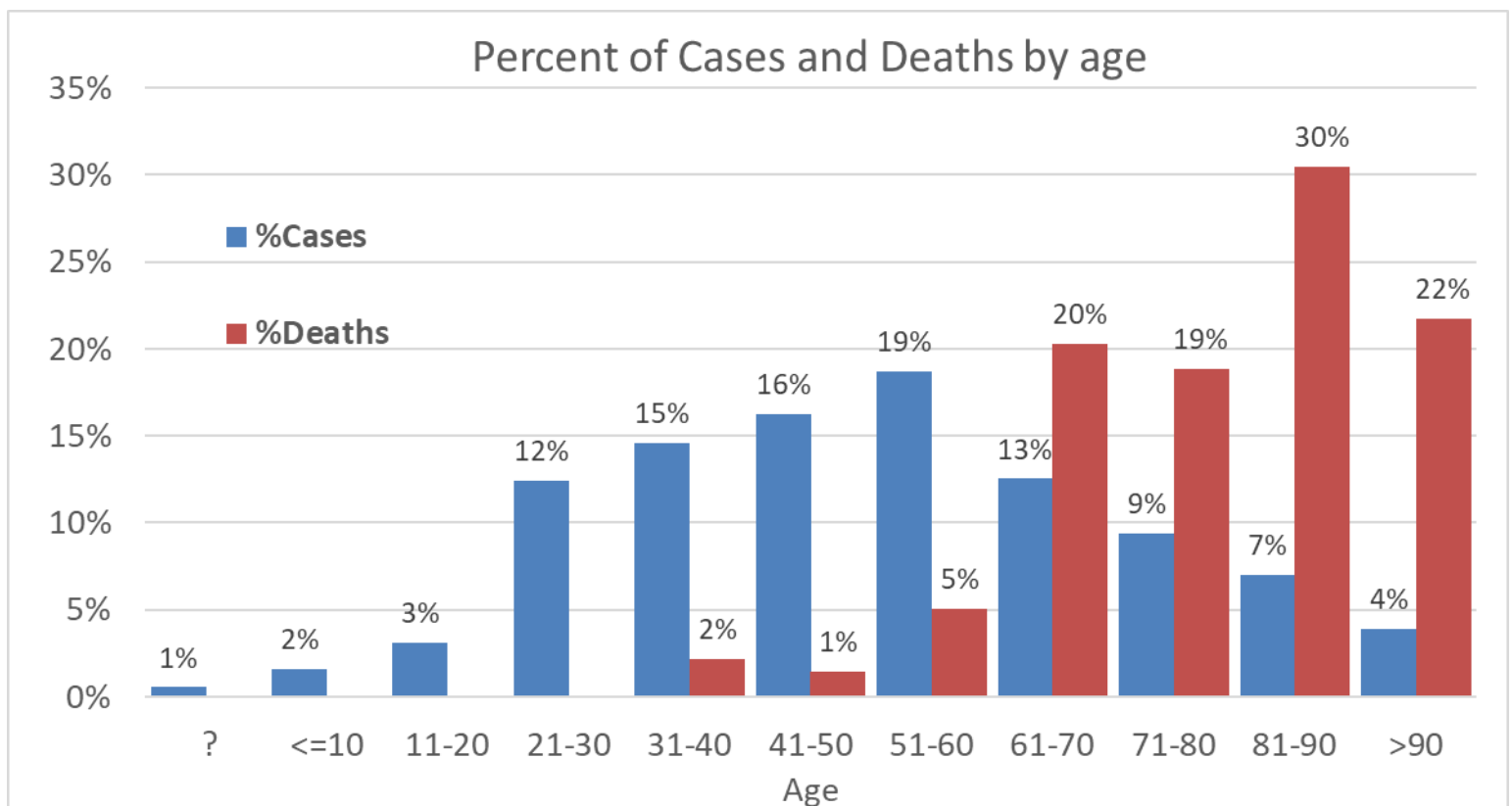
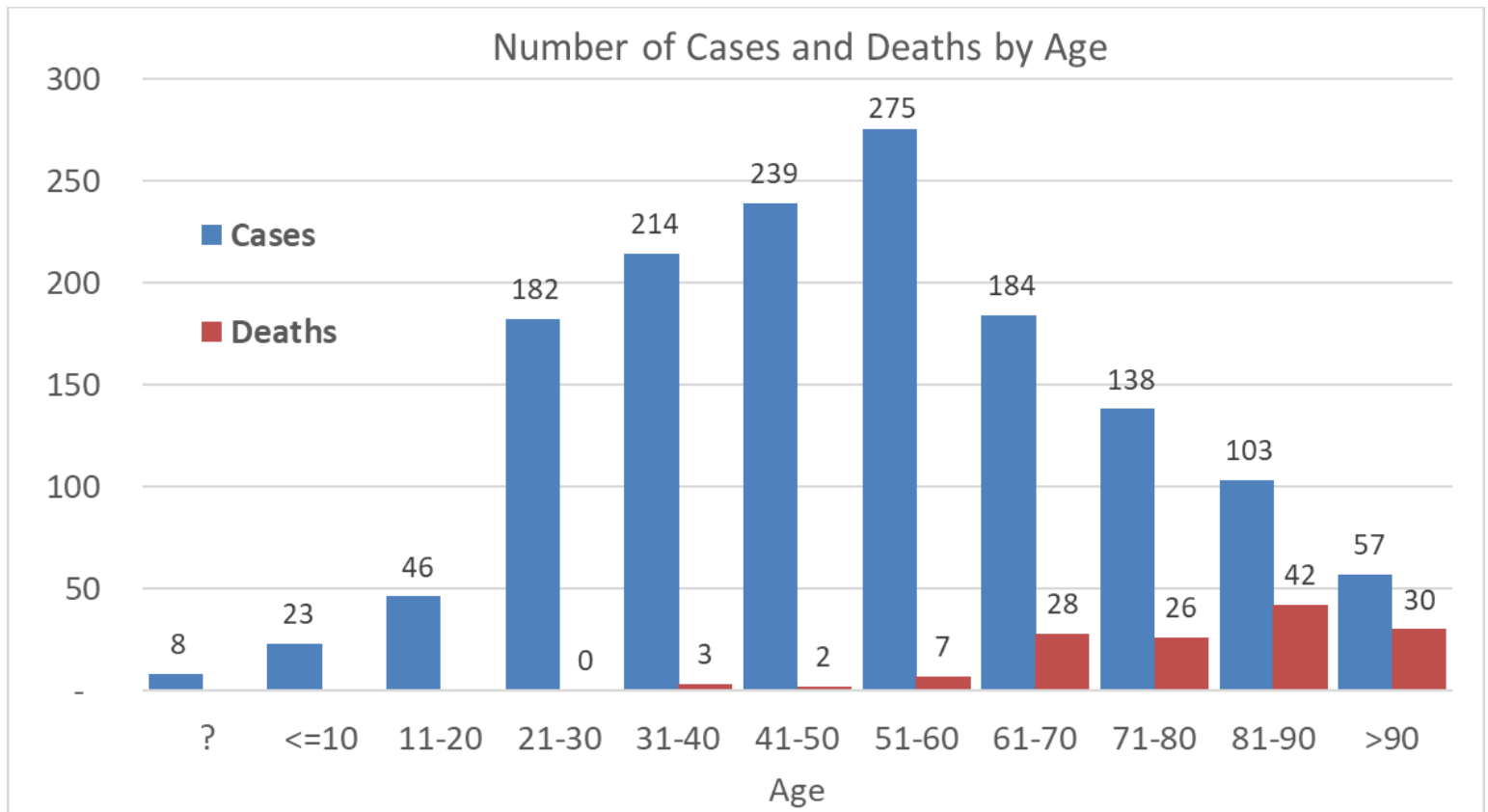


