

# COVID Data

February 25, 2022

# New CDC Metrics for COVID-19 Community Levels

February 25, 2022

**COVID-19 Community Levels – Use the Highest Level that Applies to Your Community**

New COVID-19 Cases Per 100,000 people in the past 7 days	Indicators	Low	Medium	High
Fewer than 200	New COVID-19 admissions per 100,000 population (7-day total)	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0%	10.0-14.9%	≥15.0%
200 or more	New COVID-19 admissions per 100,000 population (7-day total)	NA	<10.0	≥10.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	NA	<10.0%	≥10.0%

The COVID-19 community level is determined by the higher of the new admissions and inpatient beds metrics, based on the current level of new cases per 100,000 population in the past 7 days

# Scott County's COVID-19 Community Level

Low	Medium	High
Scott County		

# What Prevention Steps Should You Take Based on Your COVID-19 Community Level?

Low	Medium	High
<ul style="list-style-type: none"><li>• Stay <a href="#">up to date</a> with COVID-19 vaccines</li><li>• <a href="#">Get tested</a> if you have symptoms</li></ul>	<ul style="list-style-type: none"><li>• If you are <a href="#">at high risk for severe illness</a>, talk to your healthcare provider about whether you need to wear a mask and take other precautions</li><li>• Stay <a href="#">up to date</a> with COVID-19 vaccines</li><li>• <a href="#">Get tested</a> if you have symptoms</li></ul>	<ul style="list-style-type: none"><li>• Wear a <a href="#">mask</a> indoors in public</li><li>• Stay <a href="#">up to date</a> with COVID-19 vaccines</li><li>• <a href="#">Get tested</a> if you have symptoms</li><li>• Additional precautions may be needed for people <a href="#">at high risk for severe illness</a></li></ul>

People may choose to mask at any time. People with symptoms, a positive test, or exposure to someone with COVID-19 should wear a mask.

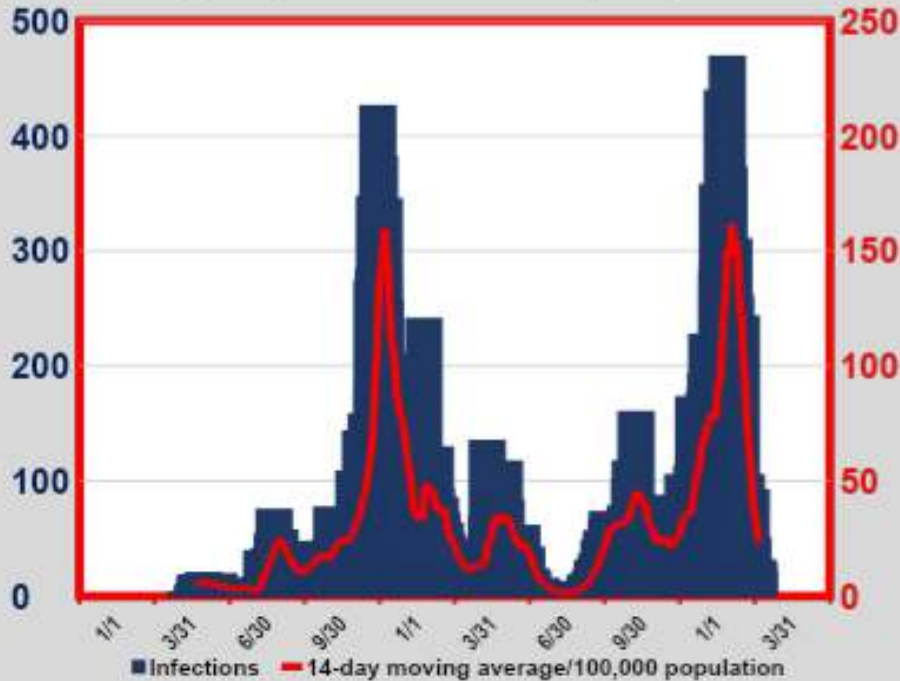
If you are immunocompromised, learn more about [how to protect yourself](#).

# Scott County Data

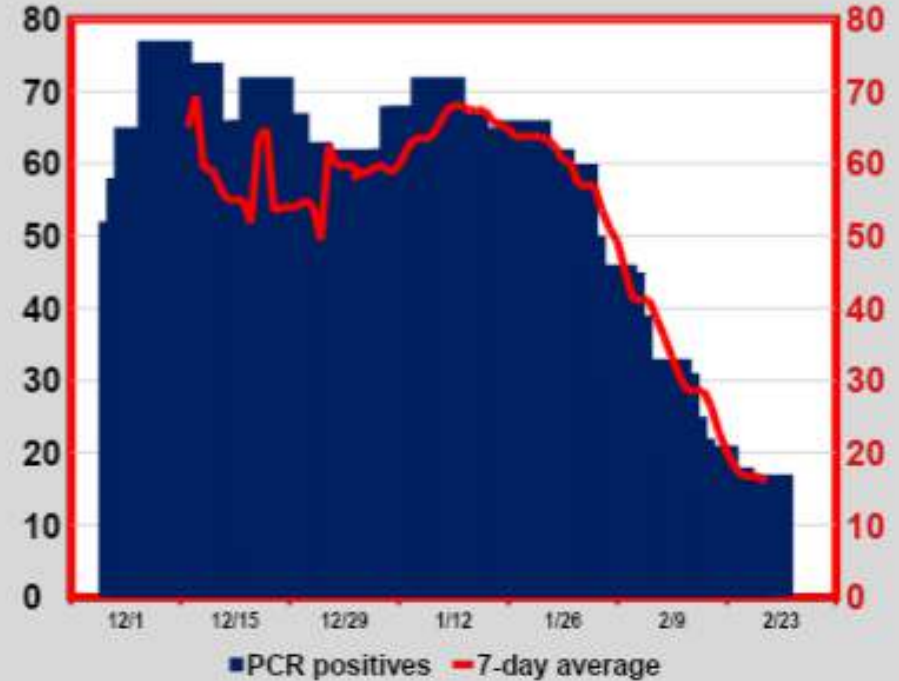
As reported prior to February 23,  
2022 and still available

# Epidemic status 21 Feb 2022, SCHD

**Infections and 14-day moving average**  
SCHD; 1 July 2021-21 Feb. 2022  
Cumulative infections = 41,034  
7-day test positive rate = 10.5% (CDC)



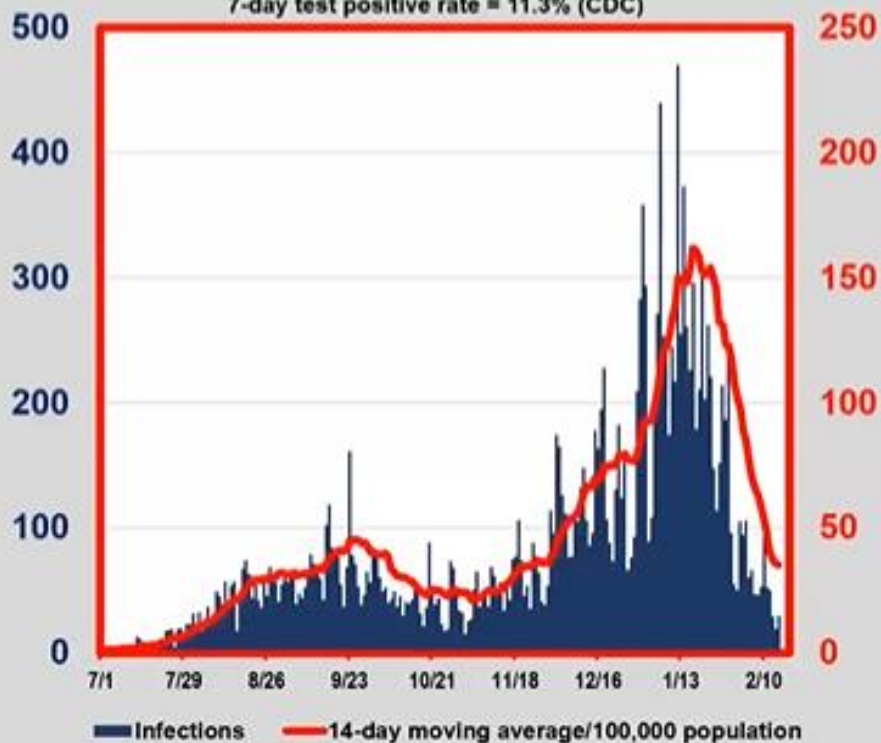
**PCR positive inpatients GHS**  
and 7-day moving average  
GHS all campuses  
1 Dec 2021-21 Feb 2022



# Epidemic status 15 Feb 2022, SCHD

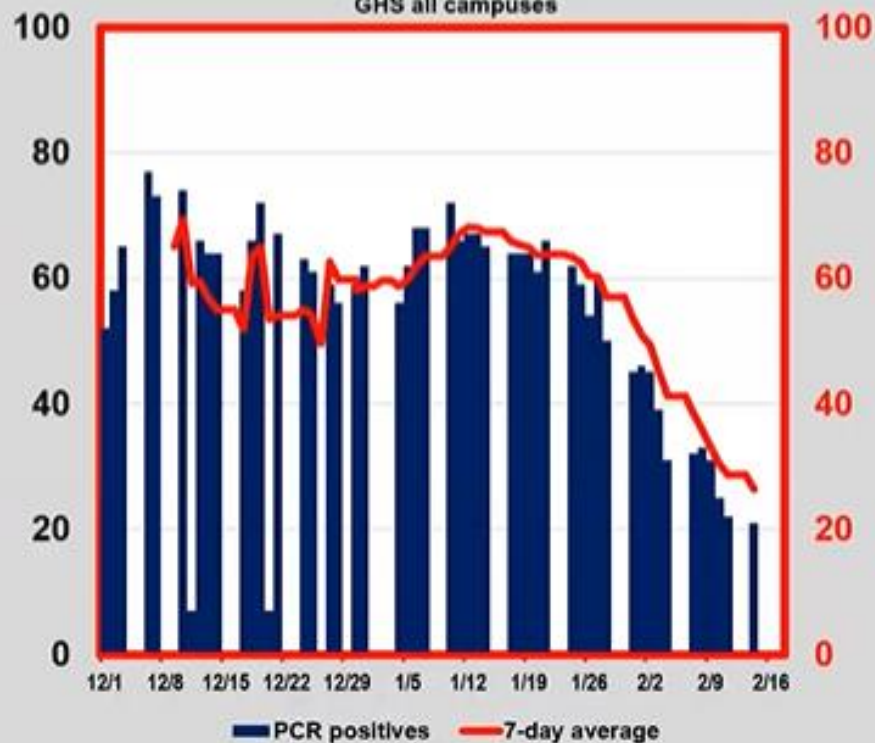
Infections and 14-day moving average  
SCHD; 1 July 2021-15 Feb. 2022

Cumulative infections = 40,892  
7-day test positive rate = 11.3% (CDC)



PCR-positive inpatients GHS  
and 7-day moving average

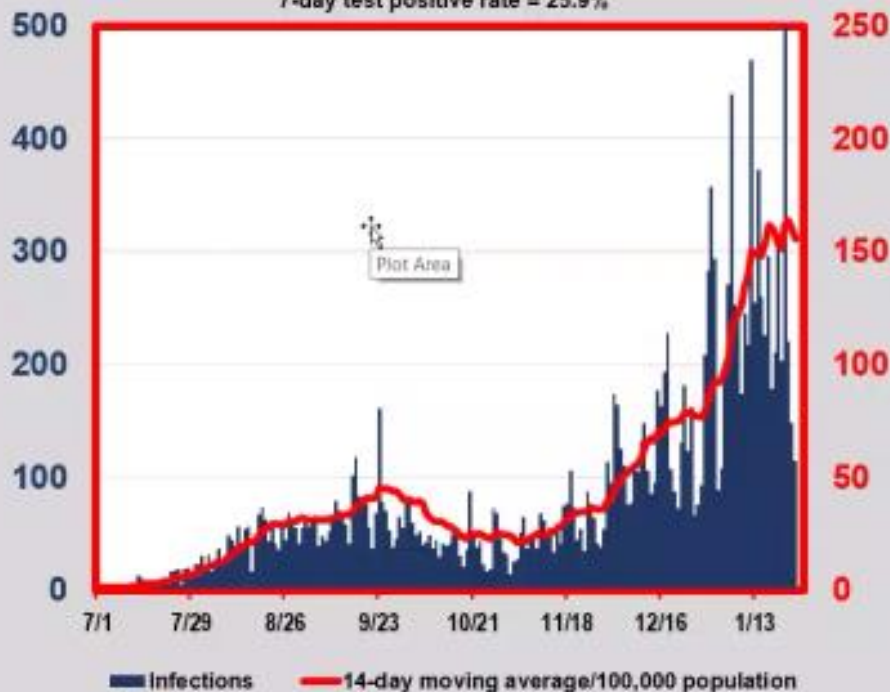
1 Dec 2021-14 Feb 2022  
GHS all campuses



# Epidemic status 24 Jan 2022, SCHD

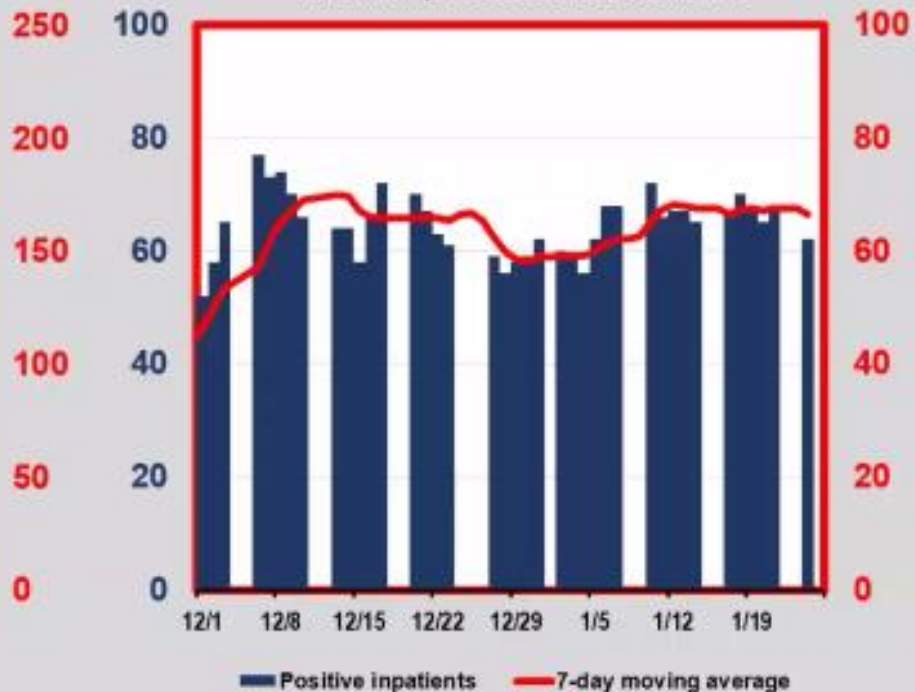
## Infections and 14-day moving average

SCHD: 1 Jul 2021-25 Jan 2022  
Cumulative infections = 38,593  
7-day test positive rate = 25.9%



## PCR positive inpatients GHS and 7-day moving average

GHS all campuses 1 Dec 2021-24 Jan 2022



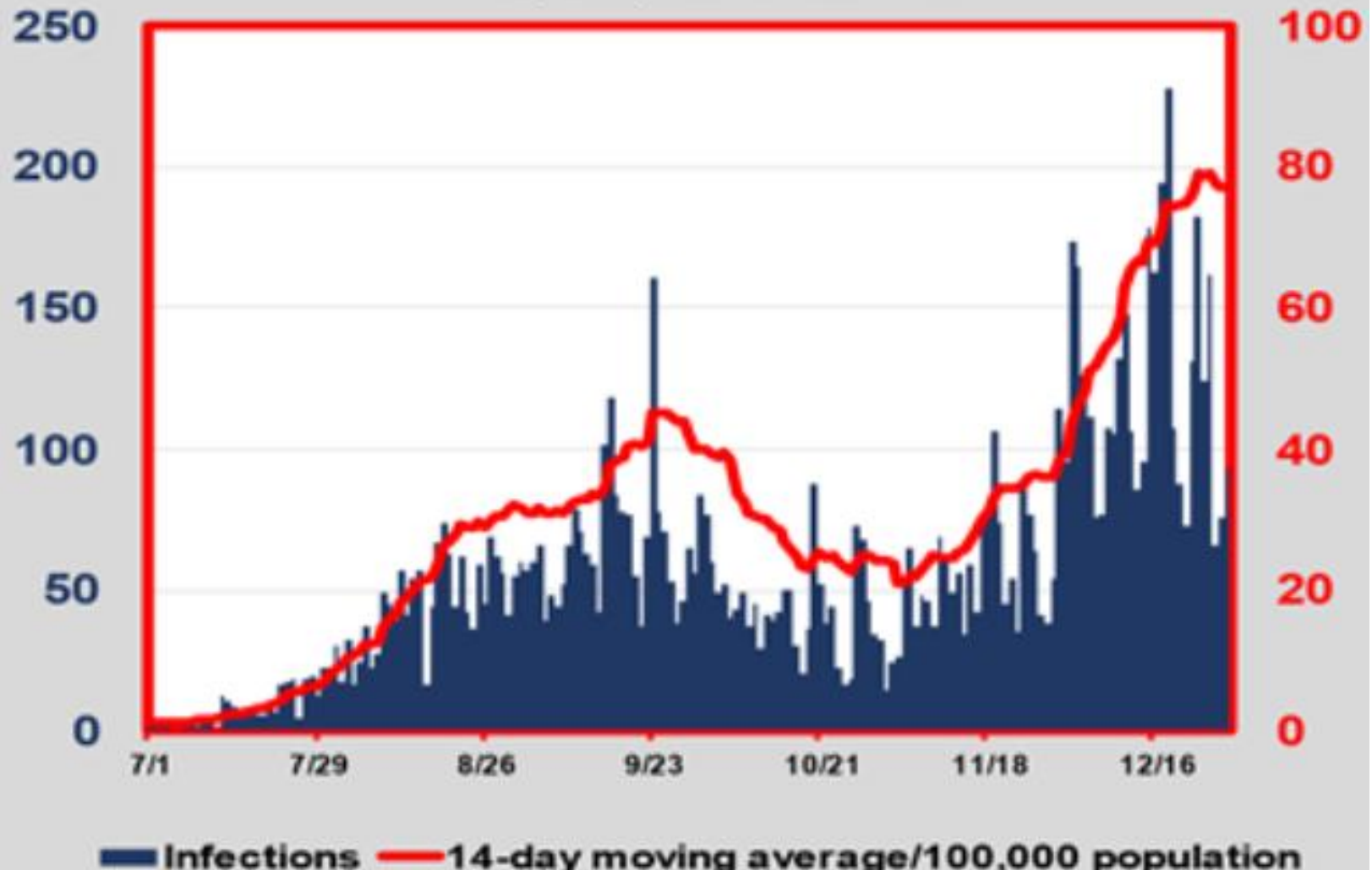
# Epidemic status 28 Dec.

