



PRSD Healthcare Leadership Council

Educational Model Update

for Students, Parents and Staff

January 7, 2021

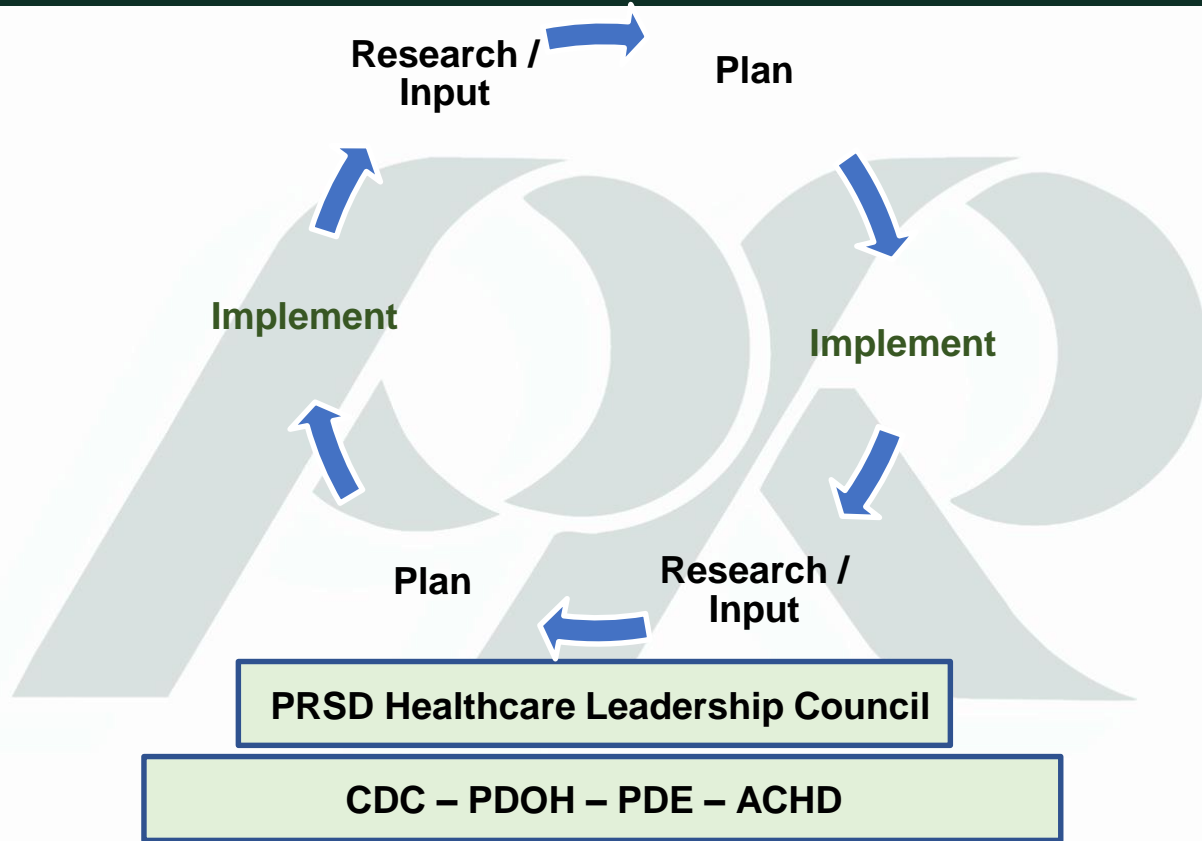


Key Points

- Iterative Process Reflects Evolving Guidance
- Education Model (Preparing for Return-to-Hybrid)
- Conditions and Cases (County and Townships/District)
- CDC-Based Holistic Dashboard (Core and Secondary Indicators)
- PDE/PADOH Recommendations
- PRSD Next Steps



Iterative Process





Educational Model Continuum*

“Old Days”

