

# COVID Data

December 31, 2021

# Scott County Data

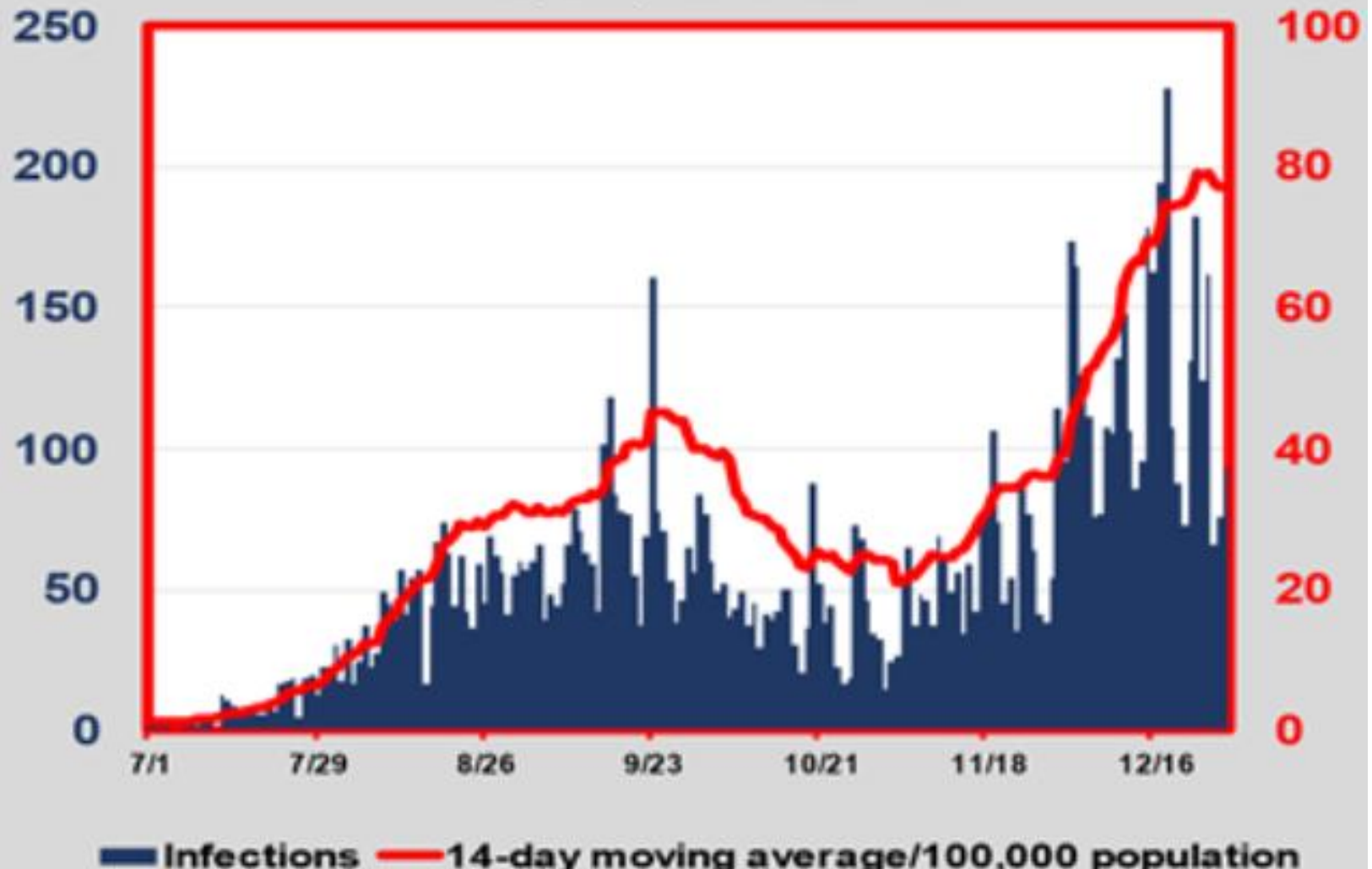
# Epidemic status 28 Dec.

