COVID-19 Report to Select Board

9/23/2020

Testing

of Total PCR tests to date (9/21 AM) = 8,607 (including OIH & Sherburne)

PCR tests using Self-pay/Work-pay option (CastNet) = 3,033

Regularly testing 50-100 per day (on average)

Surge numbers are slowly decreasing

Overview

- Large crowds over Labor Day weekend were spreader events
- We had 24 cases in the last 10 days
- 45 cases in the last 20 day

Metrics

Indicator	Measure	Status
1	COVID-19 positive test rate	
2	Number of individuals who died from COVID-19	
3	Number of patients with COVID-19 in hospitals	
4	Healthcare system readiness	
5	Testing capacity	
6	Contact tracing capabilities	

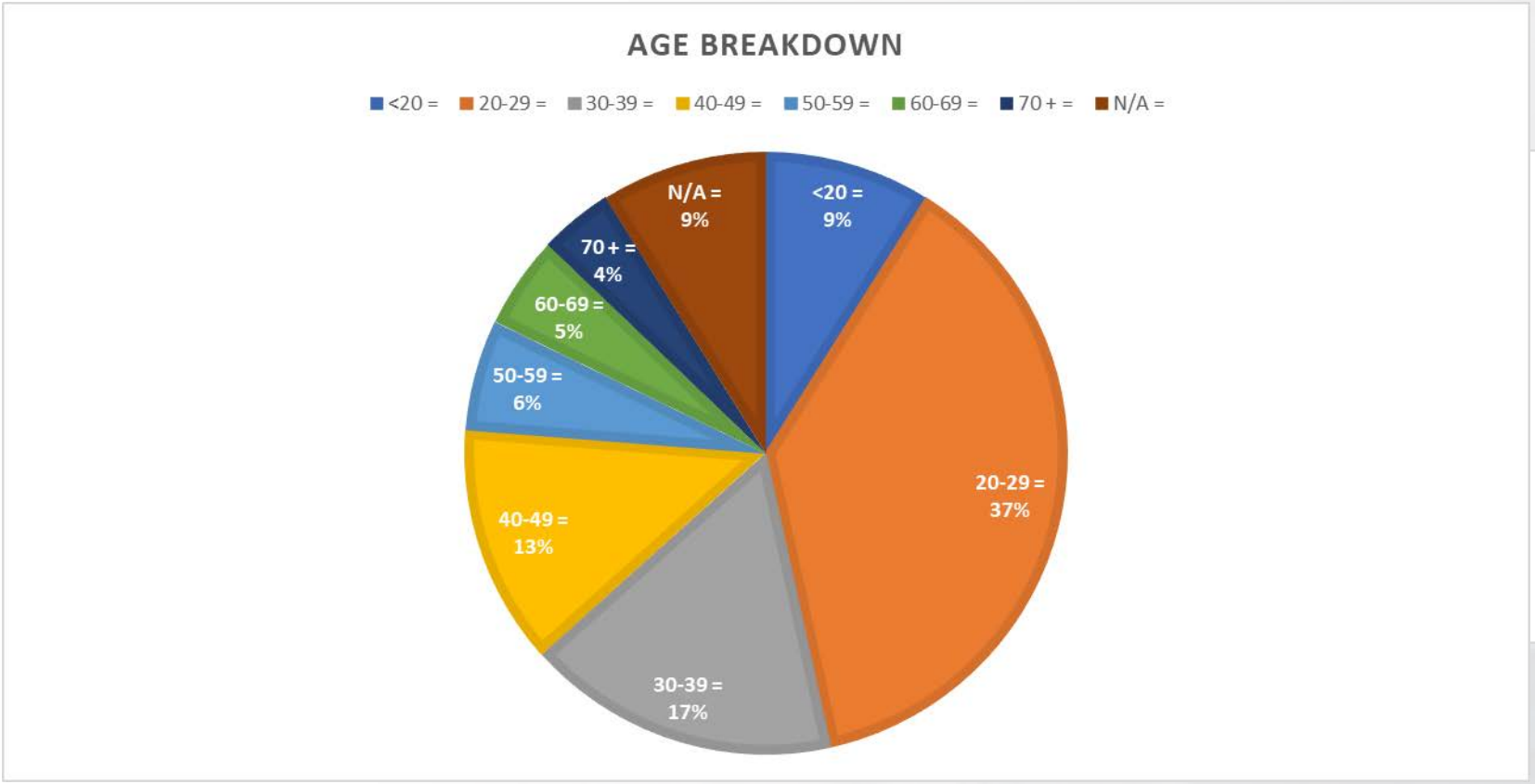
Legend

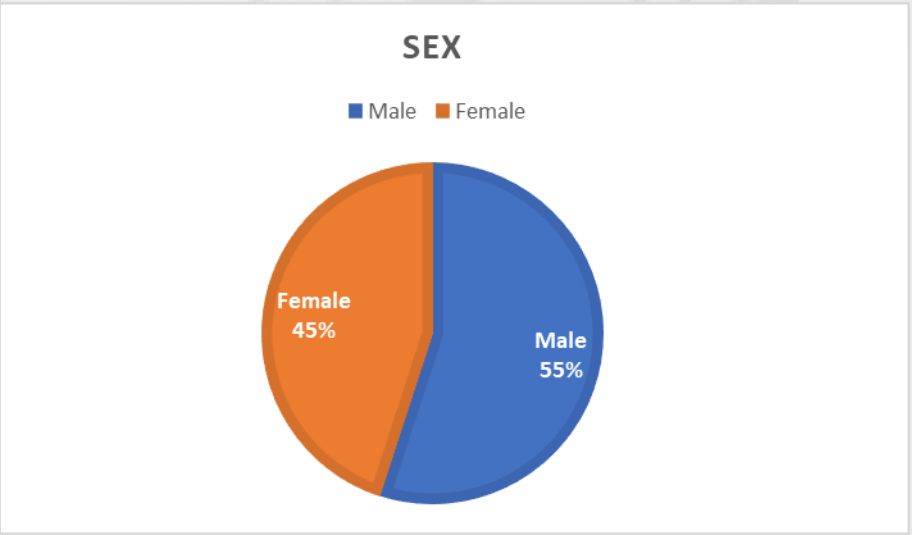
- Positive trend
- In progress
- Negative trend

Metrics (continued)

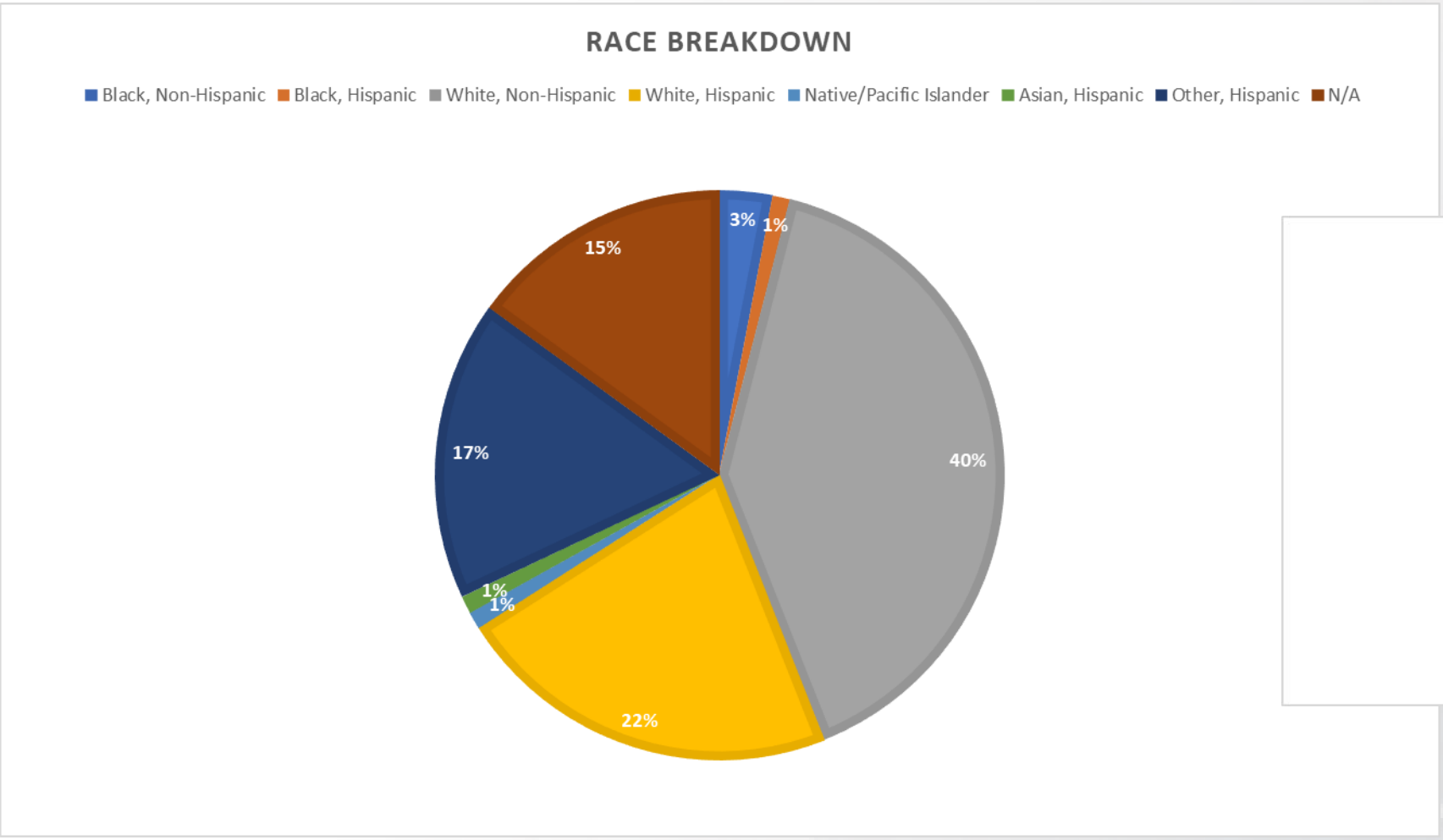
- **COVID-19 positive test rate** – Want to keep this number below 10%. Currently at 1.22% of total (105 out of 8,607). And 0.0% of 9/20 testing (0/32). 1.69% of 7 day average (12 out of 708 tests)
- **Number of individuals who died from COVID-19** – Keep below 5% of cases. Currently 0.95% (1 out of 105) of cases but 0.012% of those tested
- **Number of patients with COVID-19 in hospitals** – Keep below 10. Currently 0
- **Healthcare system readiness** – Qualitative response. Currently “Yes”
- **Testing capacity** – Qualitative. Ability to keep up with demand. Currently, “yes”
- **Contact tracing capabilities** – Qualitative. Ability to keep up with demand. Currently “Yes” but there is difficulty
- **Sewer Predictive Incidence** – Keep below 5%. Monitor for spikes. Currently 0% in Sconset & 0% in Surfside (9/15 sample)

