Metrics Reopening Advisory Team

Metrics Dashboard

Report Date: 6/11/2021 *(Reflects data gathered: 6/3/21-6/10/21)*

Restore Illinois Plan	Full Report Page #	Substantial — Phase 3		Moderate — Phase 4				Minimal — Phase 5	
COVID-19 Test Positivity Rates 7-day Rolling Average Wilmette	Page 5	9.0	8.0	7.0	6.0	5.0	4.0	3.0	0.9
NT Township	Page 6	9.0	8.0	7.0	6.0	5.0	4.0	3.0	0.7
D39 Staff Regional Zip	Page 7	9.0	8.0	7.0	6.0	5.0	4.0	3.0	0.7
Suburban Cook County	Page 8	9.0	8.0	7.0	6.0	5.0	4.0	3.0	1.6
Region 10	Page 9	9.0	8.0	7.0	6.0	5.0	4.0	3.0	1.4
Region 9	Page 9	9.0	8.0	7.0	6.0	5.0	4.0	3.0	1.2
Region 11	Page 9	9.0	8.0	7.0	6.0	5.0	4.0	3.0	1.3
New Cases Per 100,000 Population Wilmette	Page 5	>100		≤100	to		>50	≤	21.7
NT Township	Page 6	>100		≤100	to		>50	≤ 50	15.3
D39 Staff Regional Zip	Page 7	>100		≤ 100	to		>50	≤ 50	15.3
Suburban Cook County	Page 8	>100		≤ 100	to		>50		37

	Full Report Page #	Substantial — Phase 3	Moderate — Phase 4			Minimal — Phase 5	
COVID Positive Cases * Students	Page 10	>13	≤ 12	to	≥ 6	≤ 5	0
Staff	Page 10	>13	≤ 12	to	≥ 6	≤ 5	0
Max in 1 School	Page 10	≥ 6	≤ 5	to	≥ 2	≤ 1	0
Staffing Levels Number of Daily Sick Day Absences Per Week Certificated Absences	Page 13	>60	≤ 60	to 53.5	> 30	≤ 30	
Custodial Absences	Page 13	>30	≤ 30	to	>15	≤ 15	0
Support Staff Absences	Page 14	>60	≤ 60	to	>30	≤ 30	32
Unfilled Employee Absences*	Page 14	>30	≤ 30	to	>15	≤ 15	16.5
Working Quarantine	Page 15	>12	≤ 12	to	> 6	≤ 6	0
Non-Working Quarantine	Page 15	>6	≤ 6	to	> 3	≤	1
Student Absence Rates	Page 16	>7%	≤ 6%	to	> 4%	≤	3.3
Class Quarantine	Page 16	>18	≤ 18	to	> 6	≤ 6	0

Sources for Relevant Metrics

- Illinois State Board of Education and Illinois Department of Public Health
- Center for Disease Control and Prevention
- Illinois Department of Public Health Regional COVID-19 Resurgence Data (aligned with Governor's Restore Illinois Plan)
- Illinois Department of Public Health County Level COVID-19 Risk Metrics: Cook County
- Local and Regional COVID-19 Data by Zip Codes
- Cook County Department of Public Health COVID-19 Surveillance Data (aka: Shiny App)
- County Level COVID-19 Risk Metrics: Cook County
- Illinois Department of Public Health COVID-19 Statistics
- District 39 Metric Thresholds for Operational, Supply/Facility Adaptation Metrics, and Staffing Levels are based on D39 evaluation of and forecasting for capacity to address the challenge.
- Illinois State Board of Education – School Report Cards

Specific Guidance on Relevant Metrics and Metric Thresholds

- Illinois Department of Public Health Adaptive Pause
- Illinois State Board of Education and Illinois Department of Public Health
- Center for Disease Control and Prevention
- Center for Disease Control and Prevention (CDC): Indicators for Dynamic School Decision Making & K-12 School Reopening Guidance
- Cook County Detailed Metrics and School Metrics (click on Methodology button below data for additional information)
- Northern Illinois Return to School Metrics: Lake County Department of Public Health
- COVID-19 Return to School Framework: DuPage County Department of Public Health
- Harvard Risk Level Model
- Governor's Restore Illinois Plan

Note: The following table reflects new guidance distributed by the CDC on 2/12/21 regarding COVID-19 community spread metrics.

Table 1. CDC Indicators and Thresholds for Community Transmission of COVID-19[1]

Indicator	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days[2]	0-9	10-49	50-99	≥100
Percentage of NAATs that are positive during the past 7 days[3]	<5.0%	5.0%-7.9%	8.0%-9.9%	≥10.0%

[1]If the two indicators suggest different levels, the actions corresponding to the higher threshold should be chosen. County-level data on total new cases in the past 7 days and test percent positivity are available on the County View tab in CDC's COVID Data Tracker.

[2]Total number of new cases per 100,000 persons within the last 7 days is calculated by adding the number of new cases in the county (or other community type) in the last 7 days divided by the population in the county (or other community type) and multiplying by 100,000.

[3]Percentage of positive diagnostic and screening NAATs during the last 7 days is calculated by dividing the number of positive tests in the county (or other administrative level) during the last 7 days by the total number of tests resulted over the last 7 days. Additional information can be found on the Calculating Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Laboratory Test Percent Positivity: CDC Methods and Considerations for Comparisons and Interpretation webpage.

[4]Previously, CDC provided guidance for schools through the Indicators for Dynamic School Decision-Making. The current indicators and thresholds are an update to that document that reflect a focus on the past 7 days, and four (rather than five) categories of community transmission.
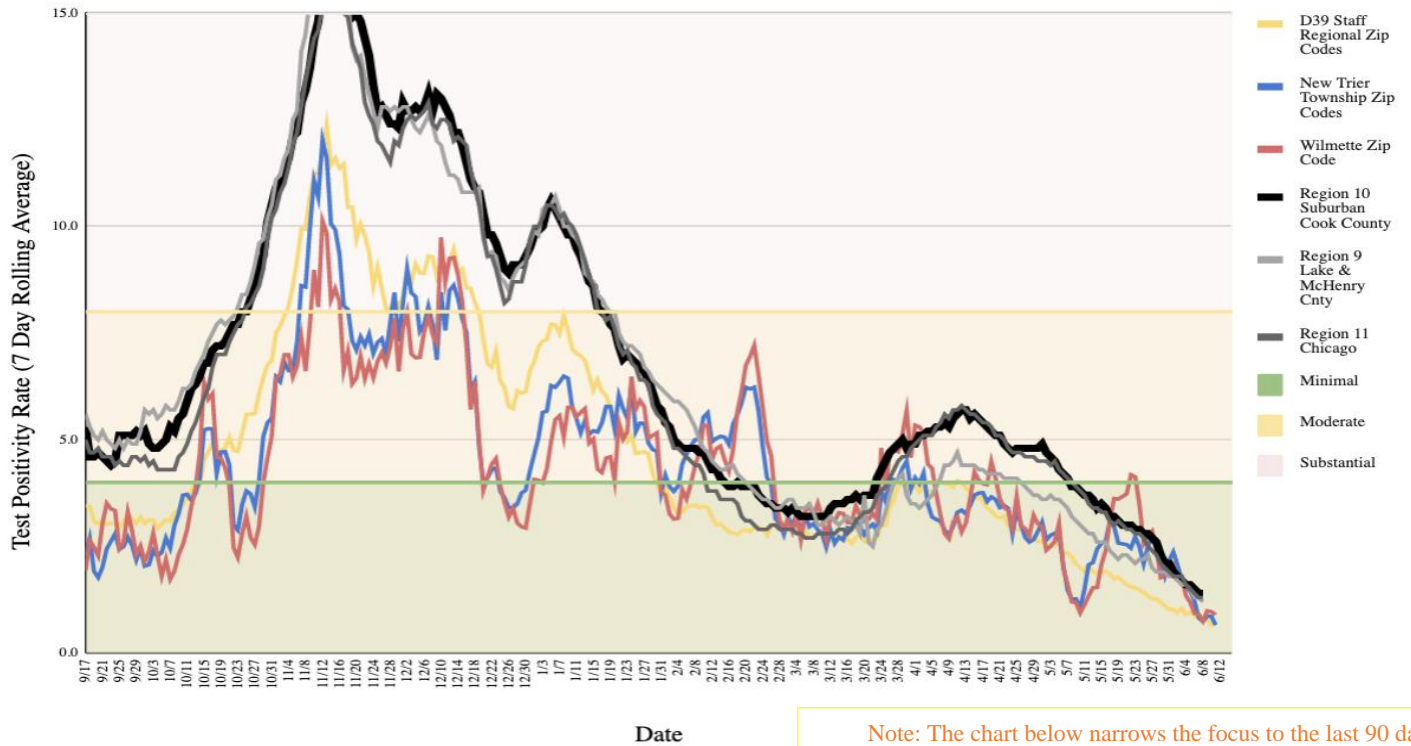
Metrics Under Review

Summary Charts – Published to the Metrics Reopening Advisory Team Website
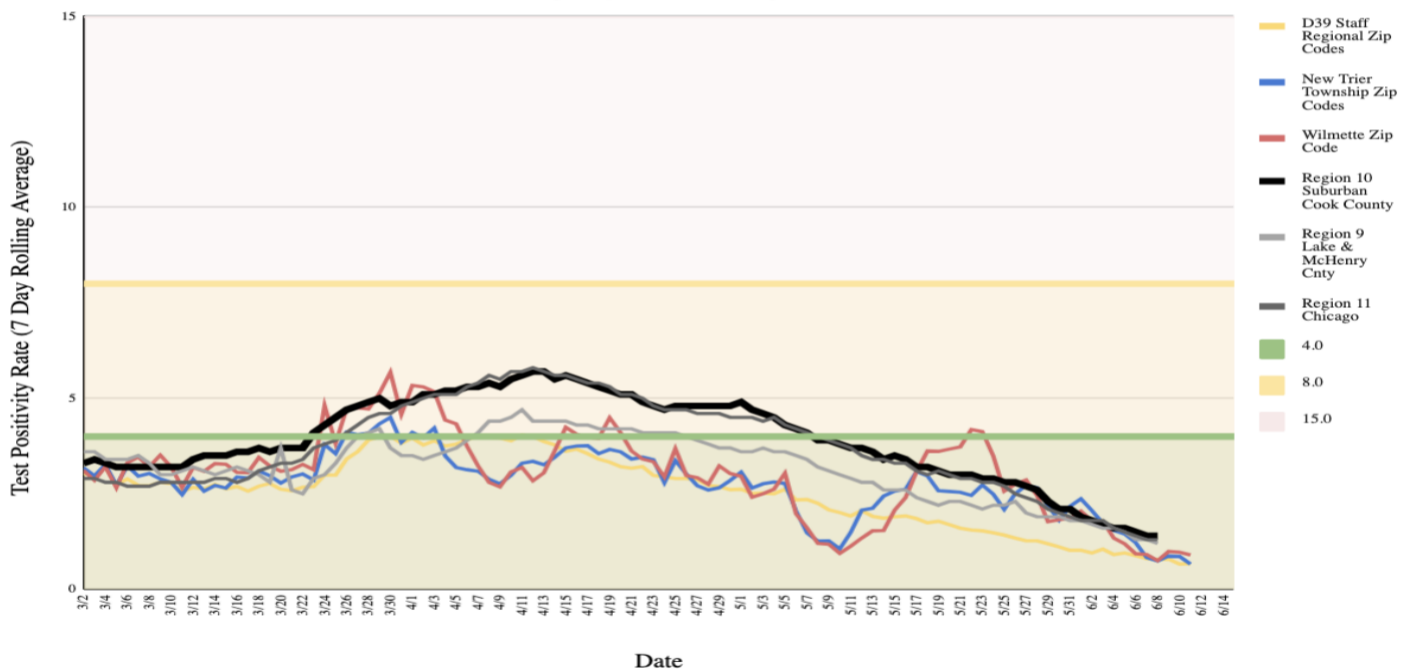Screenshot of data displayed on Friday.

