

COVID-19
Update
Keep Focused –
Keep Learning

[#KeepKidsLearning](#)



**UNITING
TALENT &
PASSION**



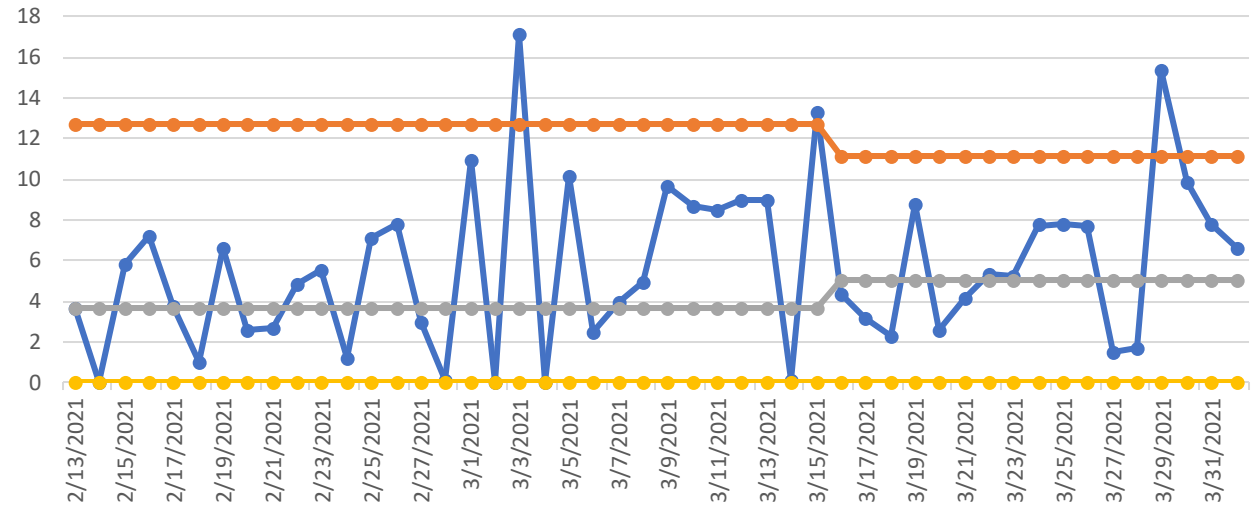
**Every
Child
Without
Exception**



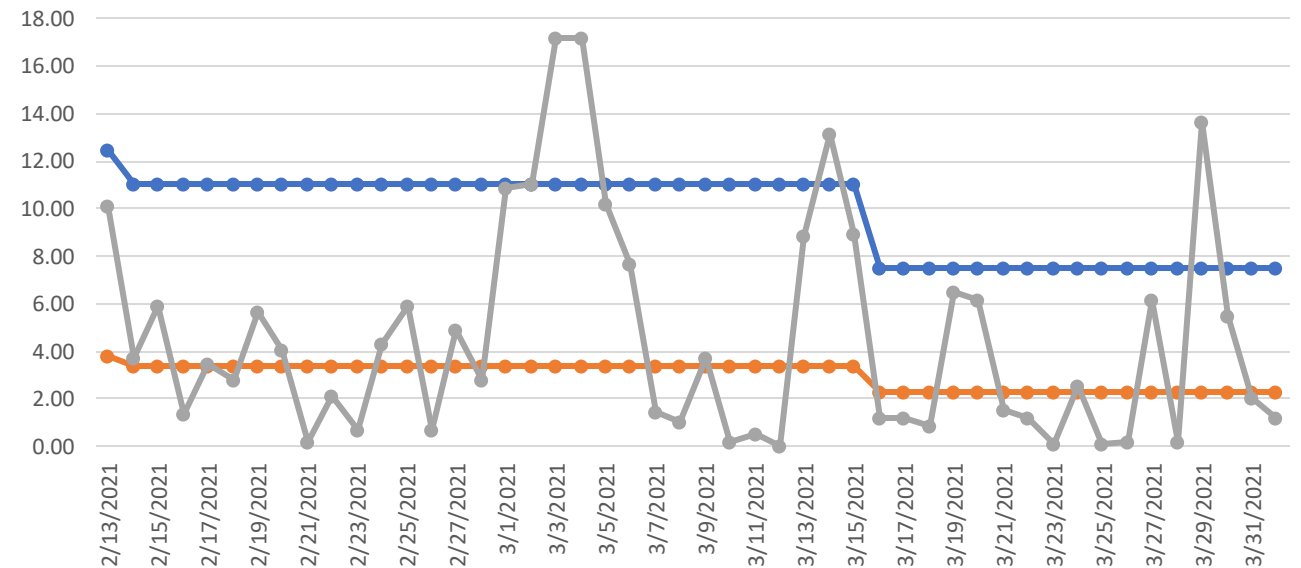
Daily Cases Reported in the Region

- The average number of cases reported each day increased from 3.73 cases to 5.03 cases.
- The upper bound for the maximum number of cases that can be attributed to random behavior decreased from 12.72 cases to 11.17 cases.
- The day-to-day change in the number of cases decreased from an average of 3.38 cases and an upper bound of 11.05 cases to an average of 2.29 cases and an upper bound of 7.50 cases.
- These changes signal that our system is becoming more consistent. The virus is acting in a more predictable way.
- The extreme variation in daily cases reported moved from spikes approximately every seven to ten days to larger spikes every 12-15 days.
- We attribute the larger and more infrequent spikes to changes in reporting and laboratory procedures.

