

# Metrics for In-Person Instruction

**School Board Work Session**

Monday, November 2, 2020

Presented by

Scott T. Eveslage, Ed.D.  
Superintendent of Schools



# Meeting Agenda

- **Public Health Metrics Update: How the rise in COVID cases is impacting Hatboro-Horsham**





# Metrics and Targets to Inform Decisions for Returning Students in-Person (Last Updated: 10/25/20)

Status: Met or Not Met the target												
Metric for Consideration	Jul 31 - Aug 6	Aug 7 - Aug 13	Aug 14 - Aug 20	Aug 21 - Aug 27	Aug 28 - Sept 3	Sept 4 - Sept 10	Sept 11 - Sept 17	Sept 18- Sept 24	Sept 25- Oct 1	Oct 2- Oct -8	Oct 9 - Oct 15	Oct 16- Oct 22
Montgomery County Positivity Rate ♦ Target: Below 5% (Most recent 7 days)	2.5% Met	2.9% Met	3.0% Met	3.1% Met	3.2% Met	3.3% Met	3.0% Met	2.3% Met	2.5% Met	2.5% Met	2.3% Met	2.9% Met
Montgomery County Positivity Rate Target: Declining Week-to-Week	N/A	Not Met	Not Met	Not Met	Not Met	Not Met	Met	Met	Not Met	Met	Met	Not Met
Montgomery County Incidence Rate * ♦ Target for full reopening: <10 per 100,000 Residents	30.3 Not Met	36.0 Not Met; Increasing	35.2 Not Met; Decreasing	36.8 Not Met; Increasing	39.3 Not Met; Increasing	37.2 Not Met; Decreasing	38.1 Not Met; Increasing	27.9 Not Met; Decreasing	36.2 Not Met; Increasing	37.9 Not Met; Increasing	40.1 Not Met; Increasing	45.3 Not Met; Increasing
Township of Horsham and Borough of Hatboro Incidence Rate * △ Target: at or below county level and declining week-to-week	N/A	N/A	N/A	Hatboro: 0 Met	Hatboro: 40.4 Not Met	Hatboro: 67.3 Not Met	Hatboro: 13.5 Met	Hatboro: ‡ 13.5 Met	Hatboro: ‡ ‡ 0 Met	Hatboro ‡ ‡ ‡ 26.93 Met	Hatboro ‡ ‡ ‡ 40.39 Not Met	Data Available 10/30
	N/A	N/A	N/A	Horsham: 0 Met	Horsham: 22.7 Met	Horsham: 41.5 Not Met	Horsham: 41.5 Not Met	Horsham: ‡ 26.4 Met	Horsham: ‡ ‡ 30.19 Not Met	Horsham ‡ ‡ ‡ 41.52 Not Met	Horsham ‡ ‡ ‡ 49.07 Not Met	Data Available 10/30
Township & Borough Positivity Rate △ Target: at or below county level and steady or declining week-to-week (Most recent 14 days)	N/A	N/A	N/A	Hatboro: 0 Met	Hatboro: 3.17 Met	Hatboro: 4.86 Not Met	Hatboro: 2.6 Met	Hatboro: ‡ 1.04 Met	Hatboro: ‡ ‡ 0.6 Met	Hatboro ‡ ‡ ‡ 2.79 Not Met	Hatboro ‡ ‡ ‡ 3.76 Not Met	Data Available 10/30
				Horsham: 0 Met	Horsham: 1.84 Met	Horsham: 4.09 Not Met	Horsham: 4.37 Not Met	Horsham: ‡ 3.13 Not Met	Horsham: ‡ ‡ 3.18 Not Met	Horsham ‡ ‡ ‡ 2.68 Not Met	Horsham ‡ ‡ ‡ 2.23 Met	Data Available 10/30

\* Incidence Rate Calculation: # of new cases for the last 7 days/population X 100,000

♦ Source: Pennsylvania Department of Health COVID-19 Early Warning Monitoring System Dashboard

△ Source: Montgomery County Office of Public Health weekly report (available 9/18/20, then weekly thereafter)