COVID-19 Test Positivity Rates

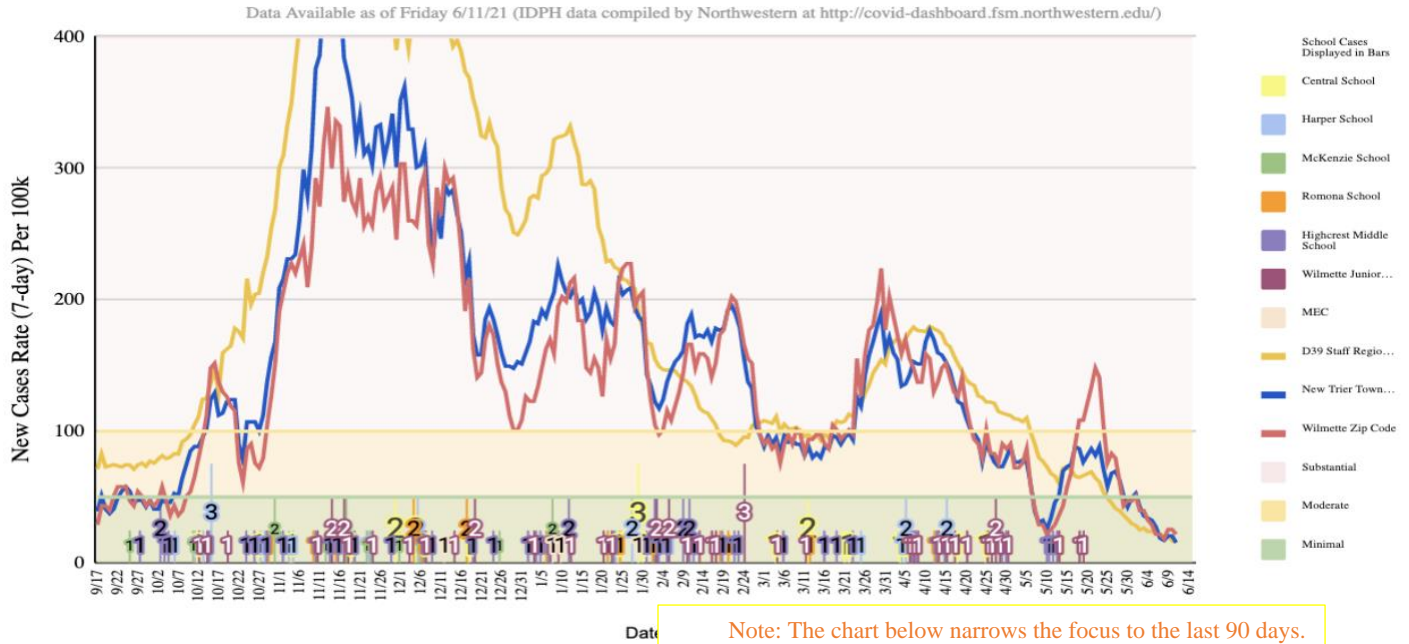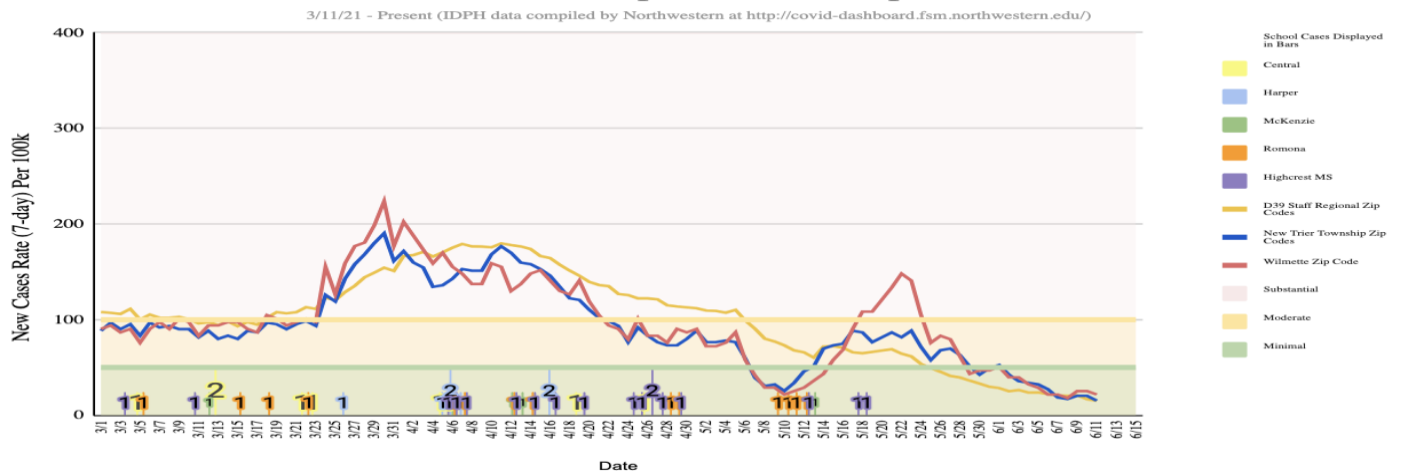Data Available as of Friday 6/11/21 (IDPH data compiled by Northwestern at http://covid-dashboard.fsm.northwestern.edu/)

Note: The chart below narrows the focus to the last 90 days.

COVID-19 Test Positivity Rates

3/1/21 - Present (IDPH data compiled by Northwestern at http://covid-dashboard.fsm.northwestern.edu/)

New Case Rate per 100,000 Population

Data Available as of Friday 6/11/21 (IDPH data compiled by Northwestern at http://covid-dashboard.fsm.northwestern.edu/)

School Cases Displayed in Bars

Central School
Harper School
McKenzie School
Romona School
Highcrest Middle School
Wilmette Junior...
MEC
D39 Staff Regio...
New Trier Town...
Wilmette Zip Code
Substantial
Moderate
Minimal

Note: The chart below narrows the focus to the last 90 days.

New Case Rate per 100,000 Population

3/11/21 - Present (IDPH data compiled by Northwestern at http://covid-dashboard.fsm.northwestern.edu/)

School Cases Displayed in Bars

Central
Harper
McKenzie
Romona
Highcrest MS
D39 Staff Regional Zip Codes
New Trier Township Zip Codes
Wilmette Zip Code
Substantial
Moderate
Minimal

COVID-19 Cases in D39

Data Available as of Friday 6/11/21

Released to Return to School/Work

Population (Reflects In-Person Enrollment)

Active

	Staff COVID-19 Positive Cases	Student COVID-19 Positive Cases	Quarantined Classrooms Due to an Identified COVID-19 Case (Total # of Individuals are Reflected in Columns to Right)	Quarantined Staff Due to an Identified COVID-19 Case	Quarantined Students Due to an Identified COVID-19 Case
Released	45	147	35	91	748
Population	556	2437	116	510	1836
Active	0	0	0	0	0

Local COVID-19 Data: Tracked by New Trier Township from the [Illinois Department of Public Health Metrics](#) ([Additional Metric Tracker Under Development at Northwestern University](#))

- COVID Positivity Rates – 7-day Rolling Average
- New Cases per 100,000 – 7-day Rolling Average

Screenshot of data displayed on Friday.

1. Wilmette

Data for 6/11/2021 (7–Day)

Rolling Average Number Tested per Day	95.6
Rolling Average Number of Positive COVID Tests per Day	0.9
Rolling Average COVID Positivity Rate	0.90 %
Number of new cases (7–day) per 100,000 population	21.7

Data for 6/11/2021 (14–Day)

Rolling Average COVID Positivity Rate	1.12 %
Number of new cases (14–day) per 100,000 population*	54.2

*10/08/2020: Number of new cases per 100,000 persons within the last 14 days is calculated by adding the number of new cases in the zip code in the last 14 days divided by the population in the zip code and multiplying by 100,000. (Aligned with CDC threshold guidelines)

11/06/2020: Beginning 11/6 IDPH began including "probable cases" in their totals. Thus we cannot separate actual cases from probable cases at the zip code level. Given that IDPH added multiple weeks of probable cases into the data for November 6, 2020, that particular day would appear to be a sudden spike. Thus we have excluded data from that date and resumed showing data as of November 7, 2020 (that includes actual and probable cases).