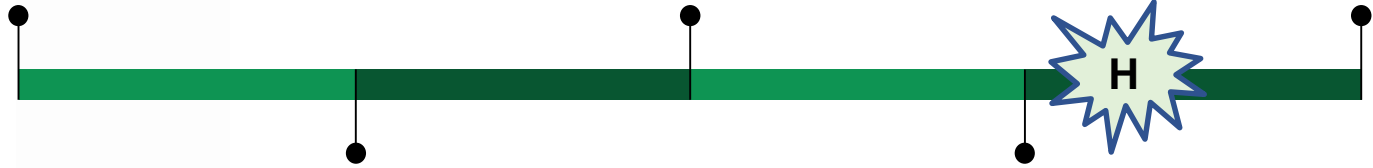
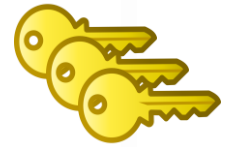
Schools operate as they did on and before March 13, 2020.

Traditional with Significant Restrictions

Restrictions could include limiting the number of students in a class; alternative transportation options; staggered schedules, etc.

100% Virtual All

All students are learning remotely from home.



Traditional with Some Restrictions

Restrictions could include spacing of desks in classrooms; direction signs in hallways; table and seating spacing in cafeterias; etc.

Dynamic Hybrid Between Traditional and Virtual

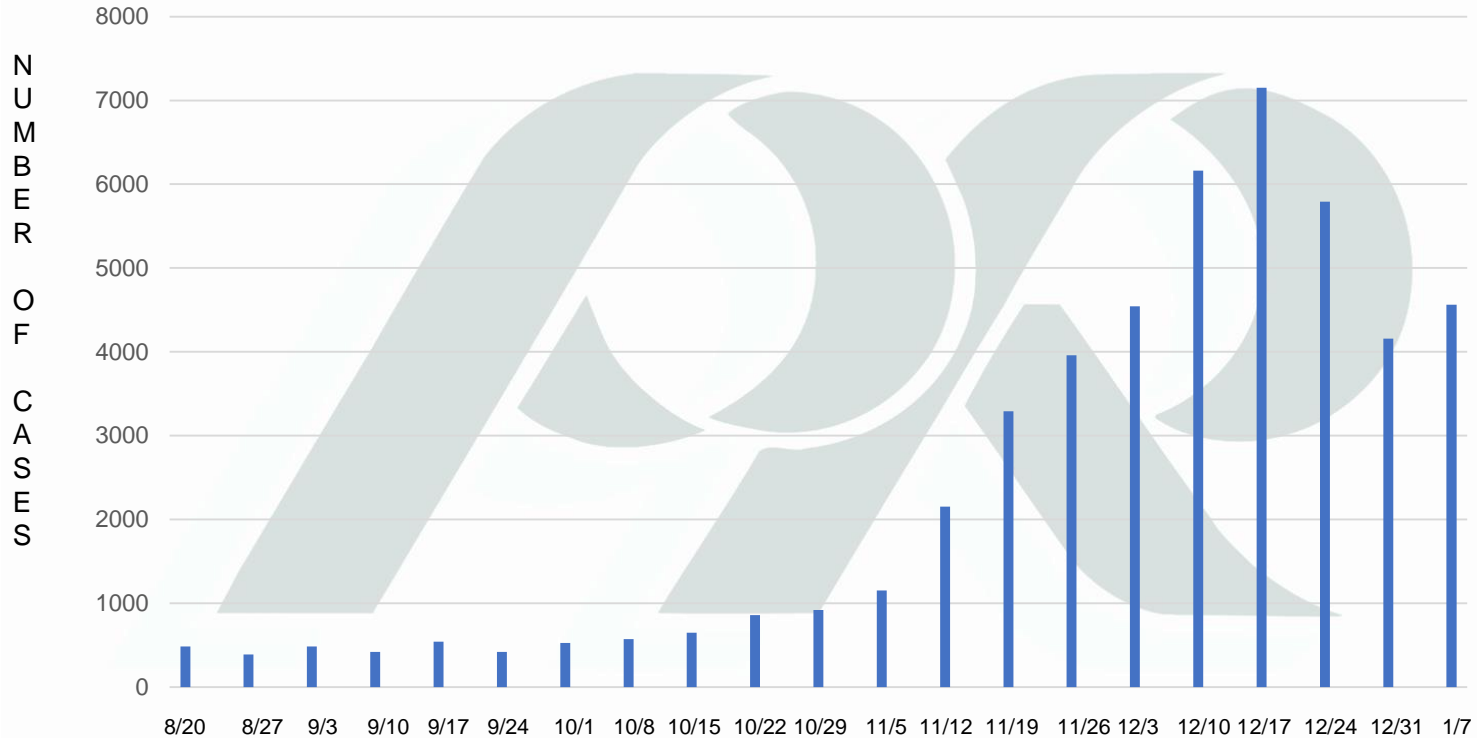
A combination of traditional with significant restrictions and virtual instruction for some.