## Infections and 14-day moving average

SCHD 1 Jul-28 Dec 2021

Cumulative infections (with eplinked) = 31,452

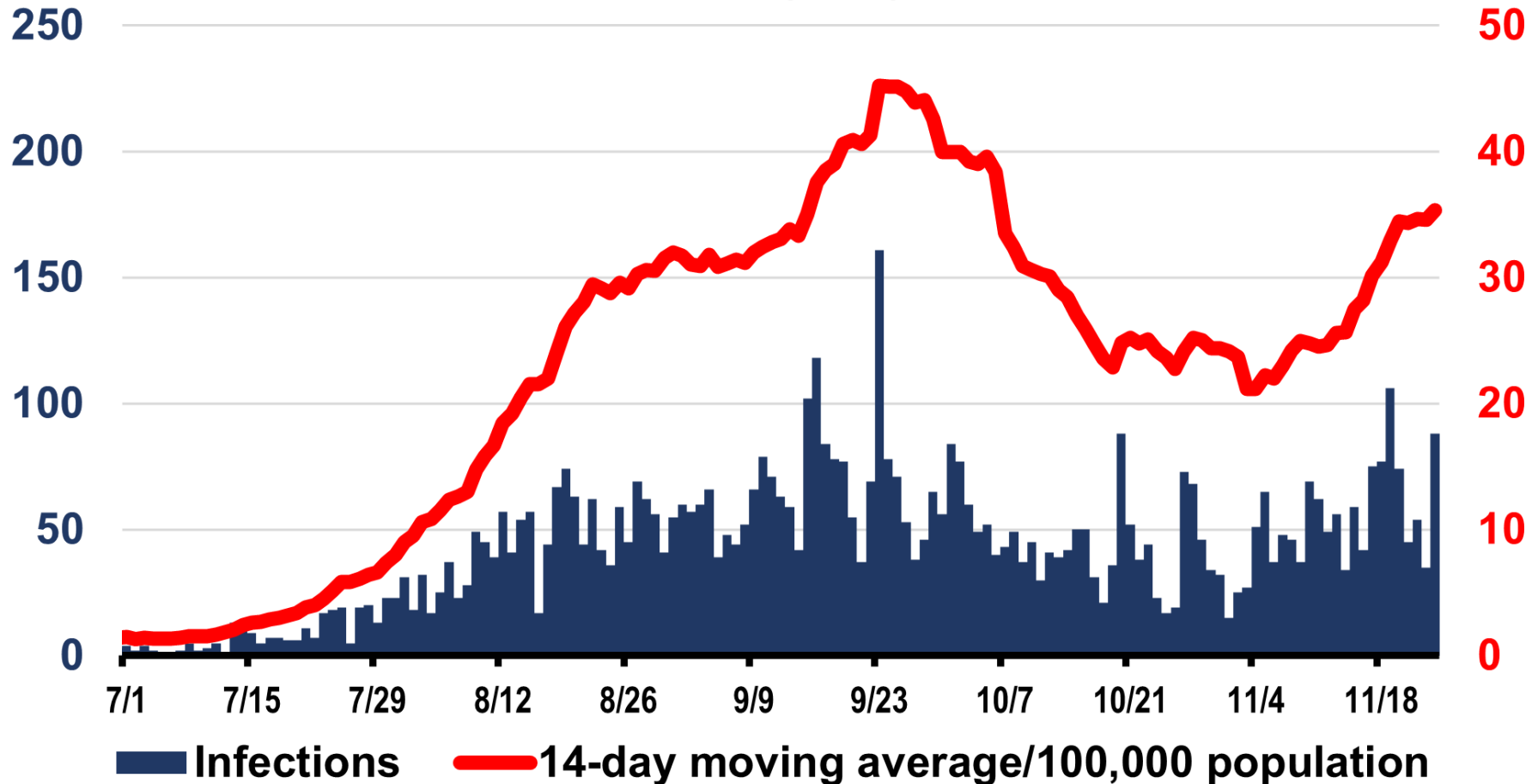
14-day test positive rate = 15.6%



# Infections and 14-day moving average

SCHD 1 Jul-24 Nov 2021

Cumulative infections (with epi-linked) = 27,593 7-day test positive rate (CDC) = 9.9%



# Infections and 14-day moving average

SCHD 1 July-27 Oct 2021

Cumulative infections = 25,904

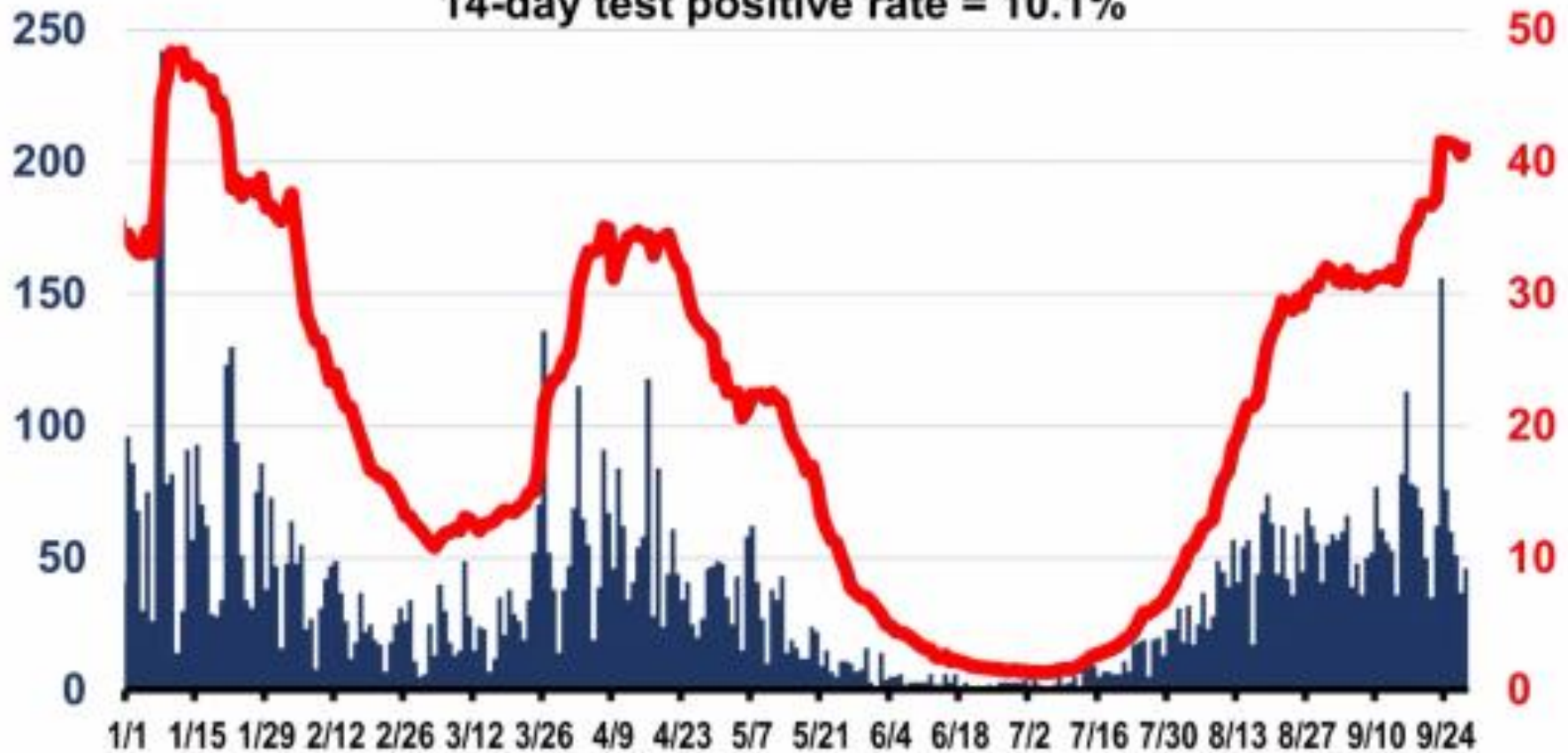
7-day test positive rate = 8.6%



■ Infections

— 14-day moving average/100,000 population

**Infections and 14-day moving average**  
**SCHD 1 Jan-29 Sep 2021**  
Cumulative infections (incl. epi-linked) = 24,654  
14-day test positive rate = 10.1%