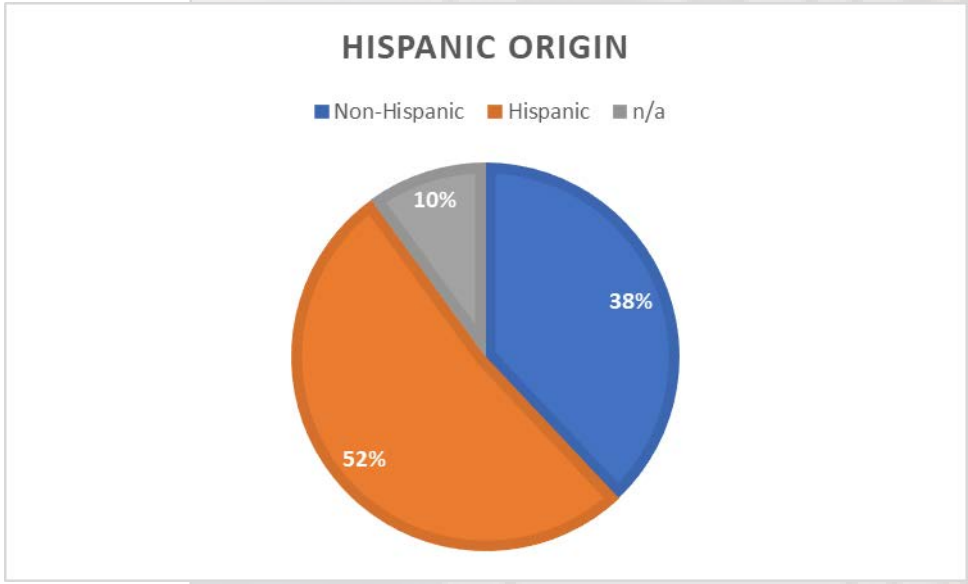
Metrics (continued)