Over the Last Week:

	6/4/2021	6/5/2021	6/6/2021	6/7/2021	6/8/2021	6/9/2021	6/10/2021
Tests per Day*	96.1	96.4	91.9	94.1	95.7	101.1	102.9
Cases per Day*	1.3	1.1	0.9	0.9	0.7	1.0	1.0
Positivity Rate*	1.34 %	1.19 %	0.93 %	0.91 %	0.75 %	0.99 %	0.97 %
Number of new cases (7–day) per 100,000 population	32.5	28.9	21.7	21.7	18.1	25.3	25.3

* Calculated as 7-day rolling averages

Rolling Average 7-Day COVID Positivity Rate
(Hover over the line to see the rate for a specific day)
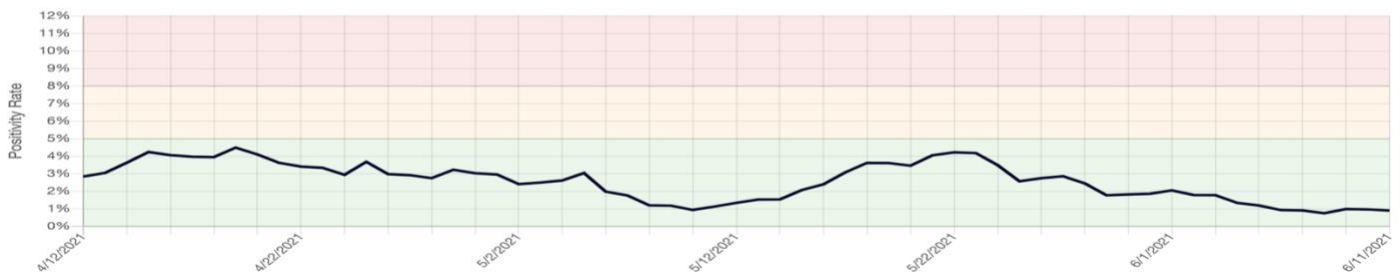
Weekly New Case Rate per 100,000 population
(Hover over the line to see the rate for a specific day)
(Solid – Selected Zip Codes; Dashed – Illinois; Dotted – Regional)
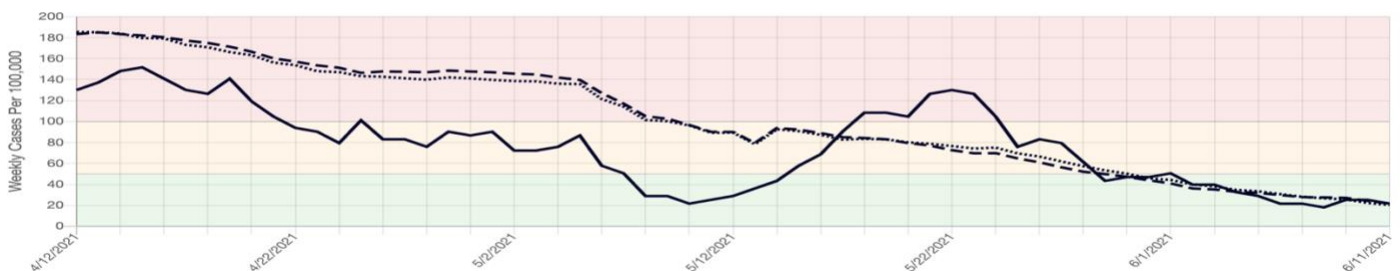
2. New Trier Township Zip Codes (60022, 60043, 60091, 60093)

Data for 6/11/2021 (7-Day)

Rolling Average Number Tested per Day	195.3
Rolling Average Number of Positive COVID Tests per Day	1.3
Rolling Average COVID Positivity Rate	0.66 %
Number of new cases (7-day) per 100,000 population	15.3

Data for 6/11/2021 (14-Day)

Rolling Average COVID Positivity Rate	1.09 %
Number of new cases (14-day) per 100,000 population*	49.3

*10/08/2020: Number of new cases per 100,000 persons within the last 14 days is calculated by adding the number of new cases in the zip code in the last 14 days divided by the population in the zip code and multiplying by 100,000. (Aligned with CDC threshold guidelines)

11/06/2020: Beginning 11/6 IDPH began including "probable cases" in their totals. Thus we cannot separate actual cases from probable cases at the zip code level. Given that IDPH added multiple weeks of probable cases into the data for November 6, 2020, that particular day would appear to be a sudden spike. Thus we have excluded data from that date and resumed showing data as of November 7, 2020 (that includes actual and probable cases).

Over the Last Week:

	6/4/2021	6/5/2021	6/6/2021	6/7/2021	6/8/2021	6/9/2021	6/10/2021
Tests per Day*	185.4	187.7	187.0	189.7	193.3	197.4	198.9
Cases per Day*	2.9	2.7	2.3	1.6	1.4	1.7	1.7
Positivity Rate*	1.54 %	1.45 %	1.22 %	0.83 %	0.74 %	0.87 %	0.86 %
Number of new cases (7-day) per 100,000 population	34.0	32.3	27.2	18.7	17.0	20.4	20.4

* Calculated as 7-day rolling averages

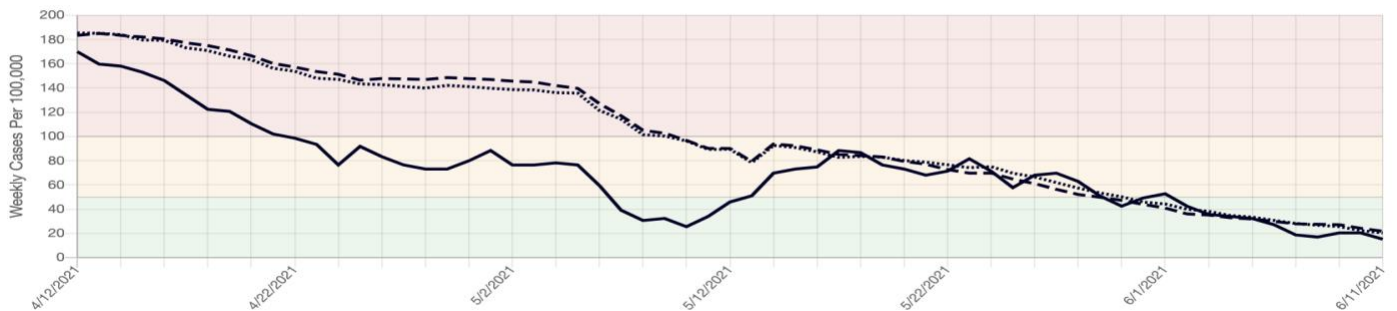### Rolling Average 7-Day COVID Positivity Rate
(Hover over the line to see the rate for a specific day)
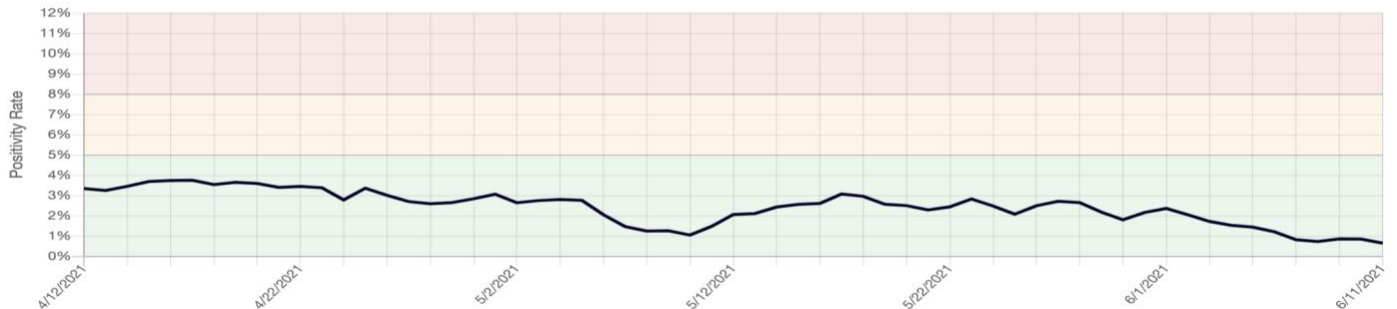
Weekly New Case Rate per 100,000 population
(Hover over the line to see the rate for a specific day)
(Solid - Selected Zip Codes; Dashed - Illinois; Dotted - Regional)

3. **D39 Regional Zip Codes** (Zip Codes for 93% of D39 Staff, including: 60004, 60005, 60015, 60016, 60018, 60025, 60026, 60030, 60031, 60035, 60040, 60044, 60045, 60047, 60048, 60053, 60056, 60060, 60061, 60062, 60067, 60068, 60069, 60070, 60073, 60074, 60076, 60077, 60085, 60089, 60090, 60091, 60093, 60201, 60202, 60610, 60611, 60613, 60614, 60618, 60622, 60625, 60626, 60630, 60631, 60634, 60640, 60641, 60642, 60645, 60646, 60647, 60654, 60656, 60657, 60659, 60660, 60712, 60714)

Data for 6/11/2021 (7-Day)

Rolling Average Number Tested per Day	7613.6
Rolling Average Number of Positive COVID Tests per Day	51.0
Rolling Average COVID Positivity Rate	0.67 %
Number of new cases (7-day) per 100,000 population	15.3

Data for 6/11/2021 (14-Day)

|	
Rolling Average COVID Positivity Rate	0.80 %
Number of new cases (14-day) per 100,000 population*	39.1

*10/08/2020: Number of new cases per 100,000 persons within the last 14 days is calculated by adding the number of new cases in the zip code in the last 14 days divided by the population in the zip code and multiplying by 100,000. (Aligned with CDC threshold guidelines)

11/06/2020: Beginning 11/6 IDPH began including "probable cases" in their totals. Thus we cannot separate actual cases from probable cases at the zip code level. Given that IDPH added multiple weeks of probable cases into the data for November 6, 2020, that particular day would appear to be a sudden spike. Thus we have excluded data from that date and resumed showing data as of November 7, 2020 (that includes actual and probable cases).

Over the Last Week:

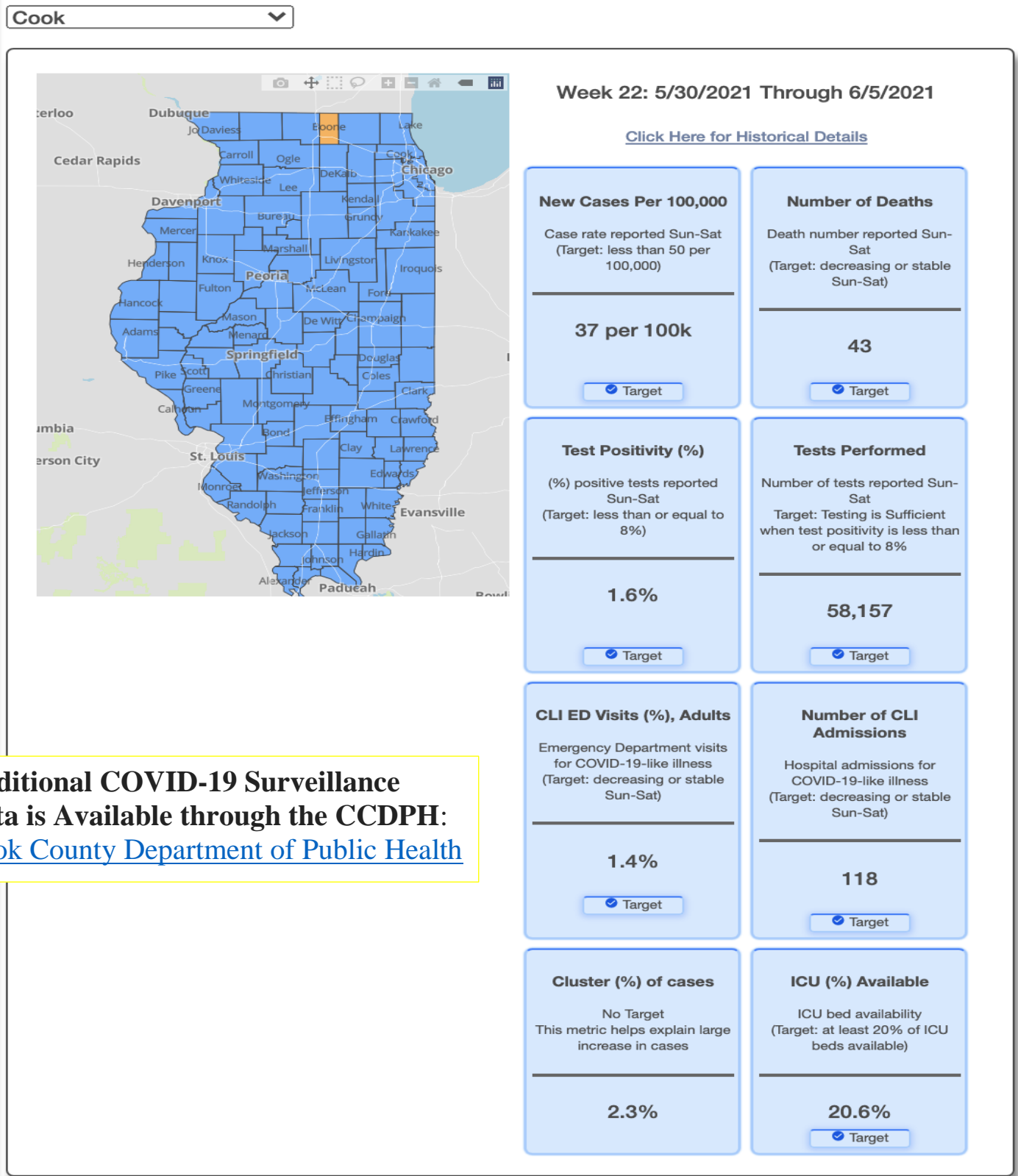|	6/4/2021	6/5/2021	6/6/2021	6/7/2021	6/8/2021	6/9/2021	6/10/2021
Tests per Day*	8704.7	8351.6	8337.7	8591.6	8633.3	8790.1	8571.1
Cases per Day*	79.0	79.3	73.0	69.0	67.3	69.1	56.1
Positivity Rate*	0.91 %	0.95 %	0.88 %	0.80 %	0.78 %	0.79 %	0.66 %
Number of new cases (7-day) per 100,000 population	23.8	23.9	22.0	20.8	20.3	20.8	16.9

* Calculated as 7-day rolling averages

Rolling Average 7-Day COVID Positivity Rate
(Hover over the line to see the rate for a specific day)
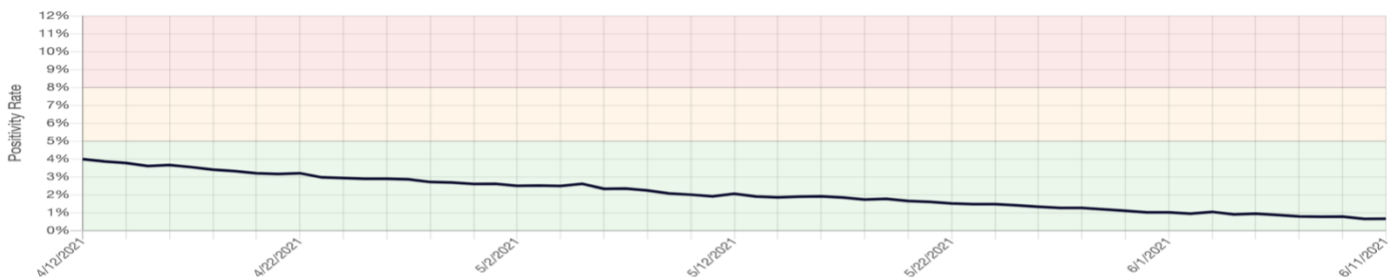
Weekly New Case Rate per 100,000 population
(Hover over the line to see the rate for a specific day)
(Solid - Selected Zip Codes; Dashed - Illinois; Dotted - Regional)
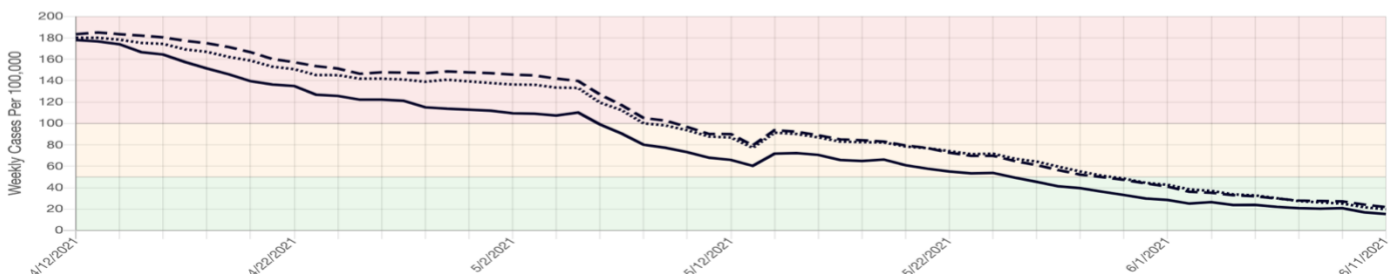
Cook County Level COVID-19 Risk Metrics: **Metrics**

1. "Cook" County = Suburban Cook
2. **Description** of these Metrics
3. Additional COVID-19 Surveillance Data by Age and Other Factors: **Cook County Department of Public Health**

Screenshot of data as displayed on Friday.

Cook ▼

Week 22: 5/30/2021 Through 6/5/2021

Click Here for Historical Details

New Cases Per 100,000

Case rate reported Sun-Sat
(Target: less than 50 per 100,000)

37 per 100k

✔ Target

Number of Deaths

Death number reported Sun-Sat
(Target: decreasing or stable Sun-Sat)

43

✔ Target

Test Positivity (%)

(%) positive tests reported Sun-Sat
(Target: less than or equal to 8%)

1.6%

✔ Target

Tests Performed

Number of tests reported Sun-Sat
Target: Testing is Sufficient when test positivity is less than or equal to 8%

58,157

✔ Target

CLI ED Visits (%), Adults

Emergency Department visits for COVID-19-like illness
(Target: decreasing or stable Sun-Sat)

1.4%

✔ Target

Number of CLI Admissions

Hospital admissions for COVID-19-like illness
(Target: decreasing or stable Sun-Sat)

118

✔ Target

Cluster (%) of cases

No Target
This metric helps explain large increase in cases

2.3%

ICU (%) Available

ICU bed availability
(Target: at least 20% of ICU beds available)

20.6%

✔ Target

Additional COVID-19 Surveillance Data is Available through the CCDPH: Cook County Department of Public Health

Governor's Restore Illinois Plan: Metrics

1. Region 10 Illinois Region COVID-19 Resurgence Data

Screenshot of data displayed on Friday.

Region 10 Test Positivity

Date	Positive Tests	Total Tested	Daily Test Positivity	Test Positivity 7-Day Rolling Avg
5/29/2021	154	8,063	1.9	2.3
5/30/2021	120	5,319	2.3	2.1
5/31/2021	115	5,563	2.1	2.1
6/1/2021	83	6,325	1.3	1.9
6/2/2021	132	9,435	1.4	1.8
6/3/2021	201	13,155	1.5	1.7
6/4/2021	123	9,571	1.3	1.6
6/5/2021	136	8,789	1.5	1.6
6/6/2021	95	6,204	1.5	1.5
6/7/2021	93	6,419	1.4	1.4
6/8/2021	95	7,515	1.3	1.4

Region 9, 10 and 11 Illinois Region COVID-19 Resurgence Data

Screenshot of data displayed on Friday.

Region 9 (Includes Lake and McHenry County)	Region 10 (Includes Suburban Cook County)	Region 11 (Includes Chicago)
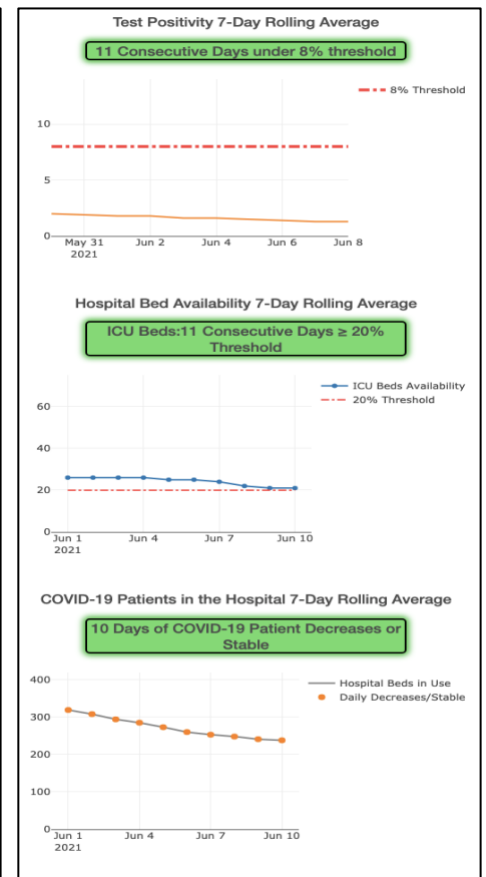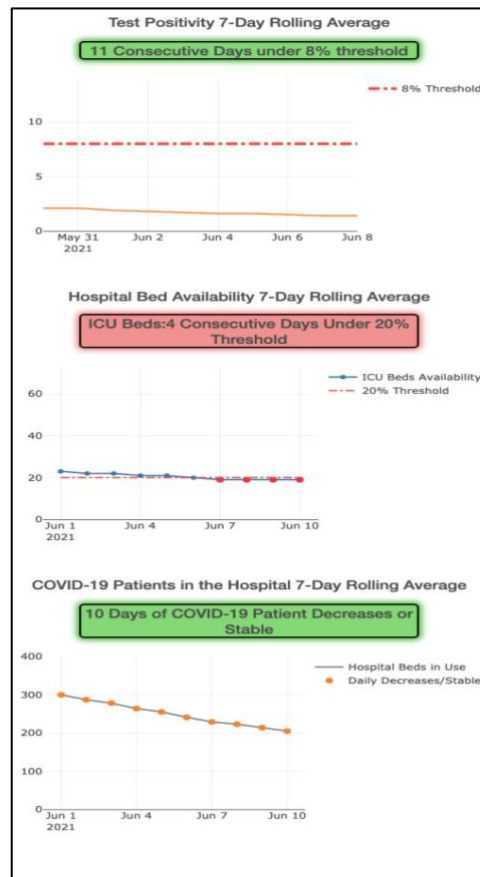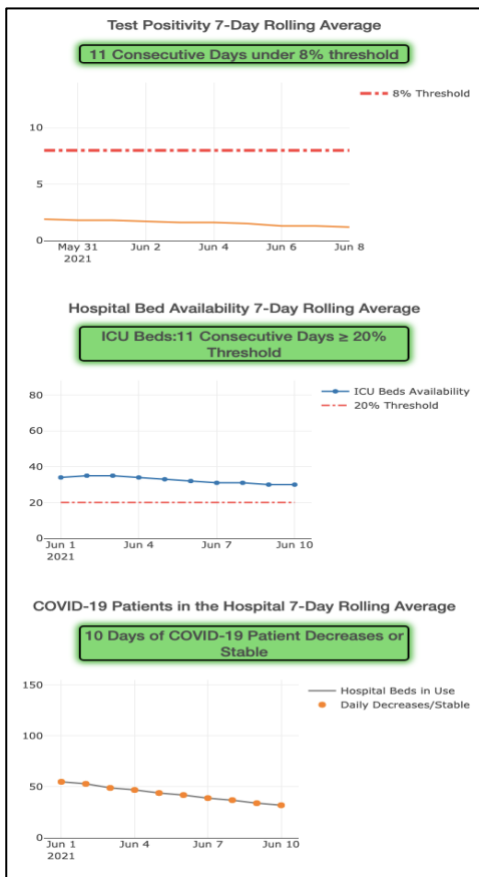
COVID-19 Positive Cases Reported in D39

Data reported as of Friday at 4:00 pm. Notices for cases are provided under COVID-19 Communications on Metrics Dashboard page.