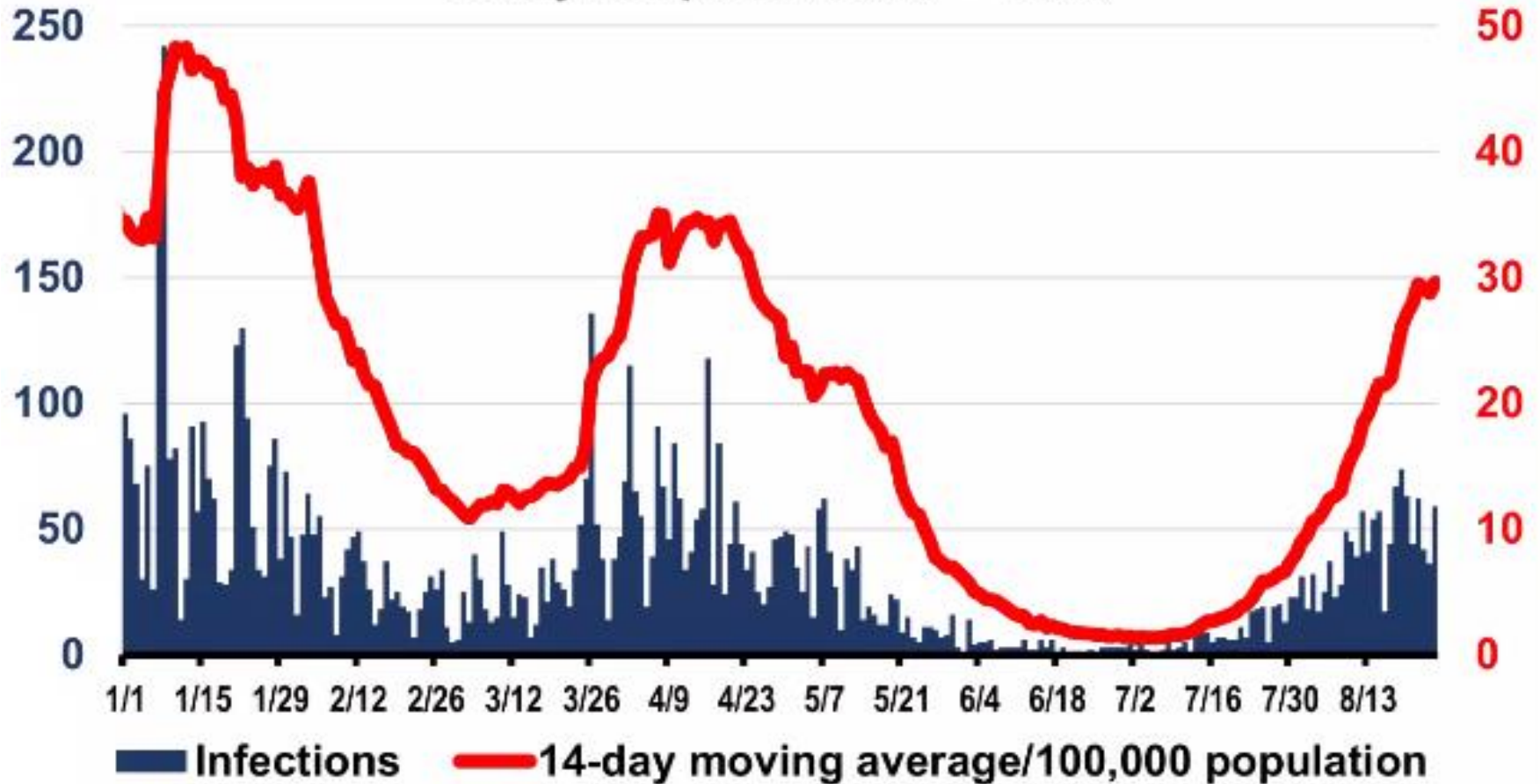


# Infections and 14-day moving average

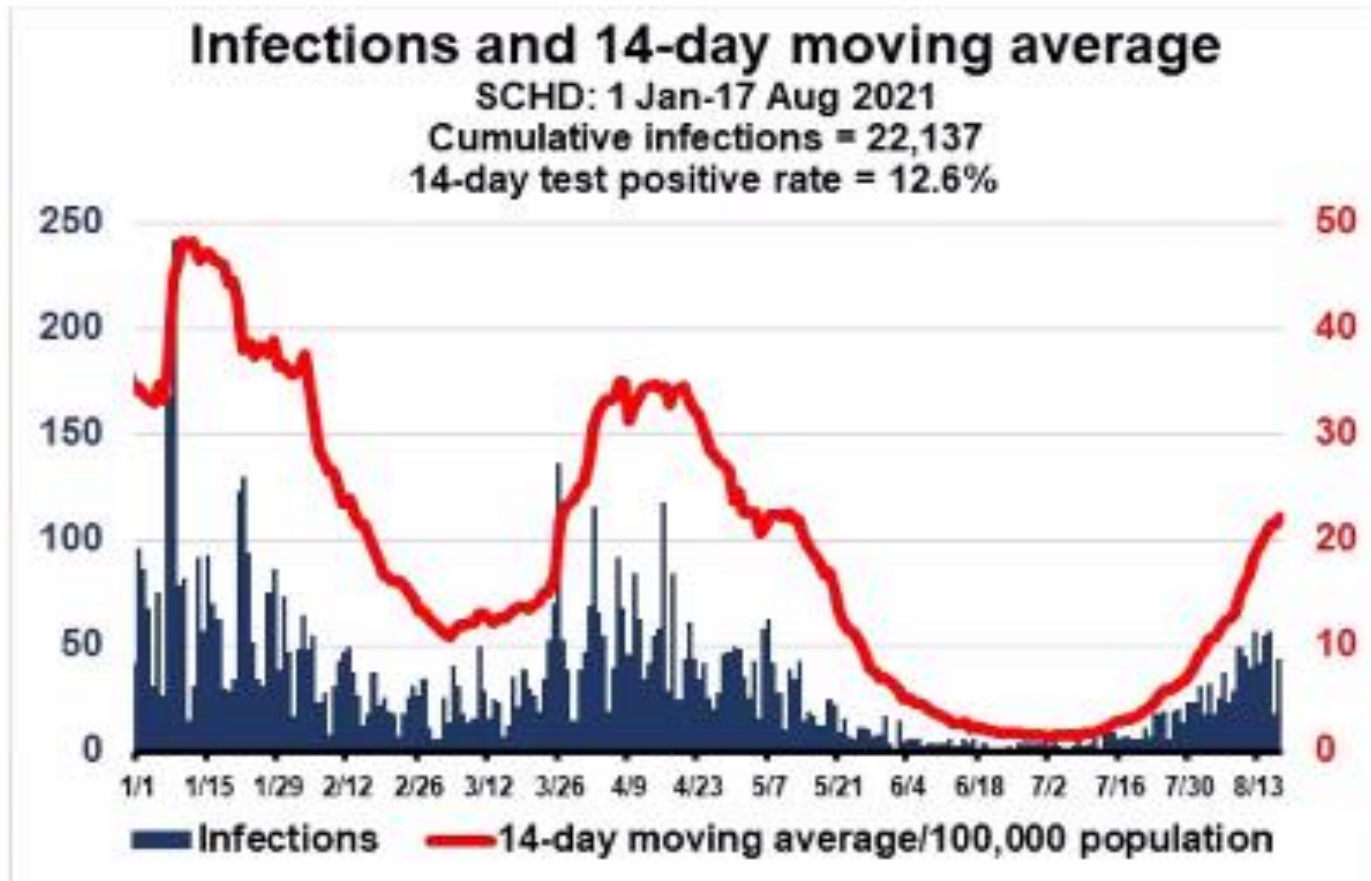
SCHD 1 Jan-25 Aug 2021

Cumulative infections = 22,584

14-day test positive rate = 14.0%



Beginning of 2021-22 school year



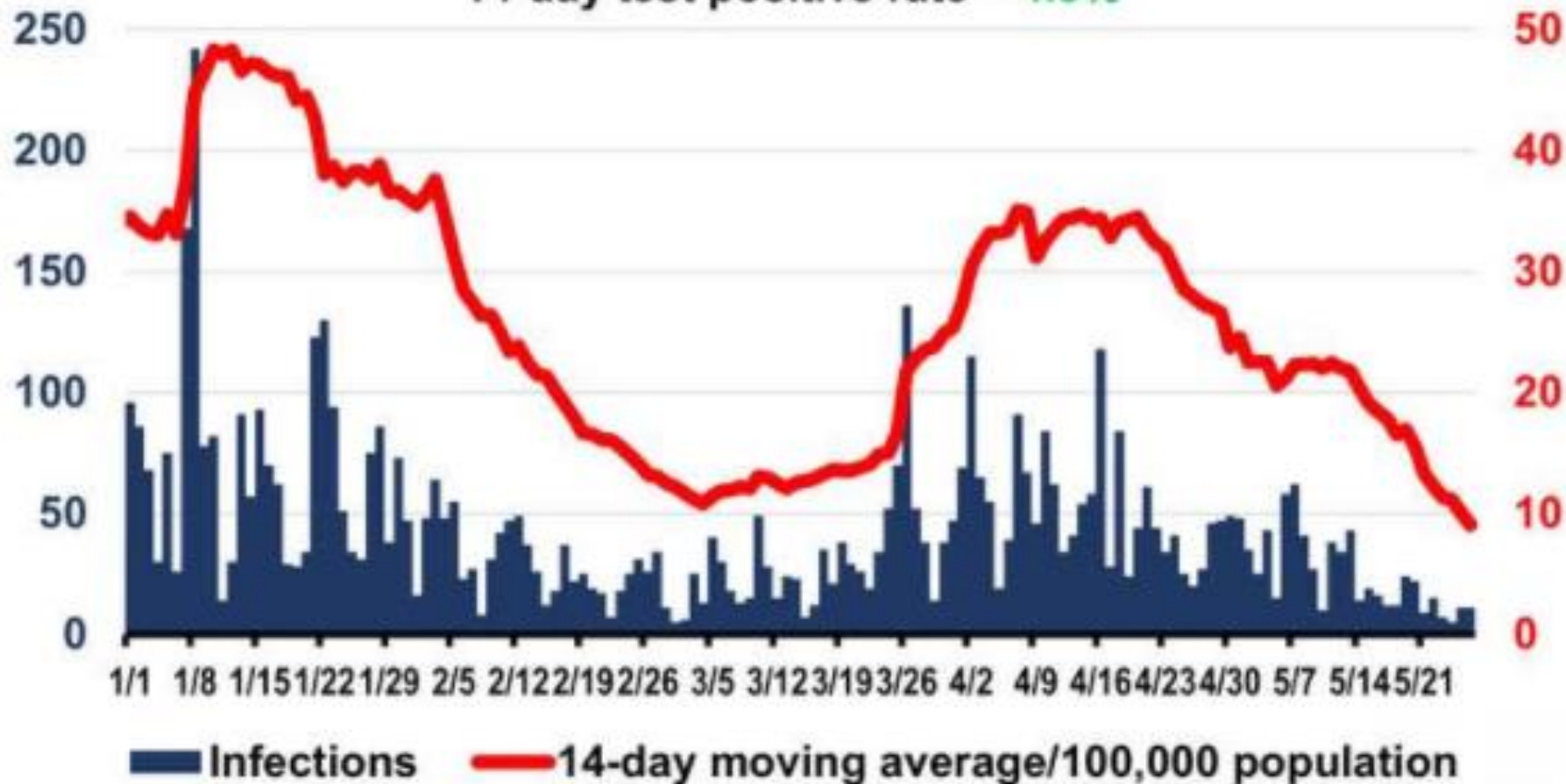
End of 2020-21 school year

# Infections and 14-day moving average

SCHD: 1 Jan - 26 May 2021

Cumulative infections since 21 Mar 2020 = 21,110

14-day test positive rate = 4.5%



**CDC indicators and thresholds for risk of introduction and 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*	<3	3 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
<b>SECONDARY INDICATORS</b>					
Percent change in new cases per 100,000 population during the last 7 days compared with the previous 7 days (negative values indicate improving trends)	<-10%	-10% to <-5%	-5% to <0%	0% to ≤ 10%	>10%
Percentage of hospital inpatient beds in the community that are occupied***	<80%	<80%	80 to 90%	>90%	>90%

The CDC issued new guidance the week of February 7<sup>th</sup>. The information shown here is provided for context.

Percentage of intensive care unit beds in the community that are occupied***	<80%	<80%	80 to 90%	>90%	>90%
Percentage of hospital inpatient beds in the community that are occupied by patients with COVID-19***	<5%	5% to <10%	10% to 15%	>15%	>15%
Existence of localized community/public setting COVID-19 outbreak****	No	No	Yes	Yes	Yes

\*Number of new cases per 100,000 persons within the last 14 days is calculated by adding the number of new cases in the county (or other community type) in the last 14 days divided by the population in the county (or other community type) and multiplying by 100,000.

\*\*Percentage of RT-PCR tests in the community (e.g., county) that are positive during the last 14 days is calculated by dividing the number of positive tests over the last 14 days by the total number of tests resulted over the last 14 days. Diagnostic tests are viral (RT-PCR) diagnostic and screening laboratory tests (excludes antibody testing and RT-PCR testing for surveillance purposes). Learn more 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](#).

Related to CDC Risk of Transmission in Schools

Date	# of New cases per 100,000 within last 14 days	% of RT-PCR positive tests during last 14 days	% change in new cases per 100,000	% hospital inpatient beds that are occupied	% hospital inpatient beds occupied by COVID patients
5/25/20	32				
9/8/20	213		-11.5%		
9/15/20	193		-7%		
9/22/20	250	7.7%	68%	63%	4.3%
9/29/20	290	7.6%	-21%	59%	5.4%
10/6/20	293	7.8%	13%	64%	4.1%
10/13/20	335	8.2%	13%	65%	12%
10/20/20	420	10.1%	22%	71%	10%
10/27/20	565	12.4%	37%	64%	13%
11/4/20	783	16.7%	29%	63%	14%
11/11/20	1,330	23%	78%	74%	25%
11/18/20	1,989	26.2%	13%	77%	33%
11/25/20	1,975	22.4%	-24%	70%	30%
12/2/20	1,379	19.3%	-43%	67%	23%
12/9/20	1,033	18.9%	0.19%	70%	18%
12/15/20	927	16.7%	-24%	67%	19%
12/23/20	705	14.8	-29%	65%	15%
12/30/20	468	12.5	-40%	60%	12%

Related to CDC Risk of Transmission in Schools

Date	# of New cases per 100,000 within last 14 days	% of RT-PCR positive tests during last 14 days	% change in new cases per 100,000	% hospital inpatient beds that are occupied	% hospital inpatient beds occupied by COVID patients
1/6/21	477	15.4%	67%	60%	12%
1/13/21	628	14.4%	-7%	63%	9.5%
1/20/21	541	12.5%	-25%	71%	8%
1/27/21	474	13%	0%	66%	15%
2/3/21	456	12.1%	-12%	67%	12%
2/10/21	363	10.3%	-32%	68%	9.5%
2/17/21	283	8.8%	-8%	71%	6.7%
2/24/21	218	7.1%	-40%	62%	5.5%
3/3/21	158	5.2%	-33%	66%	3.2%
3/10/21	164	6.1%	59%	64%	4%
3/17/21	182	4.4%	-2%	67%	3.2%
3/24/21	208	8%	31%	64%	3%
3/31/21	305	9.5%	56%	71%	6.3%
4/7/21	409	11.4%	20%	65%	11%
4/14/21	484	10.9%	16%	68%	11%
4/21/21	491	9.3%	-12%	62%	7.3%
4/28/21	372	7%	-39%	65%	5.3%
5/5/21	309	7.1%	17%	66%	6.5%

Related to CDC Risk of Transmission in Schools

Date	# of New cases per 100,000 within last 14 days	% of RT-PCR positive tests during last 14 days	% change in new cases per 100,000	% hospital inpatient beds that are occupied	% hospital inpatient beds occupied by COVID patients
5/12/21	309	6.6%	--16%	63%	6.1%
5/19/21	231	5%	-41%	73%	6.5%
5/26/21	137	3.3%	-41%	68%	4.7%
6/2/21	88	2.6%	-27%	61%	2.8%
6/9/21	52	1.6%	-59%	70%	1.2%
6/16/21	28	1.2%	-54%	71%	0.9%
6/23/21	25	1%	-8%	68%	0.3%
6/30/21	20	1.6%	-33%	70%	0.6%
7/7/21	17	1.5%	13%	60%	1.4%
7/14/21	25	1.6%	78%	69%	0.9%
7/28/21	86	7.5%	77%	69%	3.1%
8/4/21	145	10.1%	59%	76%	4.0%
8/11/21	231	7.7	29%	78%	7.8%
8/18/21	243	13.3%	48%	72%	9.1%

Related to CDC Risk of Transmission in Schools					
Date	# of New cases per 100,000 within last 14 days	% of RT-PCR positive tests during last 14 days	% change in new cases per 100,000	% hospital inpatient beds that are occupied	% hospital inpatient beds occupied by COVID patients
8/25/21	419	14%	12%	74%	11.7%
9/1/21	446	13.1%	-9%	81%	6.8%
9/8/21	439	11.2%	0.46%	68%	10.3%
9/15/21	439	10.5%	-6%	70%	12.2%
9/22/21	518	11.7%	19%	75%	11.1%
9/29/21	496	9.1%	-33%	70%	11.8%
10/6/2021	420	10.7%	1%	75%	8.8%
10/13/21	362	10.1%	-31%	67%	8.2%
10/20/21	314	10.2%	8%	75%	7%
10/27/2021	302	9.6%	-16%	75%	7%
11/3/2021	270	8.8%	-15%	71%	7.3%
11/10/2021	334	10.3%	43%	77%	8.7%
11/17/2021	416	11.8%	-0.96%	78%	10.2%
11/24/2021	472	13.4%	3%	77%	13.5%
12/1/2021	500	16.5%	2%	72%	15%
12/8/2021	716	13.7%	79%	86%	18.1%
12/15/2021	908	14.7%	-29%	77%	18.7%
12/22/2021	969	15.8%	-1.8	74%	18.3%
12/29/2021	966	16.4%	1%	66%	16.6%

## Related to CDC Risk of Transmission in Schools

Date	# of New cases per 100,000 within last 14 days	% of RT-PCR positive tests during last 14 days	% change in new cases per 100,000	% hospital inpatient beds that are occupied	% hospital inpatient beds occupied by COVID patients
1/5/2022	1534	23.2%	70%	71%	16.4%
1/12/2022	2354	28.3%	20%	76%	18.9%
1/19/2022	2495	28.7%	-17.6%	77%	17.7%
1/26/2022	2012	26.2%	-30.6%	77%	16.9%
2/2/2022	1420	20.4%	-54.4%	74%	11.7%
2/9/2022	778	13.9%	-49.5%	66%	10.1%
2/16/2022	448	9.6%	-45.7%	67%	5.5%
2/23/2022	252	N/A	-40.5%	68%	N/A

# CDC Indicators of Community Transmission in Relation to Schools

Updated February 7, 2021

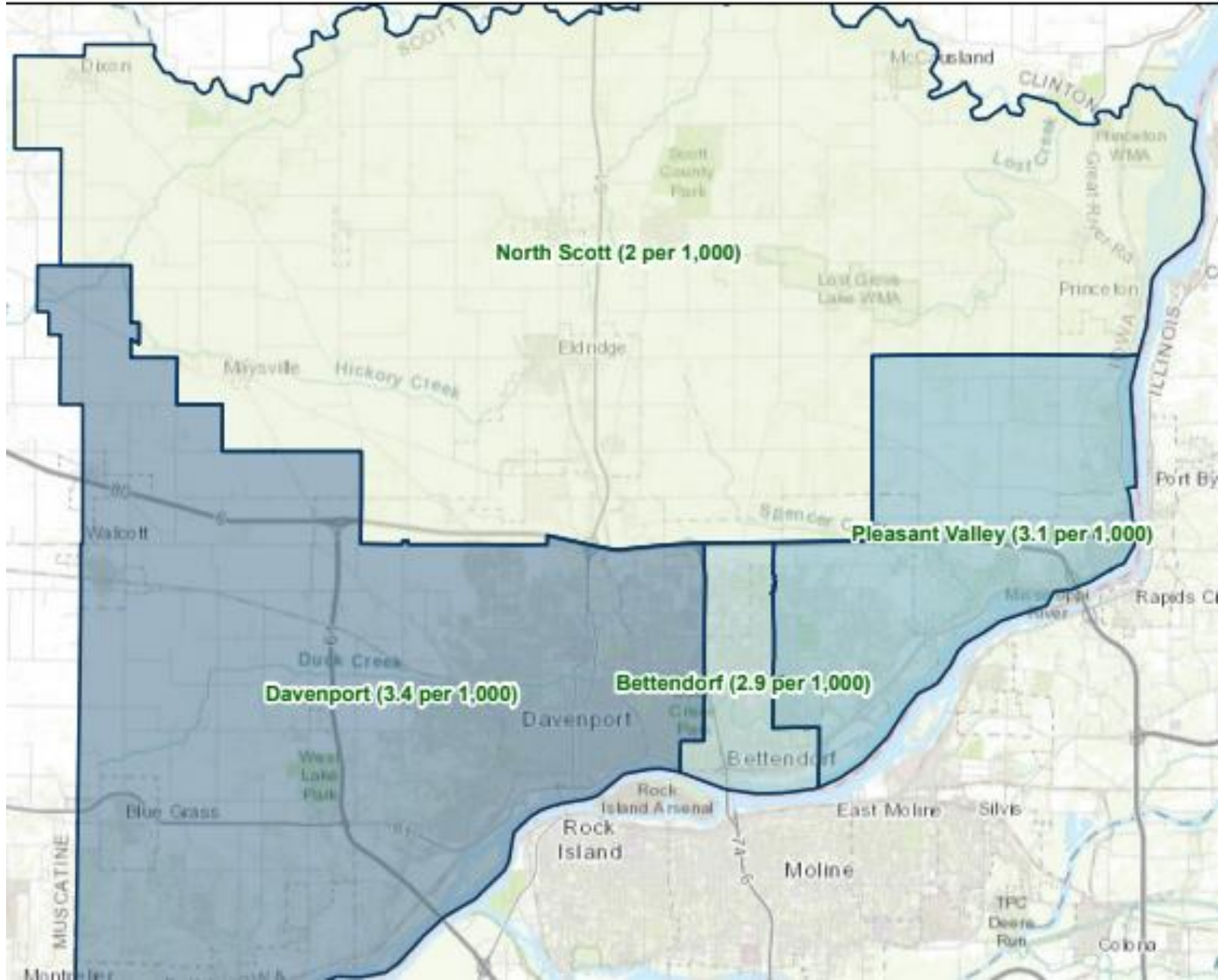
Indicator	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days	0-9	10-49	50-99	$\geq 100$
Percentage of NAATs that are positive during the past 7 days	$< 5.0\%$	5.0%-7.9%	8.0%-9.9%	$\geq 10\%$

Date	Total New Cases Per 100,000 in Past 7 Days	Percent of RT-PCR tests that are positive during the last 7 days
2/17/21	136	7.8%
2/24/21	82	4%
3/3/21	58	3.1%
3/10/21	92	5.2%
3/17/21	90	4.2%
3/24/21	118	8%
3/31/21	186	10.4%
4/7/21	223	11.6%
4/14/21	260	10.7%
4/21/21	230	7.6%
4/28/21	141	6.3%
5/5/21	167	6.8%
5/12/21	141	6%
5/19/21	86	3.7%
5/29/21	51	2.5%

