
## household without children                     NA                         NA
##
##
##
## $emp_reas_laid$hh_sn_65_bi
## $emp_reas_laid$hh_sn_65_bi$plot
```



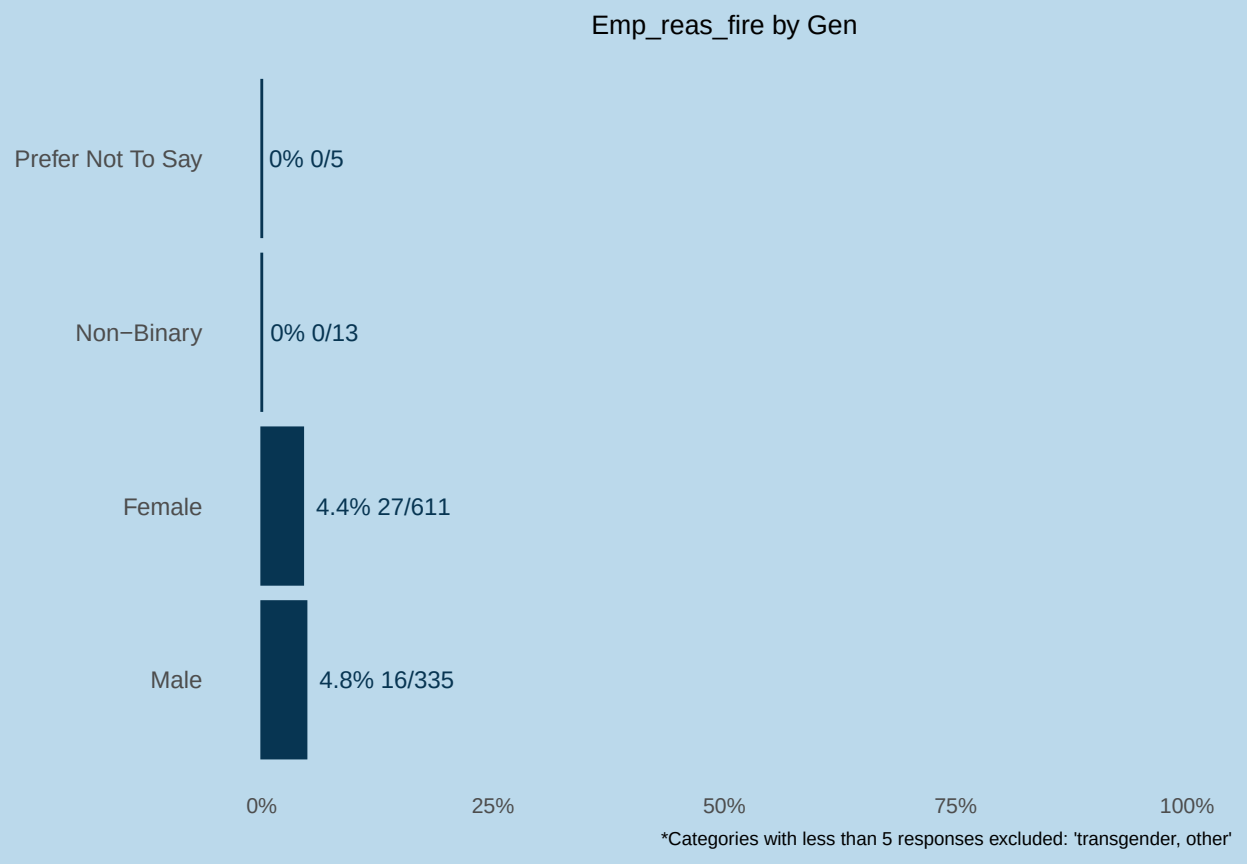