## Infections and 14-day moving average

SCHD 1 Jul-28 Dec 2021

Cumulative infections (with epiLinked) = 31,452

14-day test positive rate = 15.6%

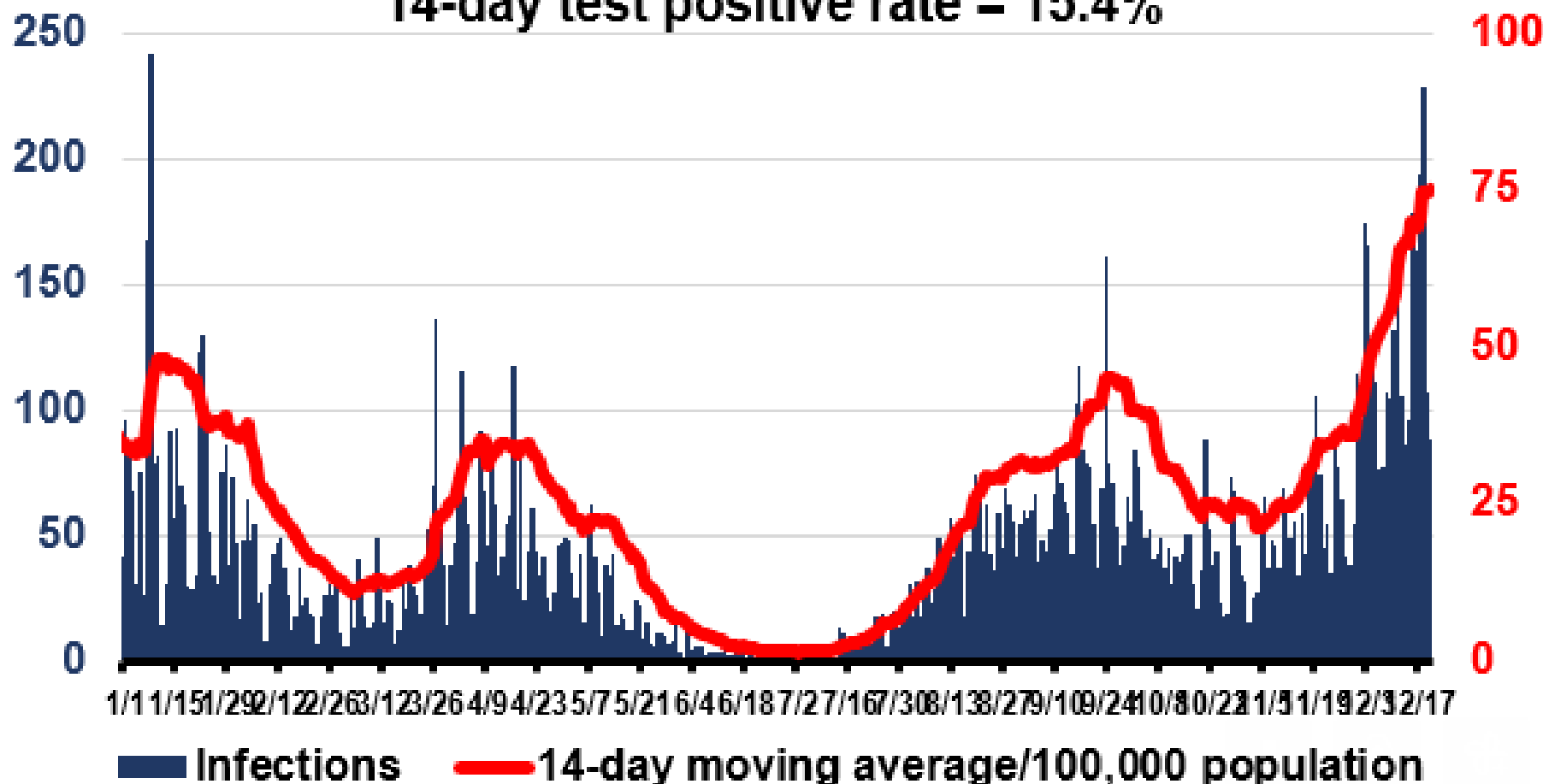


# Infections and 14-day moving average

SCHD 1 Jan-20 Dec 2021

Cumulative infections (incl. epi-linked) = 30,544

14-day test positive rate = 15.4%

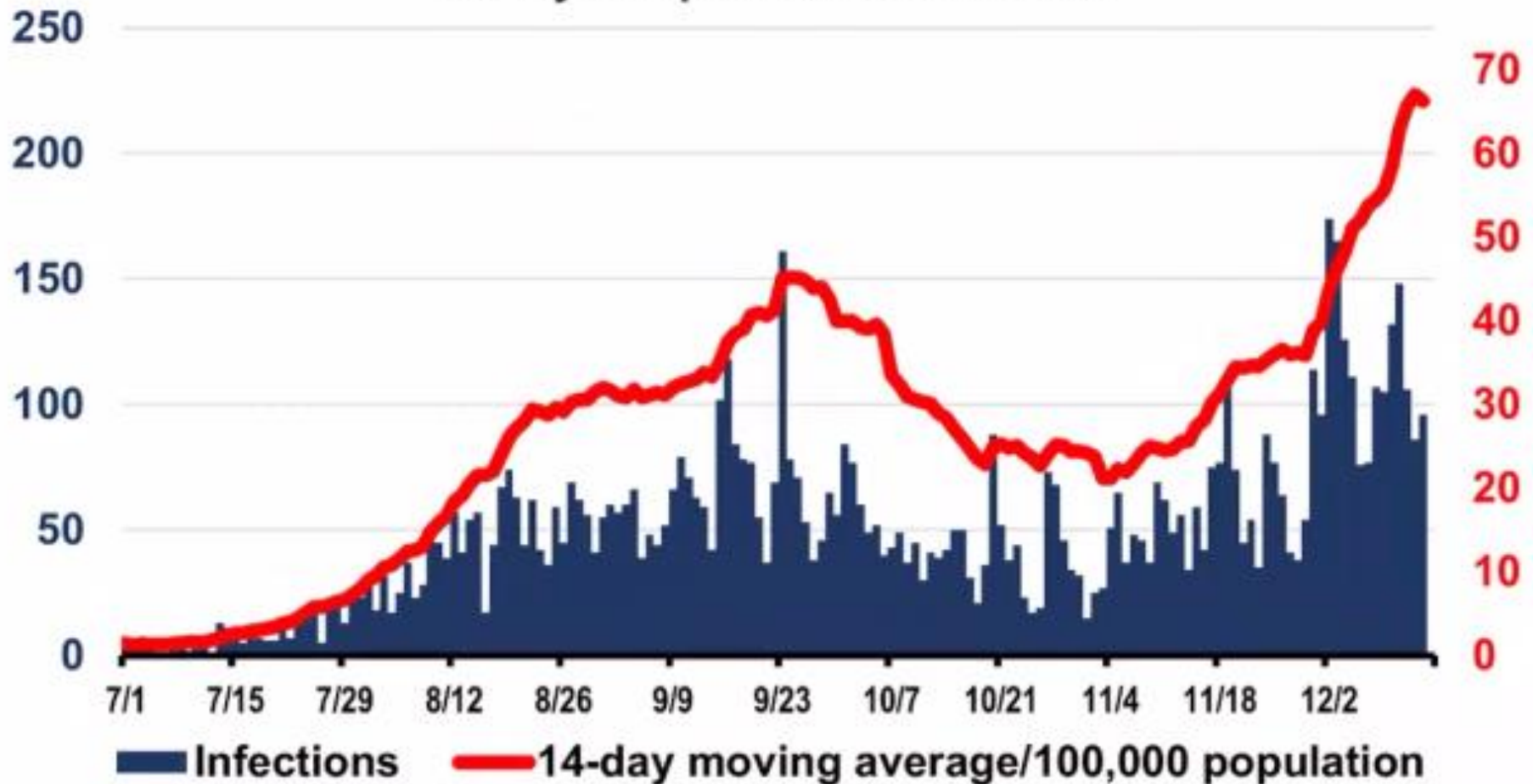


# Infections and 14-day moving average

SCHD: 1 July-14 Dec 2021

Cumulative infections (incl. epi-linked) = 29,586