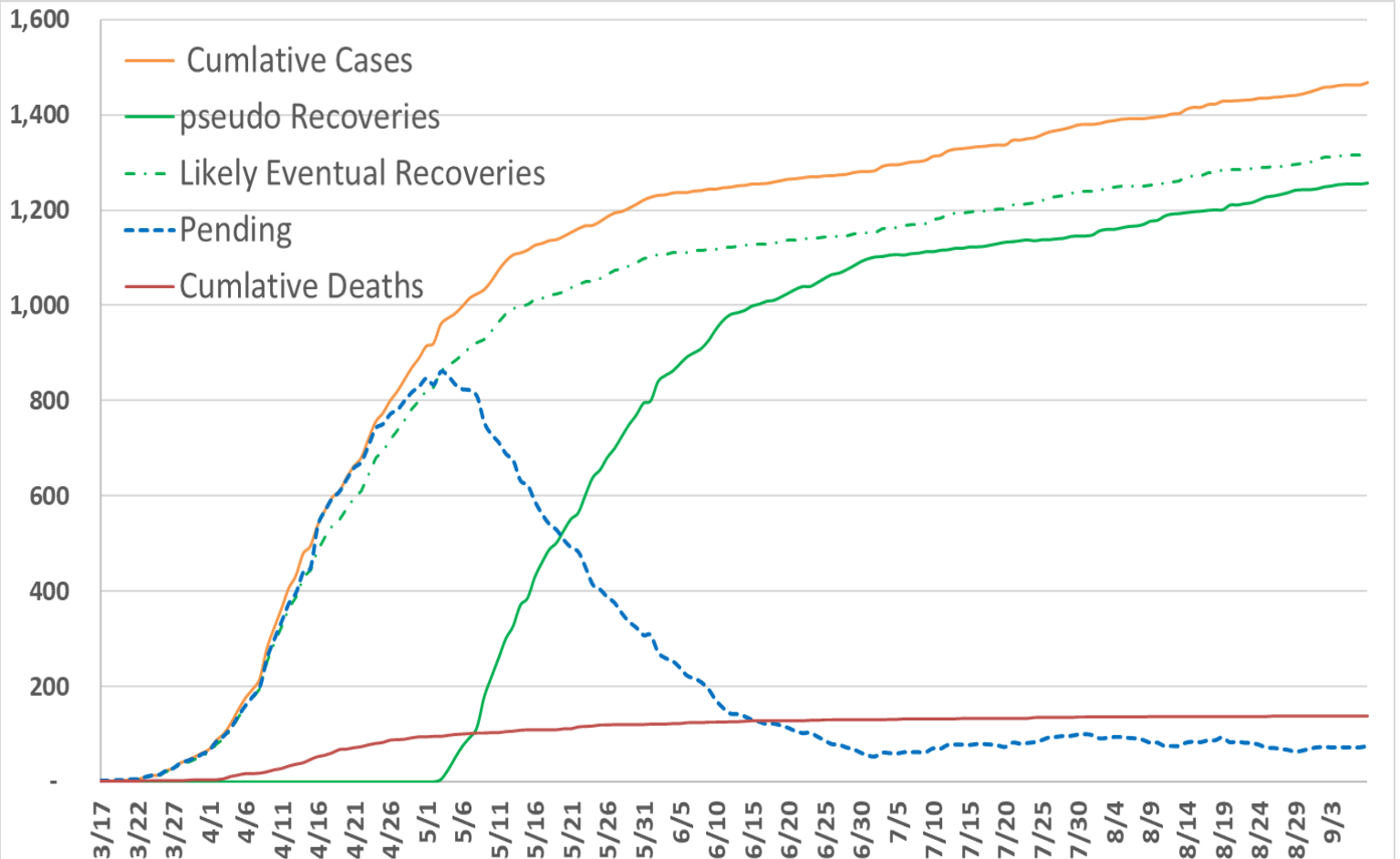
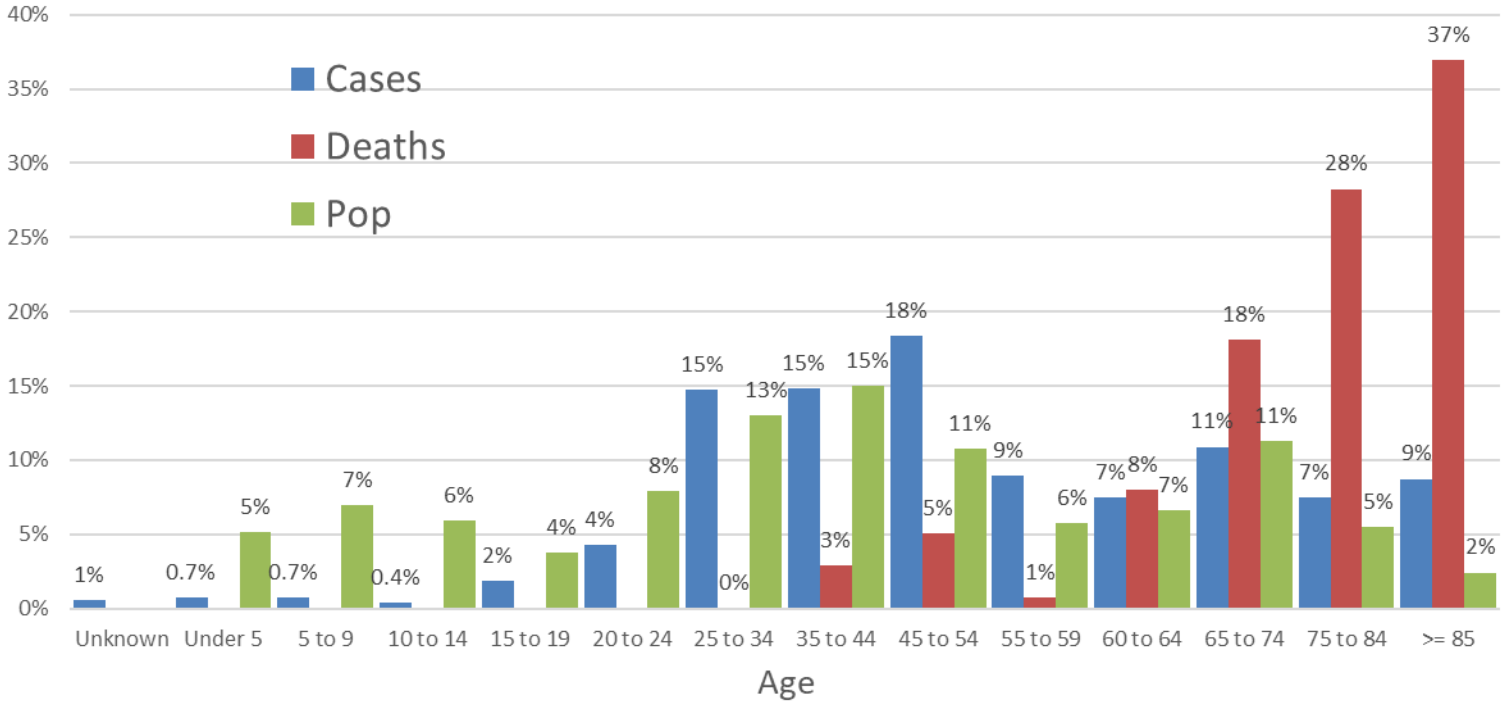
Franklin Dashboard (9/6)