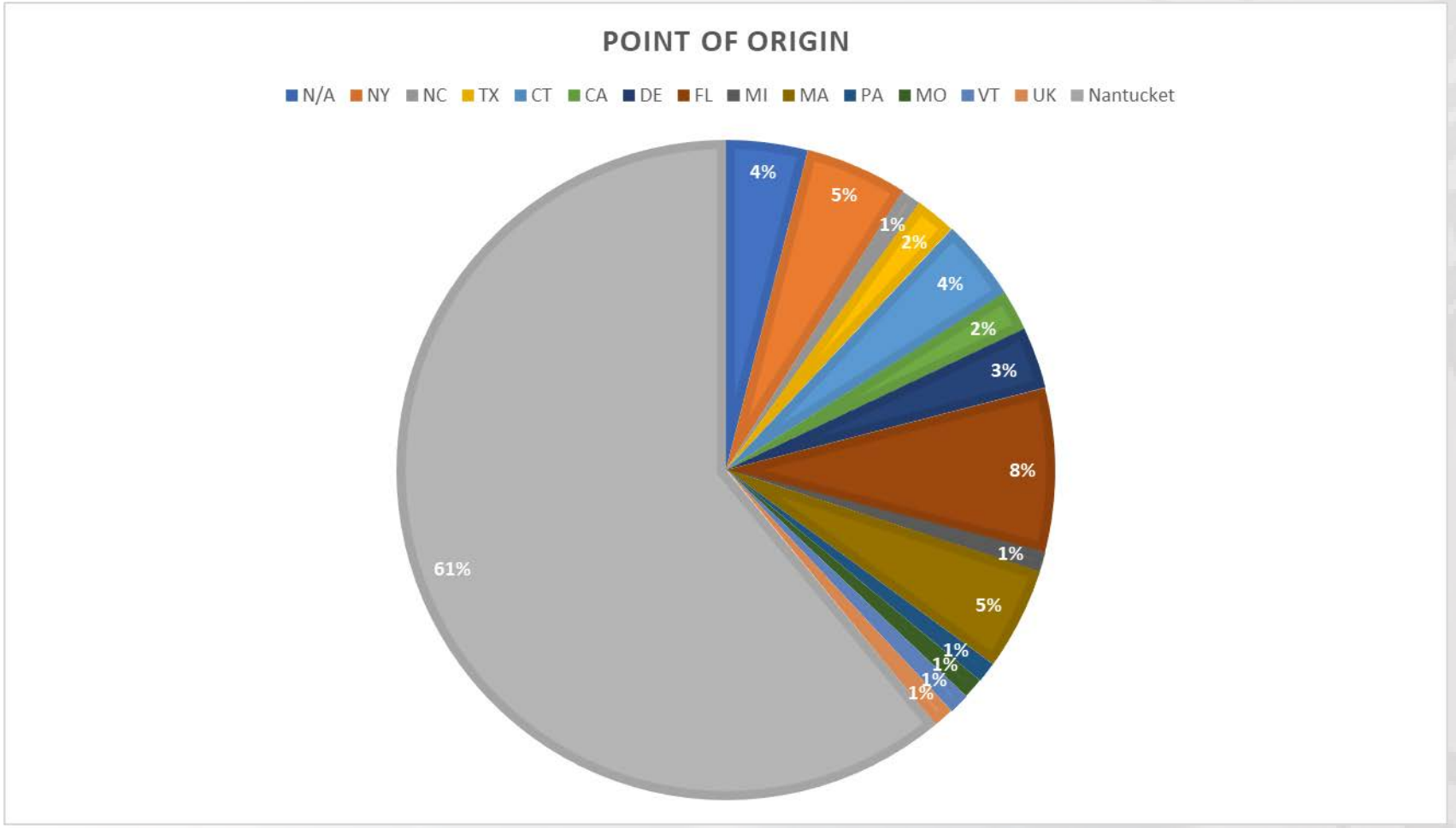


Metrics (continued)