Dailey Reported Cases



Day-to-Day Change in the Number of Cases Reported



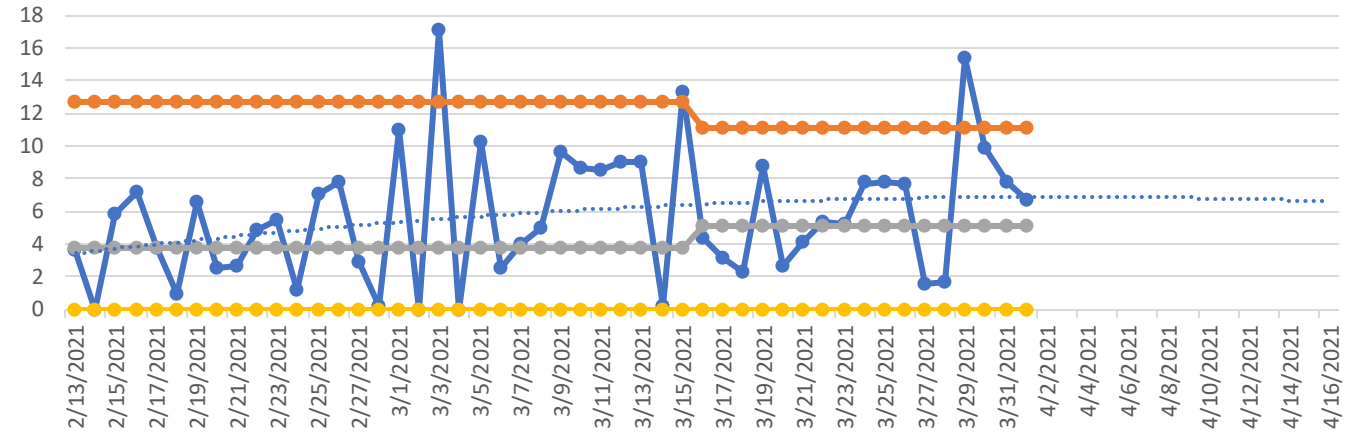
As of 4/1/21

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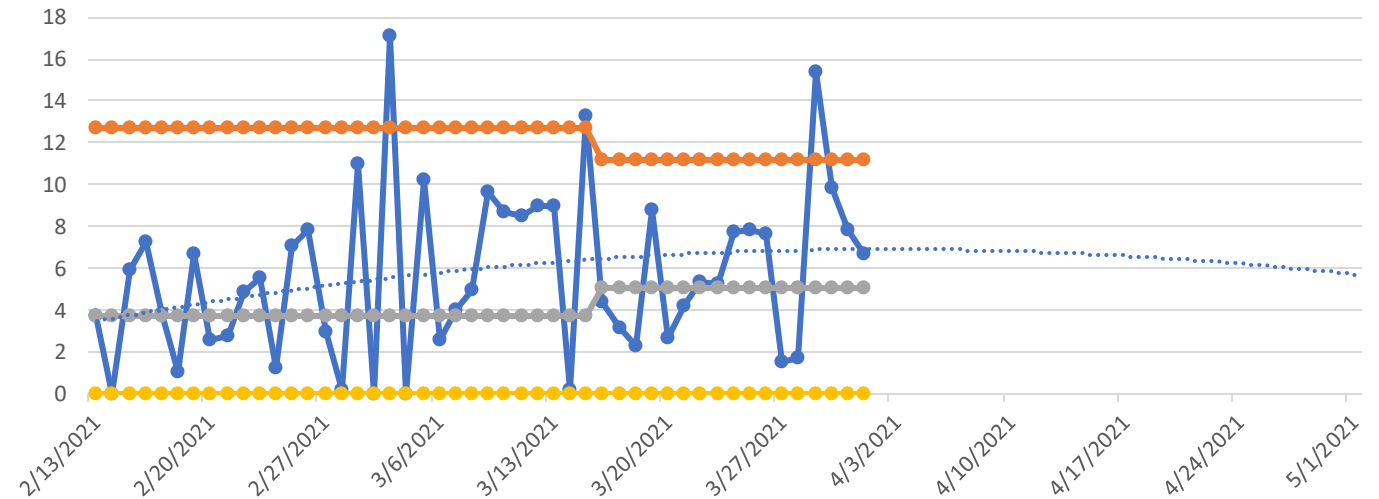
Simple Forecast

- The trend line shows that our current rise in the number of cases will reach its peak in the first week of April.
- There will be a very slow decrease in the number of cases through May.