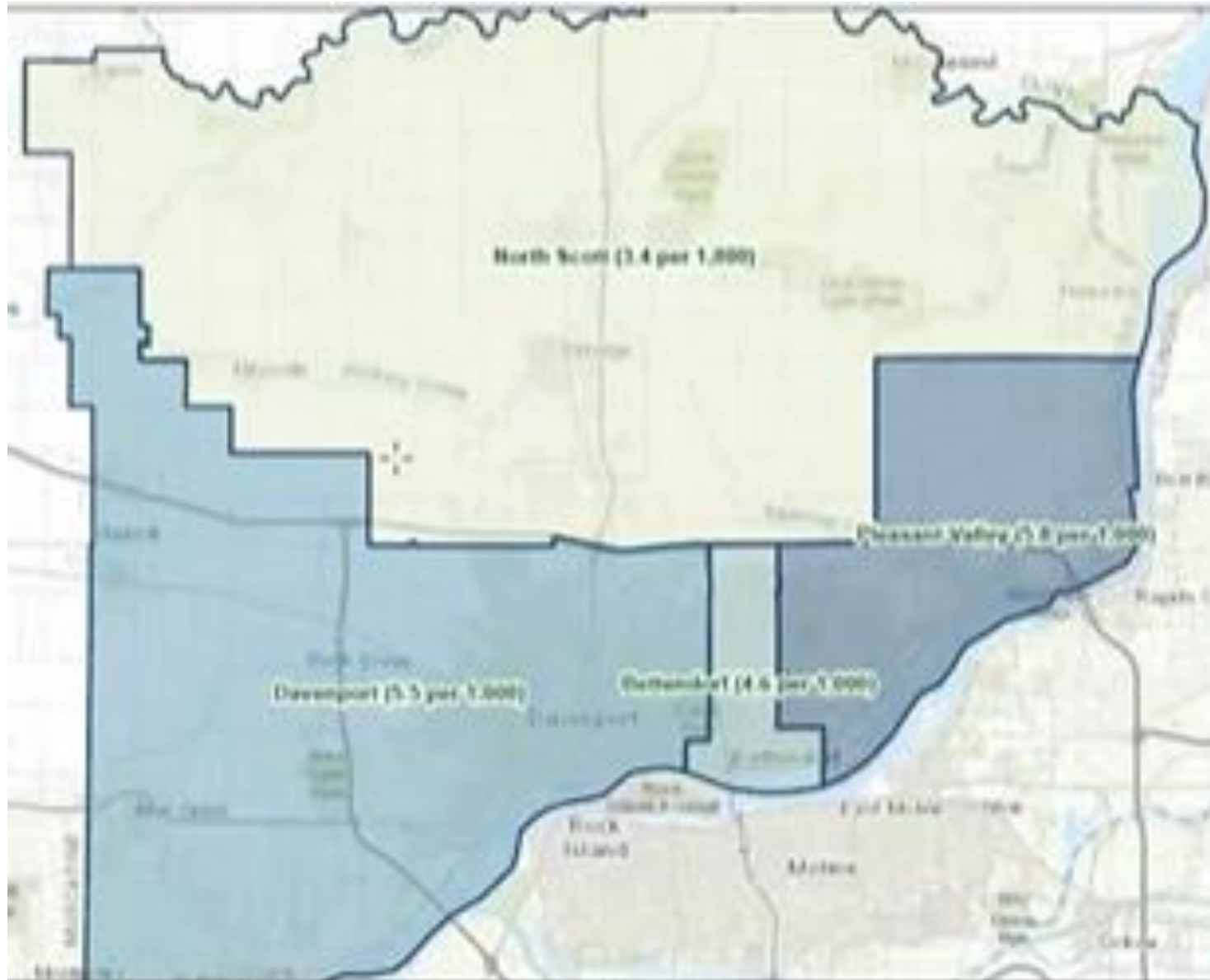
Date	Total New Cases Per 100,000 in Past 7 Days	Percent of RT-PCR tests that are positive during the last 7 days
6/2/21	37	2.7%
6/9/21	15	1.1%
6/16/21	13	1.5%
6/23/21	12	0.4%
6/30/21	8	1.5%
7/7/21	9	1.5%
7/14/21	16	1.3%
7/28/21	55	7.4%
8/4/21	89	9.3%
8/11/21	130	8.7%
8/18/21	195	13.4%
8/25/21	225	11.3%
9/1/21	212	10.4%
9/8/21	220	11.2%
9/15/21	213	9.6%
9/22/21	282	10.2%
9/29/21	199	9.7%

Date	Total New Cases Per 100,000 in Past 7 Days	Percent of RT-PCR tests that are positive during the last 7 days
10/6/2021	211	9.2%
10/13/21	148	8.6%
10/20/21	163	8.8%
10/27/2021	138	8.7%
11/3/2021	124	6.8%
11/10/2021	198	10.5%
11/17/2021	207	10%
11/24/2021	240	12.9%
12/1/2021	252	18.4%
12/8/2021	459	14%
12/15/2021	410	14.8%
12/22/2021	480	15.2%
12/29/2021	486	17.7%

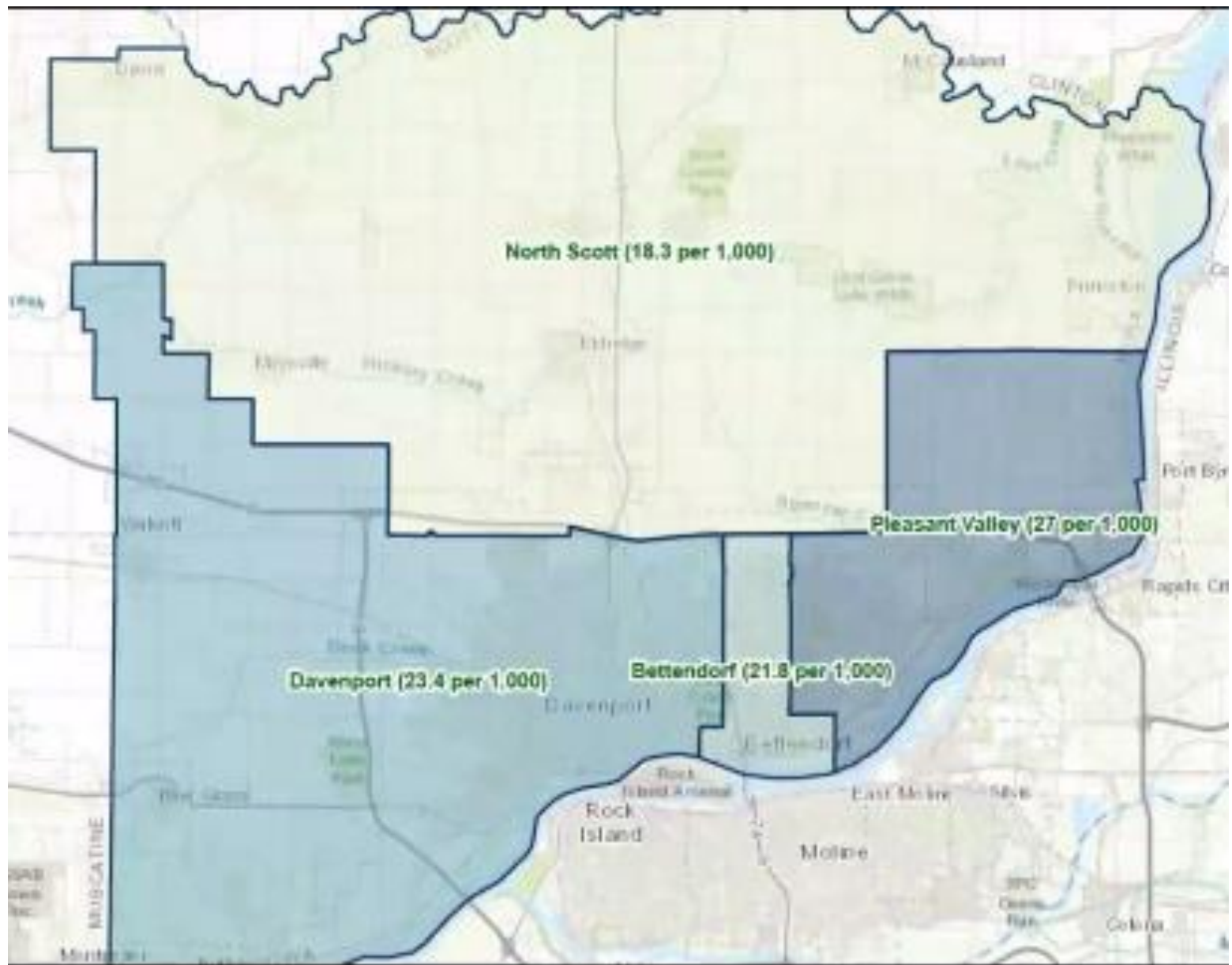
Date	Total New Cases Per 100,000 in Past 7 Days	Percent of RT-PCR tests that are positive during the last 7 days
1/5/2022	1010	26.4%
1/12/2022	1282	27.4%
1/17/2022	1127	27.4%
1/26/2022	824	22.8%
2/2/2022	482	16.4%
2/9/2022	261	9.6%
2/16/2022	158	7.6%
2/23/2022	94	N/A



