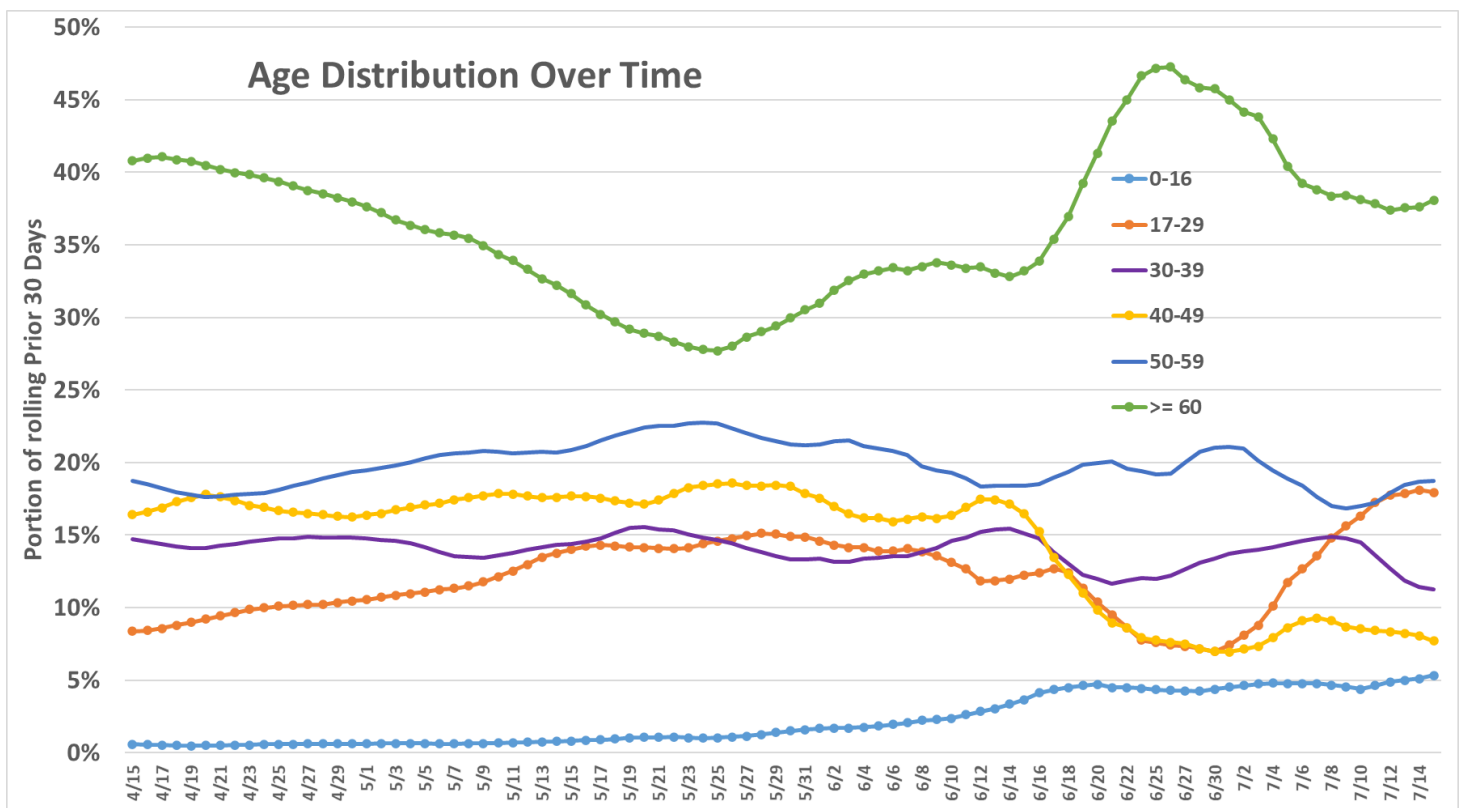


Distribution of Ages of People with Positive Test Results Over Time

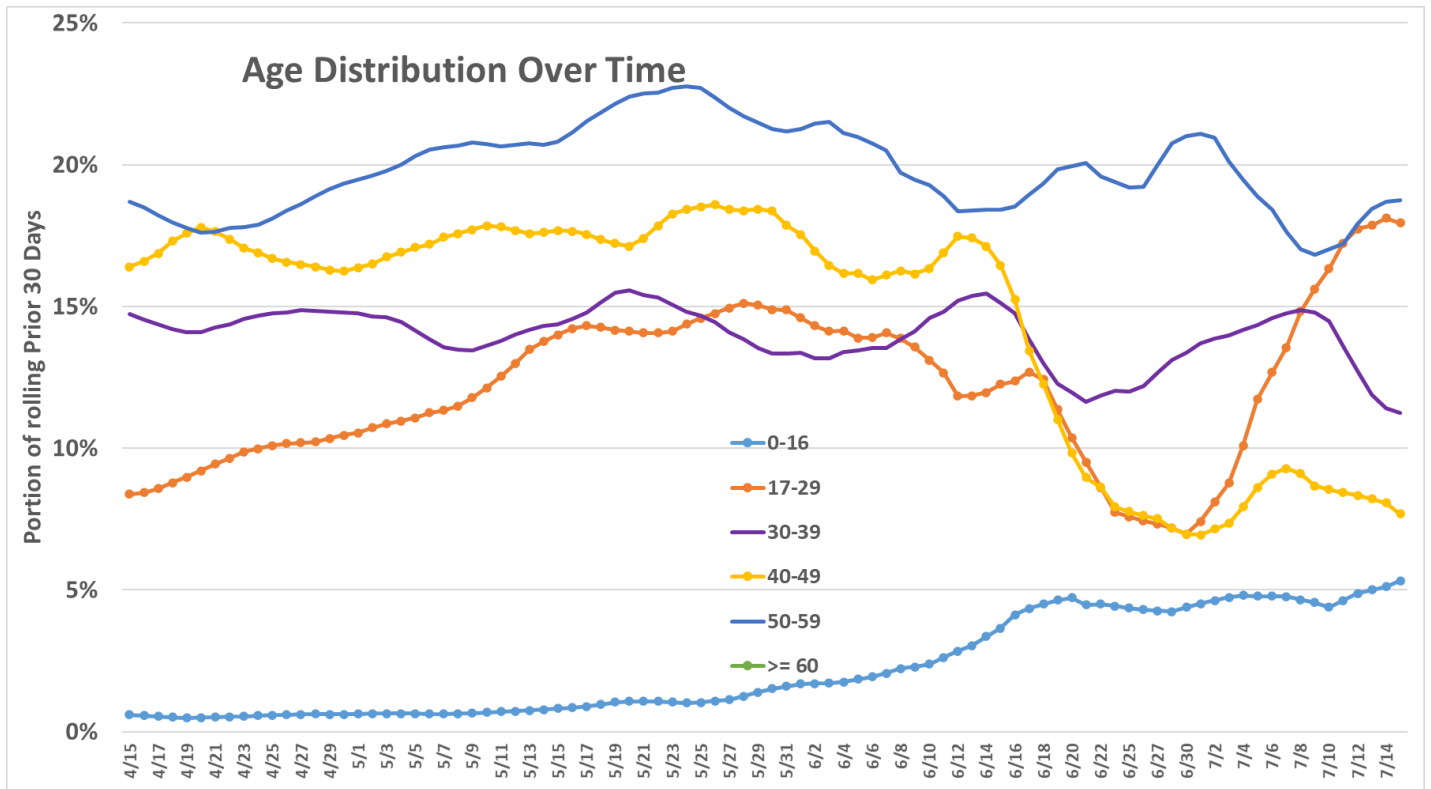
I've been looking at this for some time, trying to work out the best way to analyze it. While looking at the ages it seemed younger people were getting positive test scores. The news is presenting it that way for the nation, so I want to look at Franklin.

It took me a few days to figure the best way to present the data. I settled on this. Below are graphs of the portion of those who have positive test score who belong to the various age ranges. The number of cases and the number of positives in each age group are looked at over the last rolling 30 days. So every point represents the sum of cases for each age group over the prior 30 days divided by the total number of positive results for all ages. The first case was on March 15th so I will start on April 15th. It is then smoothed over 5 days.



In the first graph we see clearly the largest single group is people over 60. There are many possible reasons. Of course, always look at methodology first. I'm lumping several decades into one group. Another problem is this is not a random sample. The number maybe higher because people over 60 are more likely to have symptoms and are more worried about getting COVID so they may be getting tested more often. It is interesting that it has oscillated.

To look at the other age groups I'll zoom the graph in to the lower half.



It appears 50-59 year olds have oscillated a little but have stayed at about 20%. With a lot of oscillation 30-39 year olds have decreased slightly. Bravo to the 40-49 year olds, going from about 17% down to 7%.

The big news is with those under 30 which I divided into 0-16 (can't drive) and 17-29 (can drive). The younger group went from 1% to 5%. School, virtual as it was, let out June 23rd. Most of the increase had already happened so that's not the cause.

The 17-29 group oscillated but started at 8% and now is 18%. A 125% increase.

Together 0-29 year olds started at 9% and went to 23%, a 150% increase.

Masks, Masks, Masks