‡ 9/18-9/24  
District Incidence Rate 23.58  
District Positivity Rate 2.63%

‡‡ 9/25-10/1  
District Incidence Rate 23.58  
District Positivity Rate 2.66%

‡‡‡ 10/2-10/8  
District Incidence Rate 38.32  
District Positivity Rate 2.7%

‡‡‡ 10/9-10/15  
District Incidence Rate 47.17  
District Positivity Rate 2.03%



# Metrics and Targets to Inform Decisions for Returning Students in-Person (Last Updated: 10/30/20)

	Status: Met or Not Met the target							
Metric for Consideration	September 4 - September 10	September 11 - September 17	September 18 - September 24	September 25 - October 1	October 2 - October 8	October 9 - October 15	October 16 - October 22	October 23 - October 29
<b>Montgomery County Positivity Rate ♦</b> Target: Below 5% (Most recent 7 days)	3.3% Met	3.0% Met	2.3% Met	2.5% Met	2.5% Met	2.3% Met	2.9% Met	4.6% Met
<b>Montgomery County Positivity Rate</b> Target: Declining Week-to-Week	Not Met	Met	Met	Not Met	Met	Met	Not Met	Not Met
<b>Montgomery County Incidence Rate * ♦</b> Target for full reopening: <10 Warning of closure: > 90	37.2 Not Met; Decreasing	38.1 Not Met; Increasing	27.9 Not Met; Decreasing	36.2 Not Met; Increasing	37.9 Not Met Increasing	40.1 Not Met Increasing	45.3 Not Met Increasing	81.8 Not Met Increasing
<b>Township of Horsham and Borough of Hatboro Incidence Rate * △</b> Target: at or below county level and declining week-to-week Warning of closure: > 90	Hatboro: 67.3 Not Met	Hatboro: 13.5 Met	Hatboro Horsham School District 23.58	Hatboro Horsham School District 23.58	Hatboro Horsham School District 38.32	Hatboro Horsham School District 47.17	Hatboro Horsham School District 44.22	Data Available 11/6
	Horsham: 41.5 Not Met	Horsham: 41.5 Not Met						
<b>Township &amp; Borough Positivity Rate △</b> Target: at or below county level and steady or declining week-to-week (Most recent 14 days) Warning of closure: > 8%	Hatboro: 4.86 Not Met	Hatboro: 2.6 Met	Hatboro Horsham School District 2.63%	Hatboro Horsham School District 2.66%	Hatboro Horsham School District 2.7%	Hatboro Horsham School District 2.03%	Hatboro Horsham School District 3.59 %	Data Available 11/6
	Horsham: 4.09 Not Met	Horsham: 4.37 Not Met						

\* Incidence Rate Calculation: # of new cases for the last 7 days/population X 100,000

♦ Source: Pennsylvania Department of Health COVID-19 Early Warning Monitoring System Dashboard

△ Source: Montgomery County Office of Public Health weekly report (available 9/18/20, then weekly thereafter)



# Learning about COVID-19 in schools

- Evidence is showing that school safety measures and Health & Safety Plans have been effective.
- Evidence of linked transmission in school has been nearly non-existent.
- Respiratory droplets will sustain in colder weather, contributing to rising incidence rates.
- Cooperation with contact tracing and the school's ability to efficiently work with contact tracers is a key element to eliminating spread and keeping schools open.
- When looking at data and metrics, context matters.
- Despite context of data, county positivity rates and incidence rates can get to a point of necessary broader shutdowns.



# Pennsylvania Department of Education Guidance on Determining Instructional Models

Level of Community Transmission in the County	Incidence Rate per 100,000 Residents (Most Recent 7 Days)	AND/OR	PCR Percent Positivity (Most Recent 7 Days)	Recommended Instructional Models
Low	<10	AND	<5%	Full in-person Model  OR Blended Learning Model
Moderate	10 to <100	OR	5% to <10%	Blended Learning Model  OR Full Remote Learning Model
Substantial	≥100	OR	≥10%	Full Remote Learning Model

Montgomery County has been in the *Moderate Range* every week since July 31



# CDC Core Indicators and Thresholds for Risk of Introduction & Transmission of COVID-19 in Schools

INDICATORS	Lowest risk of transmission in schools	Lower risk of transmission in schools	Moderate risk of transmission in schools	Higher risk of transmission in schools	Highest risk of transmission in schools
<b>CORE INDICATORS</b>					
Number of new cases per 100,000 persons within the last 14 days*	<5	5 to <20	20 to <50	50 to ≤ 200	>200
Percentage of RT-PCR tests that are positive during the last 14 days**	<3%	3% to <5%	5% to <8%	8% to ≤ 10%	>10%
<p>Ability of the school to implement 5 key mitigation strategies:</p> <ul style="list-style-type: none"> <li>• Consistent and correct use of masks</li> <li>• Social distancing to the largest extent possible</li> <li>• Hand hygiene and respiratory etiquette</li> <li>• Cleaning and disinfection</li> <li>• Contact tracing in collaboration with local health department</li> </ul> <p>Schools should adopt the additional mitigation measures outlined below to the extent possible, practical and feasible.</p>	Implemented all 5 strategies correctly and consistently	Implemented all 5 strategies correctly but inconsistently	Implemented 3-4 strategies correctly and consistently	Implemented 1-2 strategies correctly and consistently	Implemented no strategies



# Timeline: Returning students to in-person instruction

- Kindergarten (Full Return) October 26
- Pre-K & Before/After Care October 26
- **Grades 1-6 (Hybrid) November 5**
- **Eastern Center (Hybrid) November 5**
- **Grades 7-8 (Hybrid) November 9**
- **Grades 9 (Hybrid) November 12**
- **Grades 10-12 (Hybrid) November 16**