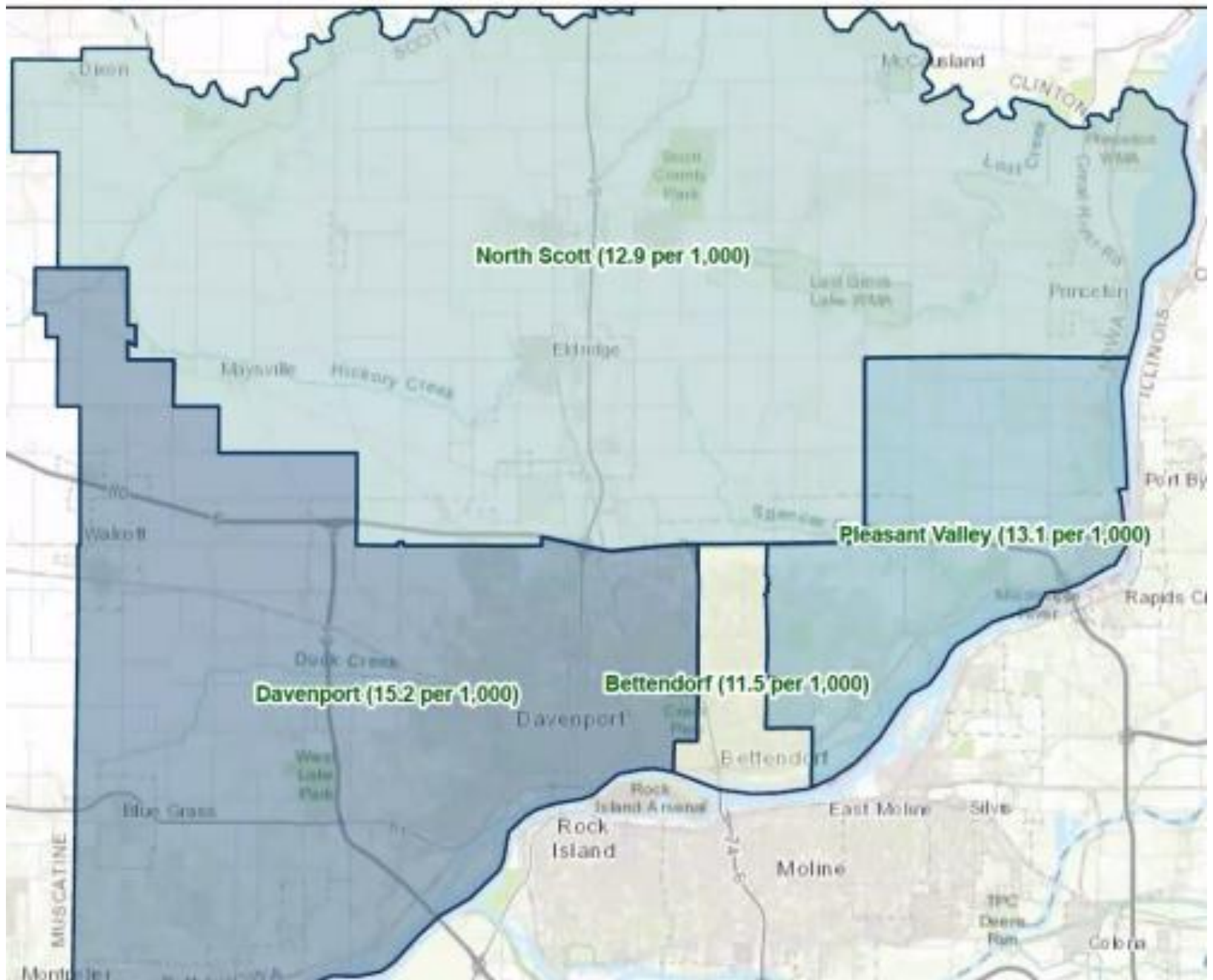
February 23, 2022



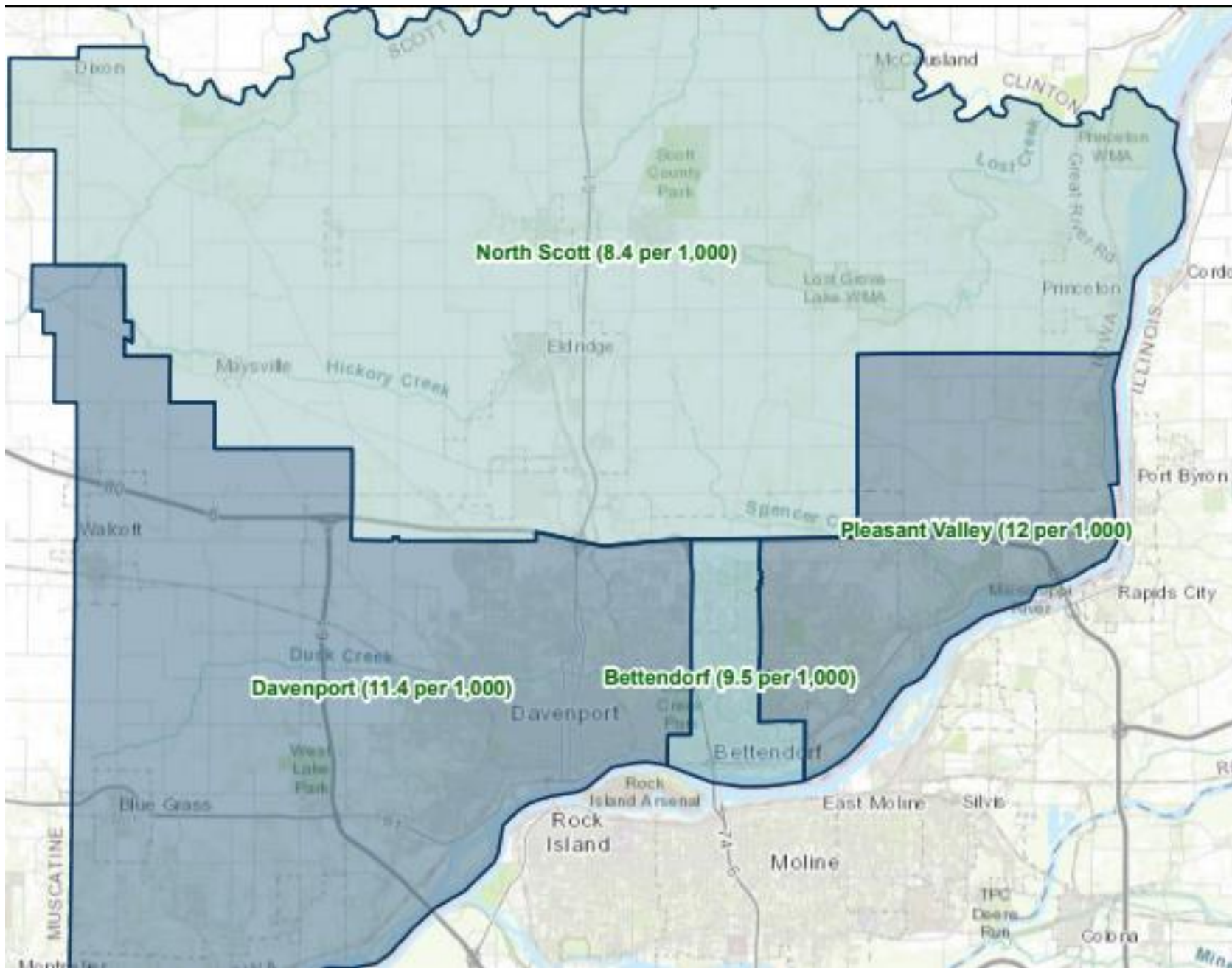
February 16, 2022



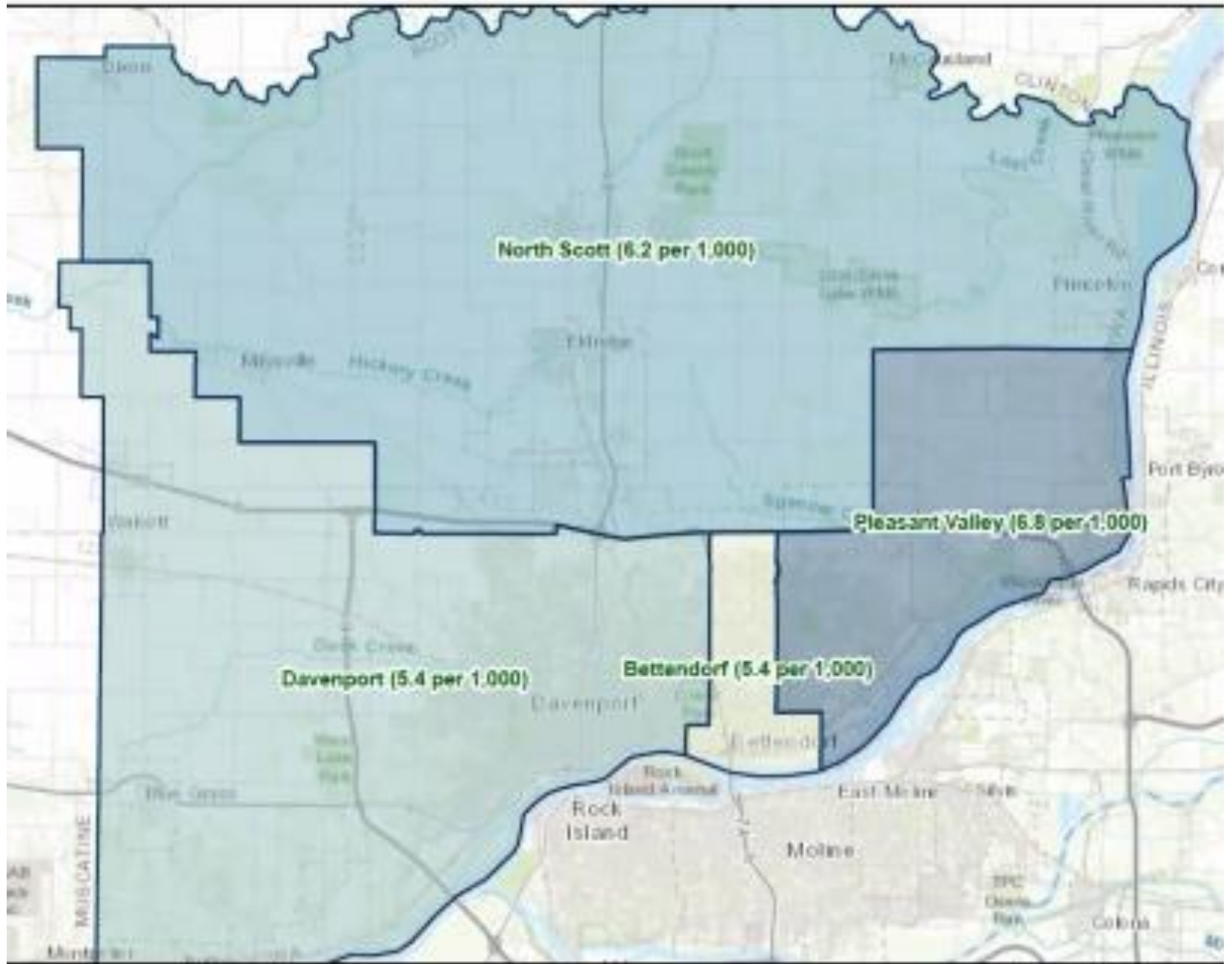
January 26, 2022



January 5, 2022

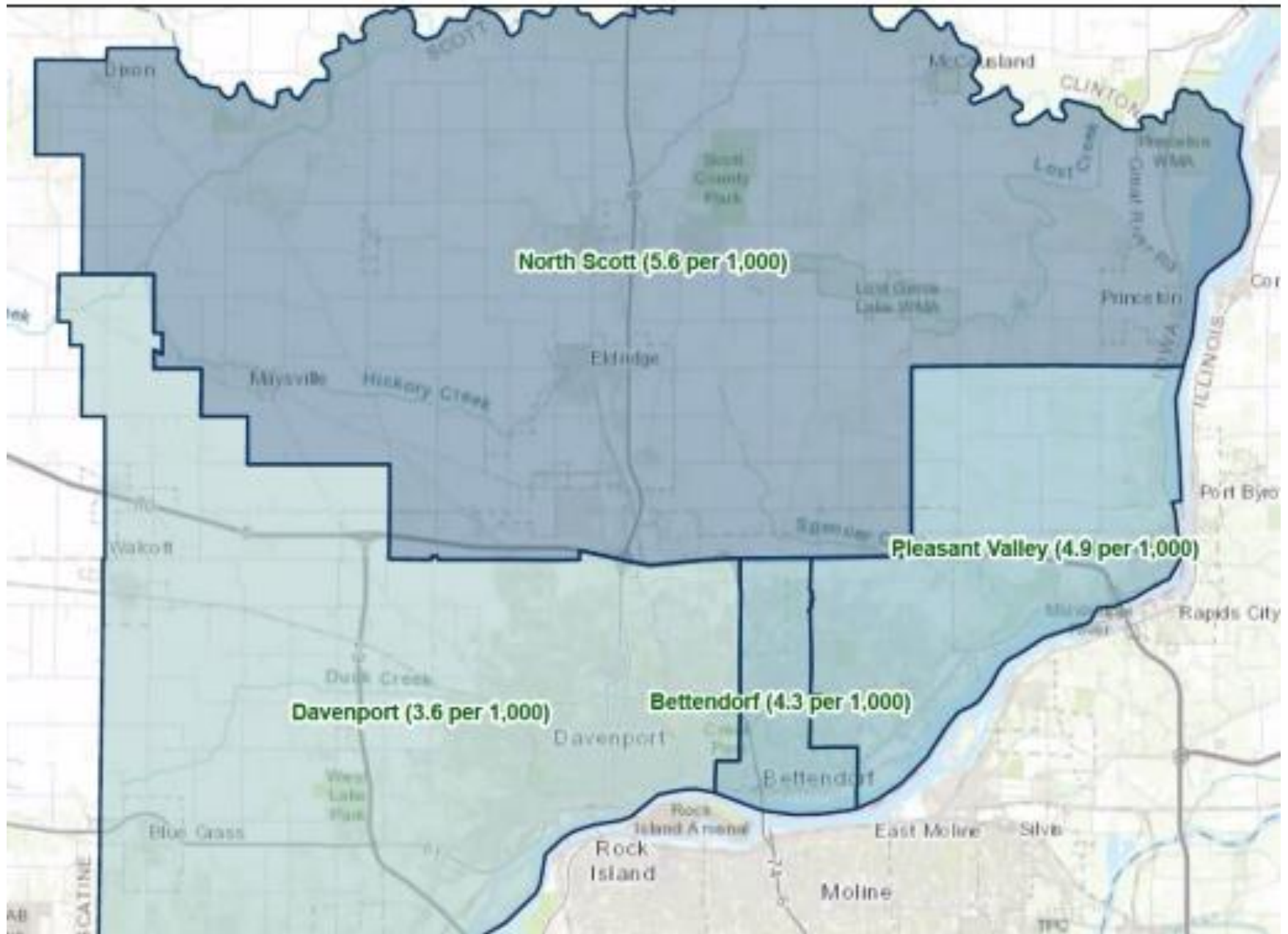


December 22, 2021

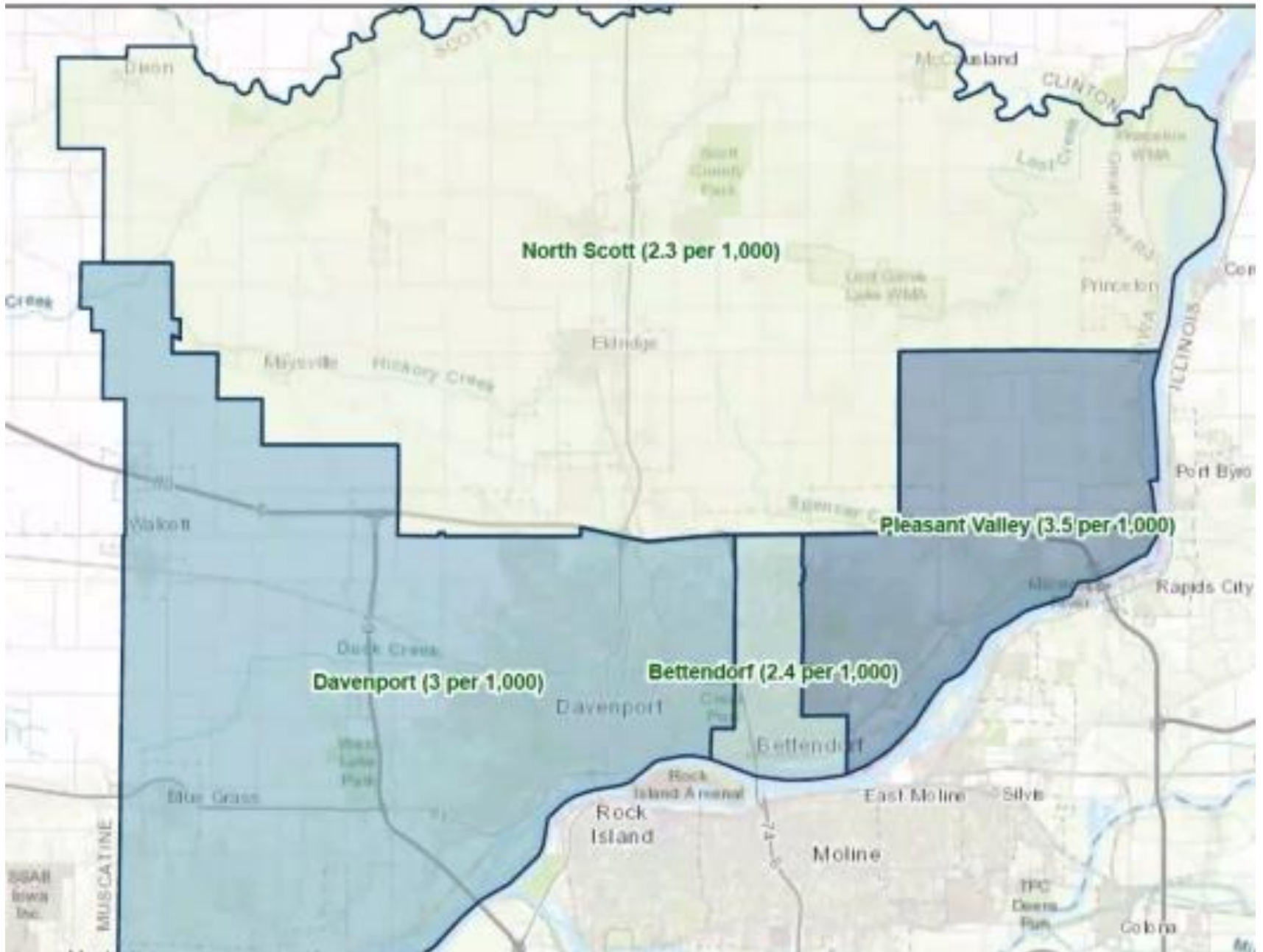


1:288 805

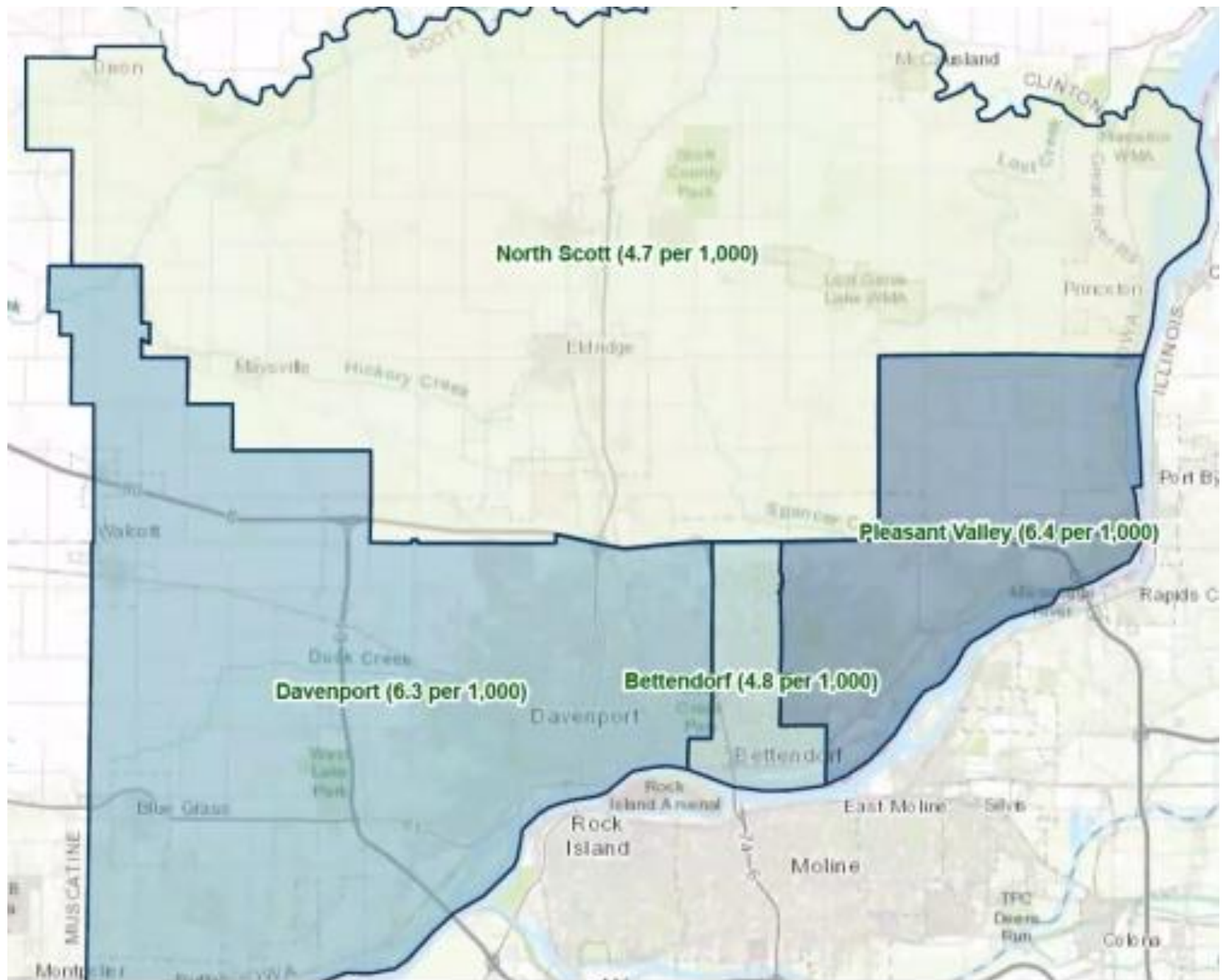
December 1, 2021



November 18, 2021