*As conditions change and public health guidance evolves, shifts have occurred on the continuum. The current focus relates to a shift back to dynamic hybrid model.



Allegheny County Weekly Case Metrics

Weekly Confirmed and Probable Cases (ACHD)





PRSD Holistic Dashboard - CDC Indicators

PRSD Dashboard (Revised 1.6.21): <u>CDC INDICATORS FOR DYNAMIC SCHOOL DECISION-MAKING</u>								
INDICATORS	11/27	12/4	12/11	12/18	12/25	1/1	1/8	1/15
CORE: Cases per 100,000 persons in the last 14 days*	280.8	339.6	420.4	396.8	327.1	231.9		
CORE: Percentage of PCR positivity in the last 14 days**	9.7%	12.6%	14.6%	13.6%	12.4%	11.2%		
CORE: School ability with five key mitigation strategies:								
Consistent and correct use of masks								
Social distancing to the largest extent possible (6')								
Hand hygiene and respiratory etiquette								
Cleaning and disinfection								
Contact tracing in collaboration with ACHD								

Guidelines Not Magic Numbers



PRSD Holistic Dashboard - CDC Indicators

CORE: Other mitigation to the extent possible.	11/27	12/4	12/11	12/18	12/25	1/1	1/8	1/15
Cohorting K-6	Green	Green	Green	Green	Green	Green	Green	White
Cohorting 7-12	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White
Staying home when appropriate Students	Green	Green	Green	Green	Green	Green	Green	White
Staying home when appropriate Staff	Green	Green	Green	Green	Green	Green	Green	White
Adequate supplies	Green	Green	Green	Green	Green	Green	Green	White
Staggered scheduling	Green	Green	Green	Green	Green	Green	Green	White
Alternating schedules w/fixed cohorts	Green	Green	Green	Green	Green	Green	Green	White
Shared objects	Green	Green	Green	Green	Green	Green	Green	White
Visitors	Green	Green	Green	Green	Green	Green	Green	White
Ventilation	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	White
Water systems	Green	Green	Green	Green	Green	Green	Green	White
Physical barriers and guides	Green	Green	Green	Green	Green	Green	Green	White
Communal spaces K - 6	Green	Green	Green	Green	Green	Green	Green	White
Communal spaces 7-12	Green	Green	Green	Green	Green	Green	Green	White
Food service	Green	Green	Green	Green	Green	Green	Green	White



PRSD Holistic Dashboard - CDC Indicators

SECONDARY	11/27	12/4	12/11	12/18	12/25	1/1	1/8	1/15
SECONDARY: Percent change new cases per 100,000 population last 7 days compared with previous 7 days	Red	Red	Red	Red	Green	Green	Orange	White
SECONDARY: Percentage of hospital inpatient beds in the community that are occupied***	Green	Orange	Red	Orange	Green	Yellow	Yellow	White
SECONDARY: Percentage of intensive care unit beds in the community that are occupied***	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White
SECONDARY: Percentage of hospital inpatient beds in the community occupied by patients with COVID-19***	Yellow	Red	Red	Red	Red	Red	Red	White
SECONDARY: Existence of localized community/public setting COVID-19 outbreak****	Green	Green	Green	Green	Green	Green	Green	White

Guidelines Not Magic Numbers



CDC Application of Indicators

Each indicator or combination of indicators should neither be used in isolation nor should they be viewed as hard cut-offs by STLT officials and school district decision-makers. Rather, they serve as broad guideposts of inherent risk to inform decision-making.

If, after applying the core indicators described in the table below, a school is at “medium,” “higher,” or “highest” risk of transmission, **it does not** mean that the school cannot re-open for in-person learning, but that the risk of introduction and subsequent transmission of SARS-CoV-2 is higher and the school could consider alternative learning models (e.g., mix of in-person and virtual learning, also known as hybrid learning, or virtual-only).