- If we can identify the variable or variables that allowed the system to become more consistent yet was also the reason for the increase in the number of cases, we can attempt to affect that variable to decrease the number of reported cases.

14 day Projected Daily Reported Cases



30 day Projected Daily Reported Cases



As of 4/1/21

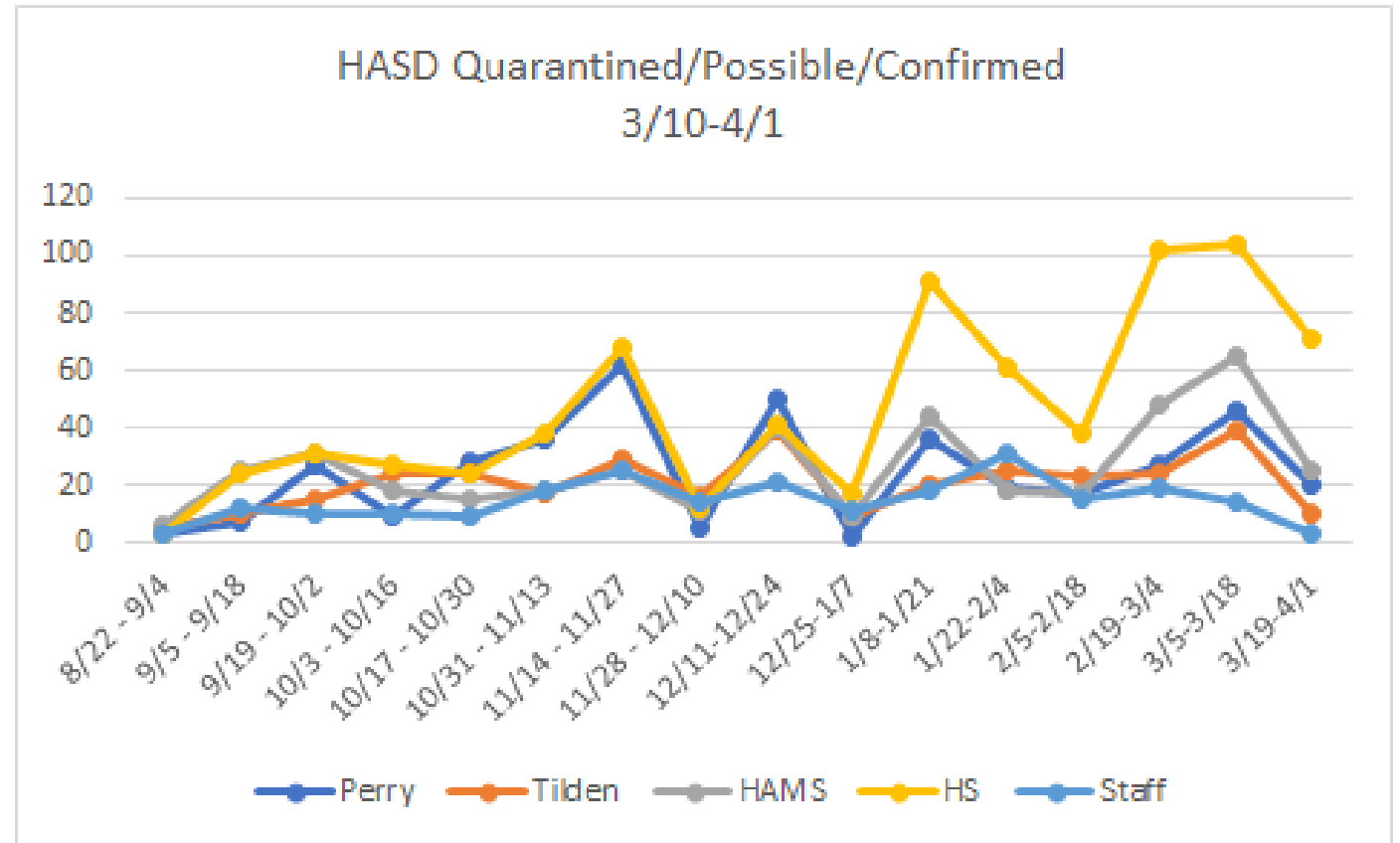
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HASD daily attendance rates

