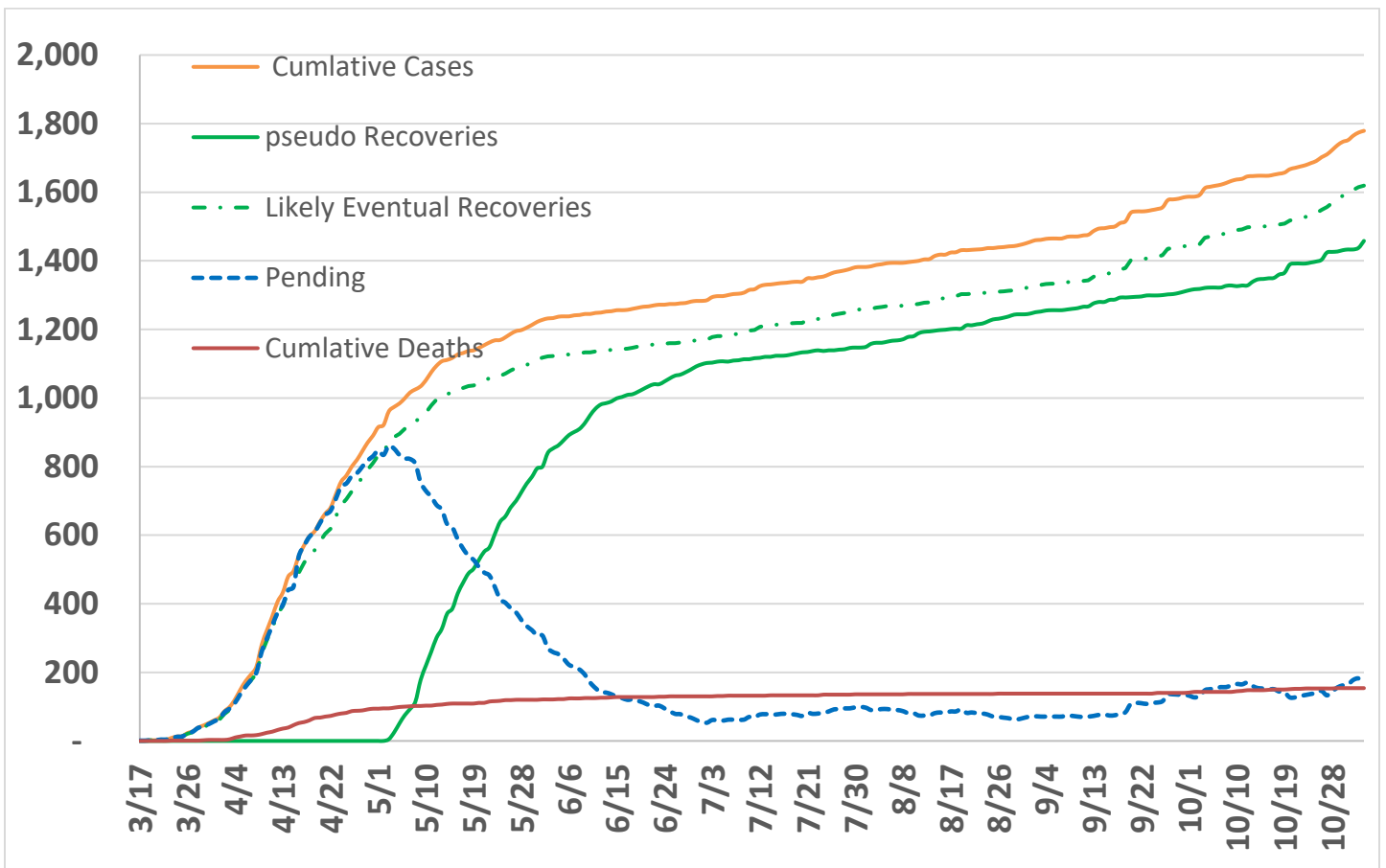


Today's Cases (11/1/20)

New cases 5
Total cases 1779

New deaths 0
Total deaths 154

31 year old with a reported date of 10/31/2020
73 year old with a reported date of 10/31/2020
38 year old with a reported date of 10/31/2020
29 year old with a reported date of 10/31/2020
64 year old with a reported date of 10/31/2020