- D39 Students (Tracked by School Nurses)
- D39 Staff (Tracked by Human Resources Department)

New COVID Positive Incidents among Students and Staff
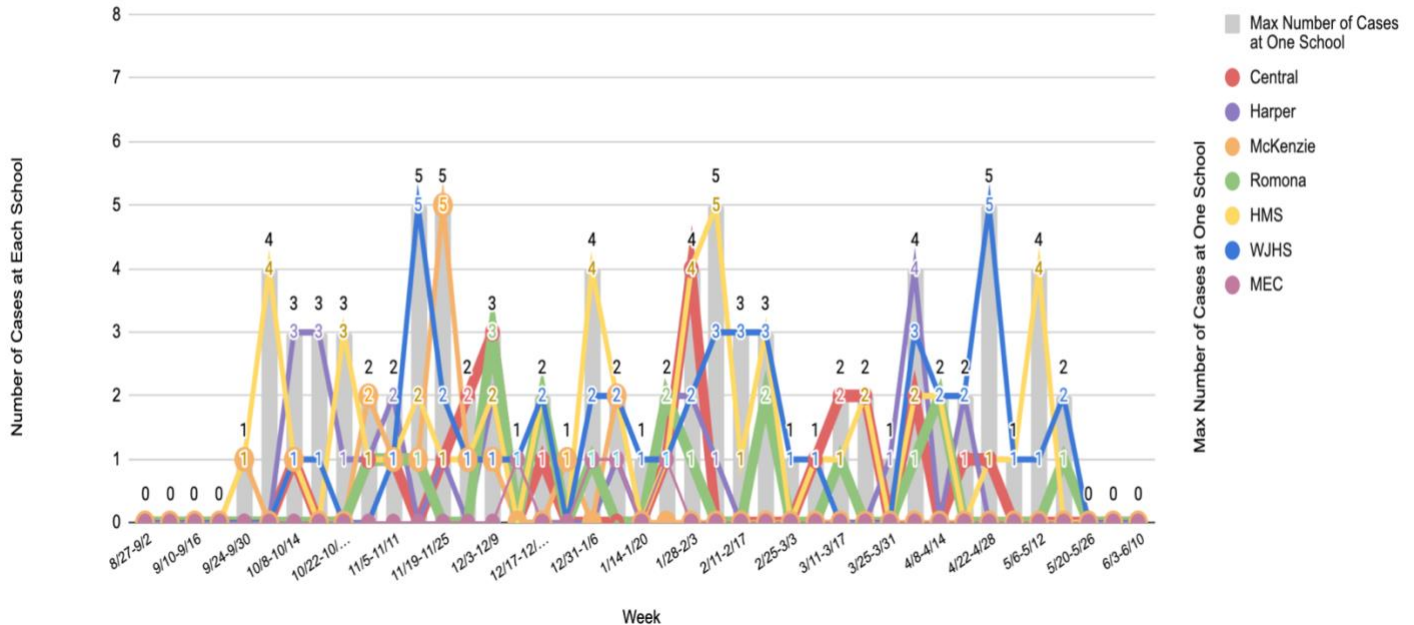Weekly Total Count for District
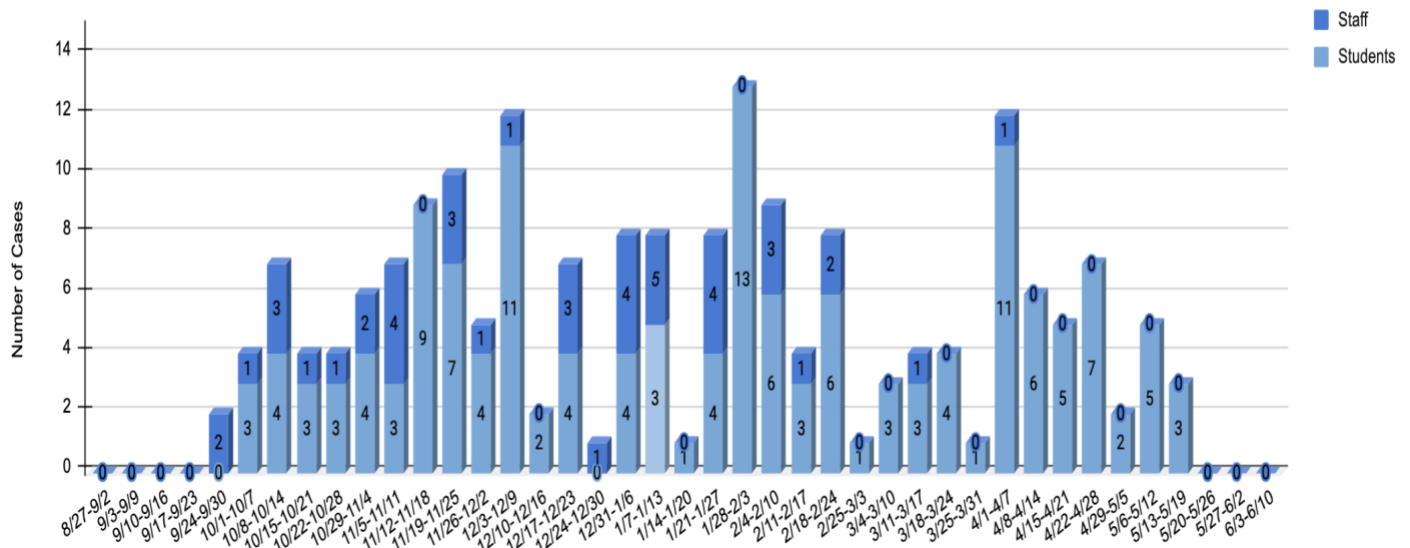
- Max Number of Cases at One School

The chart below reflects a compilation of the data reported on the previous page by school.

Data reported as of Friday at 4:00 pm. Notices for cases are provided under COVID-19 Communications on Metrics Dashboard page.

Weekly New COVID Positive Incidents Per School
Staff and Students Combined

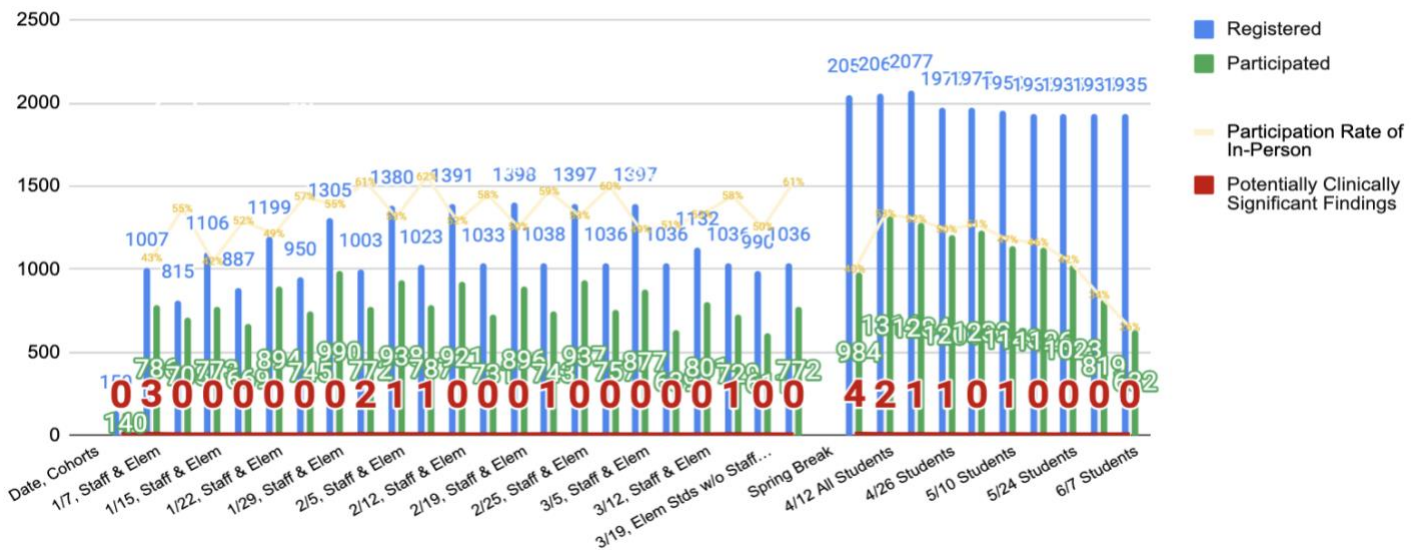**SafeGuard Screening Metrics**
Data reported as of Friday.