Comments at the end

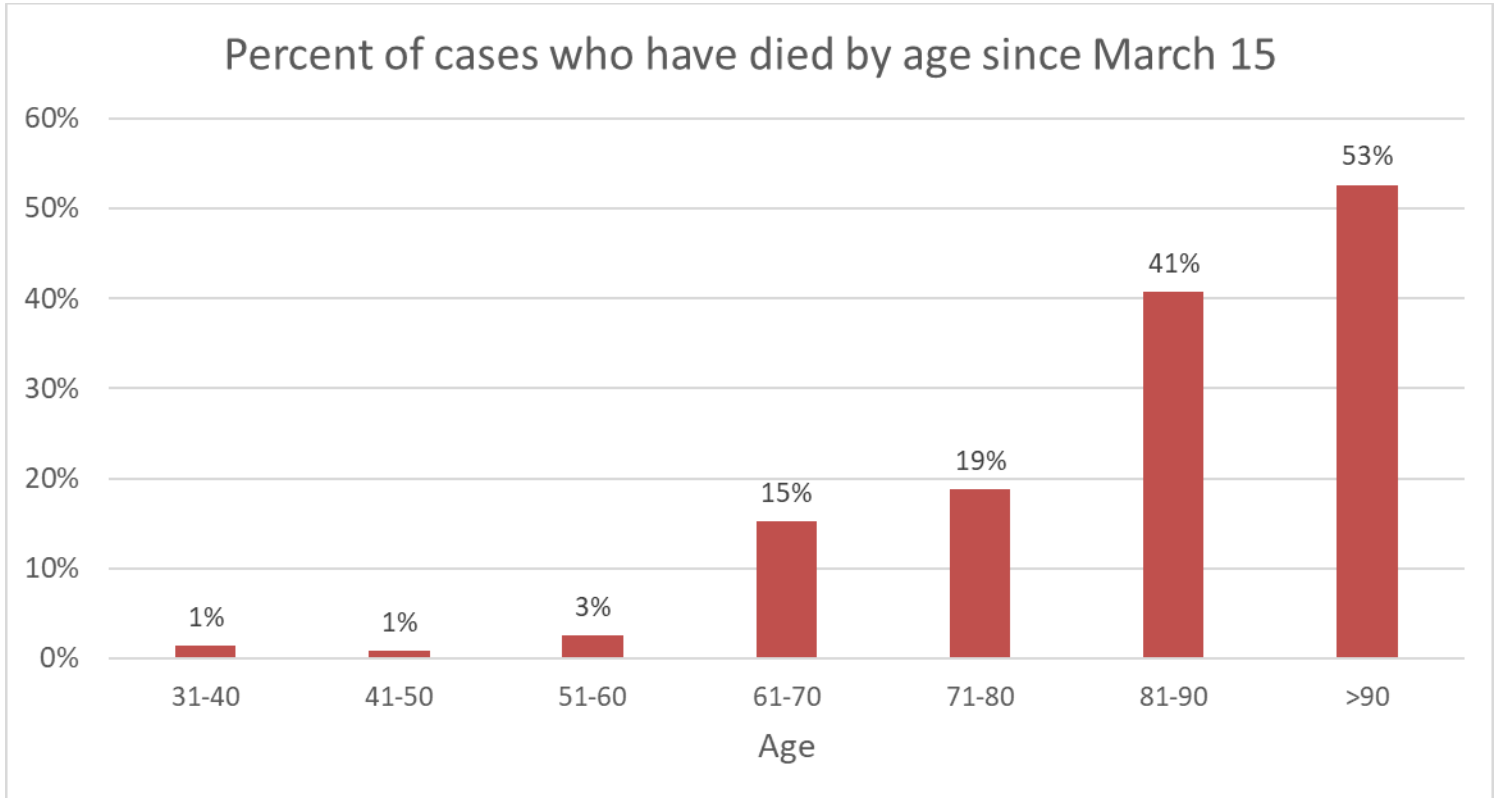
At one point I would post the graphs daily. As the cases slowed down, I decided to do it less frequently. I had some time to update the so here they are. Graphs are for Franklin unless indicated.



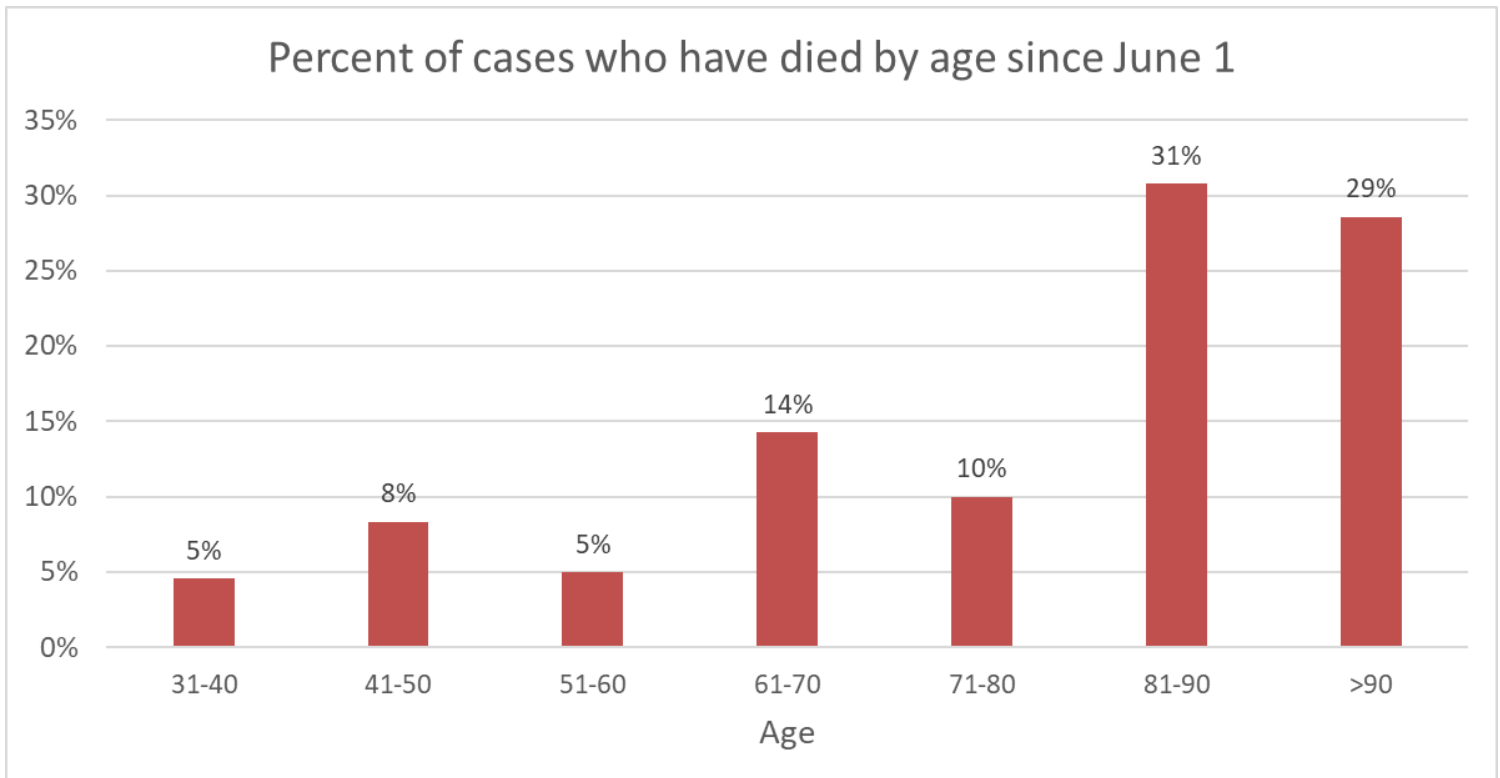
Percent Cases, Deaths and Population by Age

