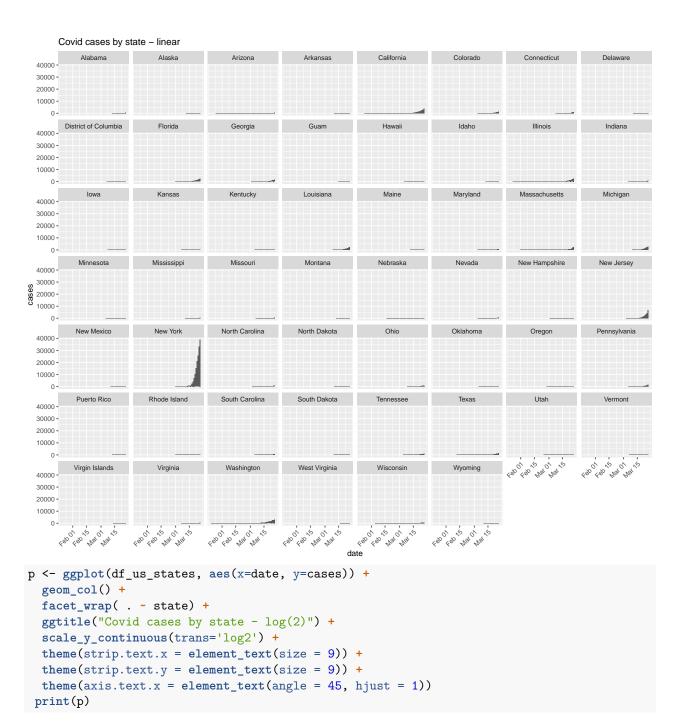
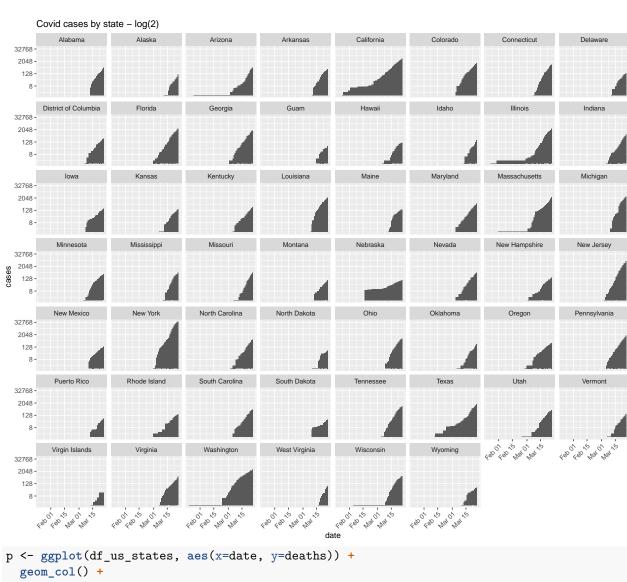
## quick-analysis by state and WA county



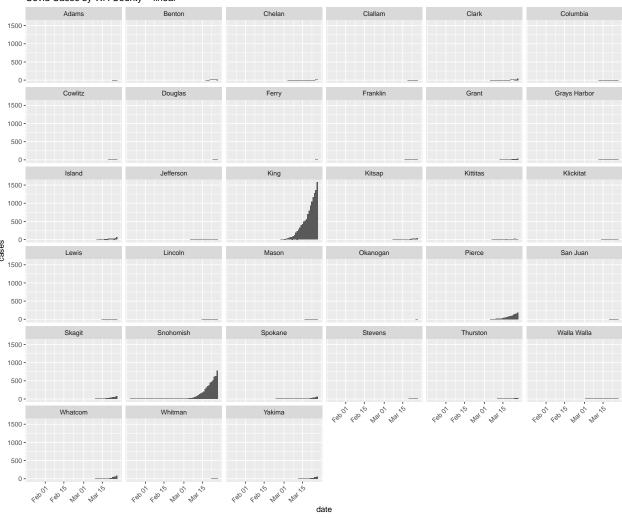


```
p <- ggplot(df_us_states, aes(x=date, y=deaths)) +
  geom_col() +
  facet_wrap( . ~ state) +
  ggtitle("Covid Deaths by state - linear") +
  theme(strip.text.x = element_text(size = 9)) +
  theme(strip.text.y = element_text(size = 9)) +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
  print(p)</pre>
```