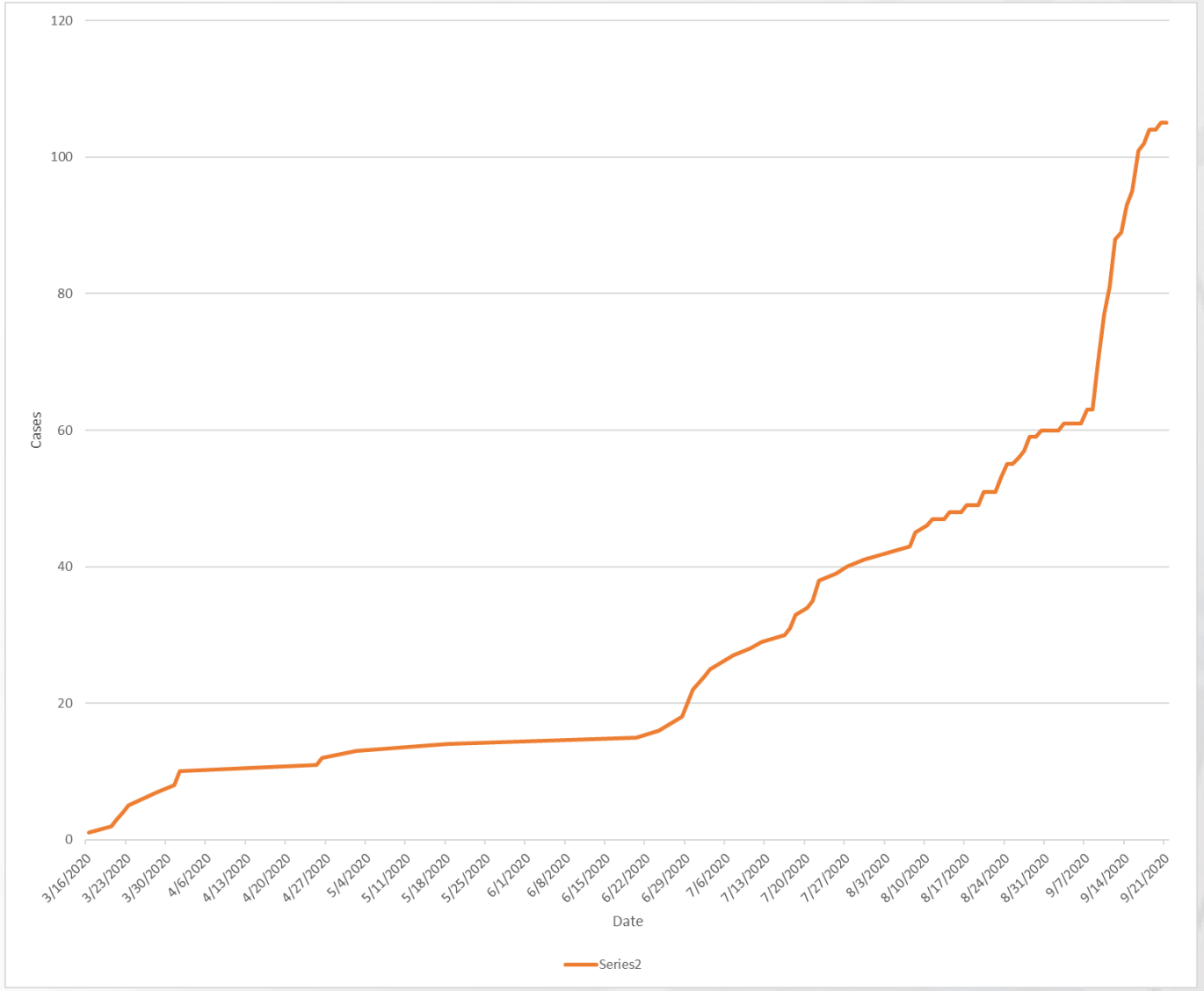




Metrics (continued)



Metrics (continued)