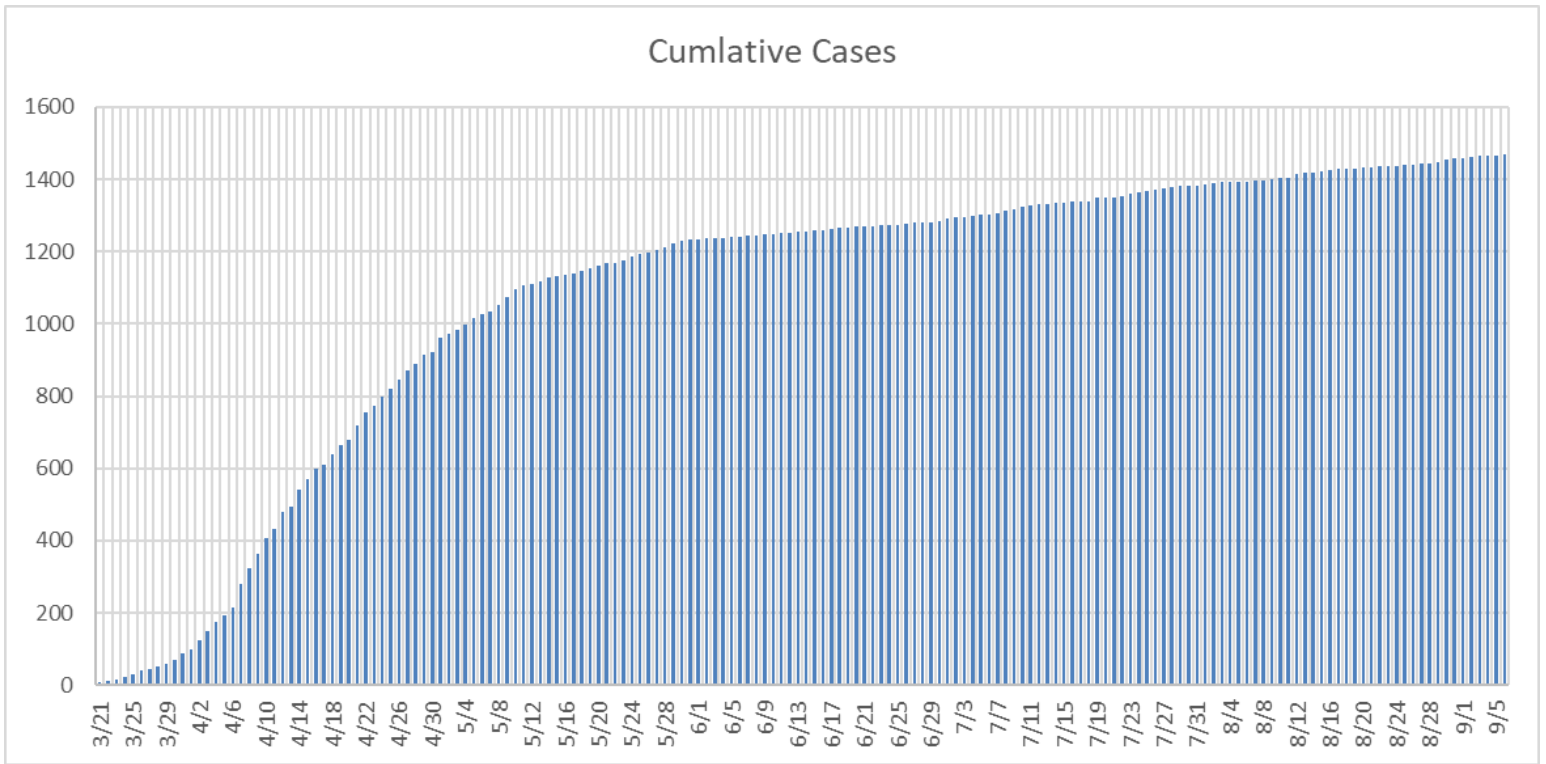
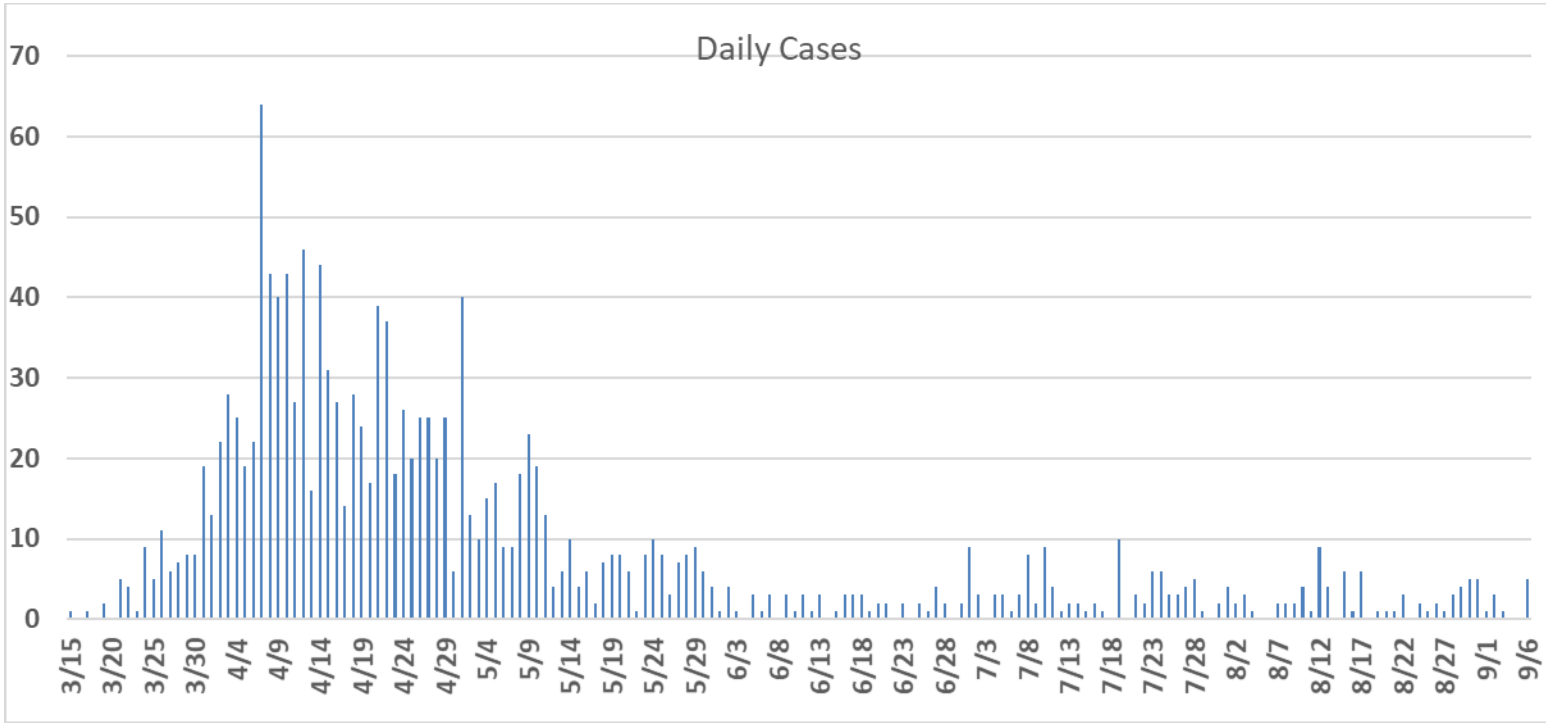


Likely hood of someone from specified age groups dying if infected. The first case was on March 15th.