```
##
## $emp_reas_laid$hh_sn_65_bi$p.values
## $emp_reas_laid$hh_sn_65_bi$p.values$emp_reas_laid
##                           household without seniors household with seniors
## household without seniors                        NA                     NA
## household with seniors                           NA                     NA
##
##
##
## $emp_reas_laid$inc_dist
## $emp_reas_laid$inc_dist$plot
```



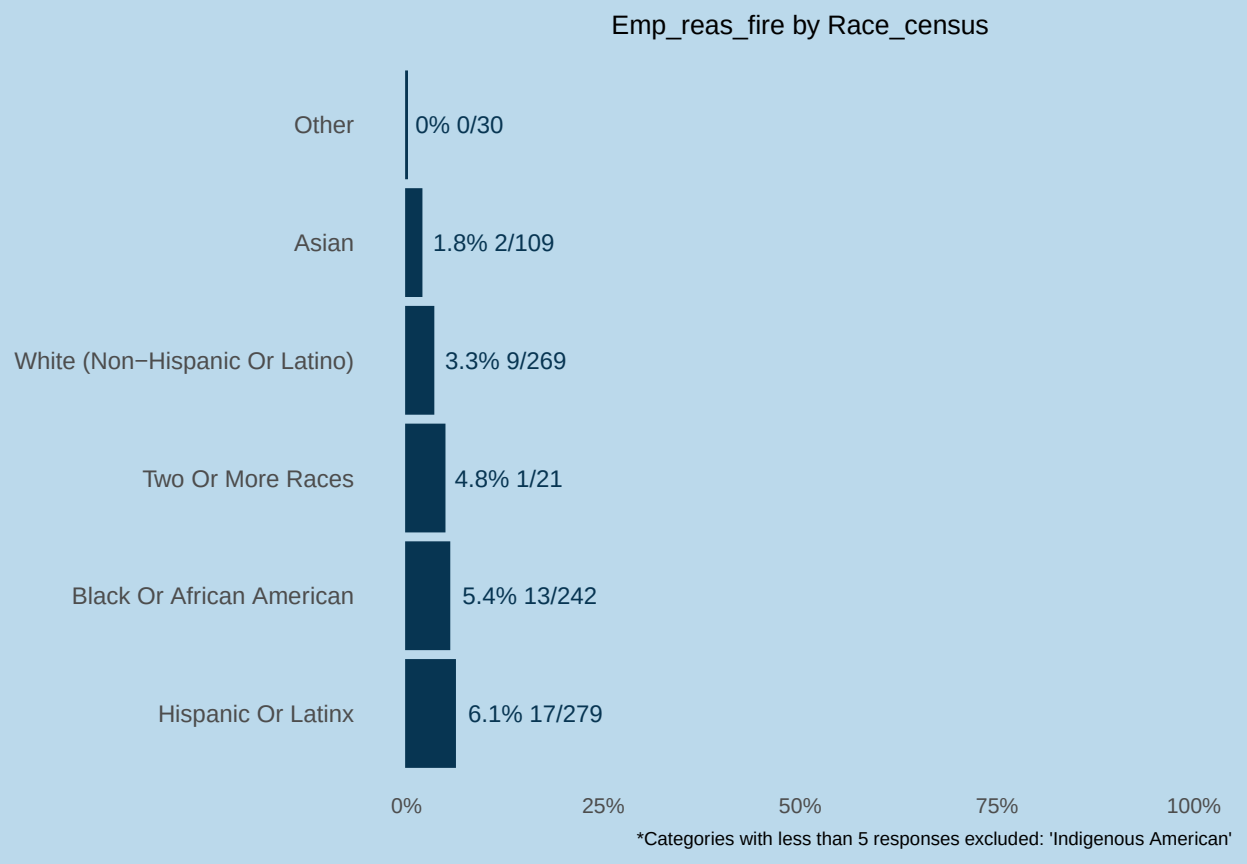

```
##
## $emp_reas_laid$inc_dist$p.values
## $emp_reas_laid$inc_dist$p.values$emp_reas_laid
##                                 below 2020 median income below 2020 poverty line
## below 2020 median income                              NA                       NA
## below 2020 poverty line                               NA                       NA
## at or above 2020 median income                        NA                       NA
##                                 at or above 2020 median income
## below 2020 median income                                    NA
## below 2020 poverty line                                     NA
## at or above 2020 median income                              NA
##
##
##
##
## $emp_reas_fire
## $emp_reas_fire$borough
## $emp_reas_fire$borough$plot
```