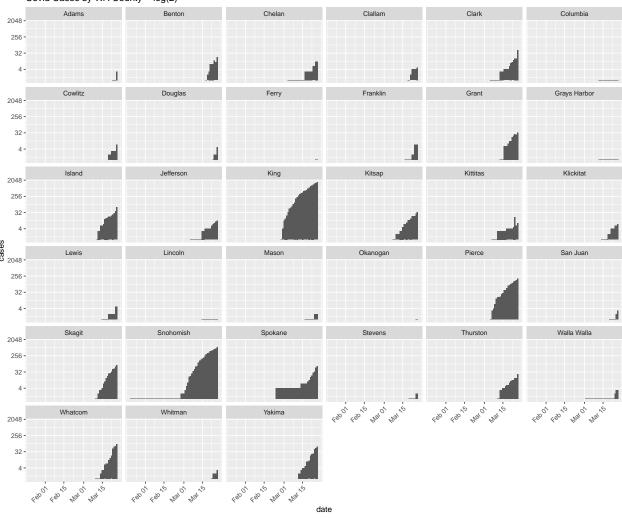






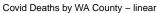
```
p <- ggplot(df_wa_counties, aes(x=date, y=cases)) +
  geom_col() +
  facet_wrap( . ~ county) +
  ggtitle("Covid Cases by WA County - log(2)") +
  scale_y_continuous(trans='log2') +
  theme(strip.text.x = element_text(size = 9)) +
  theme(strip.text.y = element_text(size = 9)) +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
  print(p)</pre>
```

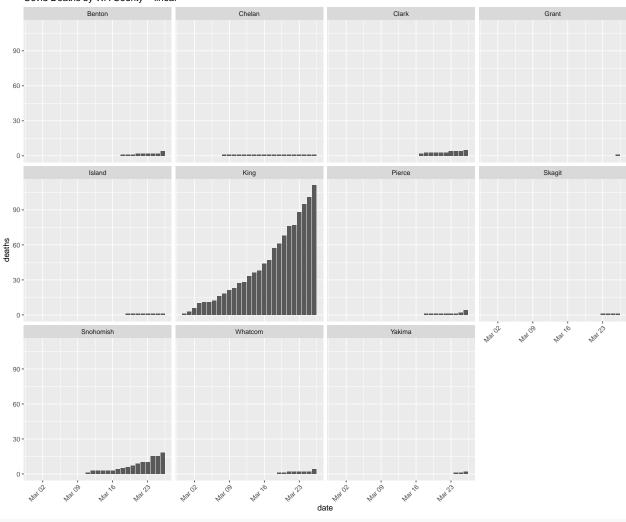




```
df_wa_counties_with_deaths <- df_wa_counties %>%
  filter(deaths > 0)

p <- ggplot(df_wa_counties_with_deaths, aes(x=date, y=deaths)) +
  geom_col() +
  facet_wrap( . ~ county) +
  ggtitle("Covid Deaths by WA County - linear") +
  theme(strip.text.x = element_text(size = 9)) +
  theme(strip.text.y = element_text(size = 9)) +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
  print(p)</pre>
```





```
p <- ggplot(df_wa_counties_with_deaths, aes(x=date, y=deaths)) +
    geom_col() +
    facet_wrap( . ~ county) +
    ggtitle("Covid Deaths by WA County - log(2)") +
    scale_y_continuous(trans='log2') +
    theme(plot.title = element_text(size=12)) +
    theme(strip.text.x = element_text(size = 9)) +
    theme(strip.text.y = element_text(size = 9)) +
    theme(axis.text.x = element_text(angle = 45, hjust = 1))
    print(p)</pre>
```