Similarly, if a school meets all core indicators and many secondary indicators, a case or cases of COVID-19 may still occur in a school among students, teachers, administrators, and other staff. As a result, falling into the category of being at “lower” or “lowest” risk of transmission does not mean that the school should relax adherence to mitigation measures.

Officials should frequently monitor these indicators and adjust accordingly.



Pine-Richland Case Metrics*

	Sept.	Oct.	Nov.	Dec.	Jan-to-Date	
Total	2	5	42	66	5	
Students	1	5	34	47	5	
Staff	1	0	8	19	0	
PRHS	PRMS	EHUE	HES	RES	WES	OTHER
39	24	19	12	11	10	5

*Cases last updated on January 6th at 12:30 p.m. Active cases will be monitored by building within a 14-day window.



PDE/PADOH: 14-Day Case Count Tracker

Guidelines and Numbers But Still Not Magic Numbers (Note *)	School does not need to close	Close school(s) for 3-7 days*	Close school(s) for 14 days*
Small (< 500) HES and RES	1 student or 1 staff	2-4 students/staff in same school building	5+ students/staff in same school building
Medium (500 – 900) WES and PRMS	1-3 students or staff	4-6 students/staff in same school building	7+ students/staff in same school building
Large (> 900) EHUE and PRHS	1-5 students or staff	6-10 students/staff in same school building	11+ students/staff in same school building

*Given the core mitigation strategies, qualifying cases would need to approximate the high end of the range.



PDE/PADOH: 14-Day Case Count Tracker

- Rolling 14-day tracker will differ by building
- Begins with first case symptom onset (or date of test if asymptomatic)
- Includes confirmed and probable case who was physically present while infectious (instruction, athletics, extra-curricular)
- Fully virtual students are not counted
- Case count resets after a period of closure.
- **Closure is designed to support case investigations, contact tracing and cleaning/disinfecting.**
- **Given PRSD protocols and efficiency working with ACHD, no period of closure or a shorter period(s) of closure are possible (e.g., 1 – 2 days).**



PDE/PADOH: 14-Day Case Count Tracker*

Date	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	
PRHS 10	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey															
	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey															
	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue															
	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange											
	Yellow			Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow											
	Light Green				Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green				
	Light Purple														Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple
	Light Red															Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red
Total	3	4	4	6	6	6	7	7	7	8	8	8	9	9	7	6	6	4	4	4	3	3	3	3	2	2	2	1	1

* Each row/color represents a sample case. In this example, PRHS did not reach the “10 case” threshold in the 14-day window. No period of closure is necessary. Even if “10” were reached on Day 14, it does not mean that a closure is required.



Learning Effectiveness

- From an instruction and learning perspective, a “ping-pong ball” approach has the effect of limiting quality in both the in-person and virtual environment.
- The **three key drivers** continue to inform the decision-making process (i.e., health/safety, learning effectiveness and flexibility).
- We continue to consider **all dimensions of learning** (academic, social, emotional and physical). We are considering **tiered/phased return** given all data and information (i.e., K – 6 followed by 7 - 12).
- Limited evidence of transmission in schools at this time. Pine-Richland’s 14 week experience reinforces that transmission is not happening within the school setting (September – November).
- Transmission is happening in less structured social settings. As anticipated, transmission and positive cases continued in the full virtual model (December).
- **Pine-Richland’s hybrid model is aligned with the core mitigation strategies recommended by the CDC and ACHD.**



Factors Impacting Return-to-Hybrid

- The period of full virtual instruction extends through Monday, January 18, 2021.
- **The consideration of a potential K – 6 return to hybrid instruction is planned for Tuesday, January 19, 2021:**
 - **K – 3: Five Days Per Week OR Alternating (“AK” and “LZ”)**
 - **4 – 6: Alternating Day (“AK” and “LZ”)**
- **Factors leading to the PRSD return-to-hybrid:**
 - Consideration of the entire PRSD Holistic Dashboard with CDC Core and Secondary Indicators;
 - Early signs of an anticipated flattening of curve (i.e., rate of growth) with the two prior weeks of full virtual that allow for post-holiday cases (January 4th – January 18th);
 - ACHD and PRSD Healthcare Leadership Council dialogue;
 - PDE and PADOH support for local decision-making based on model and attestation; and
 - Learning effectiveness at younger grades with confidence in mitigation;
- Based on progress and data, a **potential Grades 7 – 12** return to hybrid planned for Monday, January 25, 2021.