14-day test positive rate = 14.7%

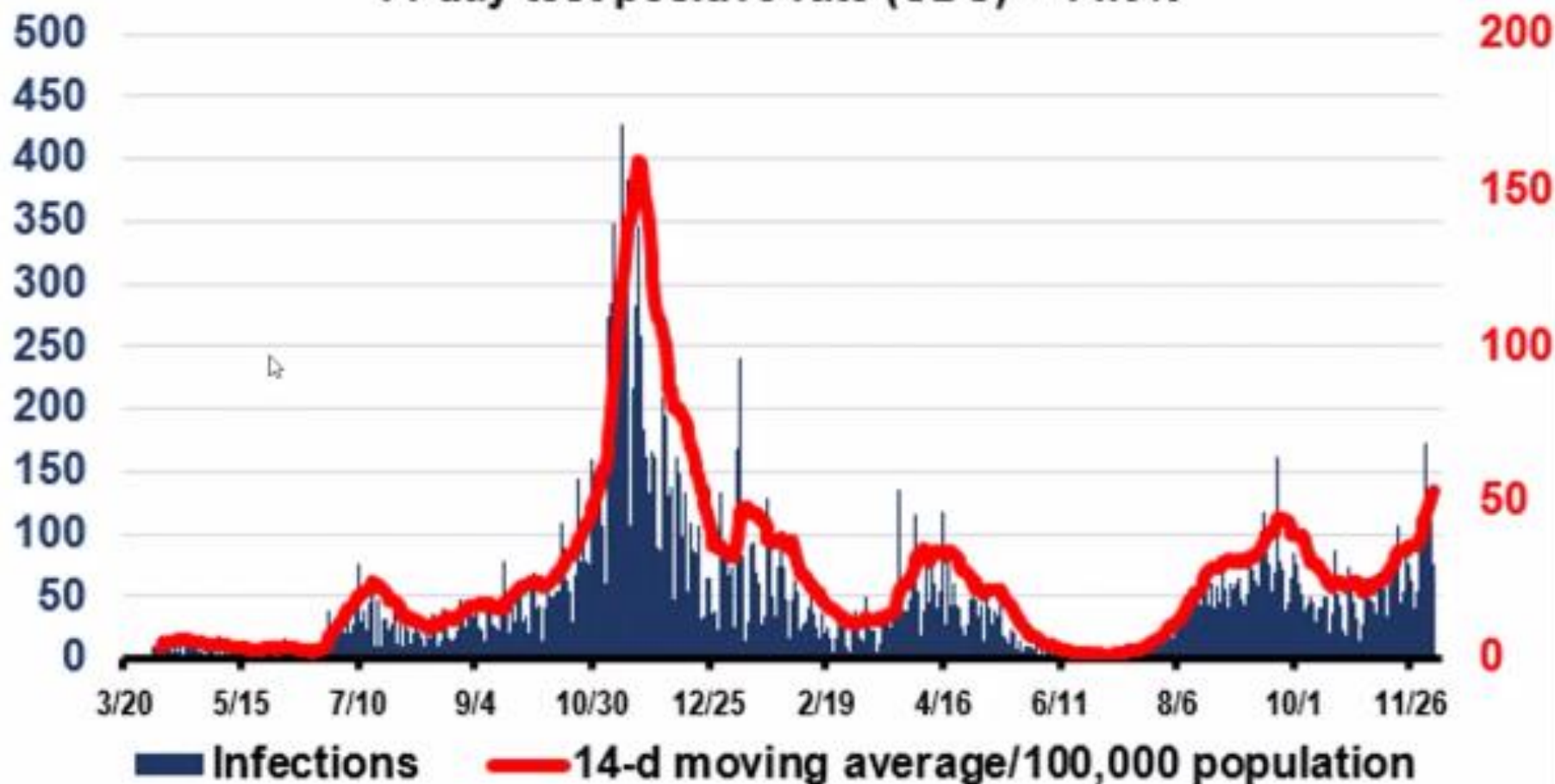


# Infections and 14-day moving average

SCHD 21 Mar 2020-7 Dec 2021

Cumulative infections (with epi-linked) = 28,806

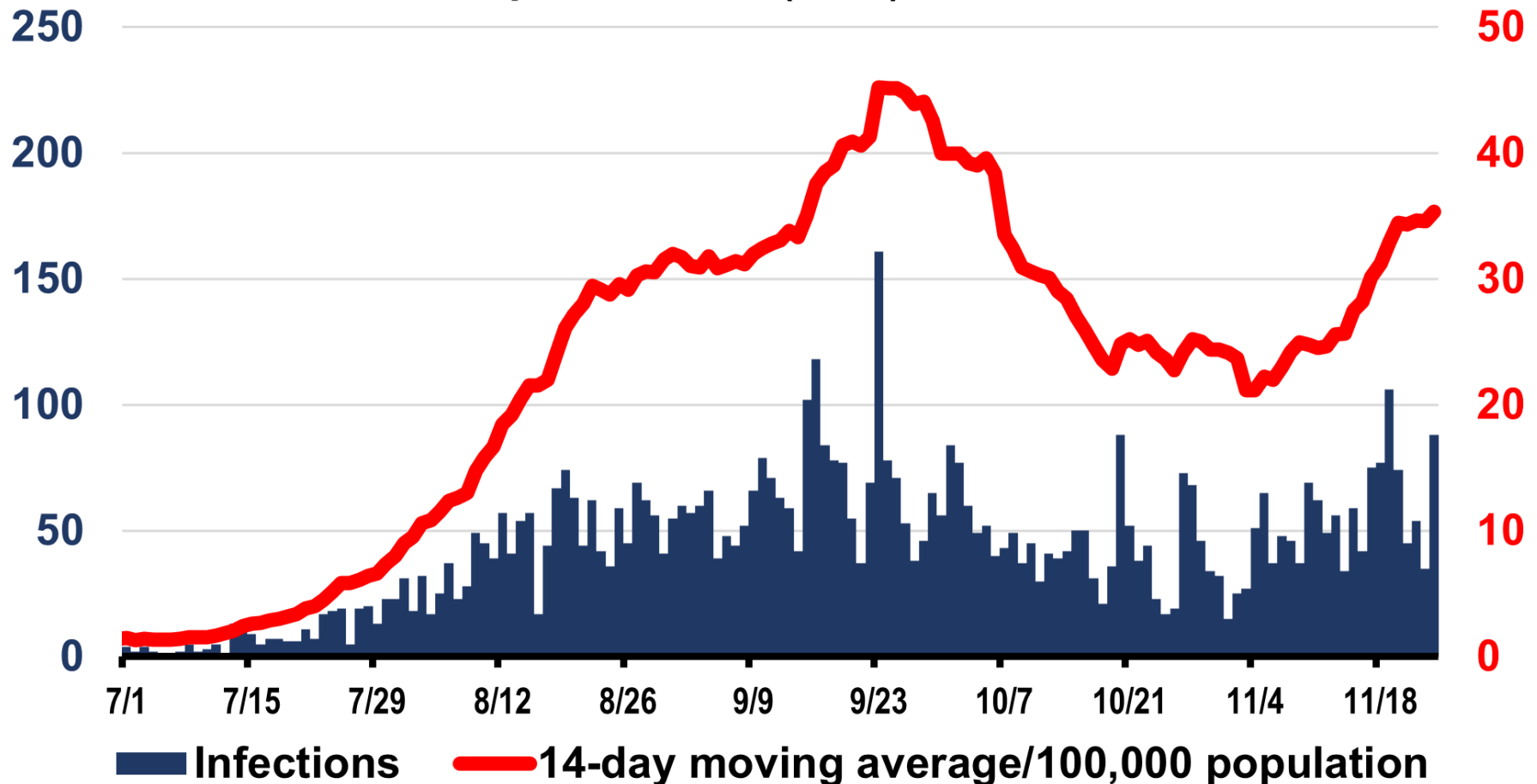
14-day test positive rate (CDC) = 14.0%



# 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%

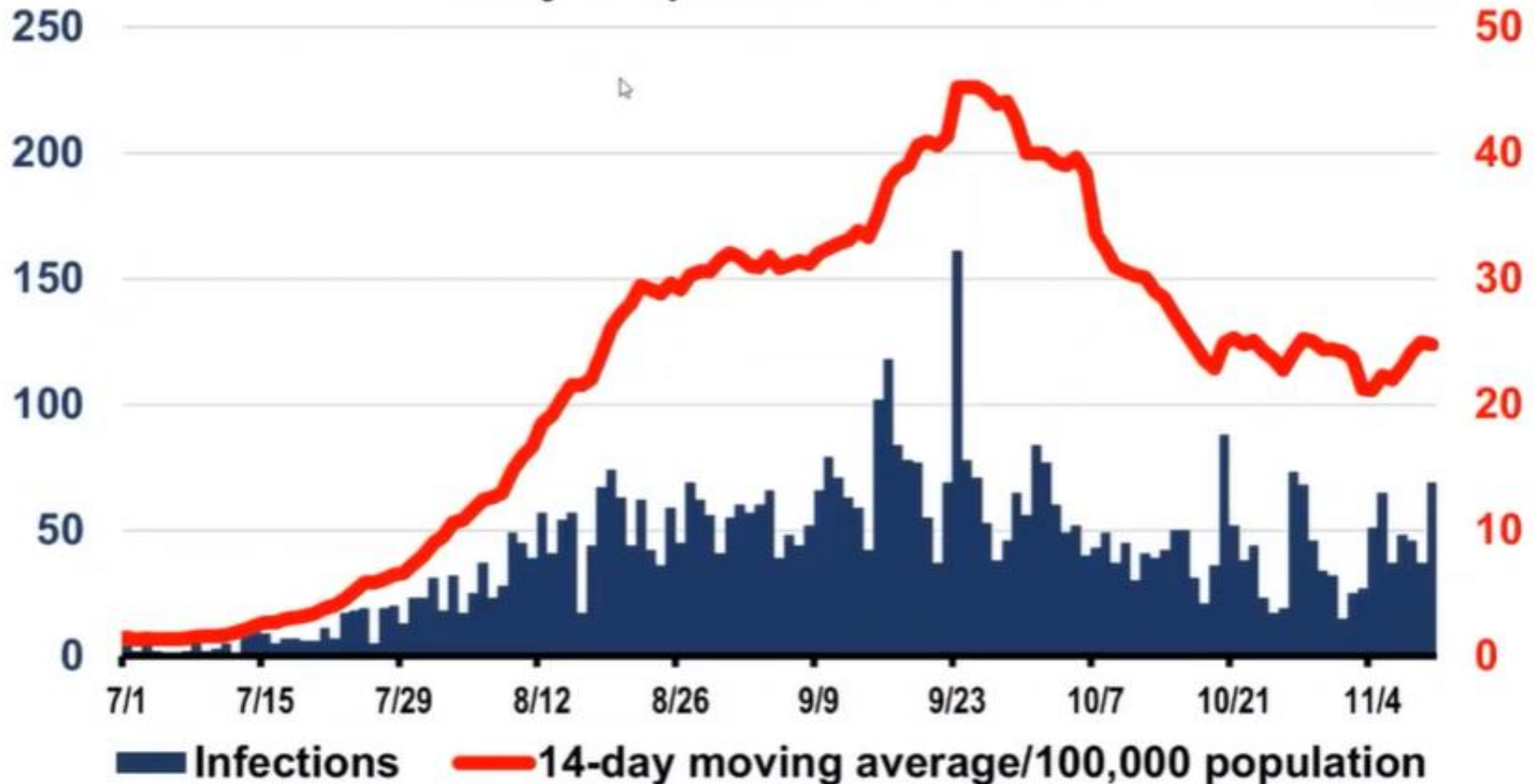


# Infections and 14-day moving average

SCHD 1 July-10 Nov 2021

Cumulative infections (with epi-linked) = 26,737

7-day test positive rate = 10.5%