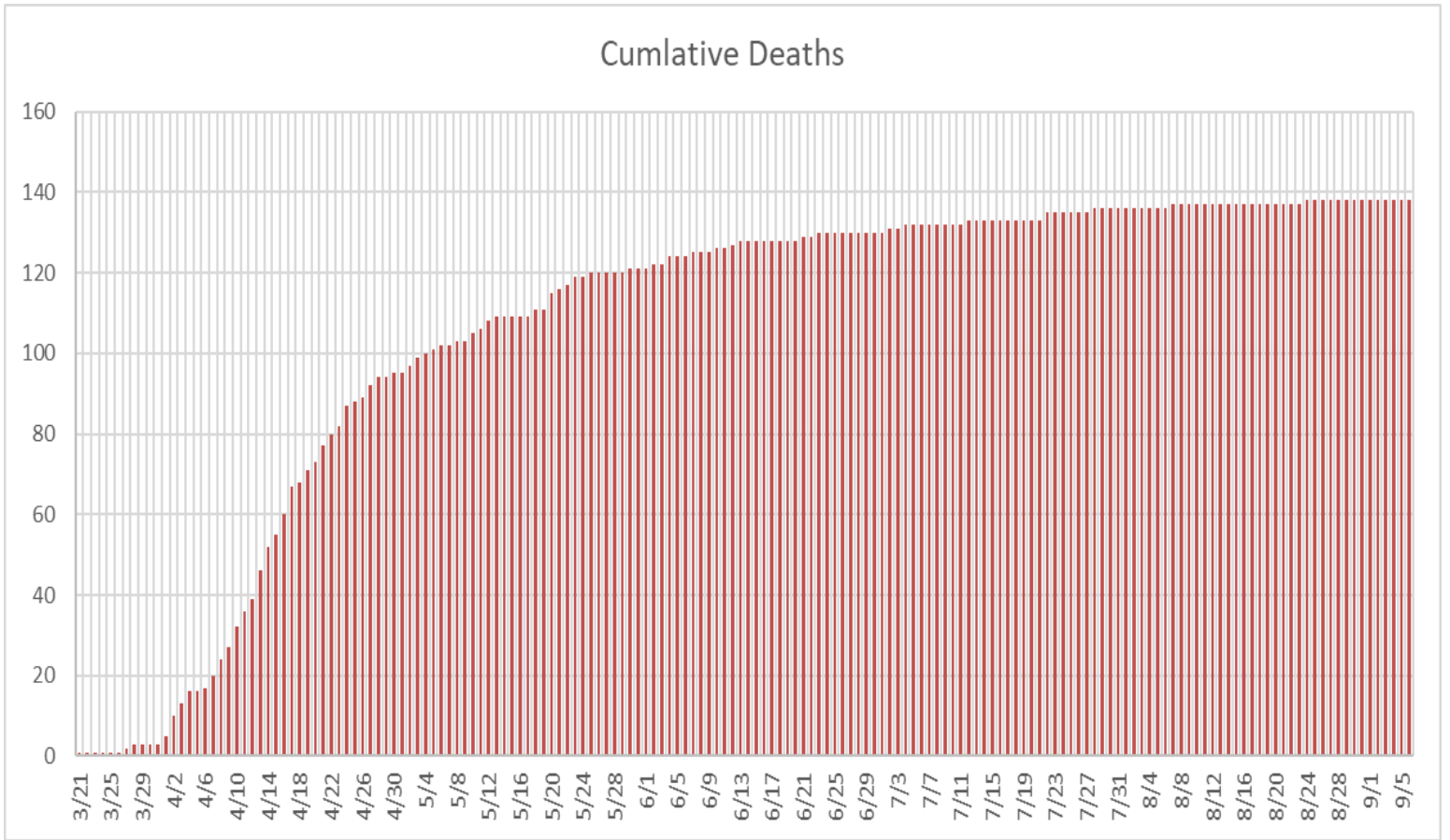
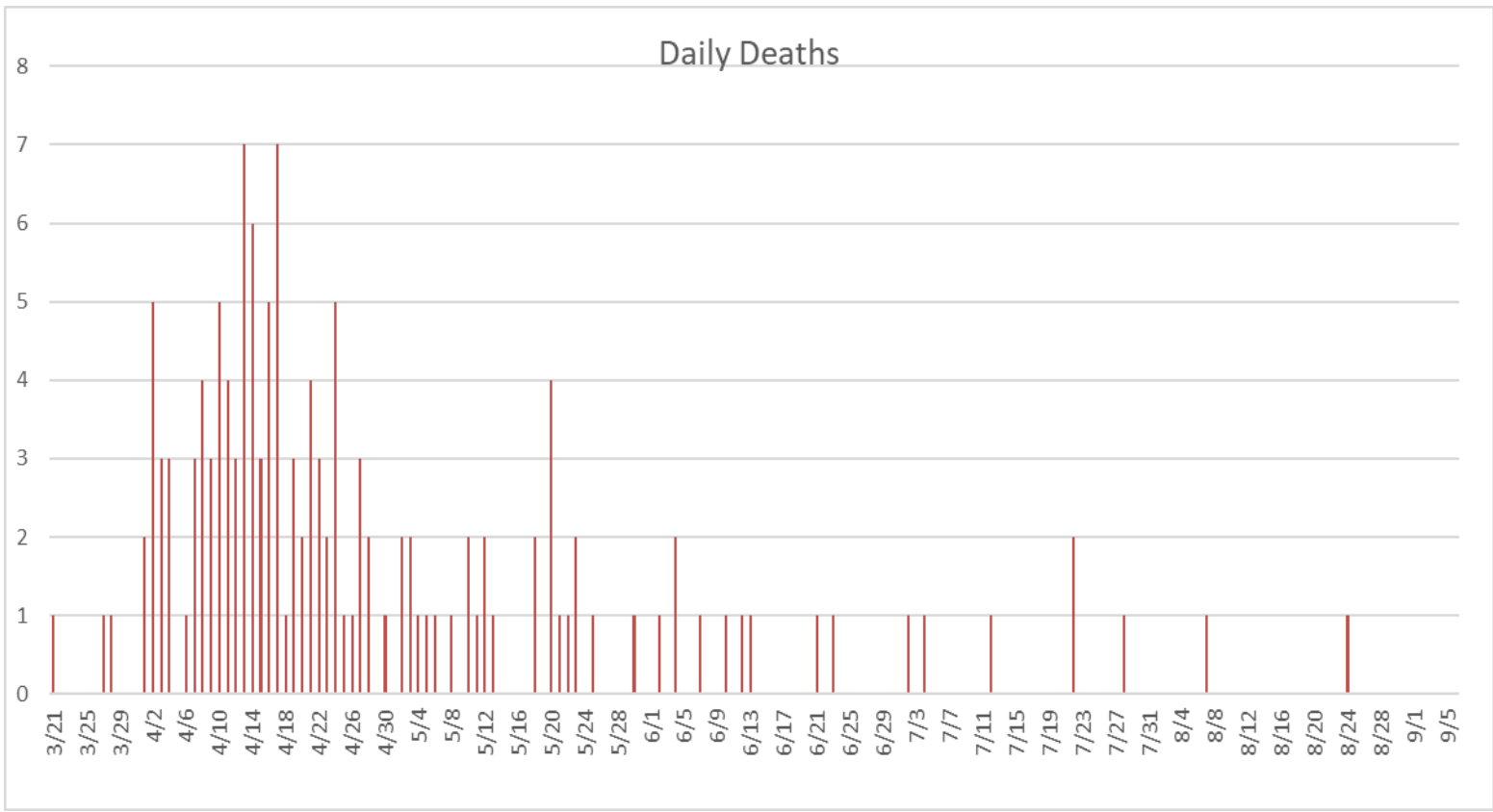
Some shift away from seniors lately.