Student Registration for SafeGuard Screening
Registration of In-Person Students

Not Registered/Removed
21.1%

527

1975

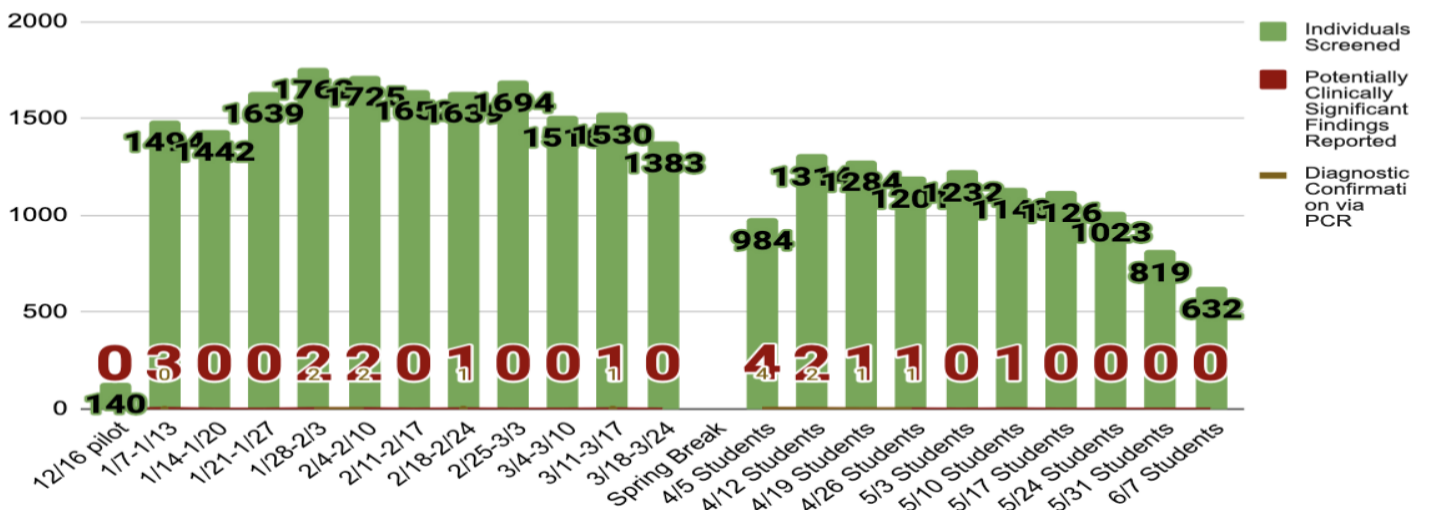Registered to Participate
78.9%
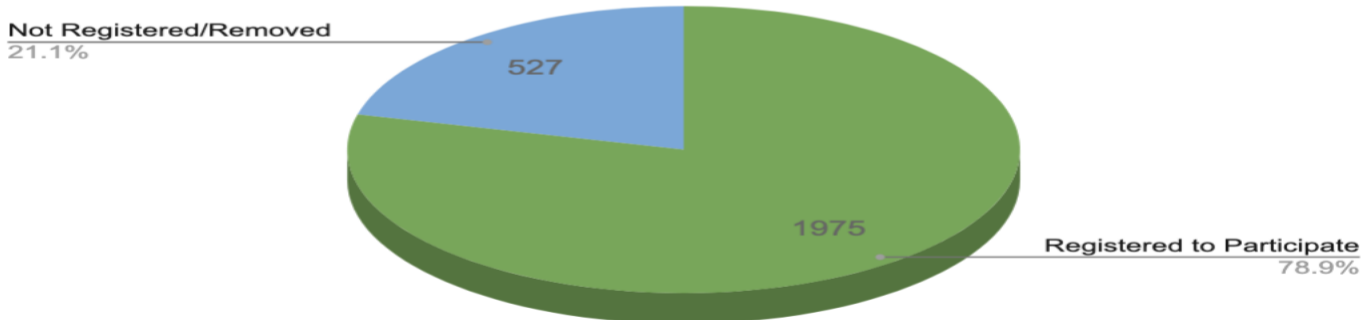
Note: Staff participation has discontinued as staff completed their vaccine cycle. More than 94% of staff are now fully vaccinated.

SafeGuard Screening Experience

Legend:
- Registered
- Participated
- Participation Rate of In-Person
- Potentially Clinically Significant Findings

Weekly Summary of Screening

Legend:
- Individuals Screened
- Potentially Clinically Significant Findings Reported
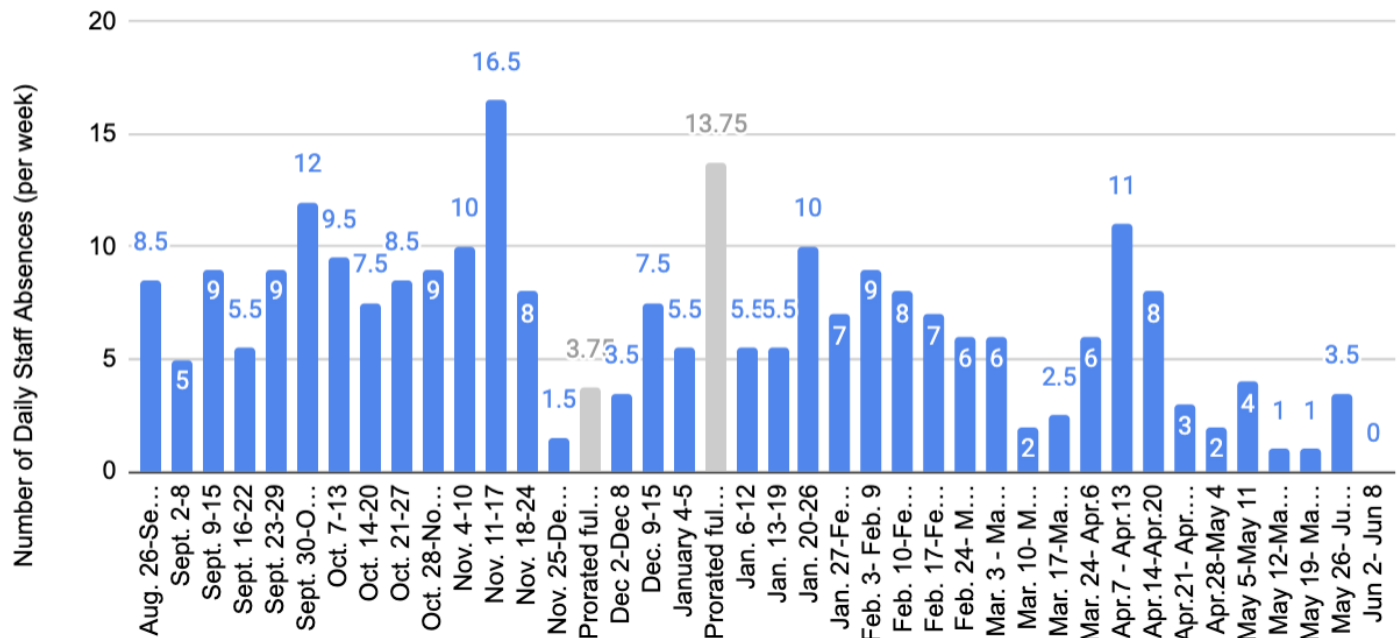- Diagnostic Confirmation via PCR

Staffing Levels - (Tracked by Human Resources Department via Frontline)
Data reported as of noon on Wednesday for each week.
- Certificated Staff Sick Day Absences (382 employees; 1,910 work days per week)

Certified Staff Absences
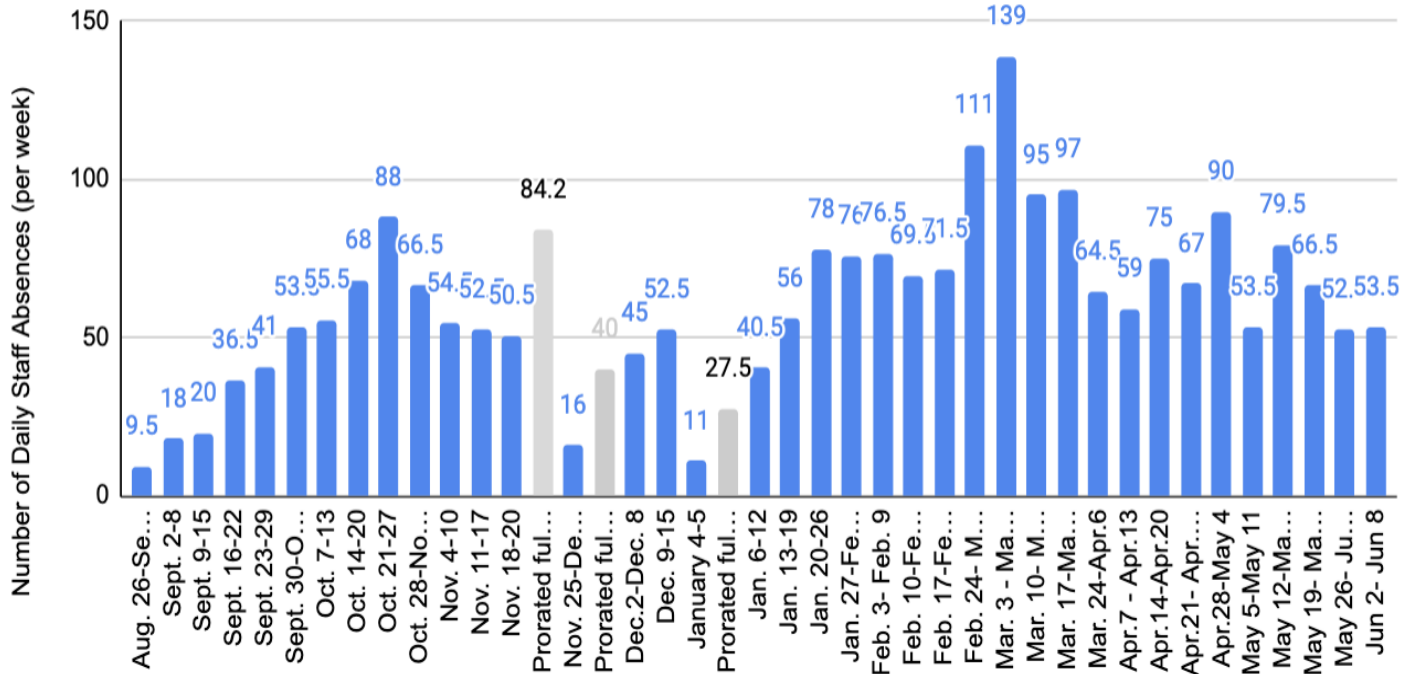
- Custodial Staff Sick Day Absences (34 employees; 170 work days per week)
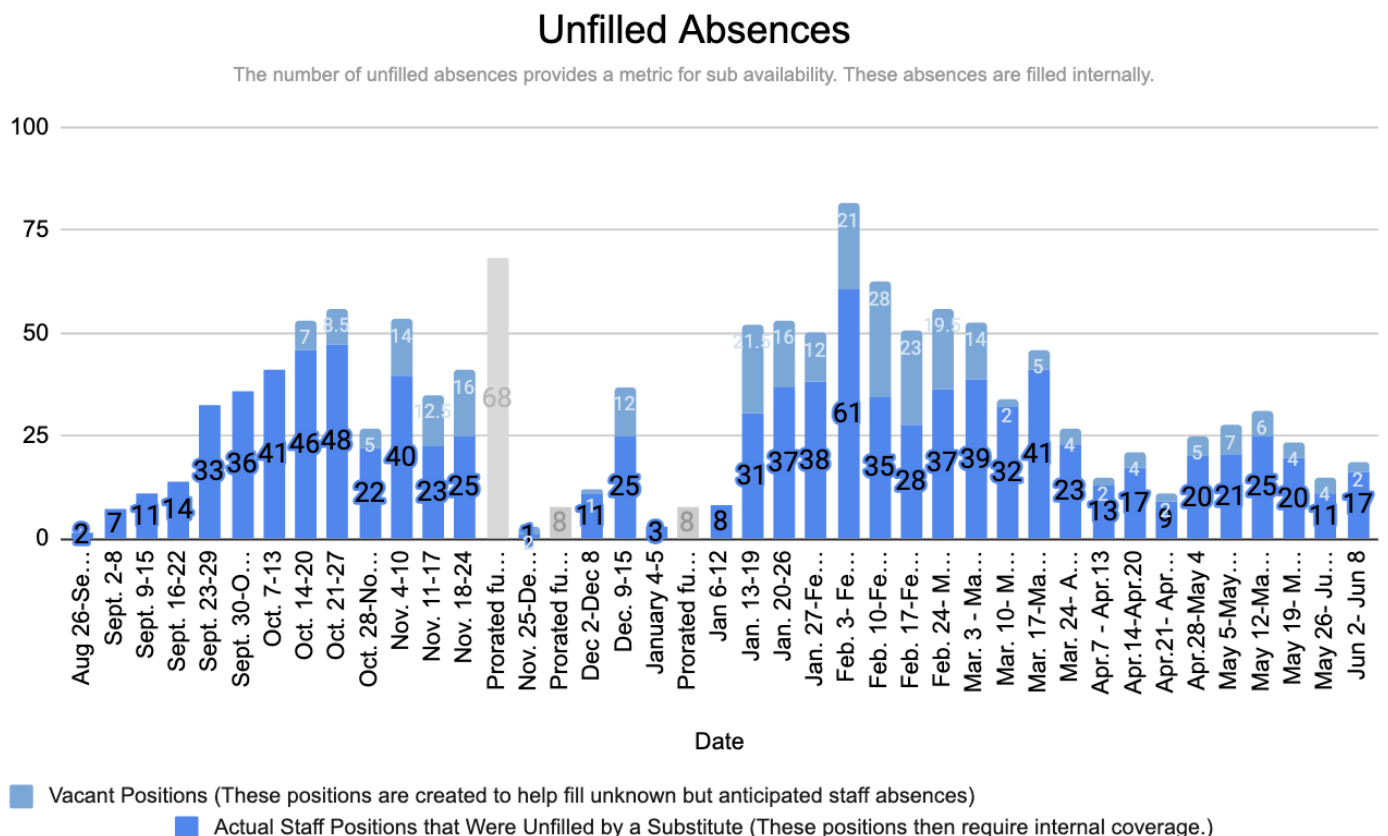
Custodian Absences