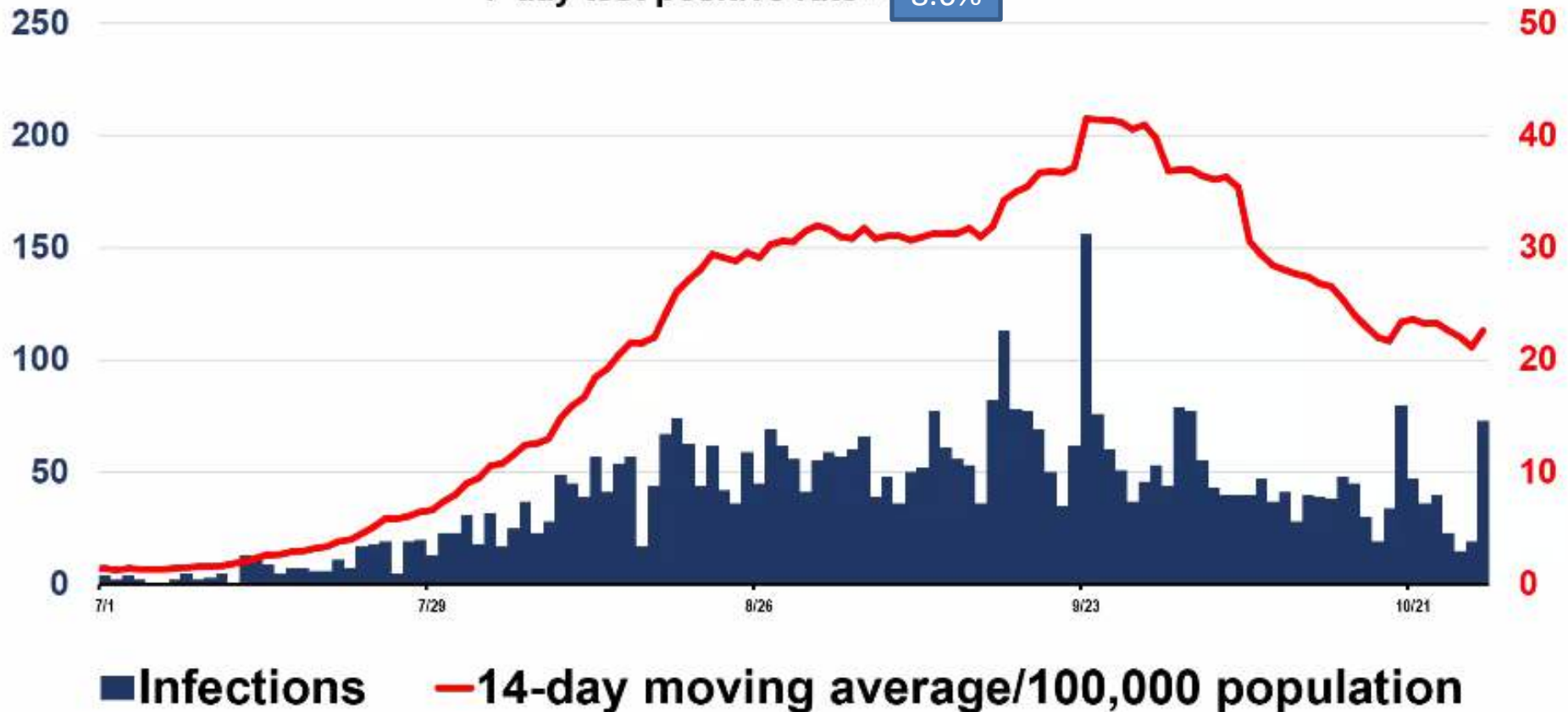


# Infections and 14-day moving average

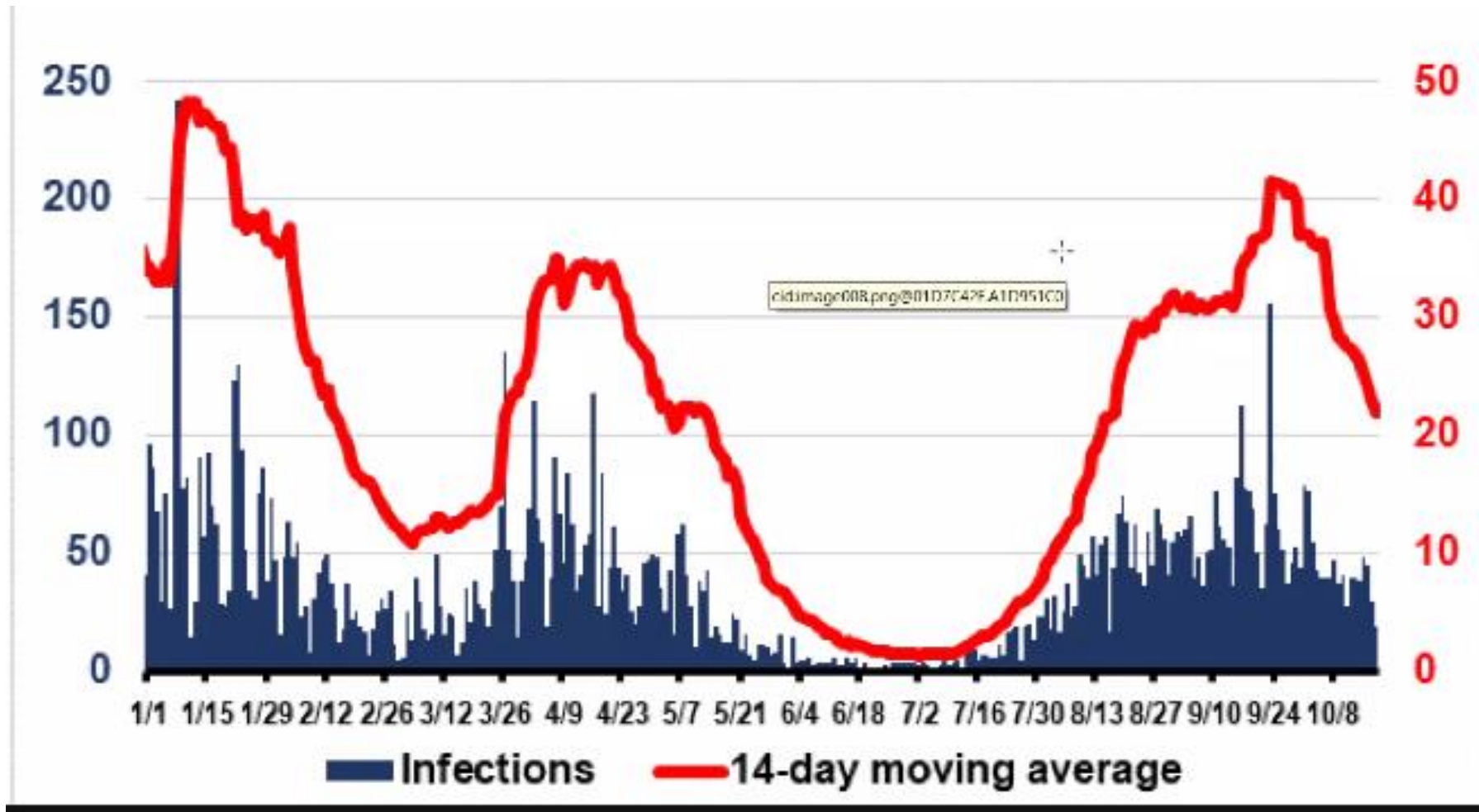
SCHD 1 July-27 Oct 2021

Cumulative infections = 25,904

7-day test positive rate = 8.6%



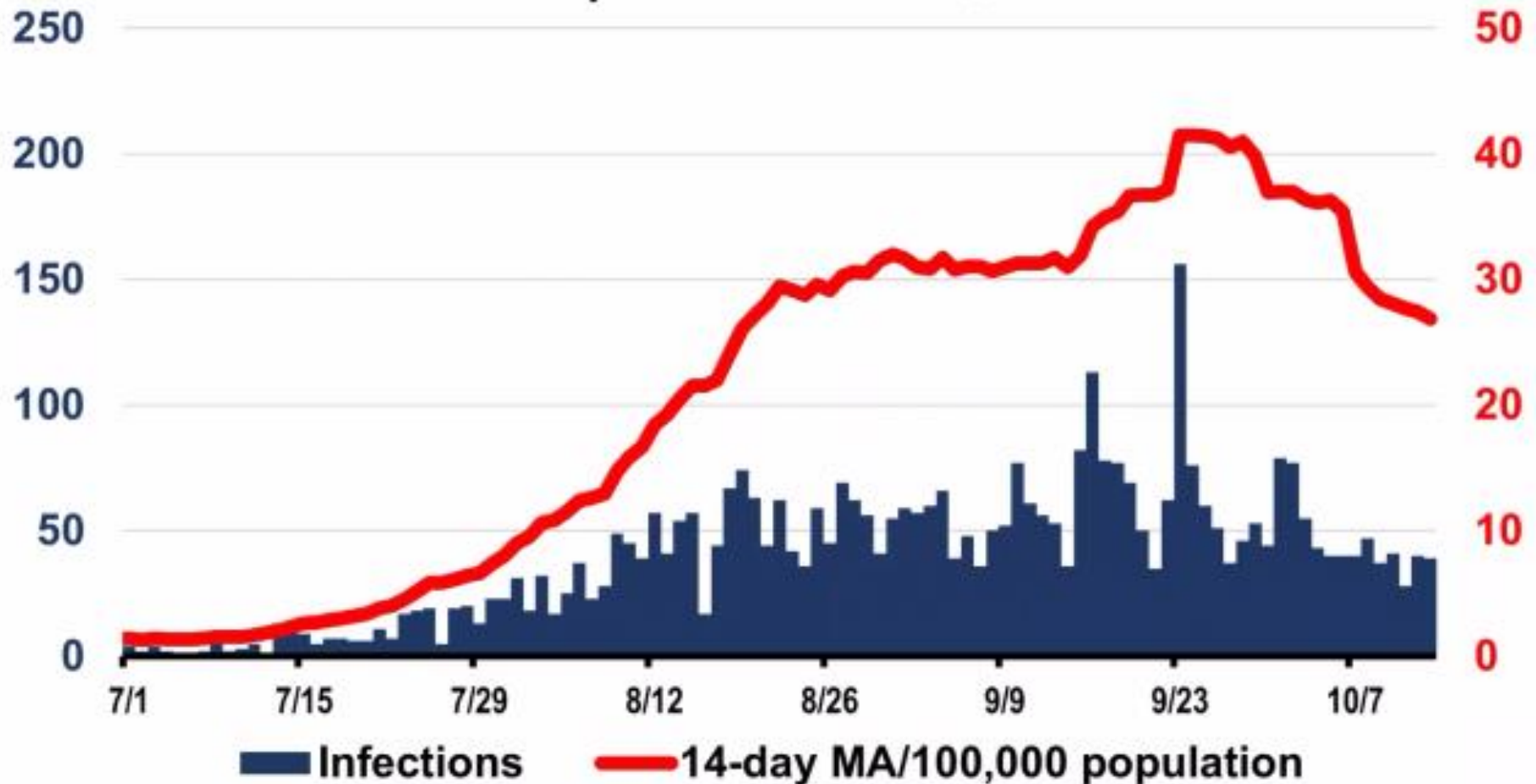
Infections and 14-day Moving Average  
Jan 1, 2021 – Oct 20, 2021



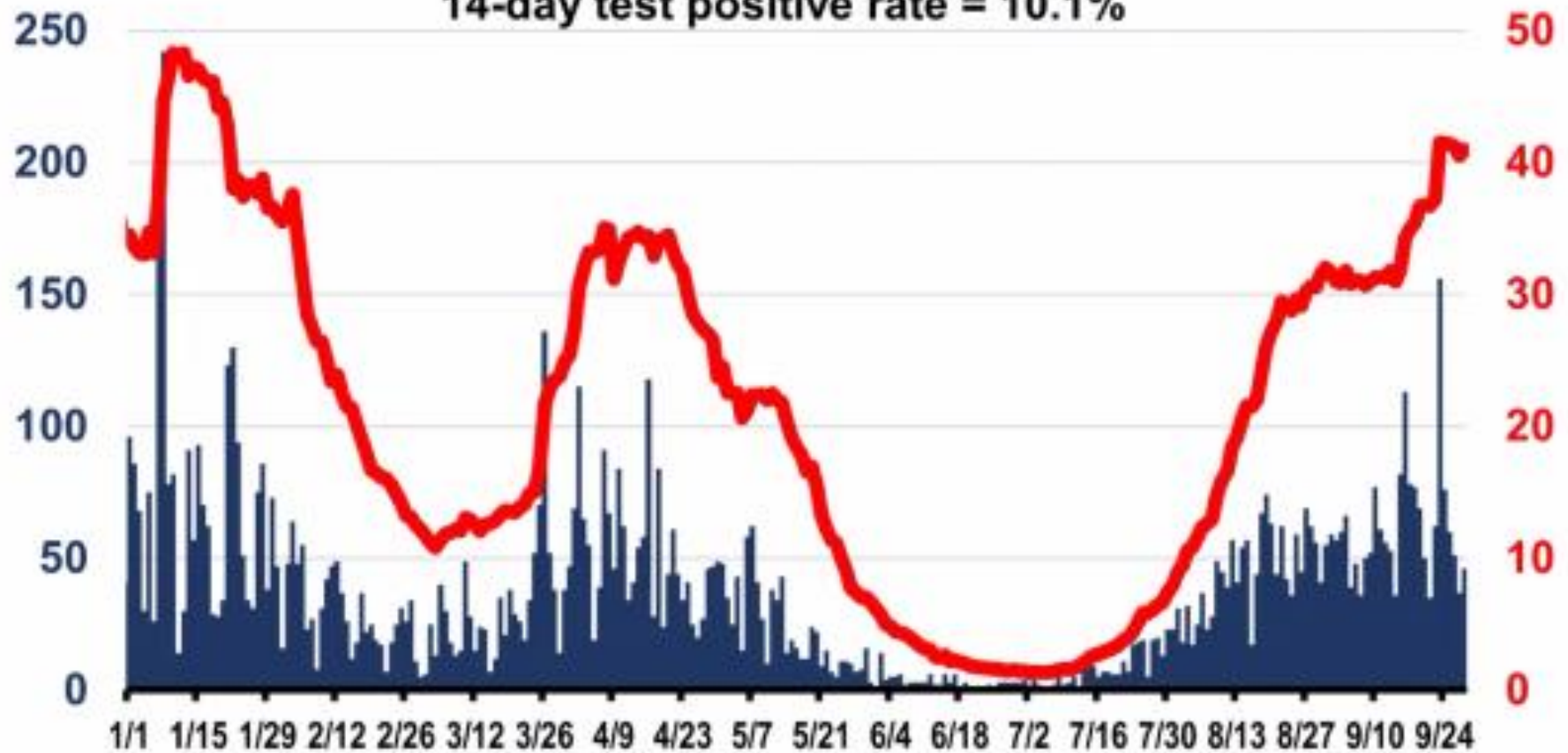
# Infections and 14-day moving average

SCHD 1 Jul-13 Oct 2021

Cumulative infections = 25,357 (incl. epi-linked) 7-day test  
positive rate = 7.8%