```
##
## $emp_reas_fire$borough$p.values
## $emp_reas_fire$borough$p.values$emp_reas_fire
##               queens manhattan brooklyn bronx staten island
## queens            NA        NA       NA    NA            NA
## manhattan         NA        NA       NA    NA            NA
## brooklyn          NA        NA       NA    NA            NA
## bronx             NA        NA       NA    NA            NA
## staten island     NA        NA       NA    NA            NA
##
##
##
## $emp_reas_fire$gen
## $emp_reas_fire$gen$plot
```

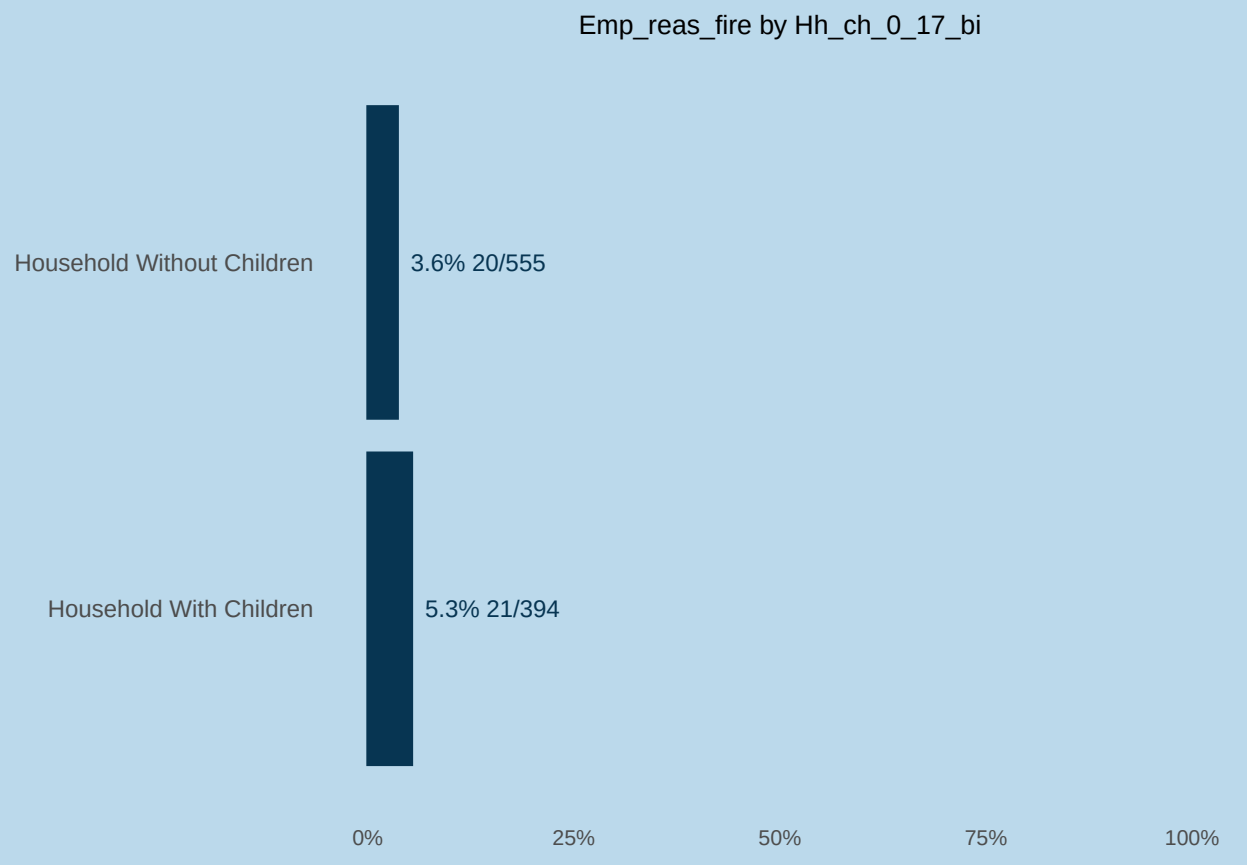