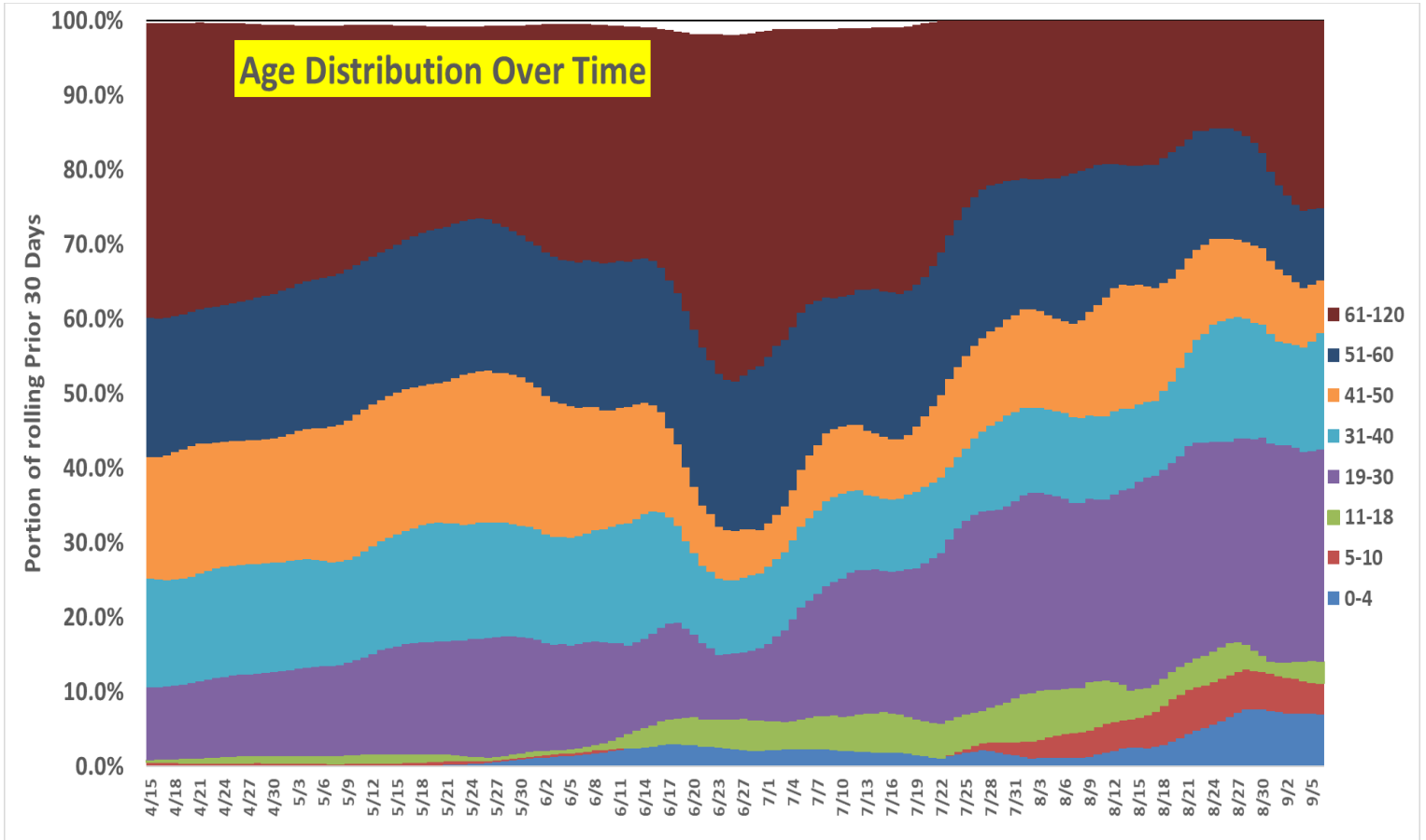


A total of 16 Zero/Zero days since peak.