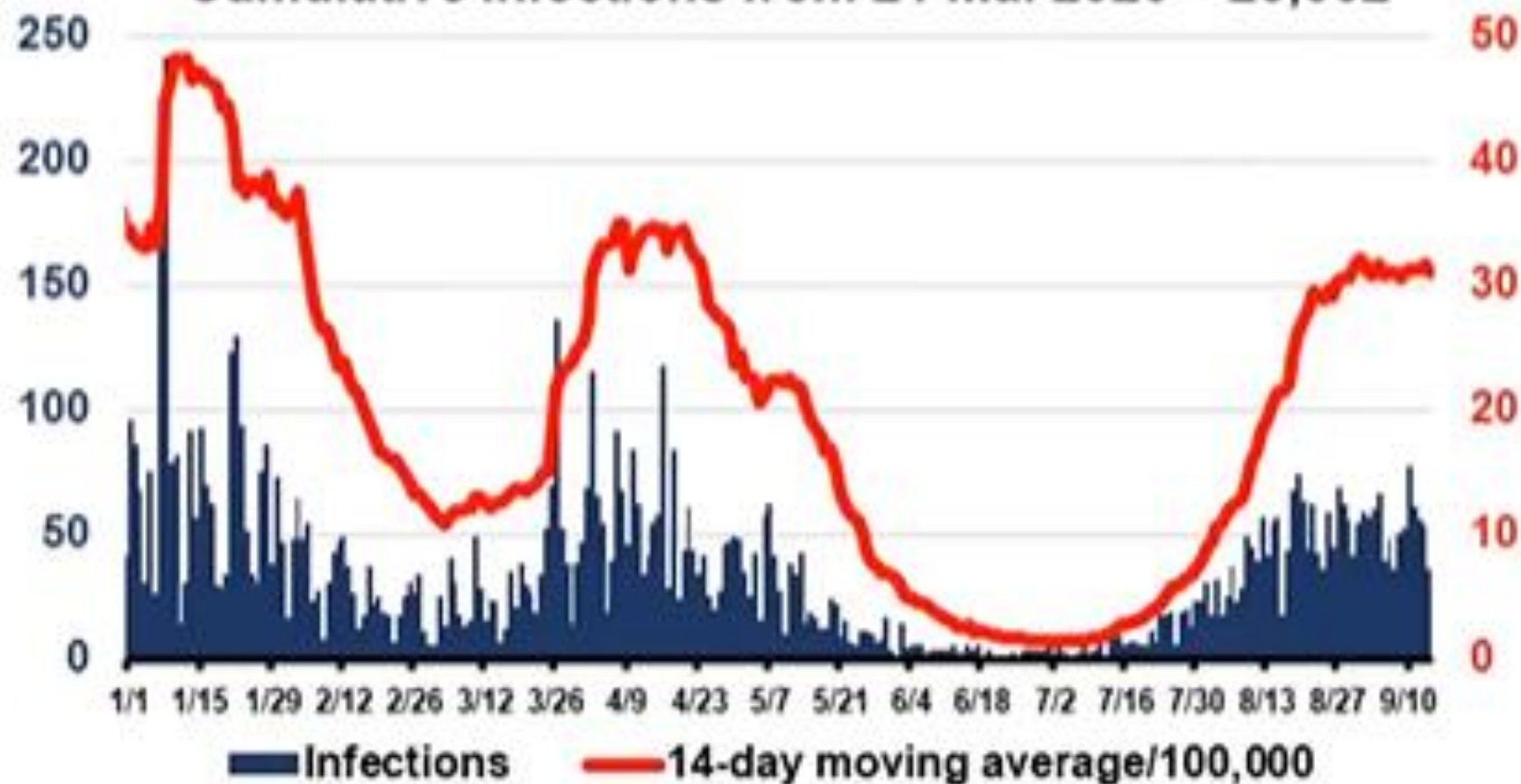
**Infections and 14-day moving average**  
**SCHD 1 Jan-29 Sep 2021**  
**Cumulative infections (incl. epi-linked) = 24,654**  
**14-day test positive rate = 10.1%**