```
##
## $emp_reas_fire$gen$p.values
## $emp_reas_fire$gen$p.values$emp_reas_fire
##                   non-binary prefer not to say female male
## non-binary                NA                NA     NA   NA
## prefer not to say         NA                NA     NA   NA
## female                    NA                NA     NA   NA
## male                      NA                NA     NA   NA
##
##
##
## $emp_reas_fire$race_census
## $emp_reas_fire$race_census$plot
```

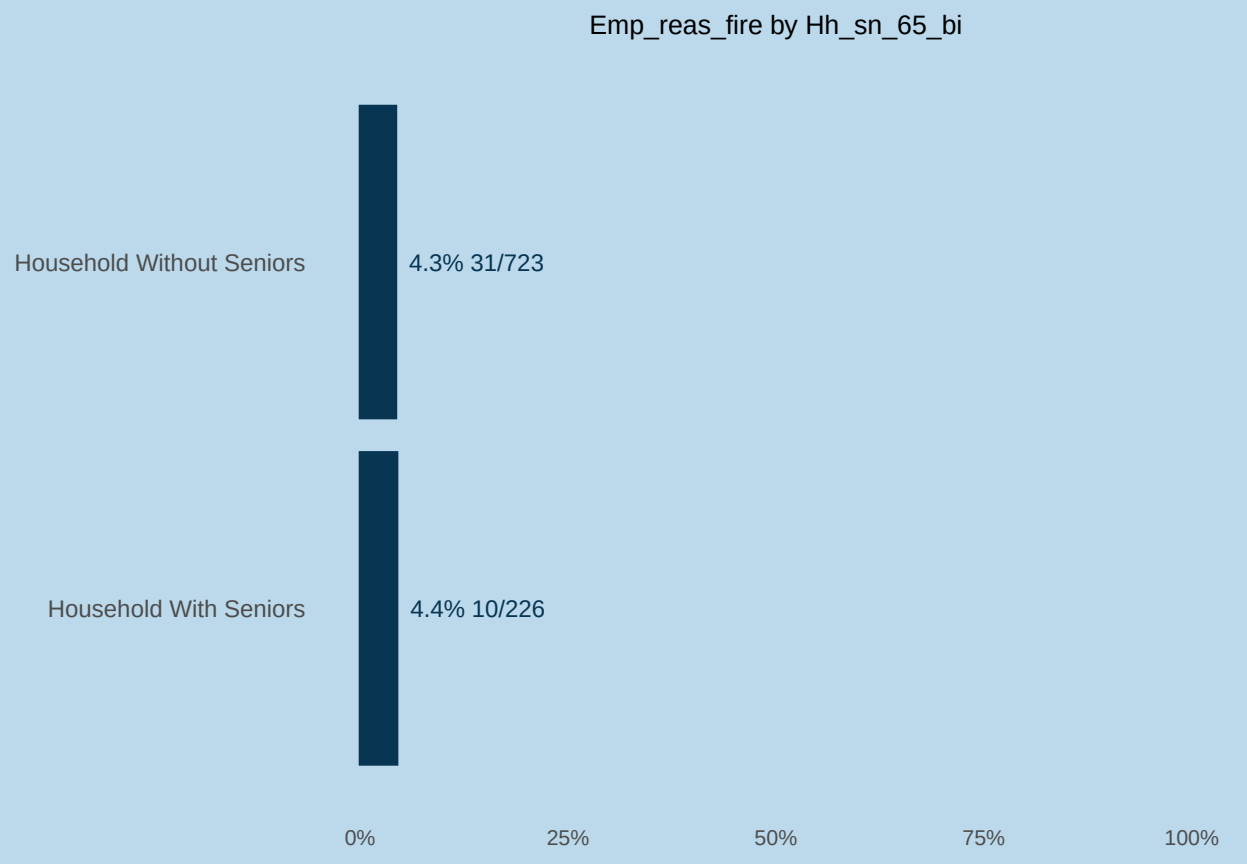