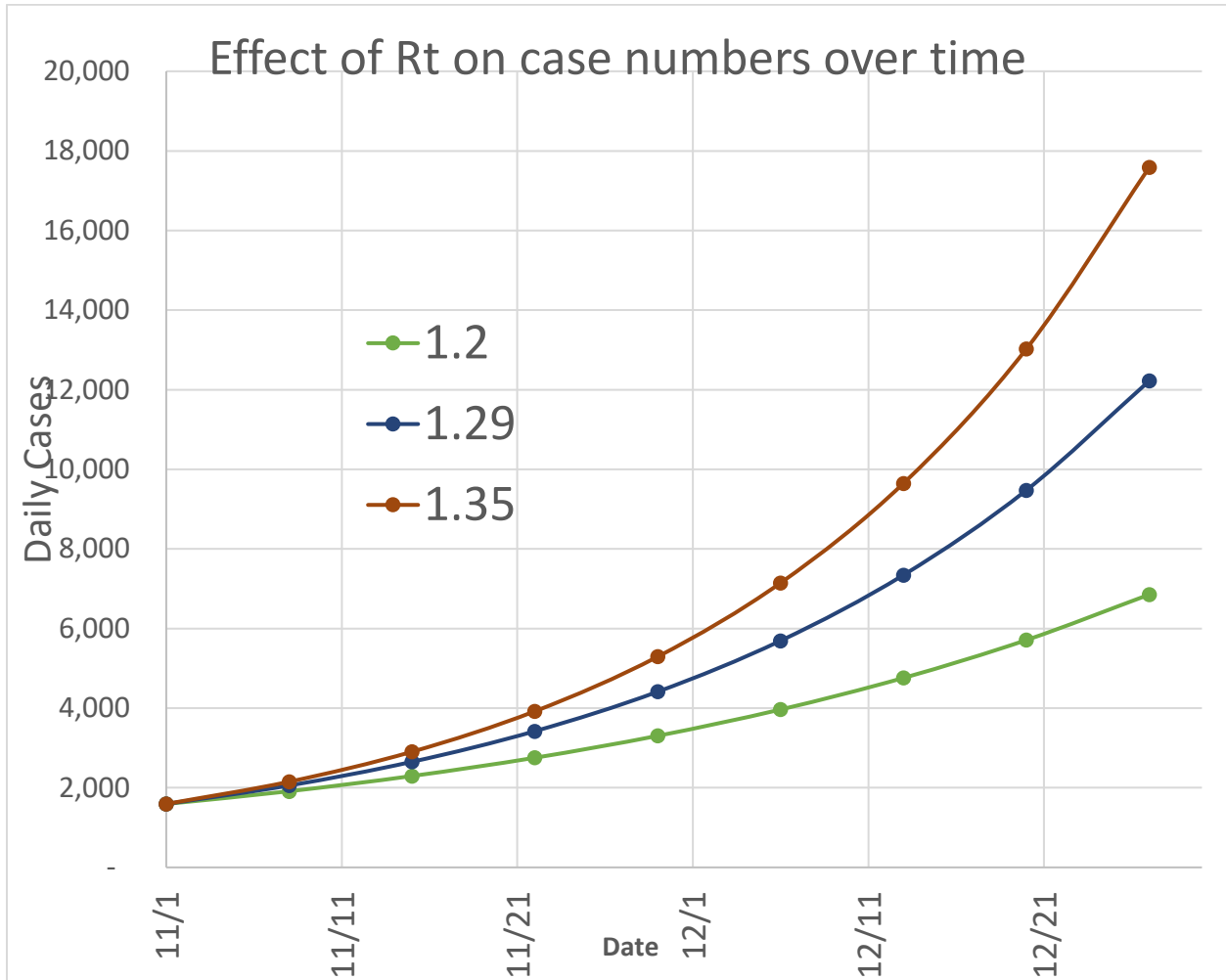
Pseudo Recoveries – People who are still alive 30 days after testing positive. This could include “long haulers.”

Pending – those still alive but less than 30 days since testing positive.

Likely Eventual recoveries – $(1 - \text{deaths/cases}) * \text{Cases}$

More Rt Calculations

The State is now indicating a rate of transmission (Rt) of 1.29. So on average each person who is infected will infect 1.29 other people. Given that the running average for NJ over the past seven days is 1594 a day, here is the math if nothing changes.



This indicates if nothing changes in the rate of infection NJ will have 12,000 new cases a day by the end of the year. To put that into context, the max so far was 4287 on 4/14/2020. When the numbers get that big other issues start to matter. By that I mean you can't infect someone who is currently infected (not talking herd immunity).

Somerset County's Rt is likely a little lower than the state's.

Data - https://www.nj.gov/health/cd/topics/covid2019_dashboard.shtml