# Infections and 14-day moving average

SCHD 1 Jan-14 Sep 2021

Cumulative infections from 21 Mar 2020 = 23,662

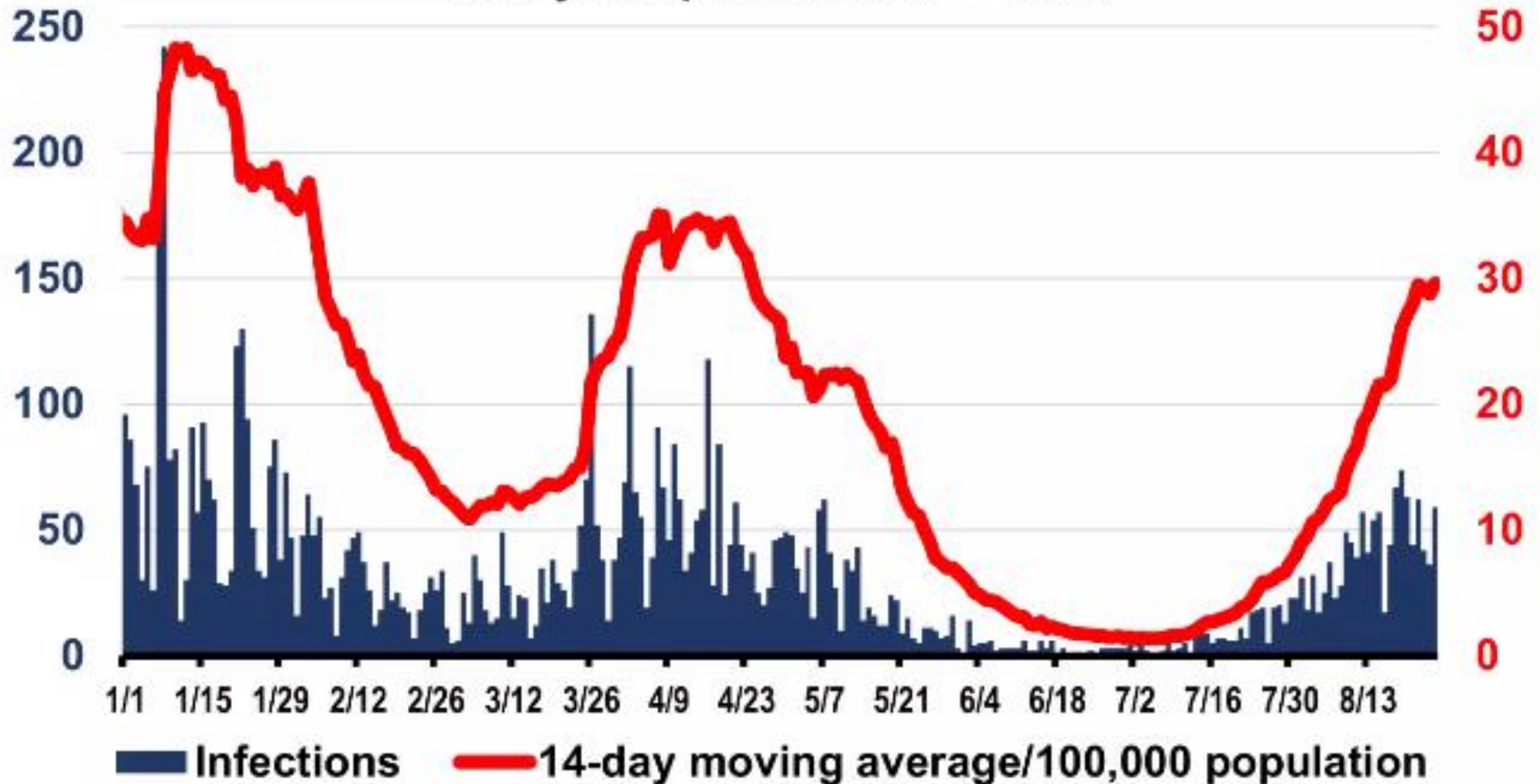


# Infections and 14-day moving average

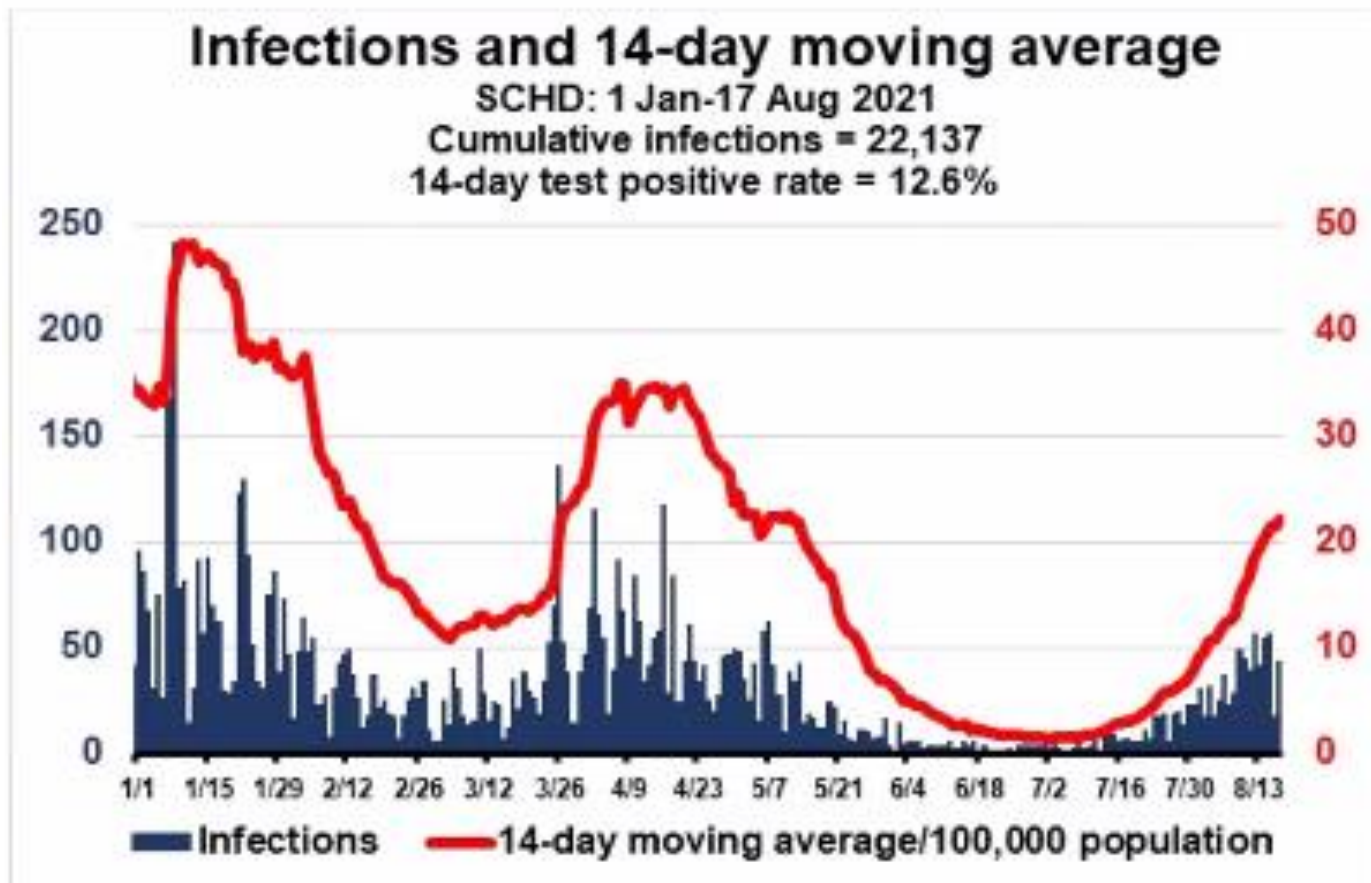
SCHD 1 Jan-25 Aug 2021

Cumulative infections = 22,584

14-day test positive rate = 14.0%



Beginning of 2021-22 school year



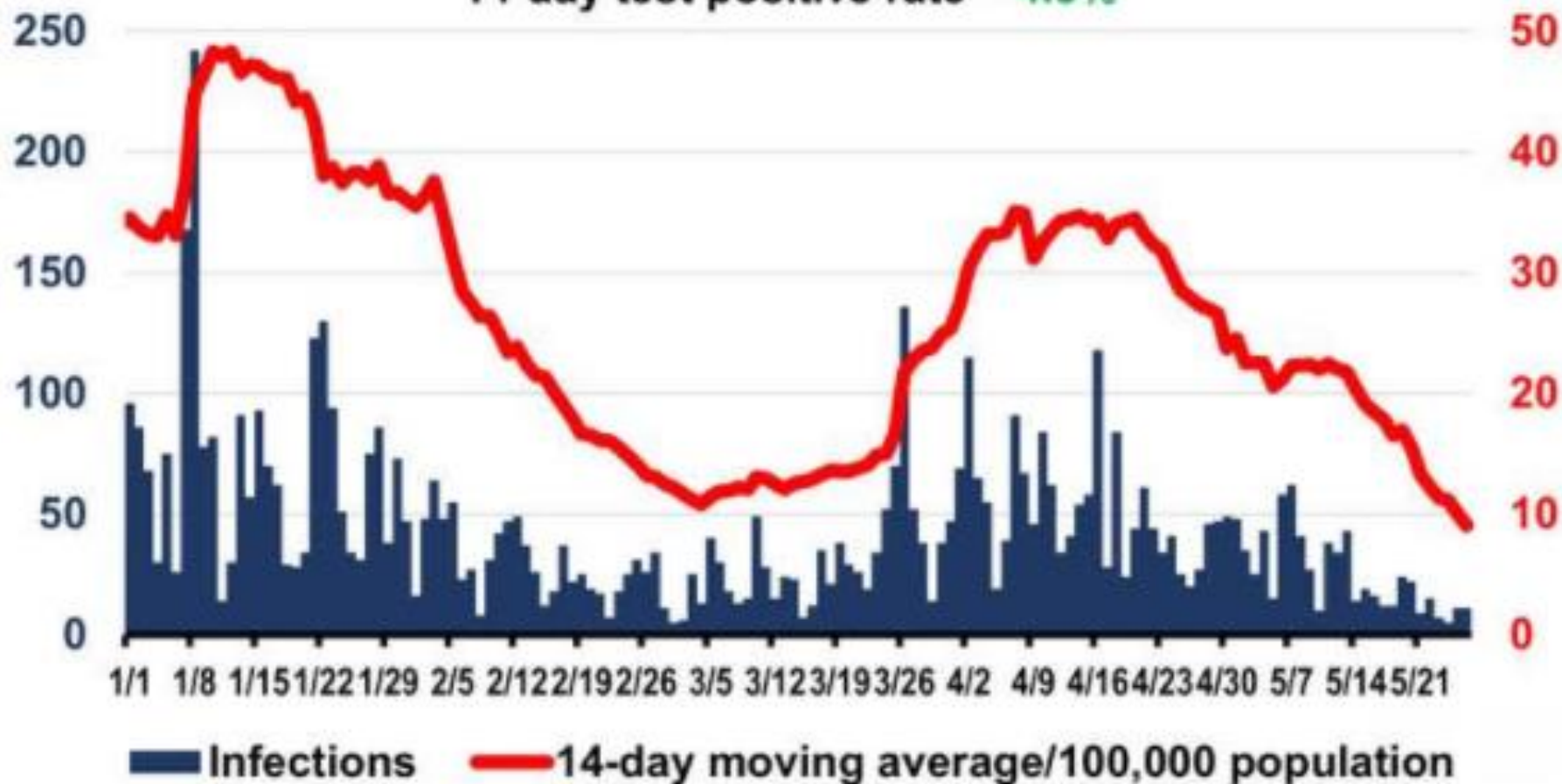
End of 2020-21 school year

## 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 <30                                             | 30 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%                                    |
| Ability of the school to implement 5 key mitigation strategies: <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> Schools should adopt the additional mitigation measures outlined below to the extent possible, practical and feasible. | 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%                                                |

# CDC Indicators of Community Transmission in Relation to Schools

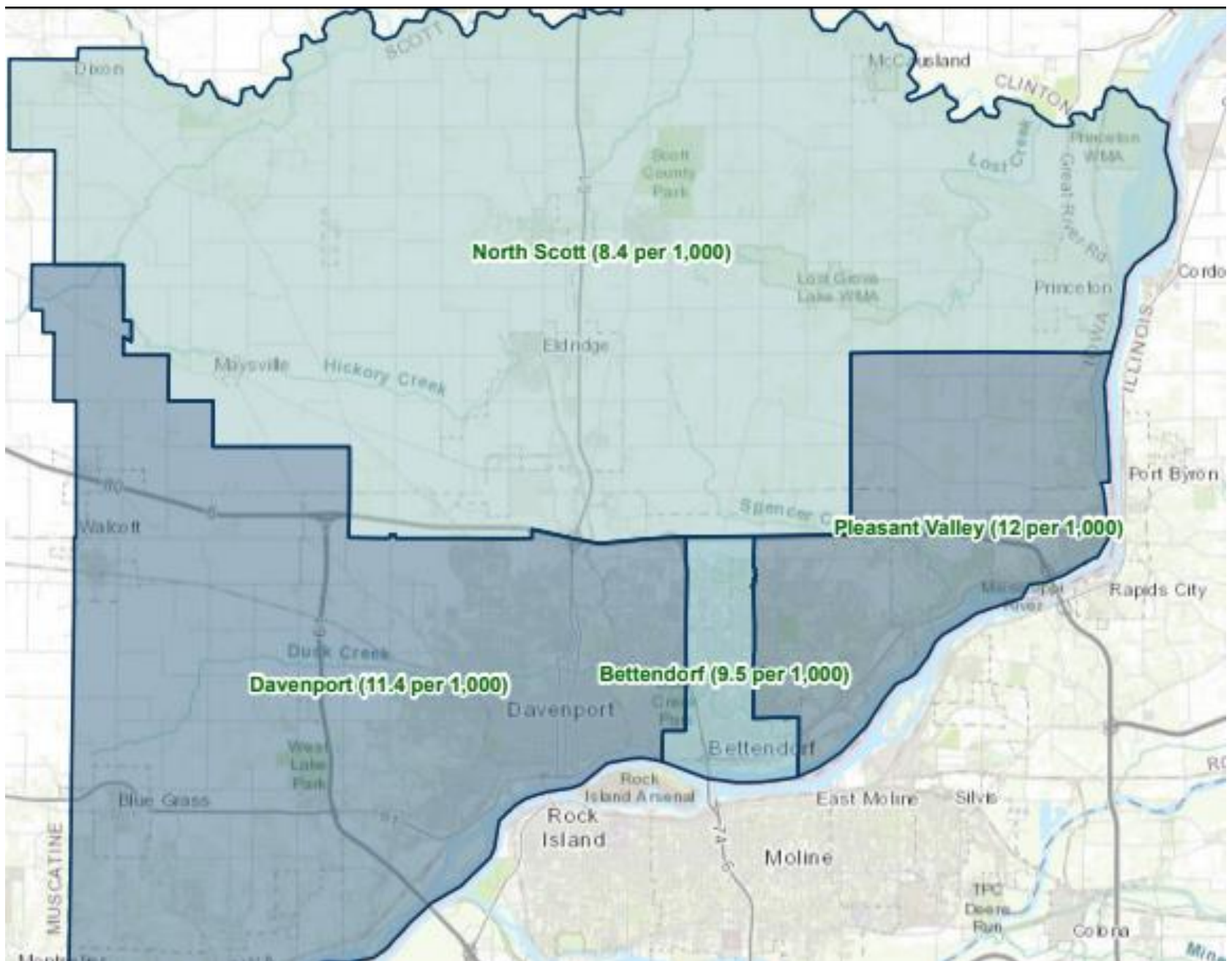
Updated February 7, 2021

| Indicator                                                    | Low Transmission<br>Blue | Moderate Transmission<br>Yellow | Substantial Transmission<br>Orange | High Transmission<br>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%                          | $\geq 10\%$              |