```
##
## $emp_reas_fire$race_census$p.values
## $emp_reas_fire$race_census$p.values$emp_reas_fire
##                                 other asian white (non-hispanic or latino)
## other                              NA    NA                              NA
## asian                              NA    NA                              NA
## white (non-hispanic or latino)     NA    NA                              NA
## two or more races                  NA    NA                              NA
## black or african american          NA    NA                              NA
## hispanic or latinx                 NA    NA                              NA
##                                 two or more races black or african american
## other                                          NA                         NA
## asian                                          NA                         NA
## white (non-hispanic or latino)                 NA                         NA
## two or more races                              NA                         NA
## black or african american                      NA                         NA
## hispanic or latinx                             NA                         NA
##                                 hispanic or latinx
## other                                           NA
## asian                                           NA
## white (non-hispanic or latino)                  NA
## two or more races                               NA
## black or african american                       NA
## hispanic or latinx                              NA
##
##
```

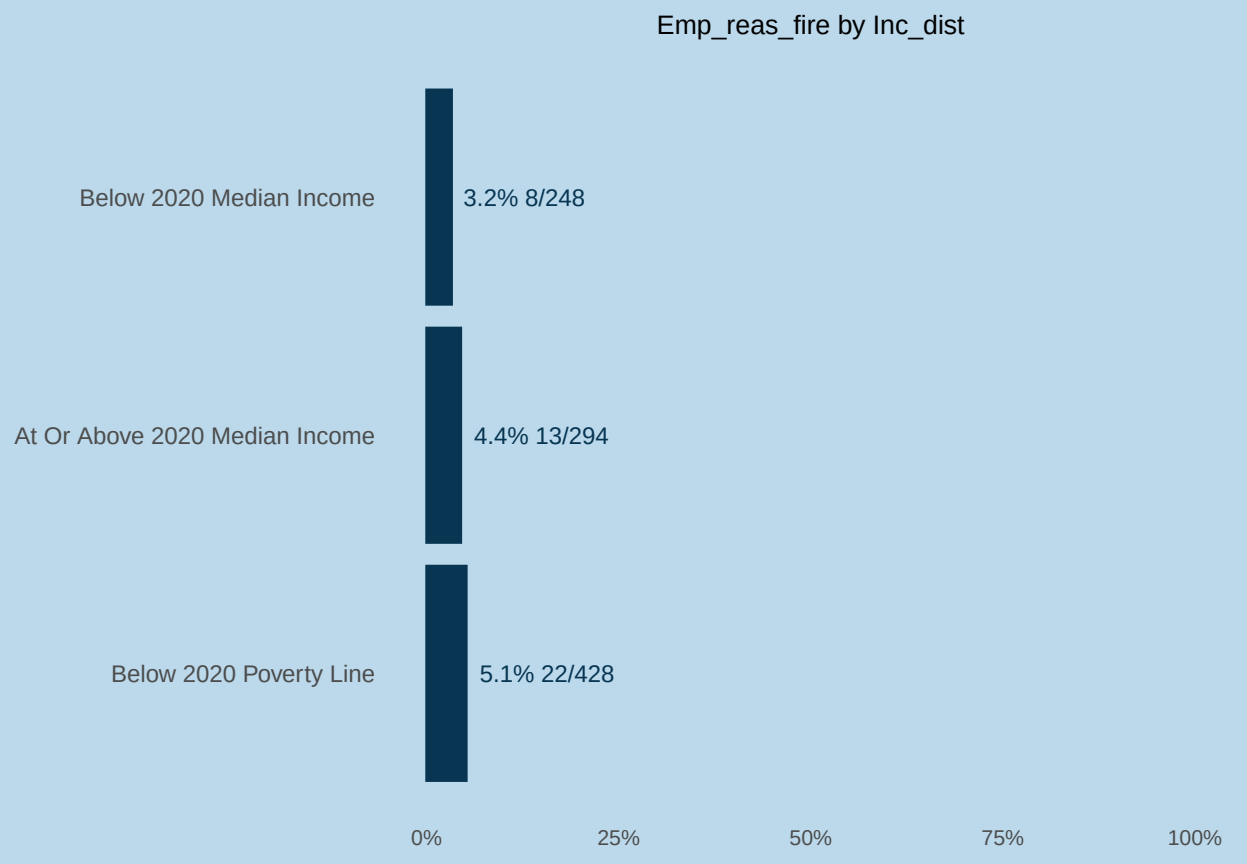
```
##
## $emp_reas_fire$hh_ch_0_17_bi
## $emp_reas_fire$hh_ch_0_17_bi$plot
```




```
##
## $emp_reas_fire$hh_ch_0_17_bi$p.values
## $emp_reas_fire$hh_ch_0_17_bi$p.values$emp_reas_fire
##                            household without children household with children
## household without children                         NA                      NA
## household with children                           NA                      NA
##
##
##
## $emp_reas_fire$hh_sn_65_bi
## $emp_reas_fire$hh_sn_65_bi$plot
```




```
##
## $emp_reas_fire$hh_sn_65_bi$p.values
## $emp_reas_fire$hh_sn_65_bi$p.values$emp_reas_fire
##                           household without seniors household with seniors
## household without seniors                        NA                     NA
## household with seniors                           NA                     NA
##
##
##
## $emp_reas_fire$inc_dist
## $emp_reas_fire$inc_dist$plot
```




```
##
## $emp_reas_fire$inc_dist$p.values
## $emp_reas_fire$inc_dist$p.values$emp_reas_fire
##                                 below 2020 median income
## below 2020 median income                              NA
## at or above 2020 median income                        NA
## below 2020 poverty line                               NA
##                                 at or above 2020 median income
## below 2020 median income                                    NA
## at or above 2020 median income                              NA
## below 2020 poverty line                                     NA
##                                 below 2020 poverty line
## below 2020 median income                             NA
## at or above 2020 median income                       NA
## below 2020 poverty line                              NA
```

```
cat("Only the plot for emp_reas_laid by gen has\n at least one statistically significant result")
```

```
## Only the plot for emp_reas_laid by gen has
##  at least one statistically significant result
```