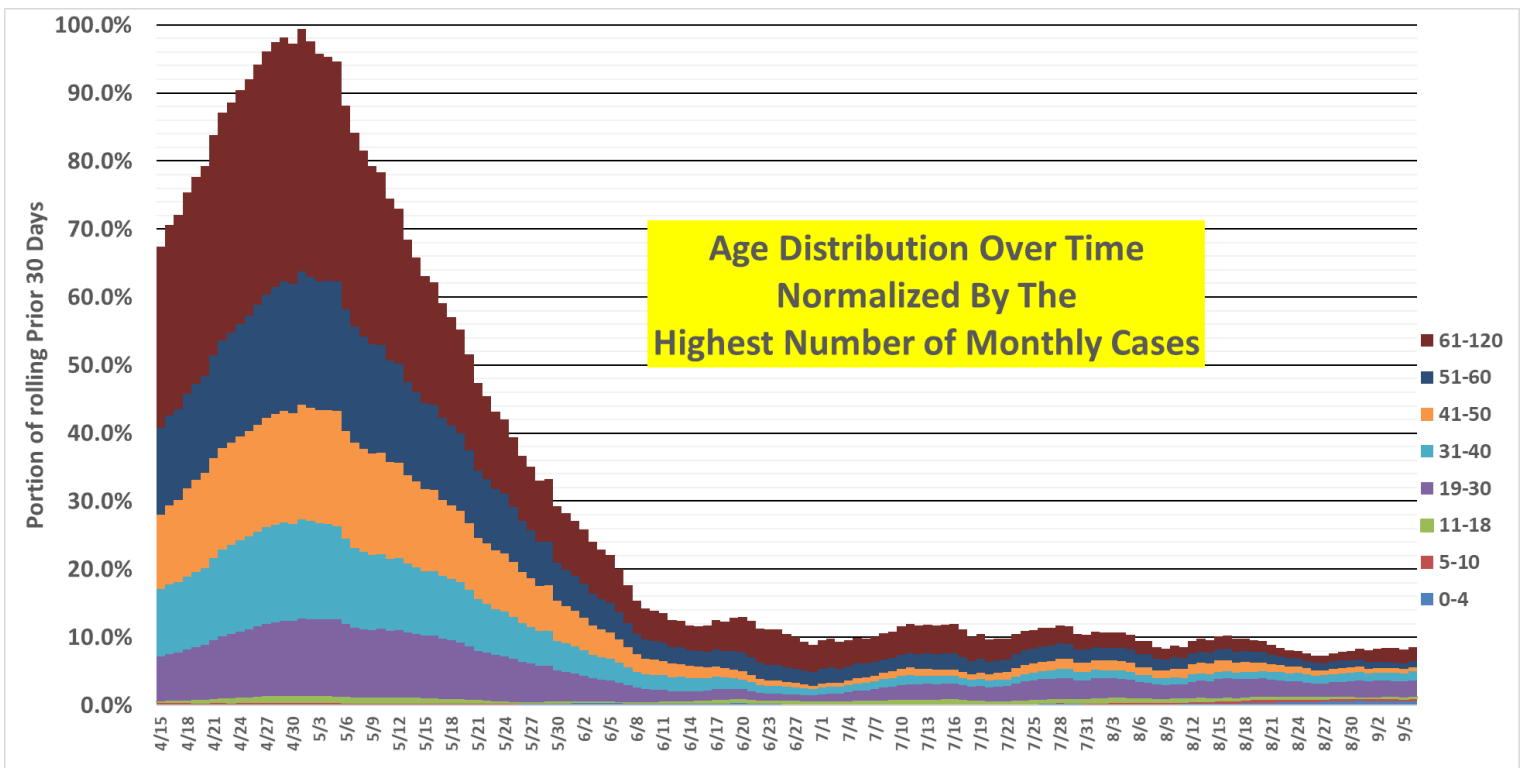




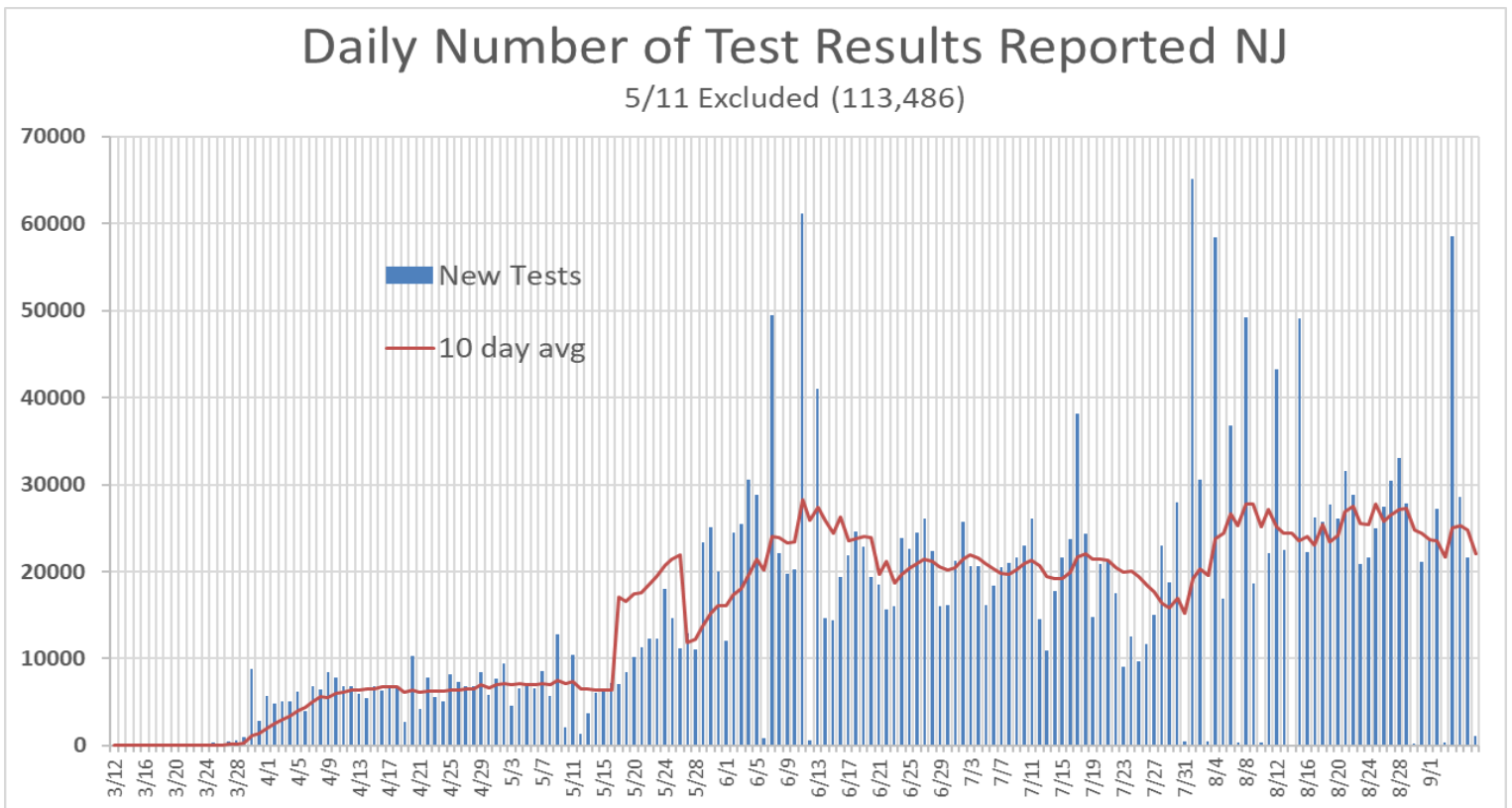
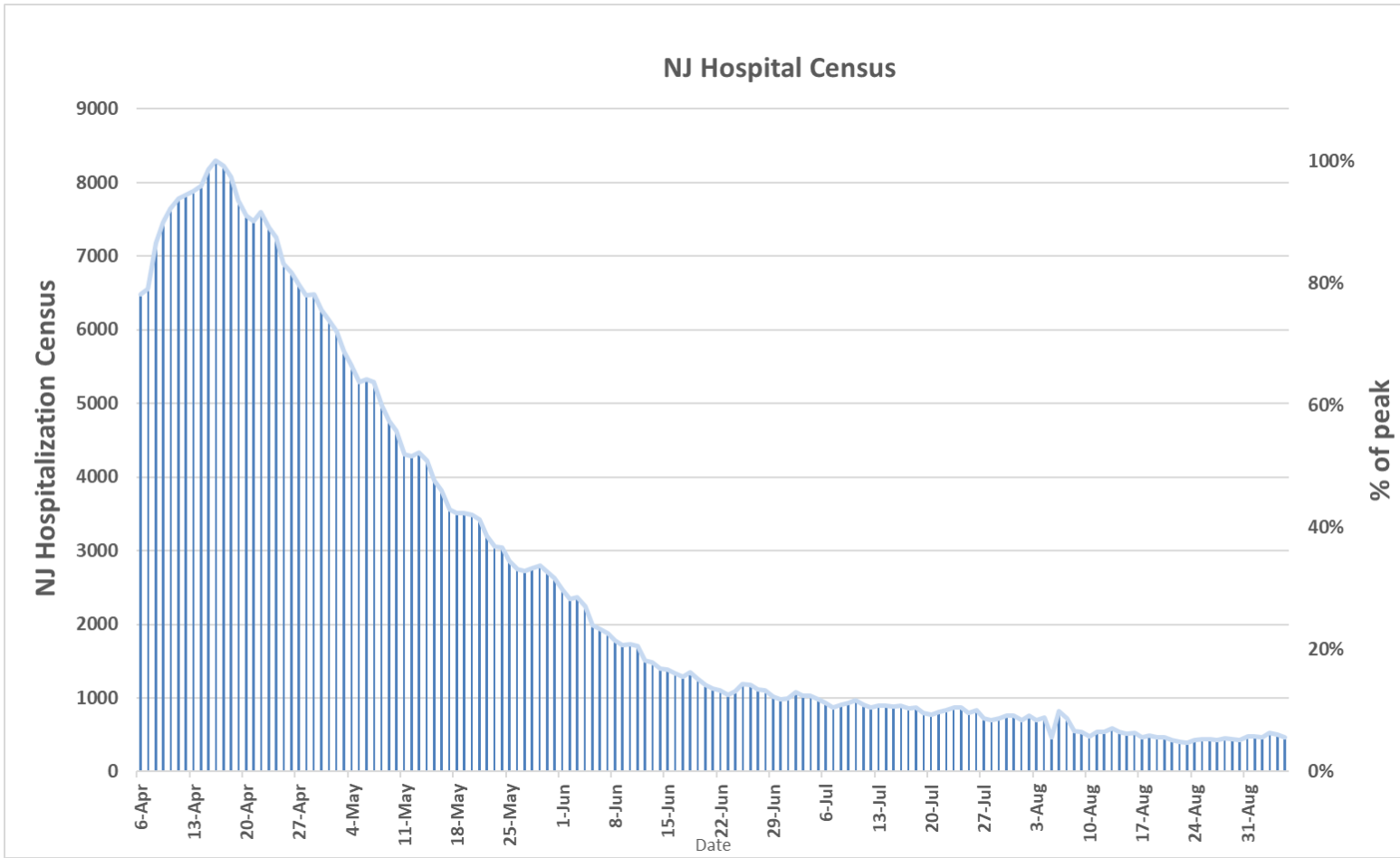
A look over time (30 day look back) of what percentage by age group are testing positive PCR.