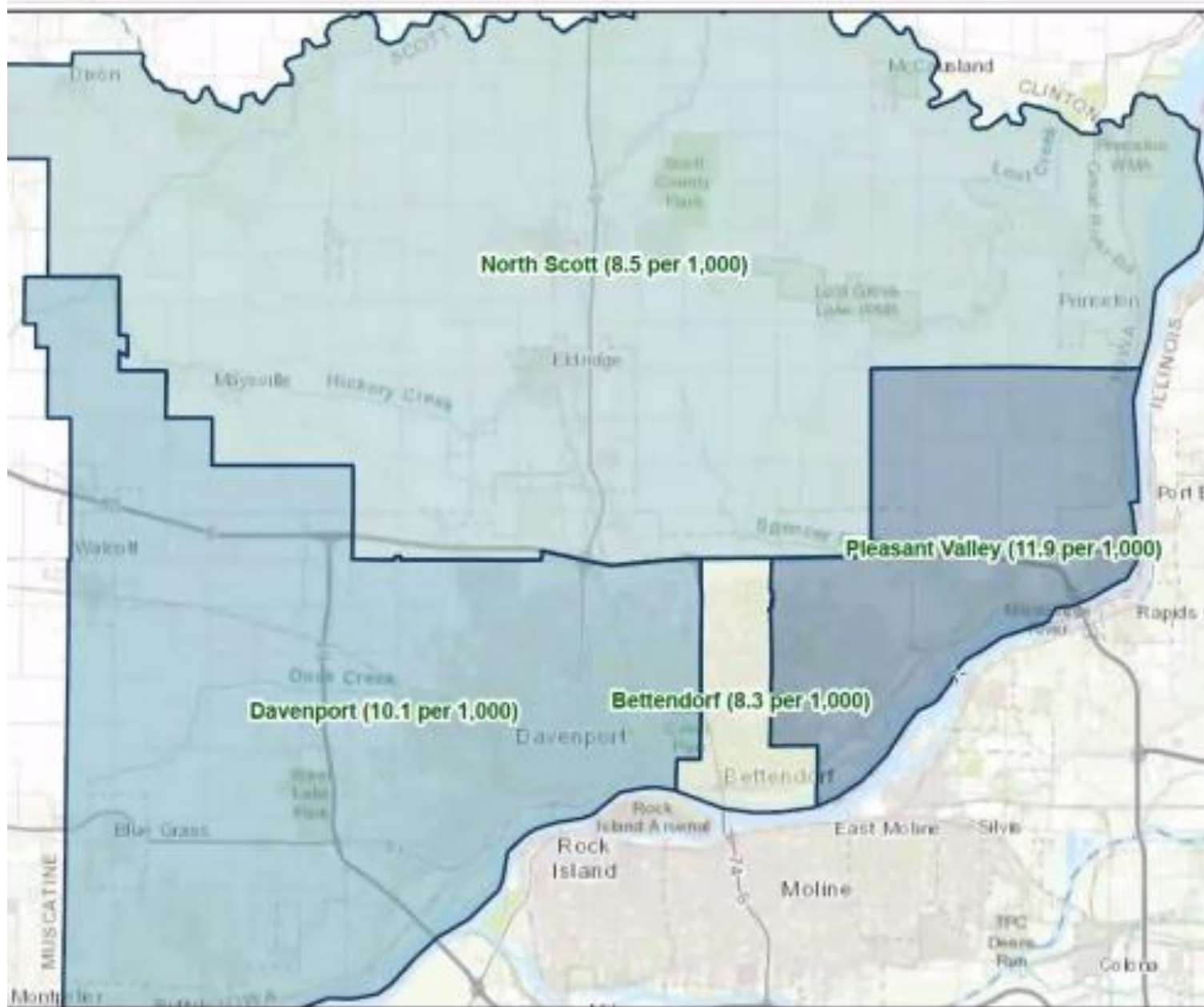
| Date    | Total New Cases Per 100,000 in Past 7 Days | Percent of RT-PCR tests that are positive during the last 7 days |
|---------|--------------------------------------------|------------------------------------------------------------------|
| 2/17/21 | 136                                        | 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%                                                             |

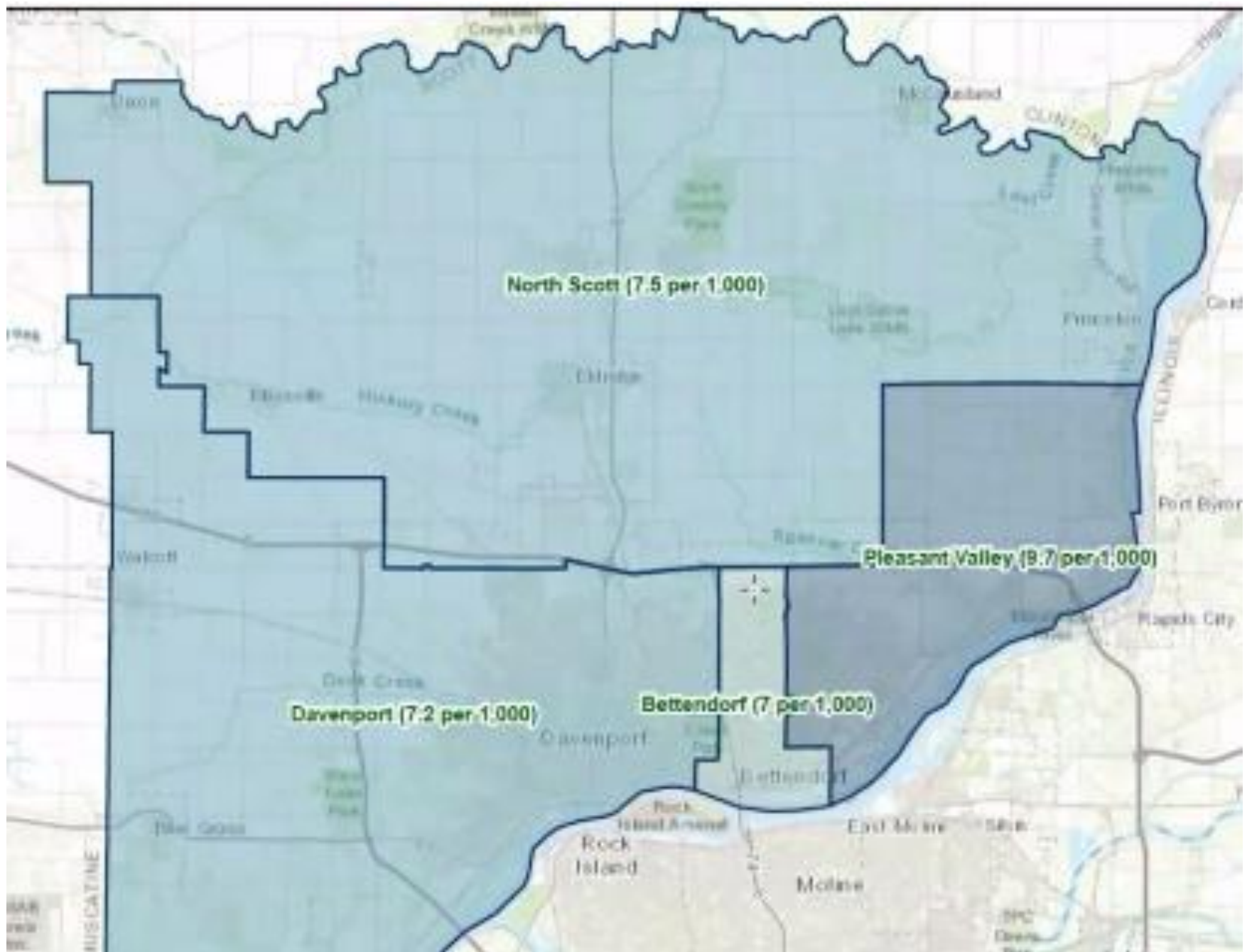
| Date    | Total New Cases Per 100,000 in Past 7 Days | Percent of RT-PCR tests that are positive during the last 7 days |
|---------|--------------------------------------------|------------------------------------------------------------------|
| 6/2/21  | 37                                         | 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%                                                            |