		Mar. 19	Mar. 22	Mar. 23	Mar. 24	Mar. 25	Mar. 26	Mar. 29	Mar. 30	Mar. 31
HS	901 Total	160	92	87	94	98	117	99	115	110
	%	76.5%	86.5%	87.2%	86.2%	85.6%	82.8%	85.5%	83.1%	83.8%
MS	902 Total	70	72	65	57	70	56	64	63	61
	%	85.7%	85.3%	86.8%	88.4%	85.7%	88.6%	87.0%	87.2%	87.6%
Perry	904 Total	38	38	39	31	31	26	20	25	28
	%	88.6%	88.6%	88.3%	90.7%	90.7%	92.2%	94.0%	92.5%	91.6%
Tilden	906 Total	53	51	46	58	44	46	55	41	53
	%	89.8%	90.2%	91.1%	88.8%	91.5%	91.1%	89.4%	92.1%	89.8%
Total All Buildings		321	253	237	240	243	245	238	244	252
%		84.1%	87.5%	88.3%	88.1%	88.0%	87.9%	88.2%	87.9%	87.5%
Total Employees		38	32	34	28	33	32	24	25	30
	%	88%	90%	89%	91%	90%	90%	92%	92%	90%
					Easter break 4/1-4/5					
Students required to quarantine are included in the overall numbers for absences										