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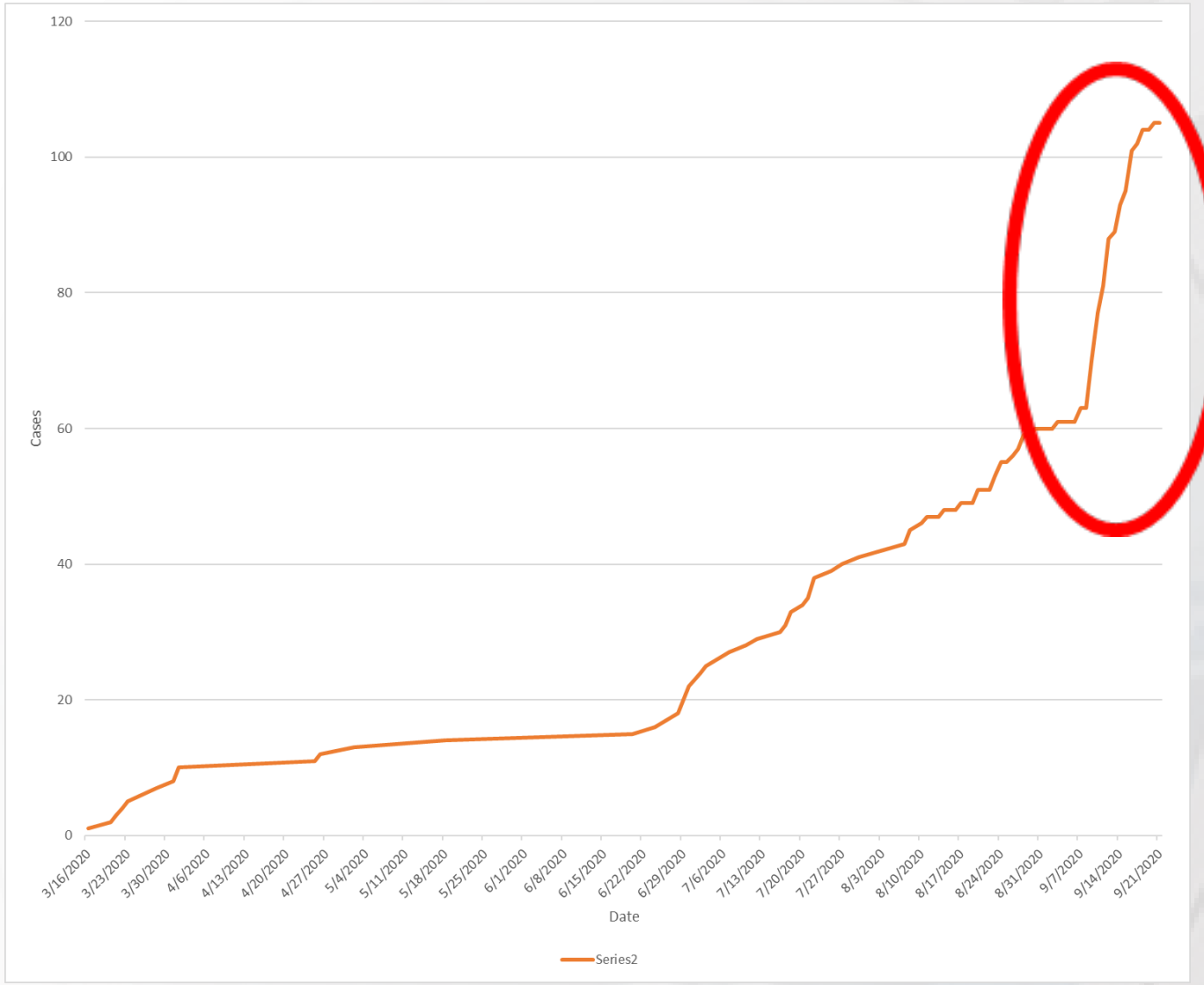