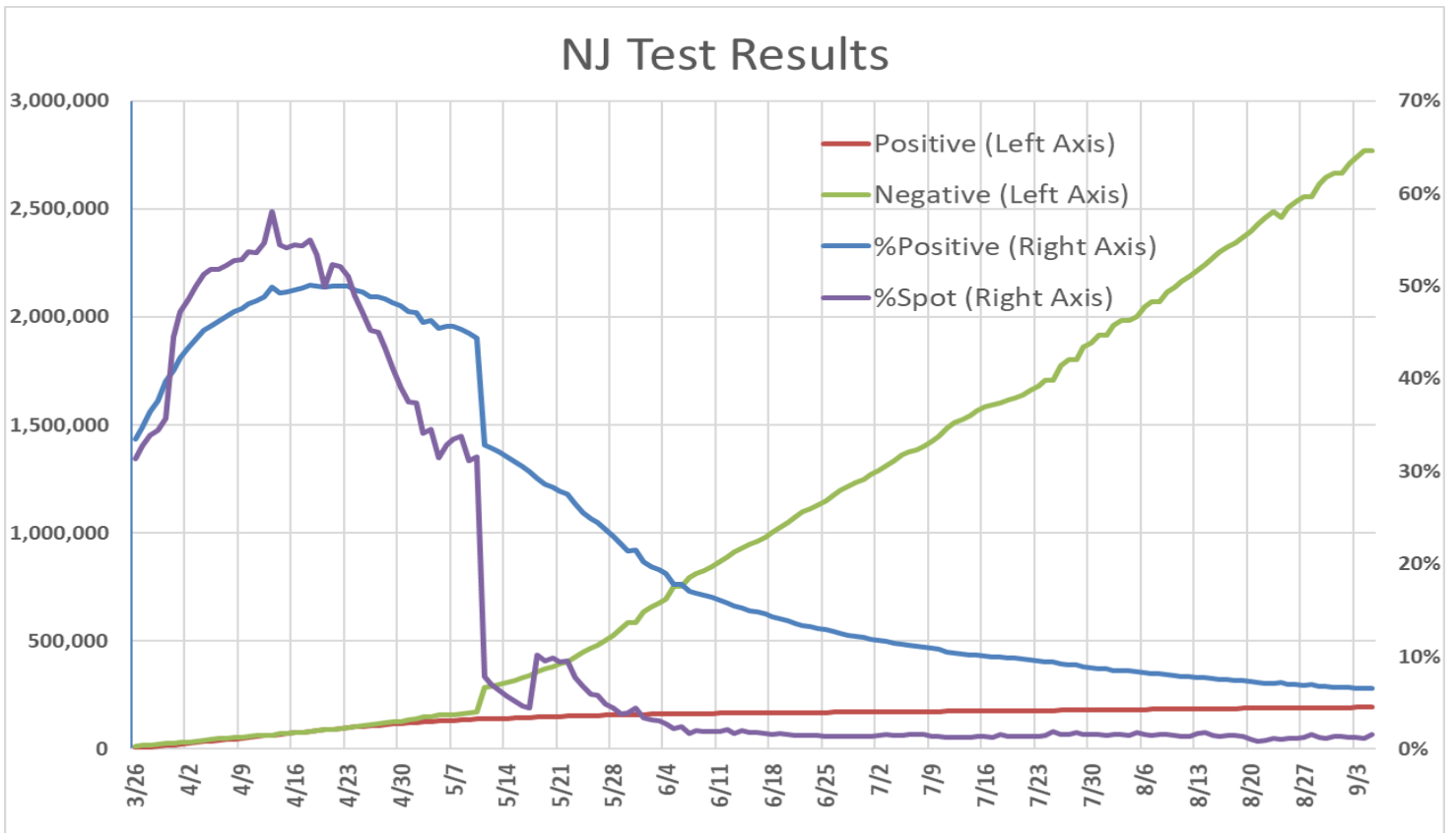
This graph is the same as above but normalized by the peak number of cases. It puts the percentages in perspective.



NJ Numbers



NJ Test Results



Post testing positivity is 1.3%

So we are in a good place but here are my concerns. I have spoken about [Rt](#) in the [past](#). It is the reproduction rate. It is the number of people an infected person is expected to infect. Right now, the state [publishes](#) an R_t of 1.03. R_t greater than 1 causes the infection to grow. So, we are right on the edge. R_t is hard to calculate. I get an R_t of 1.16 and [Rt live](#) says 1.12.

Below is a table of the effect of R_t . Opening schools, indoor dining and Labor Day will all tend to drive R_t up. The following is what would happen if we were to realize a particular R_t . I don't know how much R_t will go up by these measures, so this is not a prediction. It is a signpost to look out for. For instance, currently NJ is averaging 350 new infections a day. If the R_t were to jump to 1.15 then in early October we'd see 600 (612 actually) new infections a day.

		R_t	1.03	1.15	1.25	
Days	Date	Period	Daily infections			Init
0	9/6/2020	0	350	350	350	Cases/
7	9/15/2020	1	361	403	438	Cases Per Period Over Time
14	9/22/2020	2	371	463	547	
21	9/29/2020	3	382	532	684	
28	10/6/2020	4	394	612	854	
35	10/13/2020	5	406	704	1,068	
42	10/20/2020	6	418	810	1,335	
49	10/27/2020	7	430	931	1,669	

Please be careful. This is not a time to take things for granted.