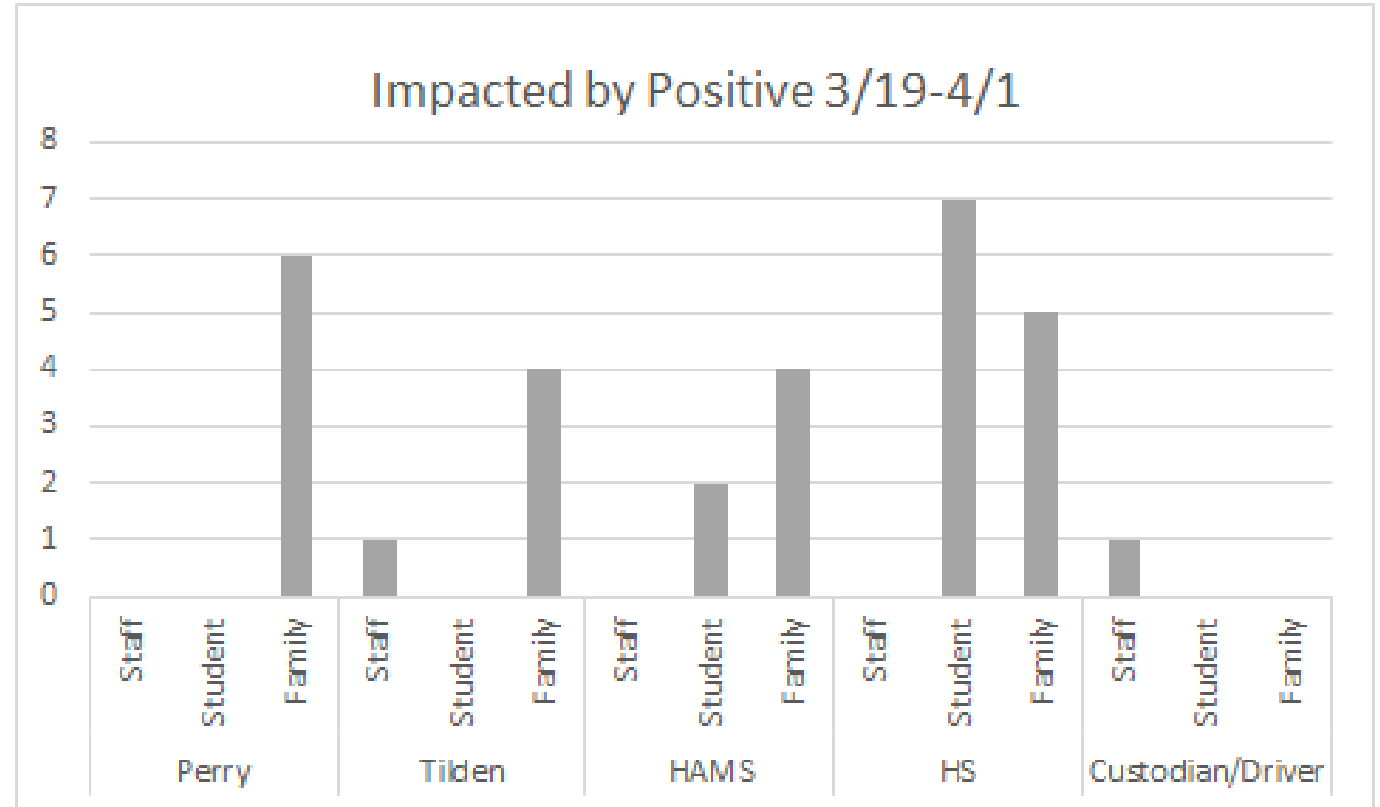
Contact Tracing

- Immediately addressing close contacts.
- 139 cases tracked over the most recent 14-day period. This is a decrease of 128 cases from the previous period.
- 11 positive cases were reported for staff and students throughout the district. This is a decrease of 7 cases from the previous period. Two consecutive time periods of a decrease in positives in the buildings.
- Close contact tracing and internal quarantining is essential.



Positive Cases Breakdown

- Department of Health guidance to reduce live learning
 - ≥ 2 cases **within the building** for buildings with less than 500 people (Perry)
 - ≥ 4 cases **within the building** for buildings with greater than 500 people (Tilden, Middle School, High School)
 - Option for DOH request for consultation
- Known Positive Cases in the School since 3/19-4/1
 - Perry Elementary
 - 6 family members
 - Tilden Elementary
 - 1 staff, 4 family
 - Middle School
 - 2 student / 4 family
 - High School
 - 7 student / 5 family
 - Quarantine procedures are working when followed



KEY CDC mitigation strategies

- 6key mitigation strategies
- **Do not come to work/school if sick or close contact with a positive case.**
 - Consistent and correct use of masks
 - Social distancing to the largest extent possible
 - Hand hygiene and respiratory etiquette
 - Cleaning and disinfection
 - Contact tracing in collaboration with local health department – The graph demonstrates the detailed ability of HASD to track current C19 situations
 - PA DOH consultation with epidemiologists