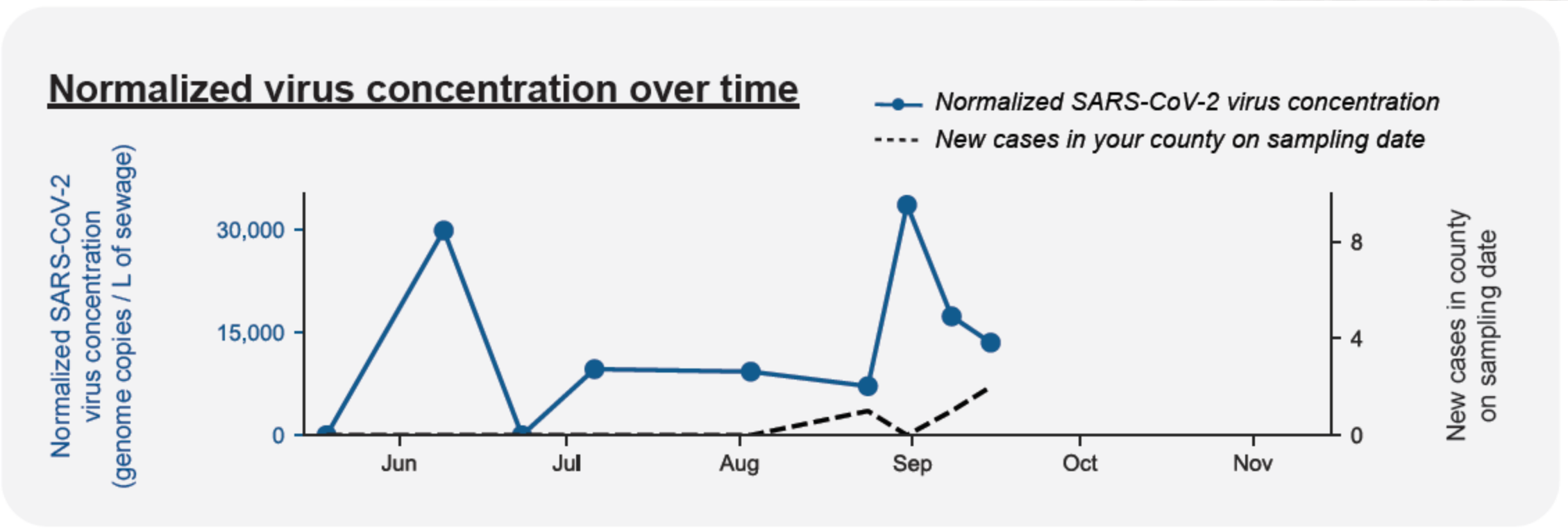
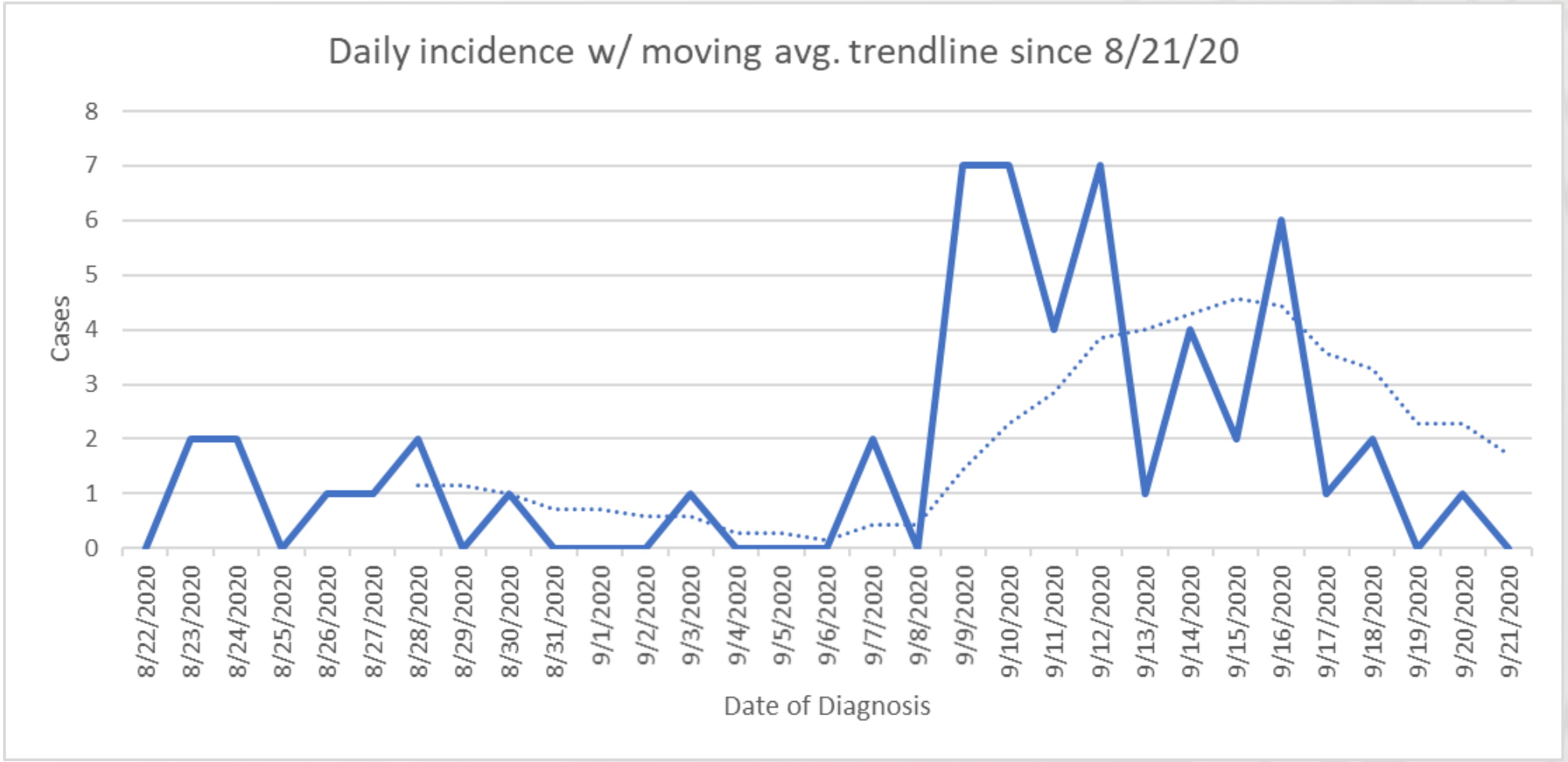