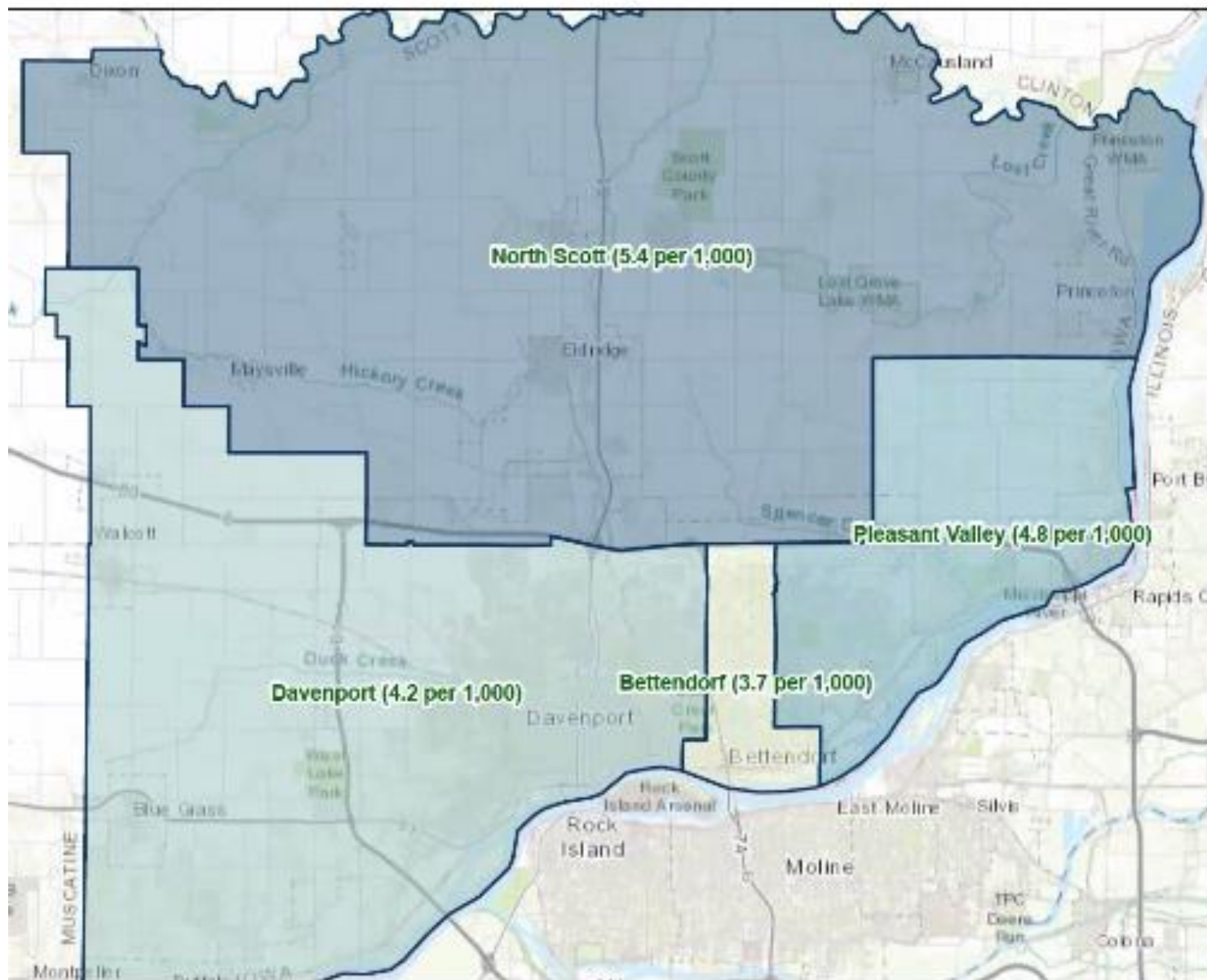


October 27, 2021



September 29, 2021

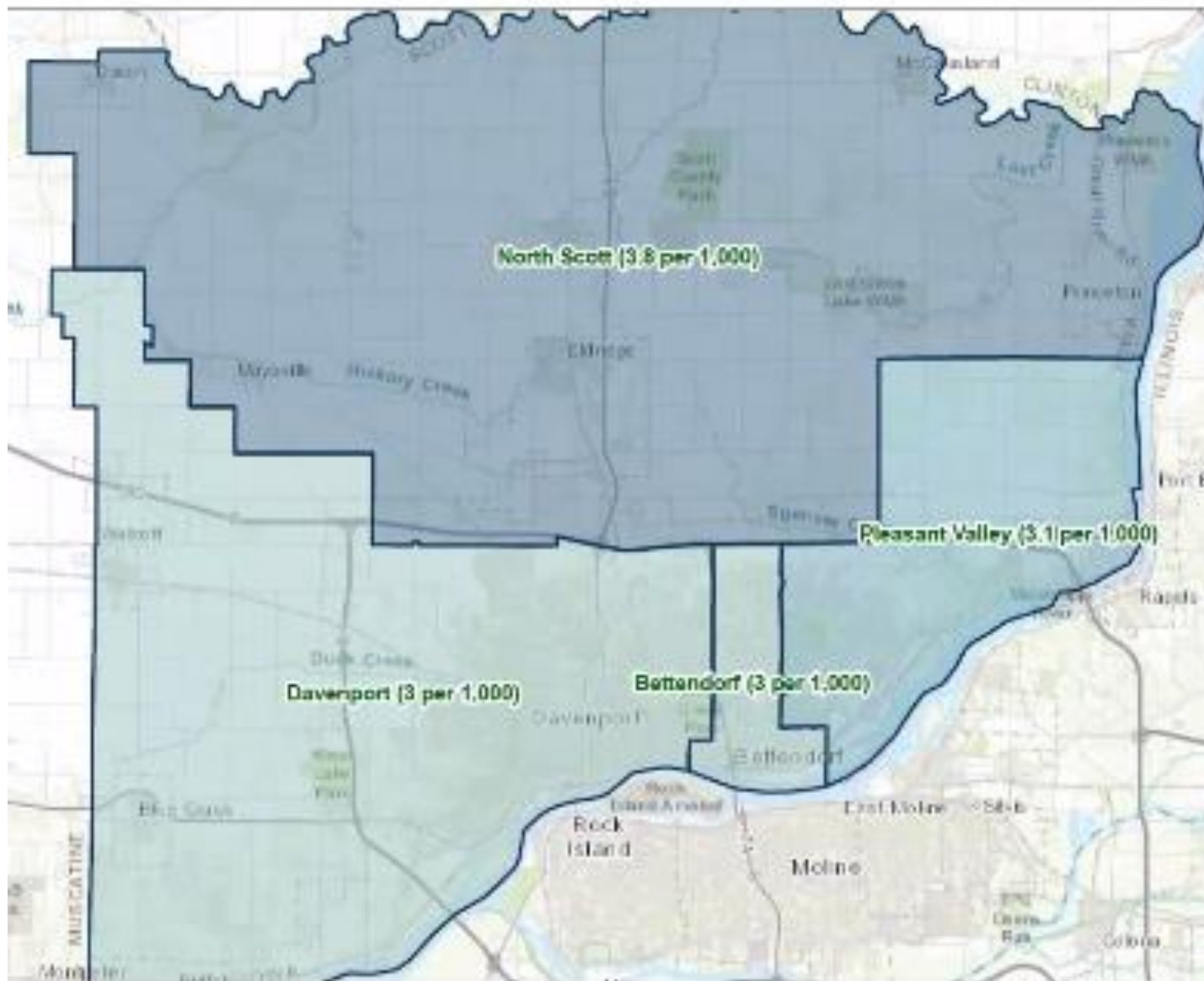
# ARCGIS Web Map



August 25, 2021

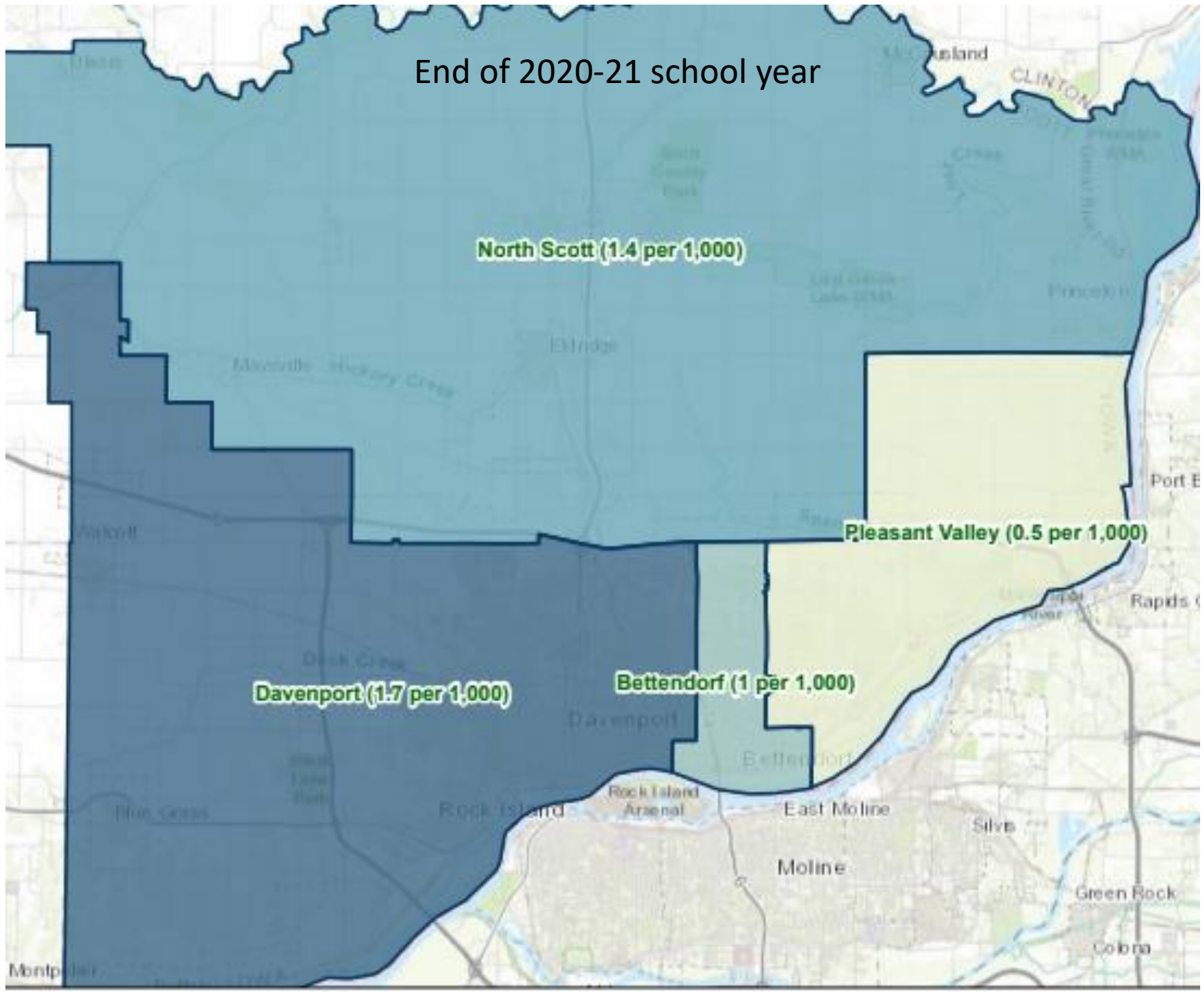
# Beginning of 2021-22 school year

## ArcGIS Web Map



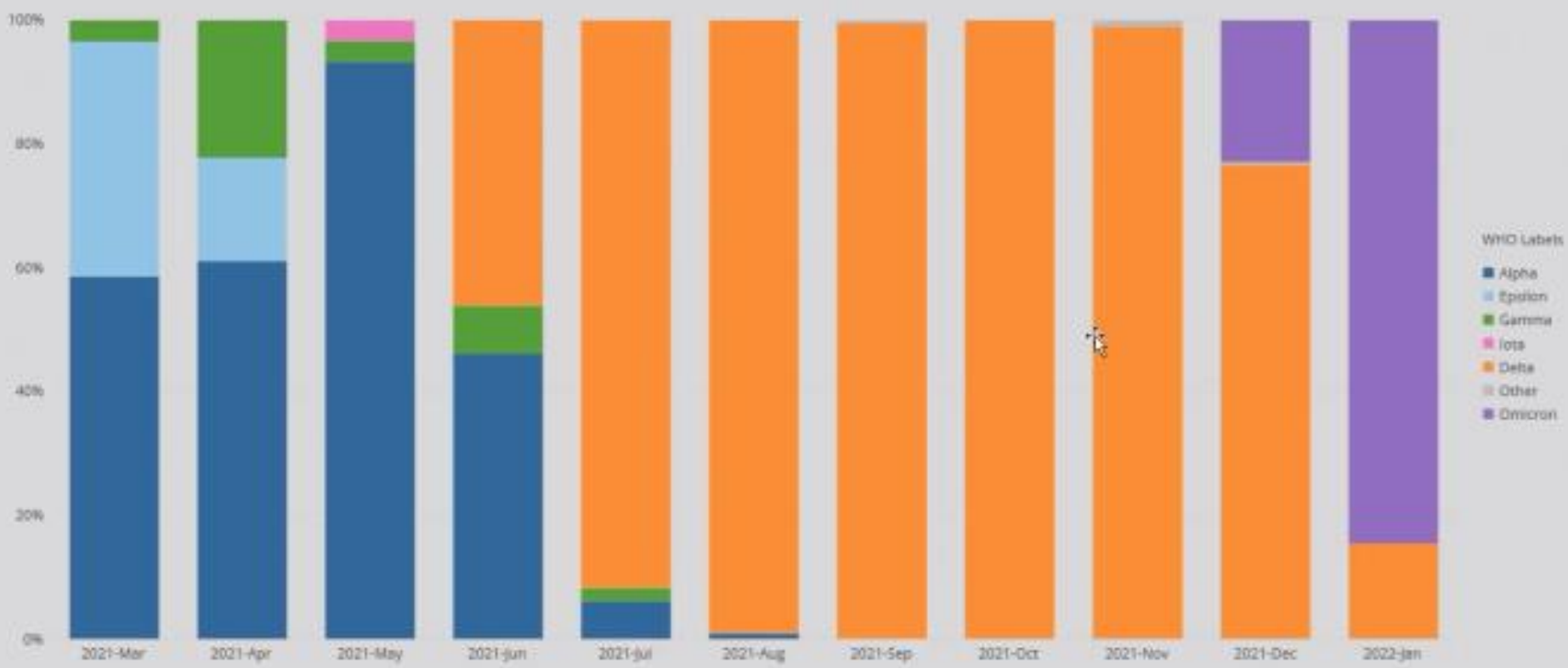
1:200,000

End of 2020-21 school year



5/26/2021

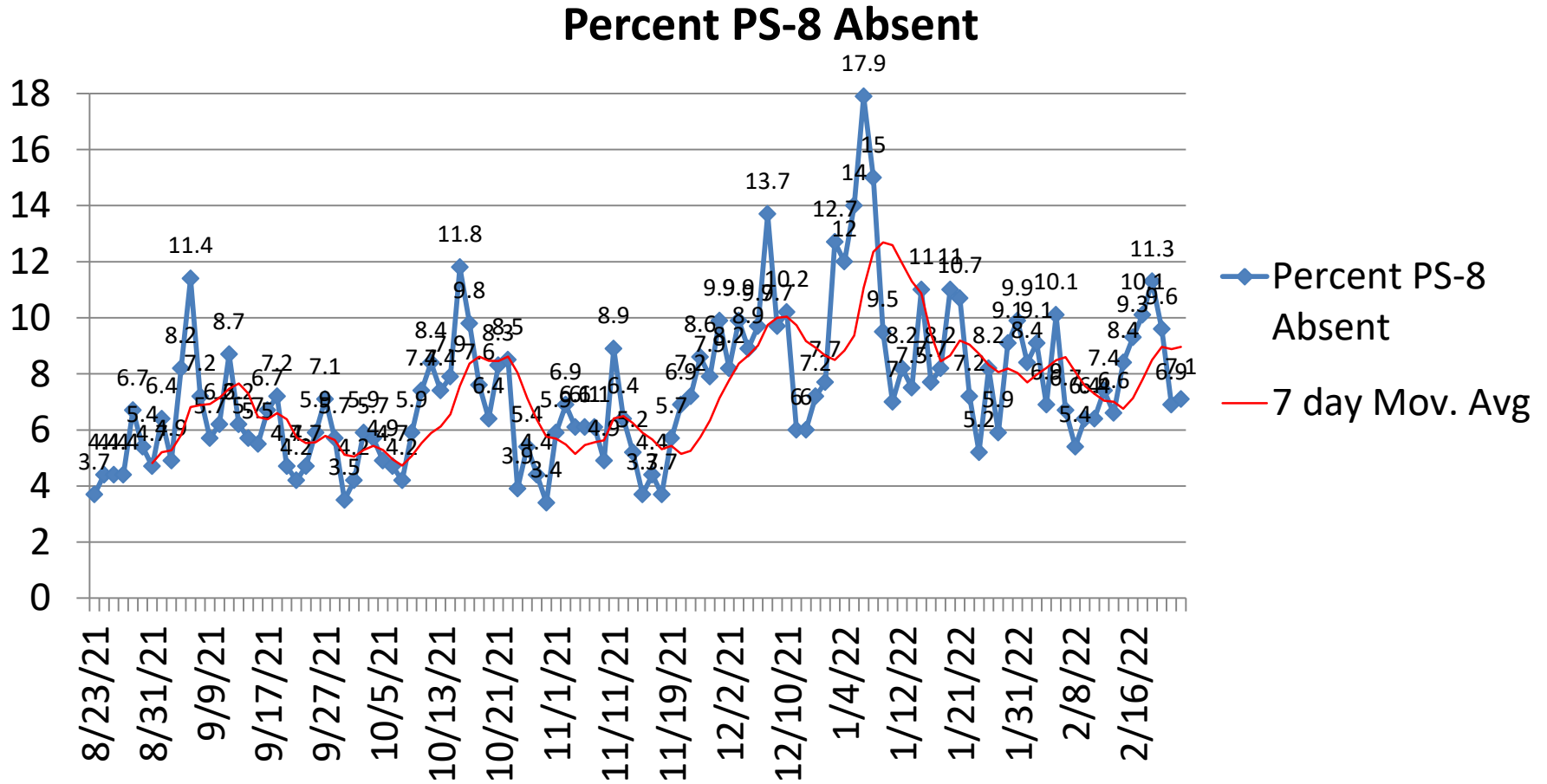
# Variant proportions: Scott Co.



