CCPS Health Committee Report

Dr. Thomas W. Taylor, Deputy Superintendent
Nicholas Oyler, Coordinator of Student Health Services

Presented to School Board * August 11, 2020
CCPS Health Committee Recommendations

- CCPS Health Committee
- Metric overview
- Internal data analysis
  - Demographic data, cases, testing/positivity rate, hospitalizations
- Internal data summary
- Other available metrics
- Phase-in Cohorts
- Findings/recommendation
The committee consists of:
- Chesterfield Health District (CHD) and Risk Management representatives
- Three community experts
  - MD/Thoracic Surgeon, ER Nurse Practitioner/DNP, Professor of Microbiology/Immunology
- Student Health Services Coordinator & Equity/Student Support Director, which links mental health support concerns to the discussion

The committee will:
- Monitor data via VDH’s COVID-19 Dashboard
- Report to the School Board to allow for changes based on current data
Metric Overview

Recommendations:

- Consider multiple data points
- Recommended metric evaluation based on phased-in approach*
  
  - Green: consider full in-person learning or hybrid**
  - Yellow: hybrid or virtual considering phased-in cohorts***
  - Orange: virtual considering phased-in cohorts*** or full virtual
  
- Consider other available metrics

*Specific colors are intended to guide reopening discussions, not to signify level of health burden/risk in the community

**Based on position/trend of data in each category (Ex: high in green category vs low in yellow category may carry same recommendation)

***Prioritization of cohorts should be considered beginning in lower orange rating with 2-weeks steady or downward trending data
Demographic Data

Chesterfield Health District

- **School age (0-19)**
  - 641 cases
  - 14% of all cases
  - 3 hospitalizations, 0 deaths

- **Staff age range (20-69)**
  - 3,606 cases
  - 78.6% of all cases
  - 184 Hospitalizations, 32 deaths
No. 1: Cases (Seven-Day Average)

Cases per Day and Cases per 100k:

- Cases per day (VA/Central/Chesterfield)
  - 7/20/20: 962 128.3 37
  - 8/9/20: 1186 207.9 49

- Chesterfield cases per 100k
  - 7/20/20: 10.4
  - 8/9/20: 15.5
No. 1: Cases (Seven-Day Average)

Metric (Cases per 100k):

- <5
- 5-11
- 12-24
- 25+

Chesterfield County
15.5

*Increase since 7/20
Seven-Day Average Percent Positivity

- **Virginia**
  - 7/20/20: 7.5%
  - 8/5/20: 7.6%

- **CHD (Local Health District)**
  - 7/20/20: 6.8%
  - 8/5/20: 7.9%
No. 2: Positivity Rate

Metric

- 5% or below (per WHO recommendations)
- 5.1% - 7.4%
- 7.5% - 9.9%
- 10% or above (per VDH goals/guidance)

CHD 7.9%

*Increase since 7/20
No. 3: Hospitalizations

Seven-Day Average of COVID-19 Hospitalizations

- **Virginia**
  - 7/20/20: 1146
  - 8/9/20: 1277.6

- **Central Region/Chesterfield**
  - 7/20/20: 234.1/ 4.3
  - 8/9/20: 208.6/ 2.4
No. 3: Hospitalizations

Metric

- 4+ weeks of downward trend
- 2 weeks of downward trend
- 2 weeks of upward trend
- 4+ weeks of upward trend

*when no change or less than 2-week trend, consider previous trend

Central Region
3 weeks up, 2 down

*Decrease since 7/20
Internal Data Summary

Overall

- Cases per 100k:
  - Chesterfield
  - Chesterfield HD
  - Central Region

- Positivity rate:

- Hospitalizations:

Reminder of Recommendations:

- Green: consider full in-person learning *or hybrid*
- Yellow: hybrid *or virtual considering phased in cohorts*
- Orange: virtual considering phased in cohorts *or full virtual*
- Red: full virtual
Other Available Metrics

VDH Dashboard Metric
- Based on eight data points. Burden + Trend = Transmission
- Not measuring transmission at locality level at this time
- Data not publicly available*

* When it is, may be appropriate to consider alongside/in lieu of internal metric

University-Based Metrics:
- Harvard (HGHI): Based primarily on cases per 100k population
- UVA: Greater Richmond: Steady case growth, possible Aug. surge
Community-wide Mitigation Strategies

- Hand Hygiene
- Respiratory Hygiene
- Use of Cloth Face Coverings
- Maintaining 6 feet of distance
Phased Cohorts

Based on the trending downward metrics, there will be a phased approach to bring back cohorts of students.

- **Cohort 1** - Select Special Education Level 2 students as determined by IEPs (Grades K-12)
- **Cohort 2** - All students in Cohort 1 and all students in PreK to Second Grade
- **Cohort 3** - All students in Cohorts 1 and 2 and all students in Grades 3-5
- **Cohort 4** - All students in Cohorts 1, 2, and 3 and
  - 4a - All Students in grades 6 and 9 (attend 1 week prior to bring 4b students)
  - 4b - All Students in Grades 7, 8, 10, 11 and 12
Based on the Data

Health Committee Recommends:

- Committee members have agreed on ranges for the metrics -- green, yellow, orange and red.

- Recommendation: School division should begin to bring back certain cohorts of students once the ratings are in the low orange range and two of the three metrics showing two weeks of stable or downward-trending data. (Trends are defined by the Virginia Department of Health.)
Based on the Data

Health Committee Recommends (cont.):

● CCPS would continue to monitor the trends in order to bring back other cohort groups. A review of data every two weeks would yield a decision for the next cohort.

● If trend remained stable or continued downward, the next set of cohorts would be returned to in-person instruction.
  ○ Division leaders recommend a week’s notice be provided to students and staff members before returning to in-person learning in the classroom.
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