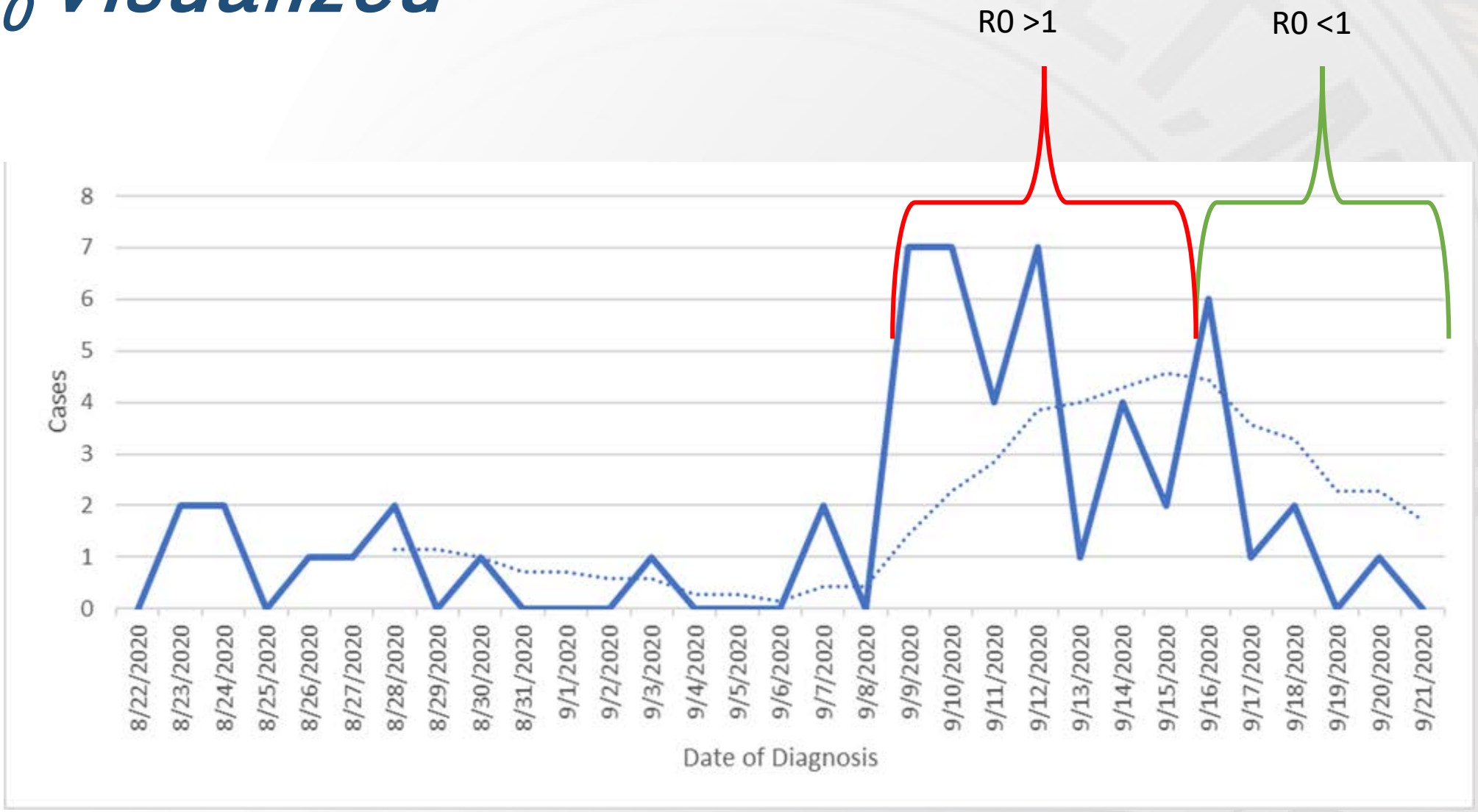
Metrics (Sewage)



Flatten The Curve



R_0 Visualized



R_0 ~ 1.5

R_0 ~ 0.7

Next Steps:

- Monitoring until October 5 for second wave related to labor day cases.

- Discuss school opening as guidance has changed

TOWN OF NANTUCKET, MASS
INCORPORATED 1671