Parent Perception Survey*

Hybrid	Yes	No	Unsure
Overall	82.5%	5.9%	11.6%
K – 3	86.0%	3.0%	11.0%
4 – 6	83.1%	4.9%	12.0%
7 – 8	81.8%	6.8%	11.4%
9 – 12	79.5%	8.6%	11.9%

*For those students involved in some type of in-person instruction in September through November, these results reflect parent intention to send the student back to in-person instruction if offered at this time.



Next Steps and Emerging Recommendation

- Through **continued study** and consultation with public health officials, we will continue to assess the essential questions in this presentation.
- **Creative staffing and supervision** strategies will be further developed (e.g., volunteer workforce for support with student management).
 - We have approximately 18 independent volunteers with interest in providing some degree of classroom support.
- **Continue monitoring cases and contact tracing** with ACHD to determine if short-term periods of closure are needed with the PDE/PADOH model (i.e., size of school).
- Prepare for potential staff vaccination program for those that plan to receive the vaccine.



Healthcare Leadership Council Membership

Senior Leadership Team: Dr. Miller (Superintendent); Dr. Pasquinelli (Asst. Superintendent); **Dr. Justus (Asst. Superintendent); Mr. Noel Hustwit (Director of Student Services & Special Education); Ms. Hathorn (Director of Communication); Mr. Brian Glickman (Director of Human Resources);** Mrs. Kirk (Director of Financial & Operational Services); Mr. Shawn Stuebener (Director of Technology)

Administrators: Mrs. Nancy Bowman (PRHS); **Dr. Dave Kristofic (PRMS); Mrs. Paula Giran (EHUE);** Mrs. Greta Kuzilla (HES/RES/WES); Dr. Maura Paczan (Lead Psychologist); Mr. Jeff Zimmerman (Director of Facilities); **Mr. Clayton Gruber (Custodial Supervisor);** Mr. Sean Simmons (Director of Athletics)

Staff: Mr. Chris Vins (PREA President); Mr. Brian DeVinney (PREA Secondary Vice-President); **Mrs. Danielle Kehowski (PREA Elementary Vice-President); Mrs. Patti Noble (ESPA President);** Mrs. Michelle Schonbachler (School Nurse Department Chair); Mrs. Kim Charney (Transportation & Facility Use Coordinator); **Mrs. Barbara Williams (Administrative Support); Ms. Margo Kohler** and Mr. Jim Bichler (Building Level Technology Coaches)

Governance: Mrs. Christine Misback (PRSD School Board)

Students: Executive Board Pres: Zeyad Amr; Class of 2021 President: Gaby Stone.

Key Partners: Mrs. Colleen McAndrew (STA Manager); Mr. Andy Hartman (STA Assistant Manager); Mrs. Diane Bucknum (SODEXO Manager)

Medical and Public Health Experts: Dr. Domenic Mantella (PRSD School Physician); Dr. Amy Cashdollar, Chief Operating Officer (AHN); Erin Colvin, CRNP (CHP); Dr. Vaughn Cooper, Professor of Microbiology Molecular Genetics (Pitt) Co-Founder of Microbial Genome Sequencing Center; Renee Dixon, RN (UPMC); Dr. Tony Farah, Executive Vice President, Chief Medical/Clinical Transformation Officer (HH); Dr. Catherine Hrach, Emergency Physician (BHS); Dr. Jenene Hunkele, Sr. Medical Science Liaison (Alexion); Dr. Allan Klapper, CEO (AHN); Dr. Brook McHugh, Pediatrician (AHN); Dr. Tyler Quinn, Research Physiologist (NIOSH); Dr. Ryan Shields, Infectious Diseases Pharmacist/Assoc. Professor of Medicine (Pitt; UPMC)