Note: The grey bar estimates absences based on those in the first half of the week.

- Support Staff Absences (152 employees; 760 work days per week)

Support Staff Absences
(excluding custodians)
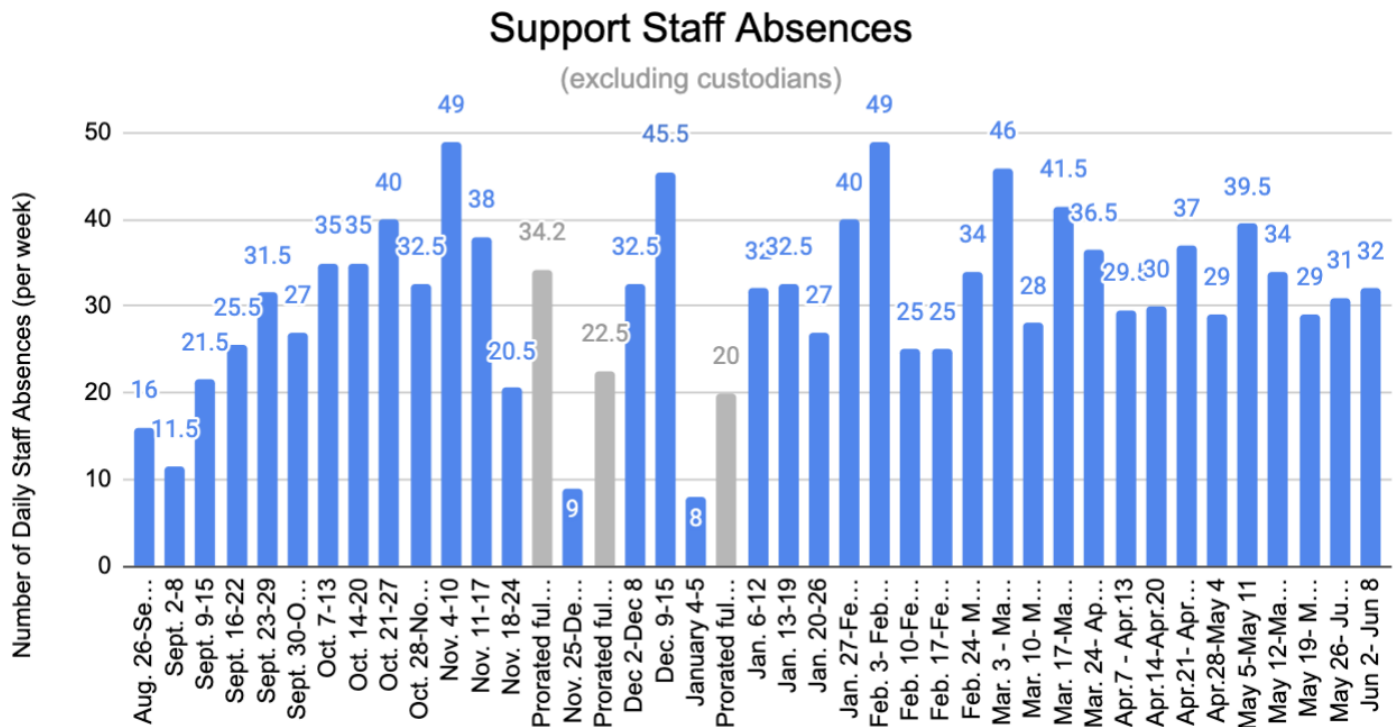
- Availability of Substitutes (As Measured by Unfilled Substitute Positions; Filled Internally)

Unfilled Absences

The number of unfilled absences provides a metric for sub availability. These absences are filled internally.

■ Vacant Positions (These positions are created to help fill unknown but anticipated staff absences)
■ Actual Staff Positions that Were Unfilled by a Substitute (These positions then require internal coverage.)

Note: Unfilled absences have been delineated between actual staff positions that were unfilled and unfilled vacant positions of preemptive substitute positions created to help fill unknown but anticipated absences.
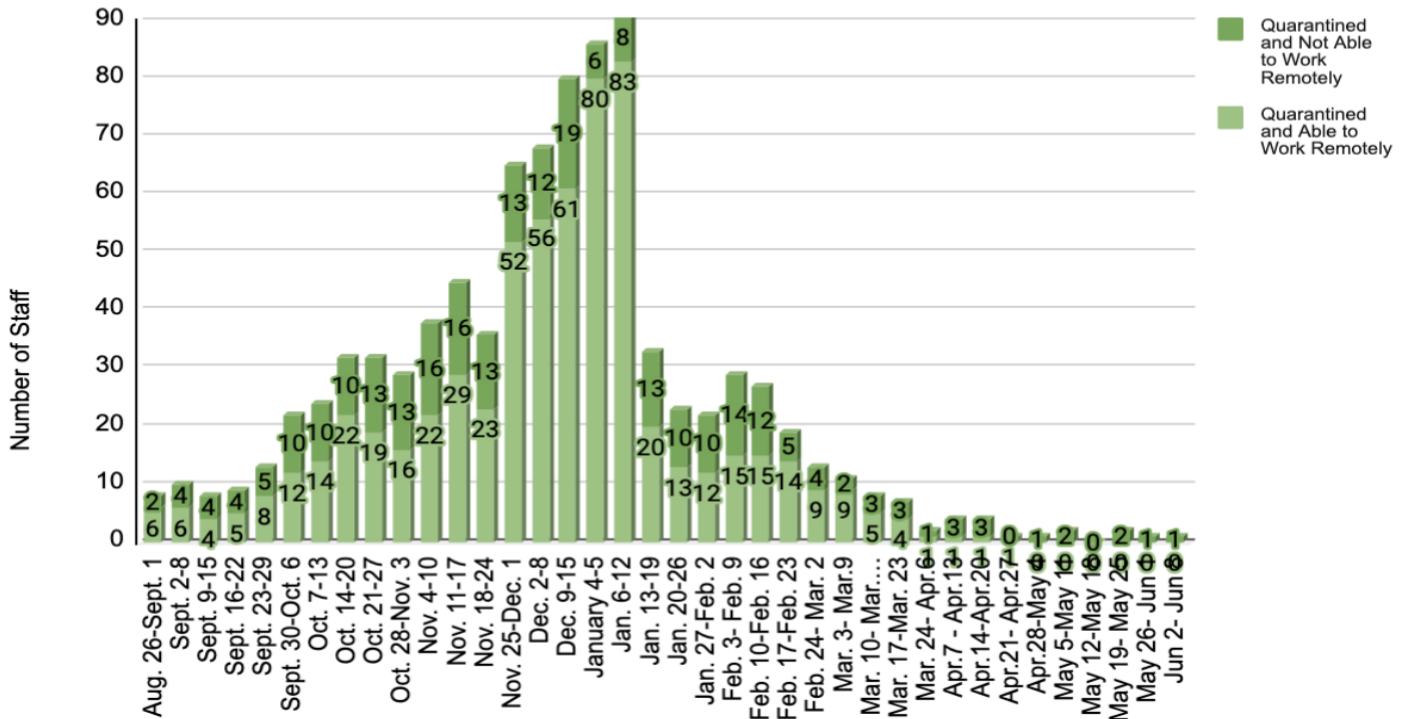
Staff Quarantine Rates (COVID Days)
- Staff Working While on Quarantine
- Staff Not Working While on Quarantine
  Data reported as of noon on Wednesday for each week.