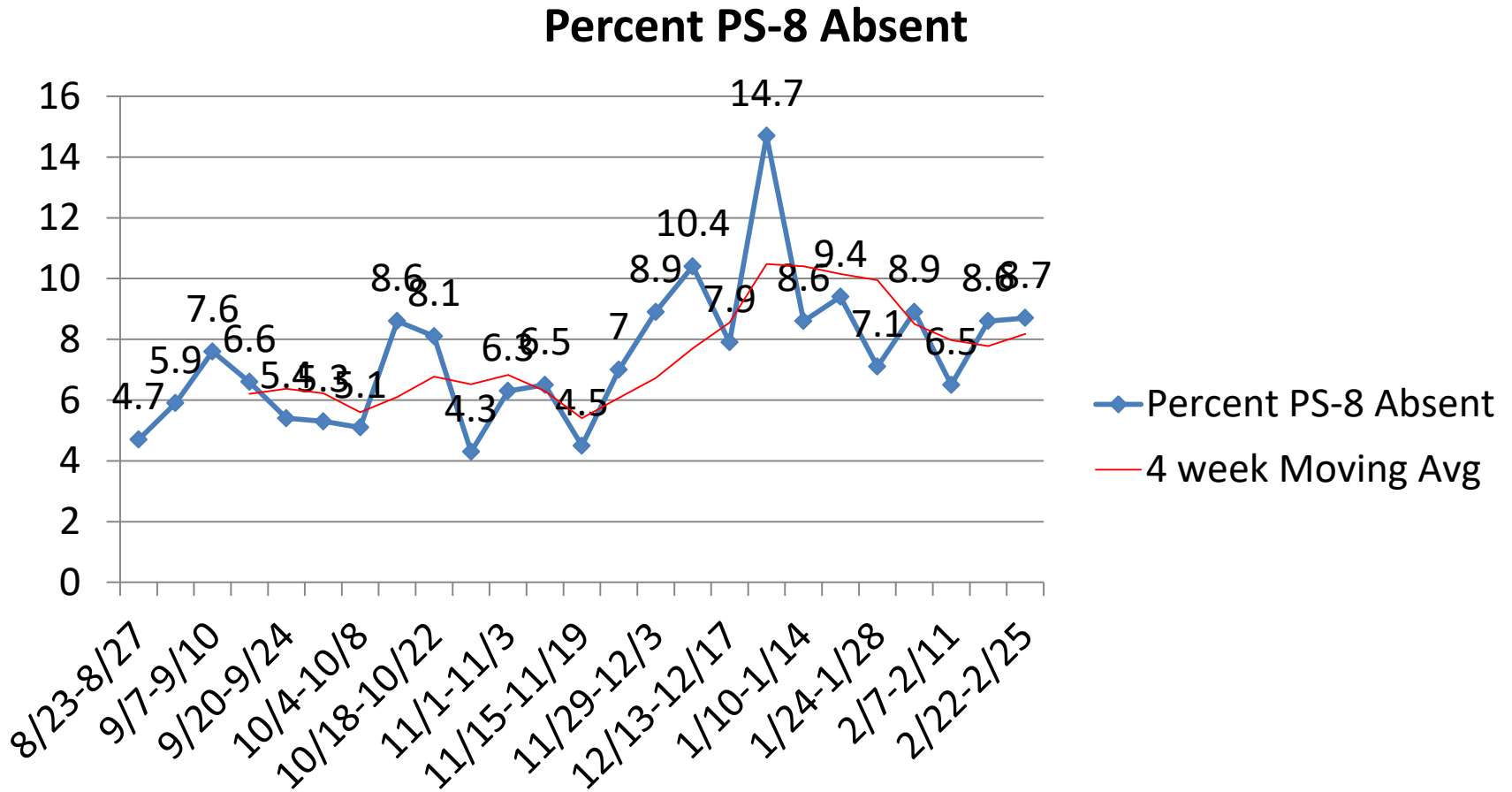
# JFK Data

Includes 3 Yr Old PS-8<sup>th</sup> Grade  
Students and All Staff

# Percent of PS-8 Students Absent

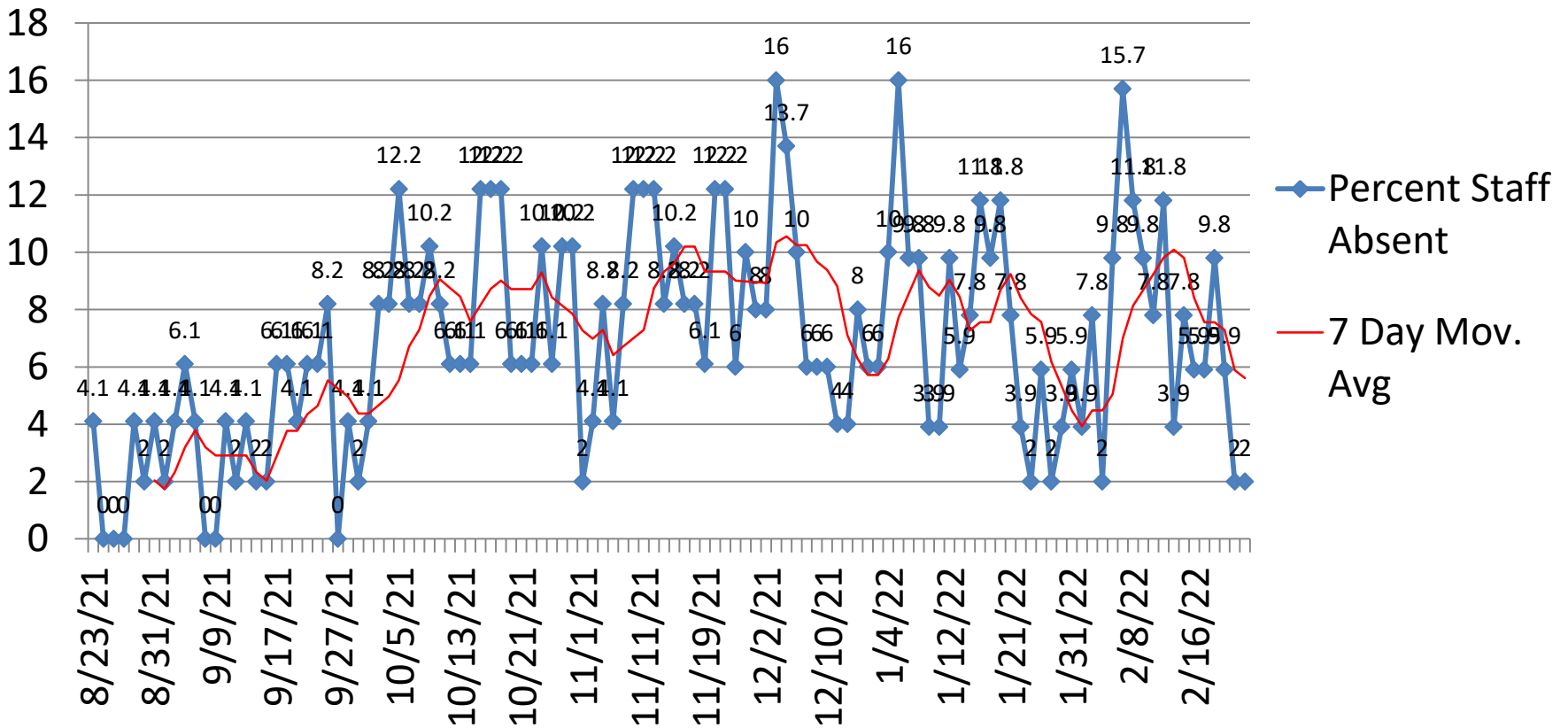


# Percent of PS-8 Students Absent by Week



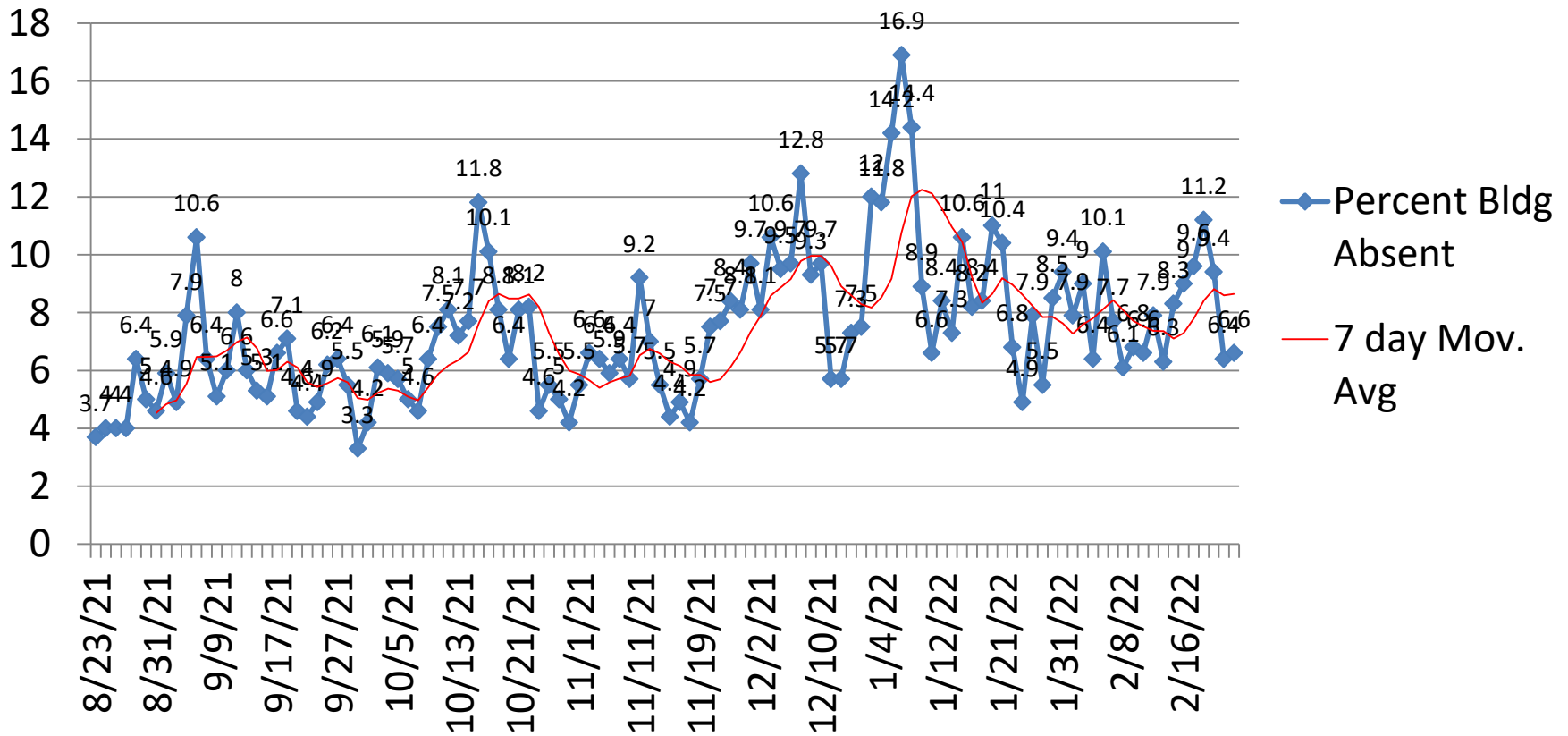
# Percent of Staff Absent

## Percent Staff Absent



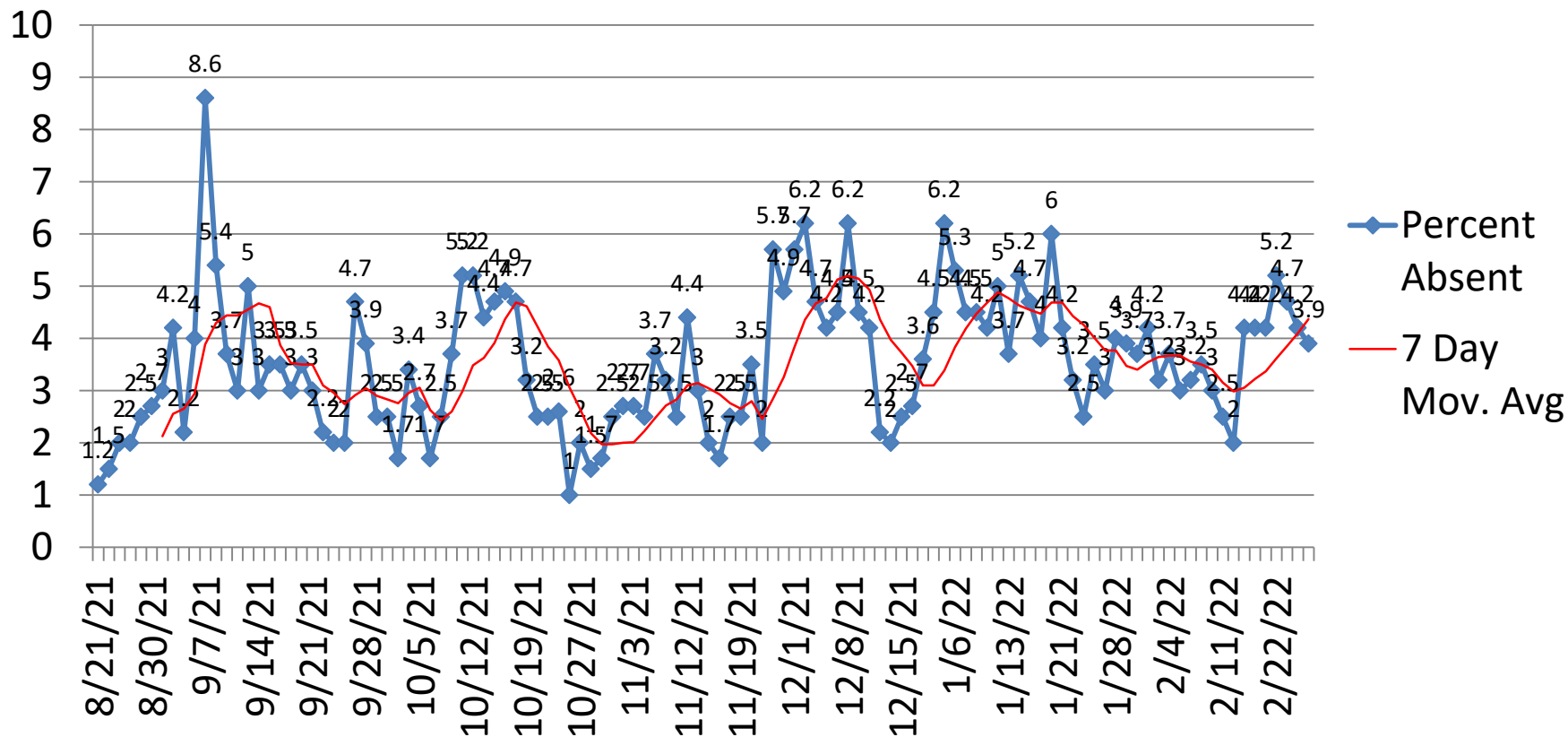
# Percent of PS-8 Students & Staff Absent