Staff on Quarantine

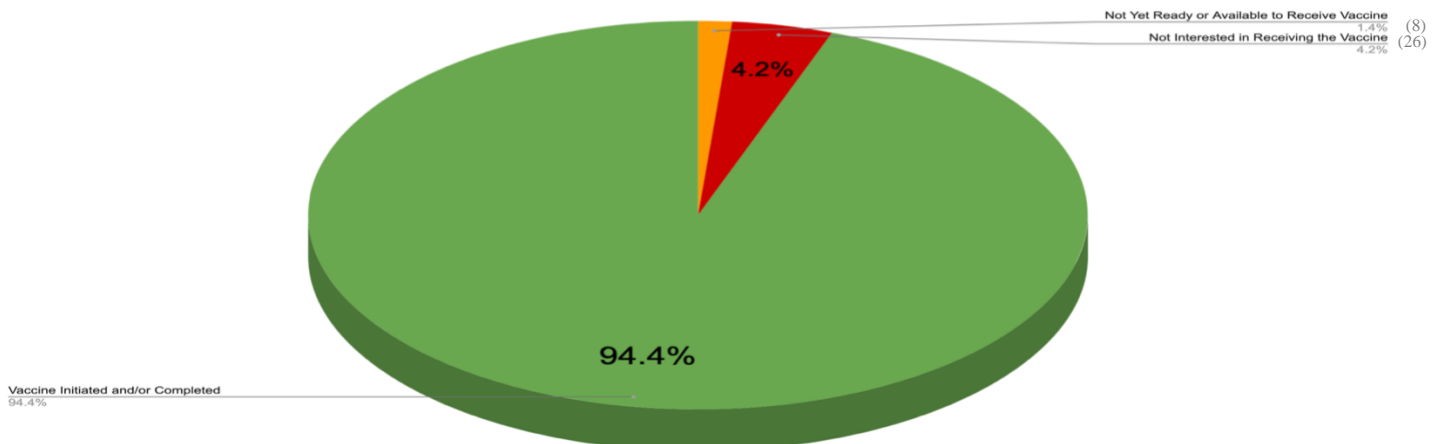(Individual staff count; Does not include staff associated with a classroom on quarantine)

Note: Staff quarantines have remained consistently low since full access to the vaccine was provided. This week's report reflects zero staff in quarantine.

Vaccine Status

574 D39 Employees Reporting.

(Employees indicating a need for assistance accessing a vaccine appointment = 0%)

Not Yet Ready or Available to Receive Vaccine
1.4% (8)
Not Interested in Receiving the Vaccine (26)
4.2%

4.2%

94.4%

Vaccine Initiated and/or Completed
94.4%

Note: Full access to the vaccine is now readily available to all Illinois residents 16 years and older. **These data reflect staff vaccination status reported to the district as of 4/28/21.**

Student Absences (Tracked within Student Information System)
- Daily Student Absences

District Student Absence Rates
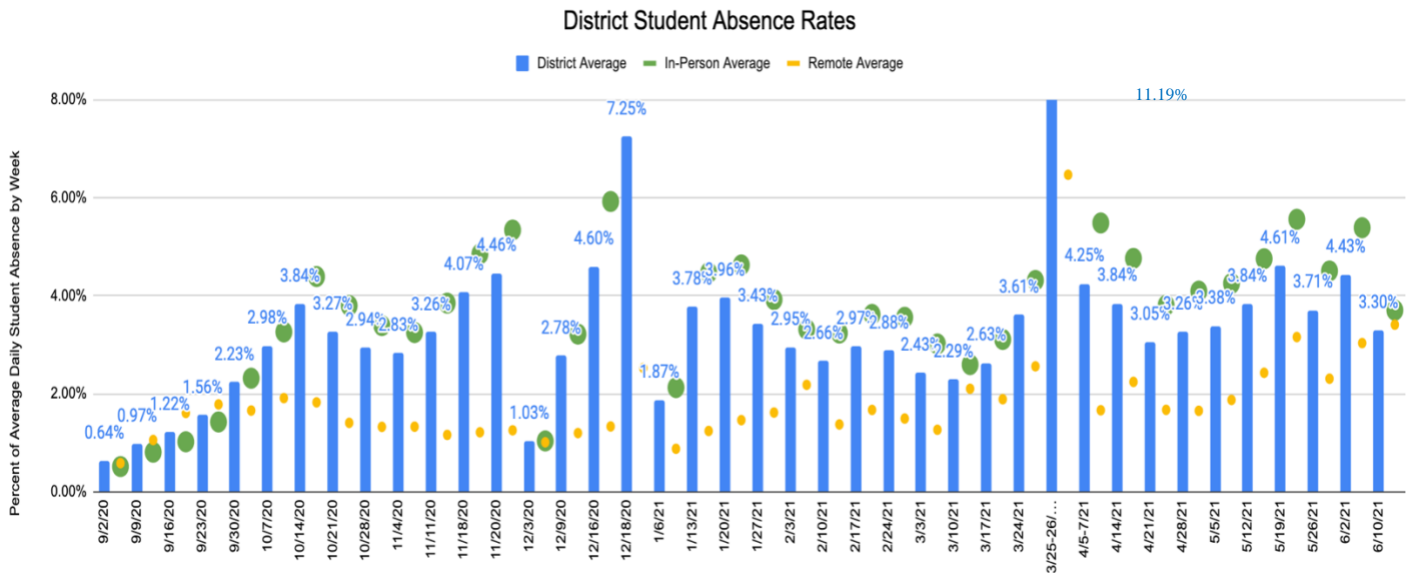
Note: Data for 3/26-27/21 reflect the 2 days before spring break. Absence rates are typically high during the few days before spring break as families leave early for travel, and this year's data reflected this trend. Data for 4/5-7/21 reflect the 3 days of school after spring break.

Targets for Student Absences			
	Substantial	Moderate	Minimal
Weekly Average by District	>7%	<=6% to >4%	<=4%

Typical annual student attendance in District 39 in 95.7% (ISBE Report Card). Thus, typical student absence rates are approximately 4.3%.

Class Quarantine Rates

Data reported as of noon on Wednesday for each week reflecting the number of classrooms placed onto quarantine, as well as the number of students and staff associated placed onto quarantine as part of the classroom quarantine.

Classroom Placed on Quarantine
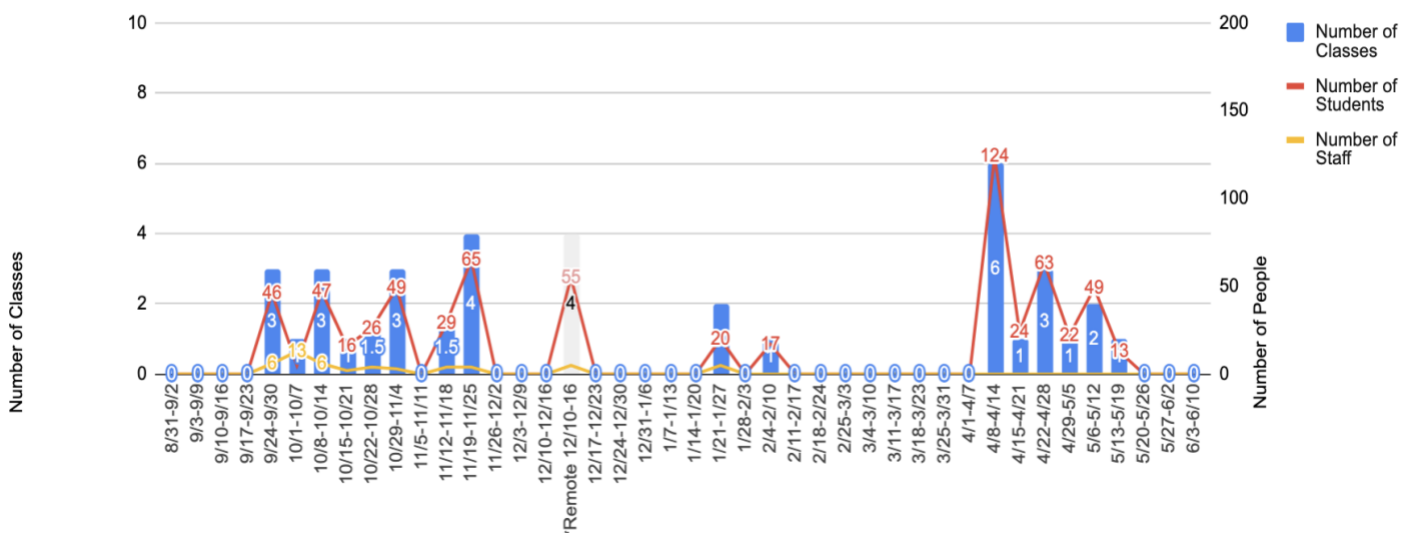
Note: The above chart reflects the classrooms placed onto quarantine each week. Please note that most quarantines last for 10-14 days.

Note: The grey bar indicates a classroom moved to remote due to staffing without quarantine.

Effective Instruction

1. Engagement Levels in Remote Learning

   A Targeted Review of the D39 Enhanced Fully Remote Learning Program was conducted. A Report of Findings was presented at the October Board of Education Meeting (Agenda & Video). Follow-up action steps and improvement efforts were discussed and initiated, and will be presented at the October Board Committee of the Whole Meeting.

   A Targeted Review of the D39 In-Person Learning Program was conducted. A Report of Findings was presented at the November Board of Education Meeting (Agenda & Video). Follow-up action steps and improvement efforts will be discussed and initiated, and will be presented at the December Board Committee of the Whole Meeting.

2. Learning Progress of Students

   In the winter, the district administered the NWEA MAP assessment to students in grades 2-8 as a benchmark of students' academic achievement and growth. The 2021 Winter Benchmark Assessment Report will be presented at the March Board of Education Committee of the Whole Meeting (Agenda & Video). (Links to these will be provided once available.)

   In the fall, the district administered the NWEA MAP assessment to students in grades 2-8 to evaluate academic achievement and growth. The 2020 Fall Assessment Report was presented at the November Board of Education Meeting (Agenda & Video).

   In the winter, the district administered the NWEA MAP assessment to students in grades 2-8 as a mid-year check point on academic achievement and growth. The Winter 2021 Winter Mid-Year Check Point Presentation Report was be presented at the March Committee of the Whole Board of Education Meeting (Presentation, Agenda & Video.)

   A detailed data review was conducted as part of the District 39 Strategic Planning Process. This review included a review of student achievement and growth data (Presentation Slides & Video).

2. **Current Scientific Research**: The research on SARS-CoV2 and COVID-19 continues to develop rapidly. The latest findings on spread, mitigation, treatment, and health impact will inform the District's decision-making process.

Center for Disease Control and Prevention
On February 12, 2021, the Center for Disease Control and Prevention (CDC) issued updated guidance for school reopening. This guidance can be found here.

Illinois State Board of Education and Illinois Department of Public Health
On Tuesday, March 9, 2021, the Illinois State Board of Education (ISBE) and the Illinois Department of Education (IDPH) issued Revised Public Health Guidance for Schools. This guidance can be found here.