## Percent Bldg Absent

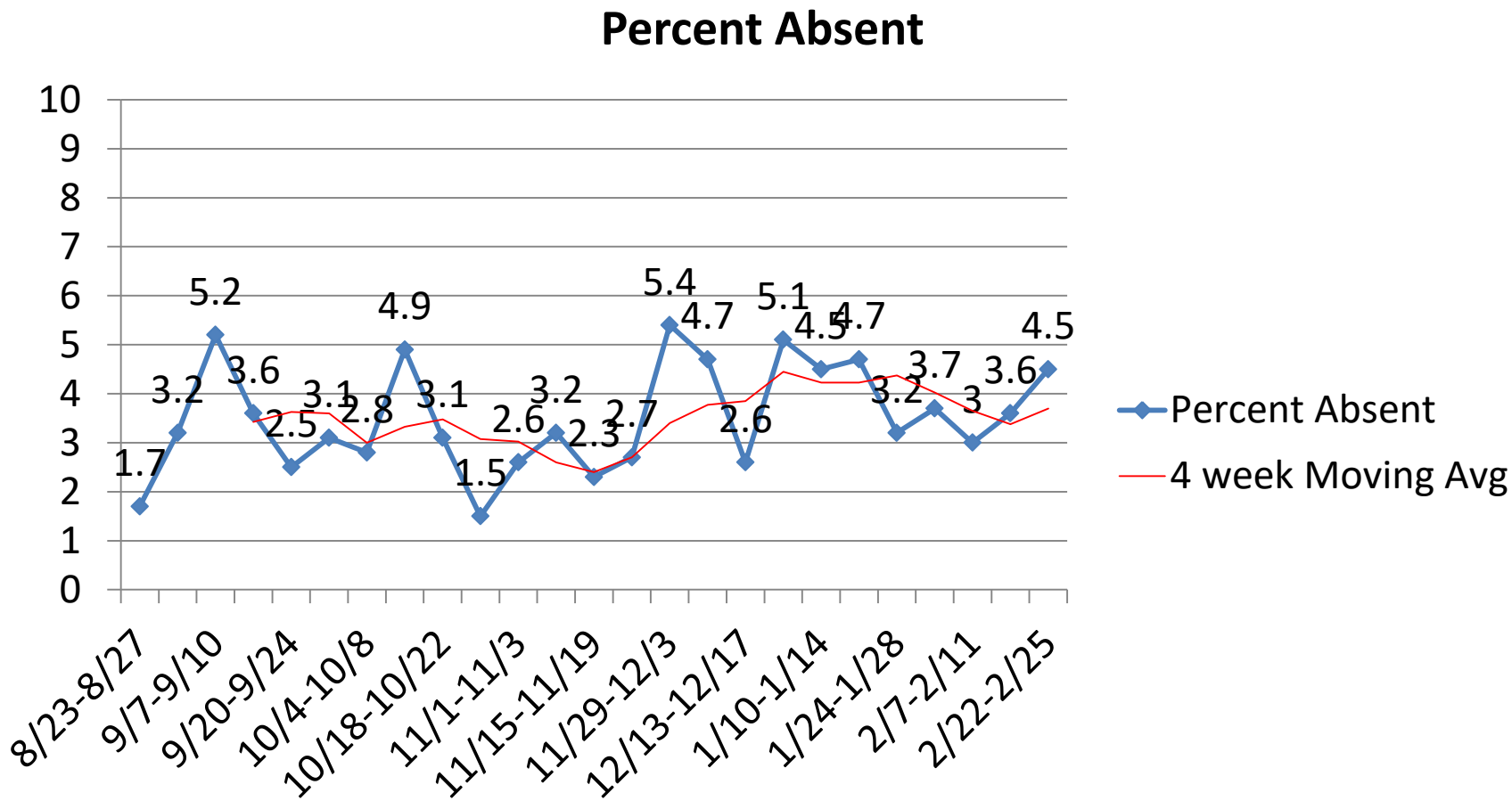


# Percent of PS-8 Students Absent due to Illness, including COVID

## Percent Absent

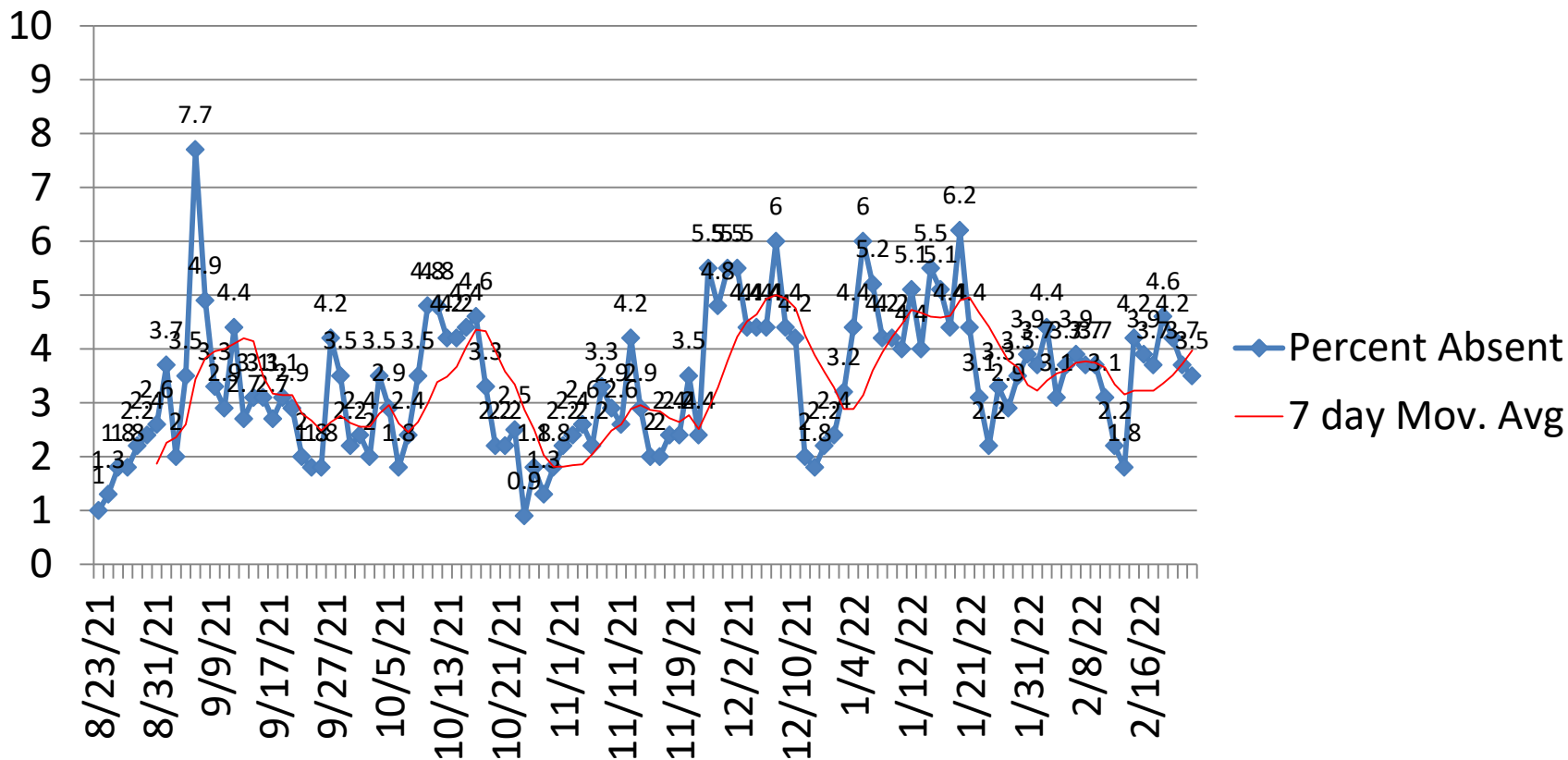


# Percent of PS-8 Students Absent due to Illness, including COVID by Week



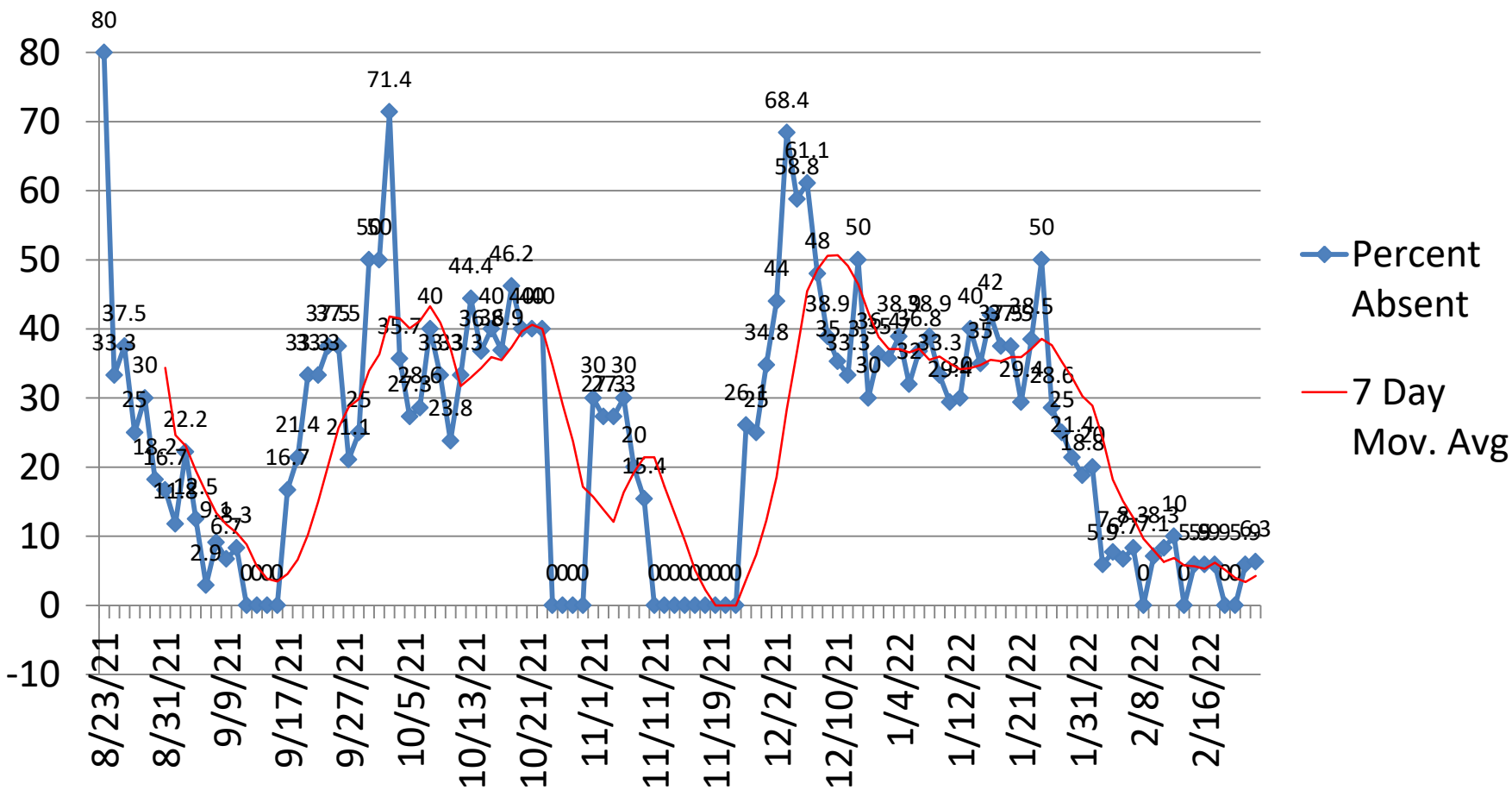
# Percent of PS-8 Students & Staff Absent due to Illness, including COVID

## Percent Absent

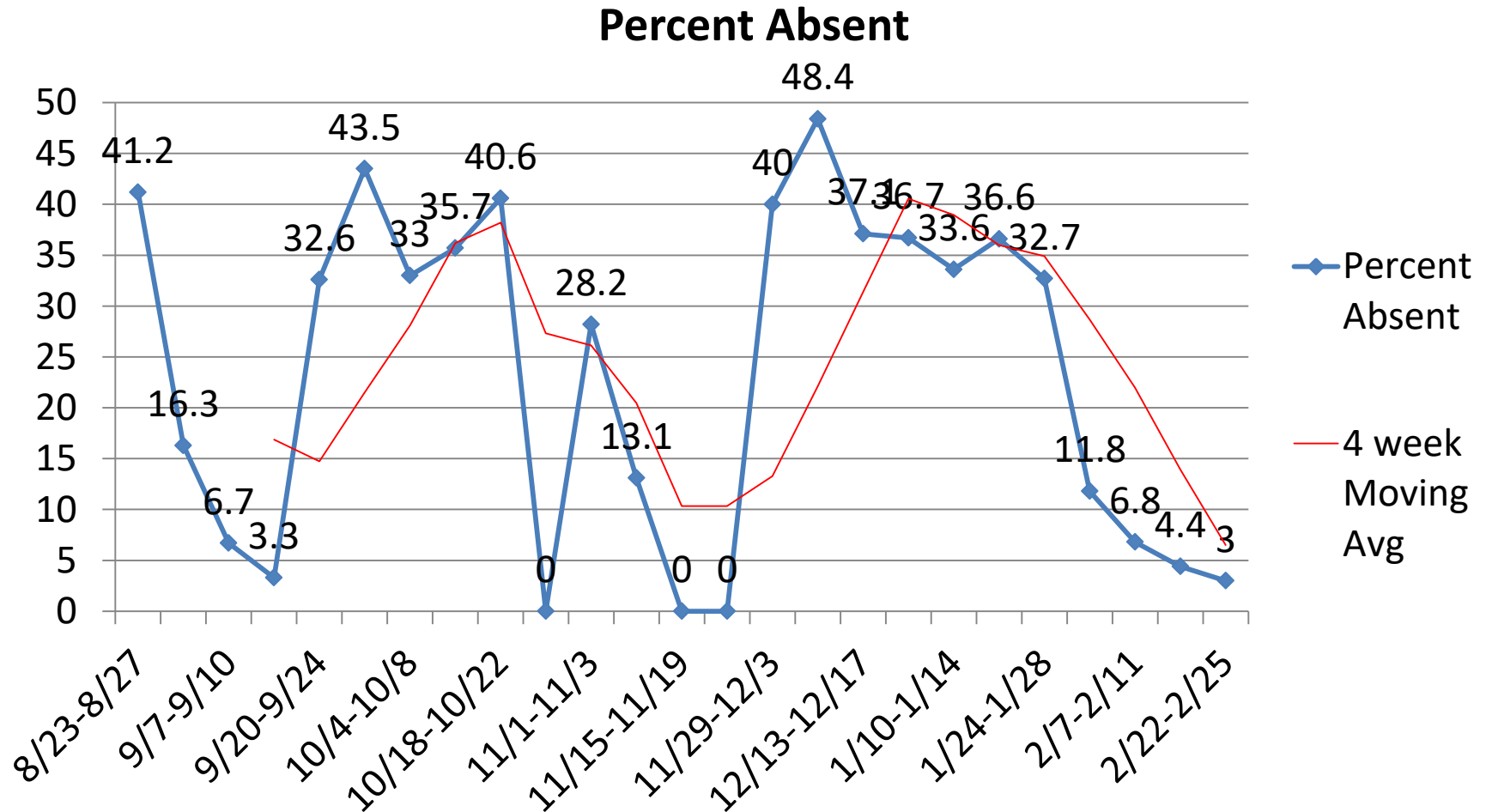


# Percent of PS-8 Student Absences Due to Illness that Are Positive COVID Cases

## Percent Absent

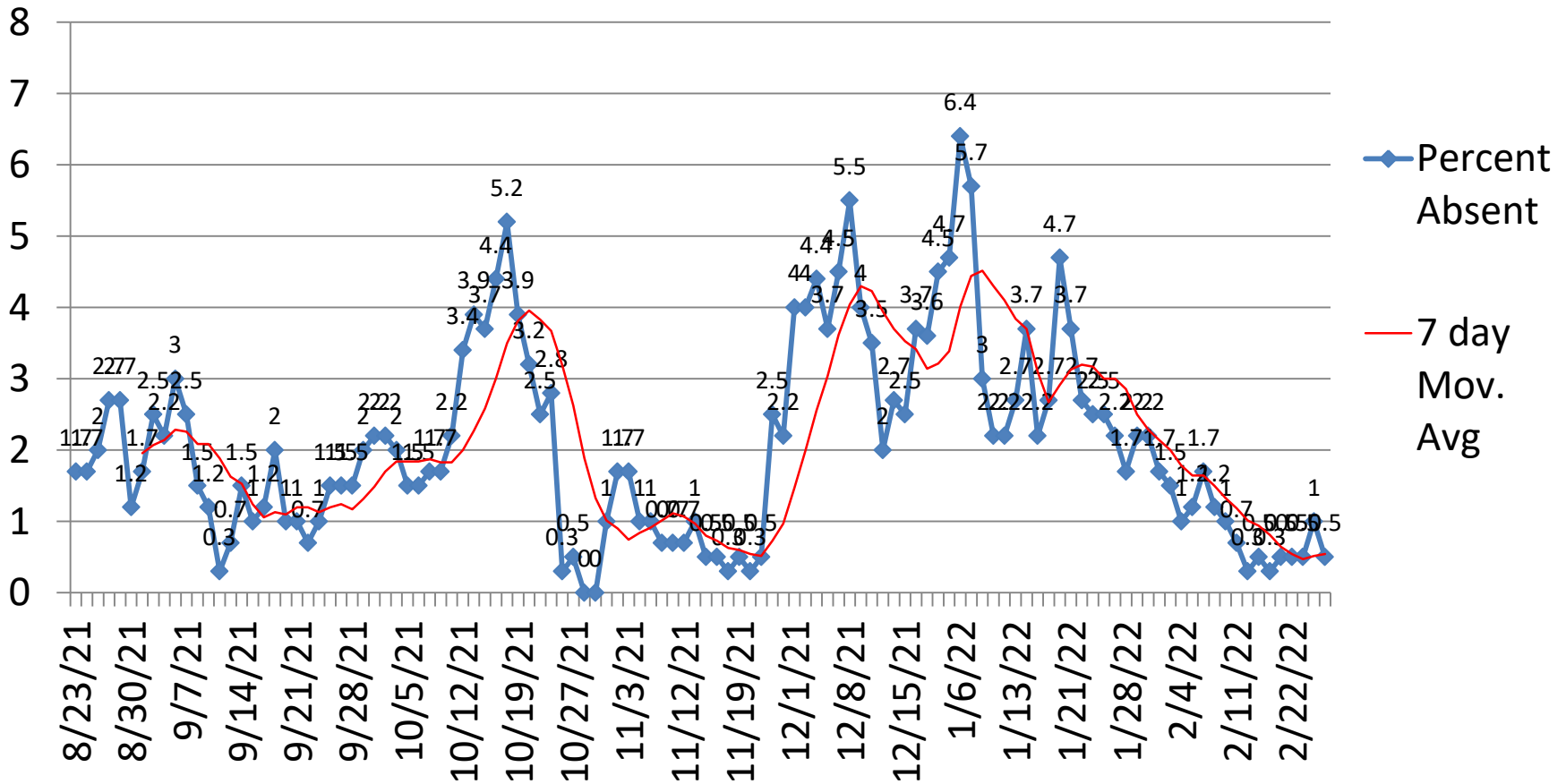


# Percent of PS-8 Student Absences Due to Illness that Are Positive COVID Cases by Week



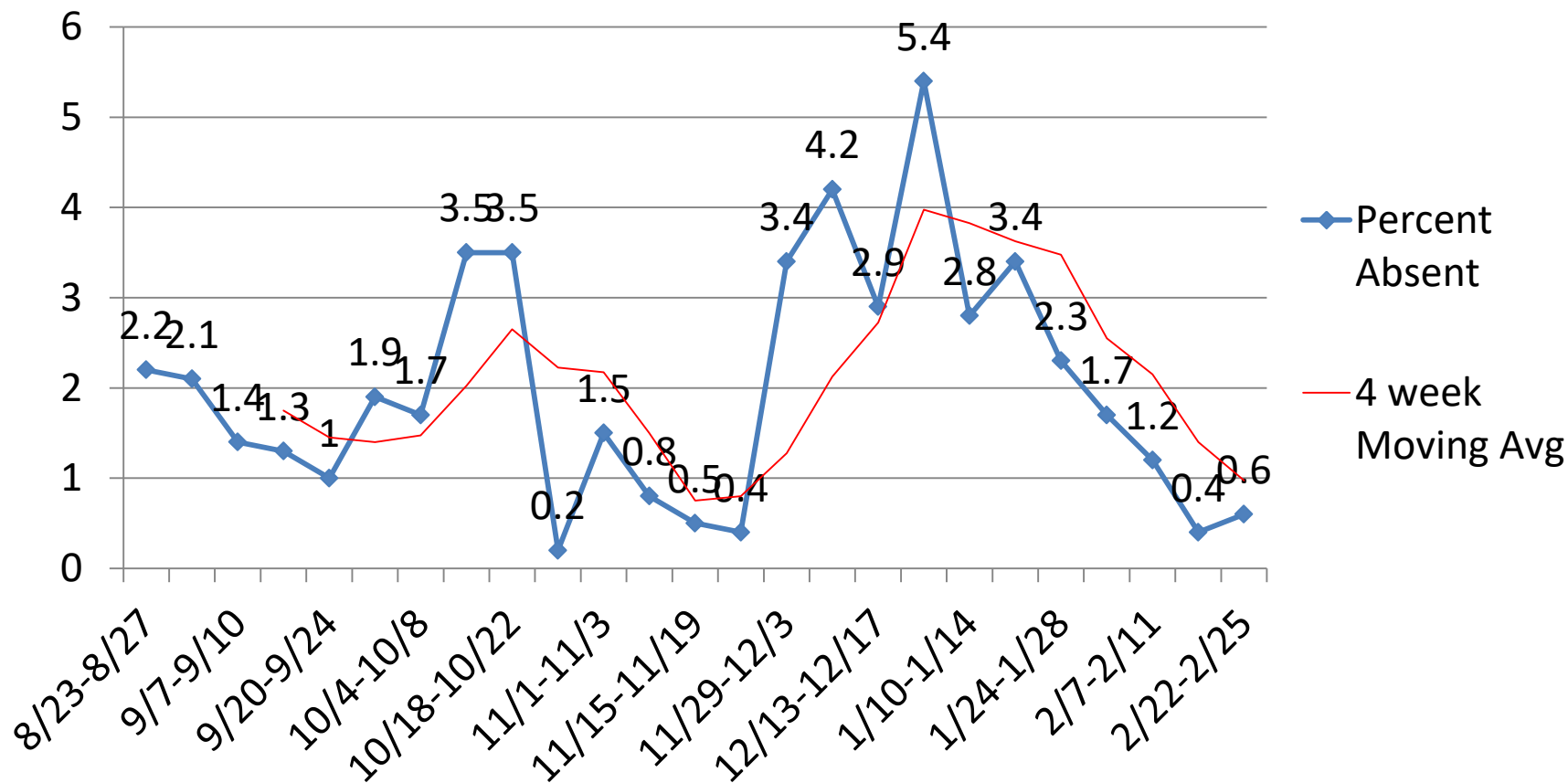
# Percent of PS-8 Students Absent due to Positive COVID Test, COVID Symptoms, or Quarantining as Close Contact

## Percent Absent



# Percent of PS-8 Students Absent due to Positive COVID Test, COVID Symptoms, or Quarantining as Close Contact by Week

Percent Absent



# Percent of PS-8 Students & Staff Absent due to Positive COVID Test, COVID Symptoms, or Quarantining as Close Contact

## Percent Absent