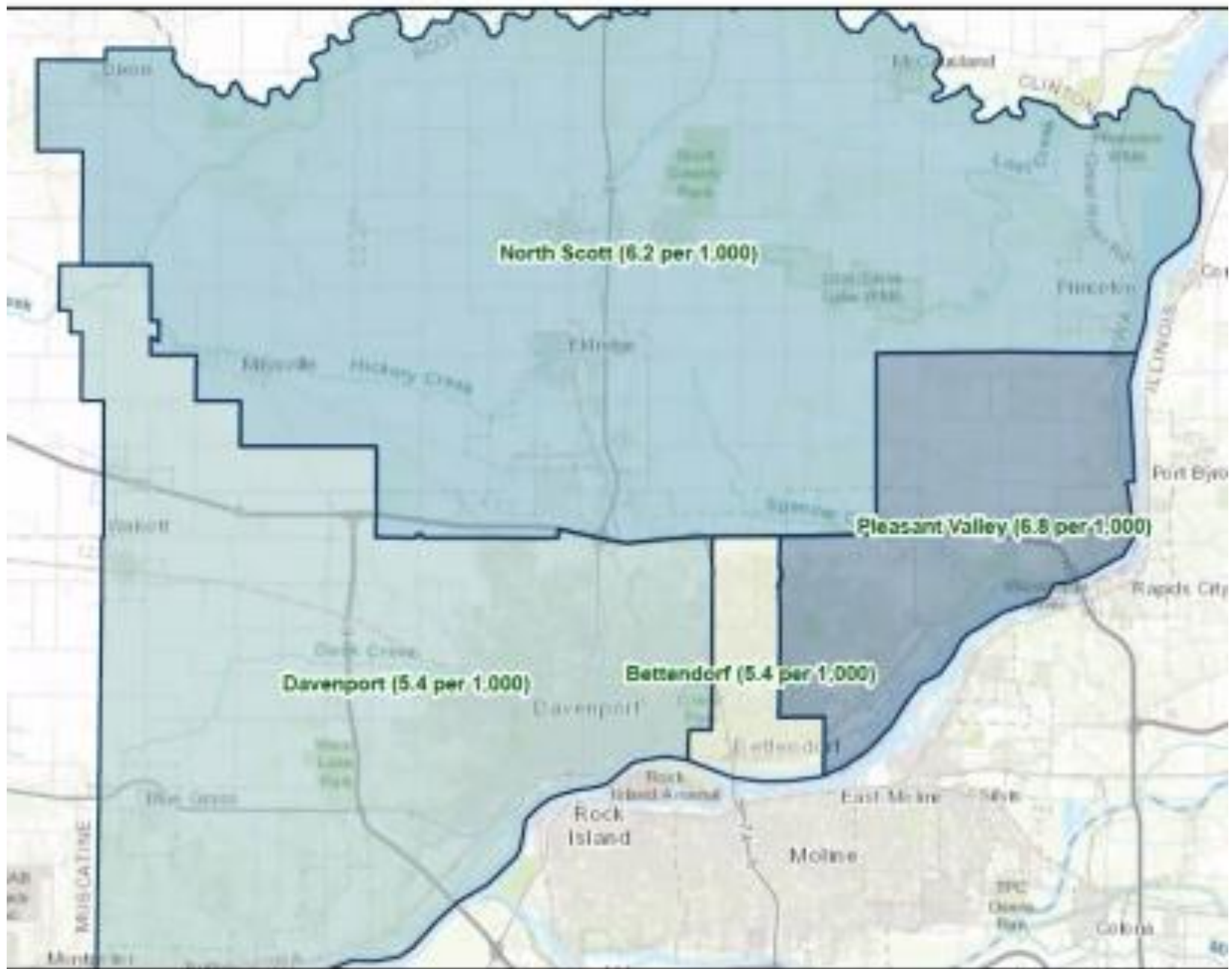


December 22, 2021



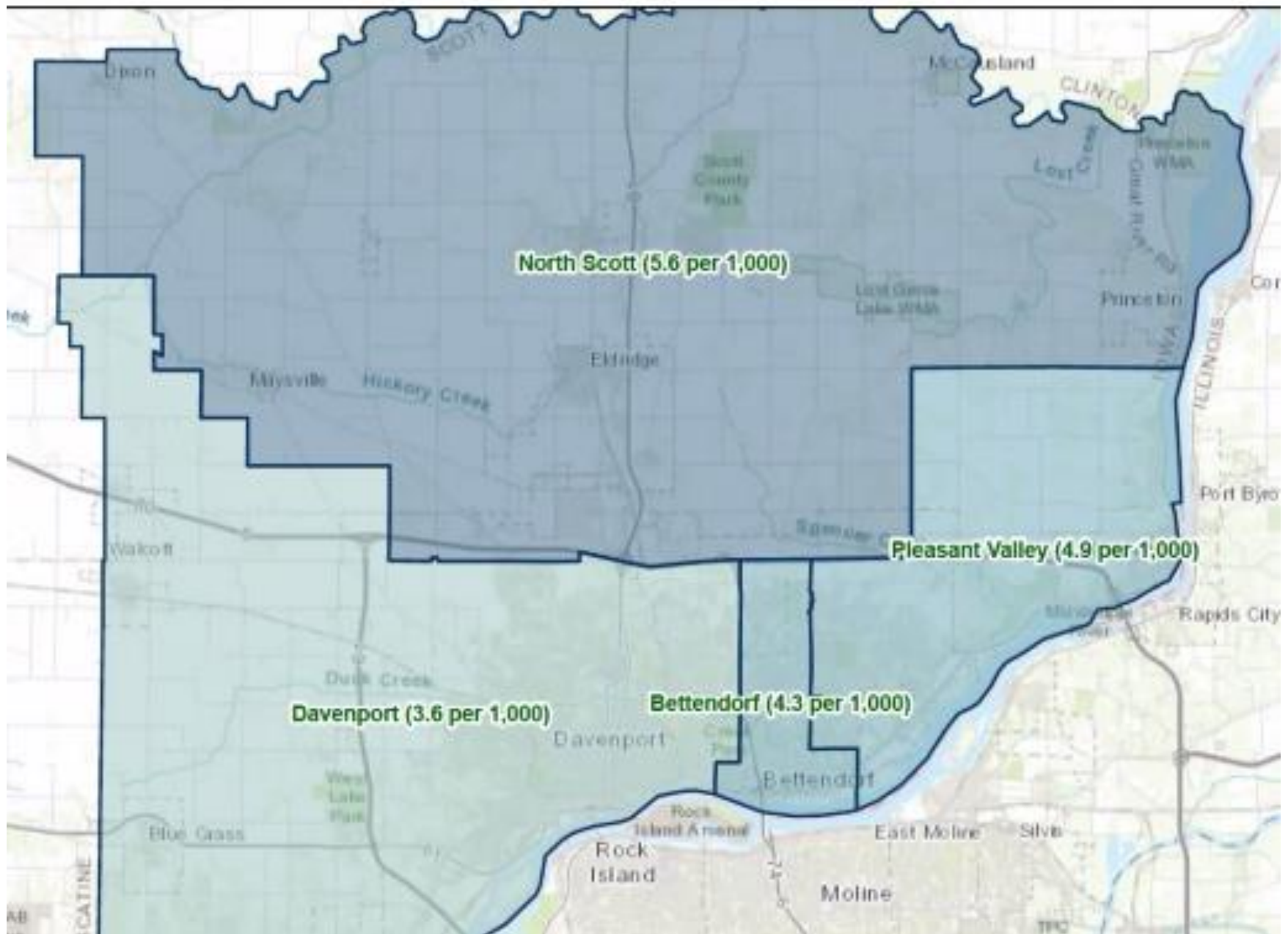


December 8, 2021

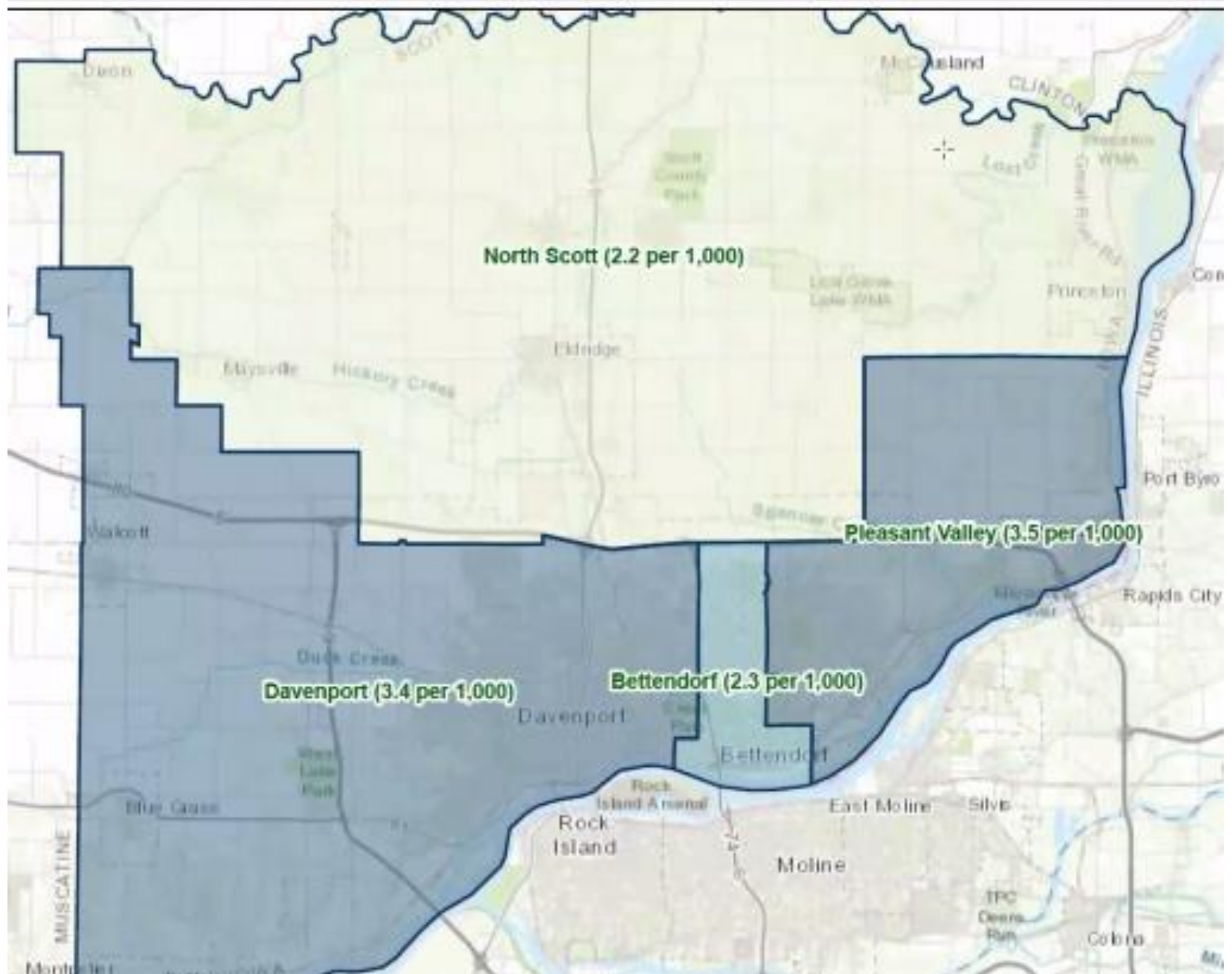


1/28/2021

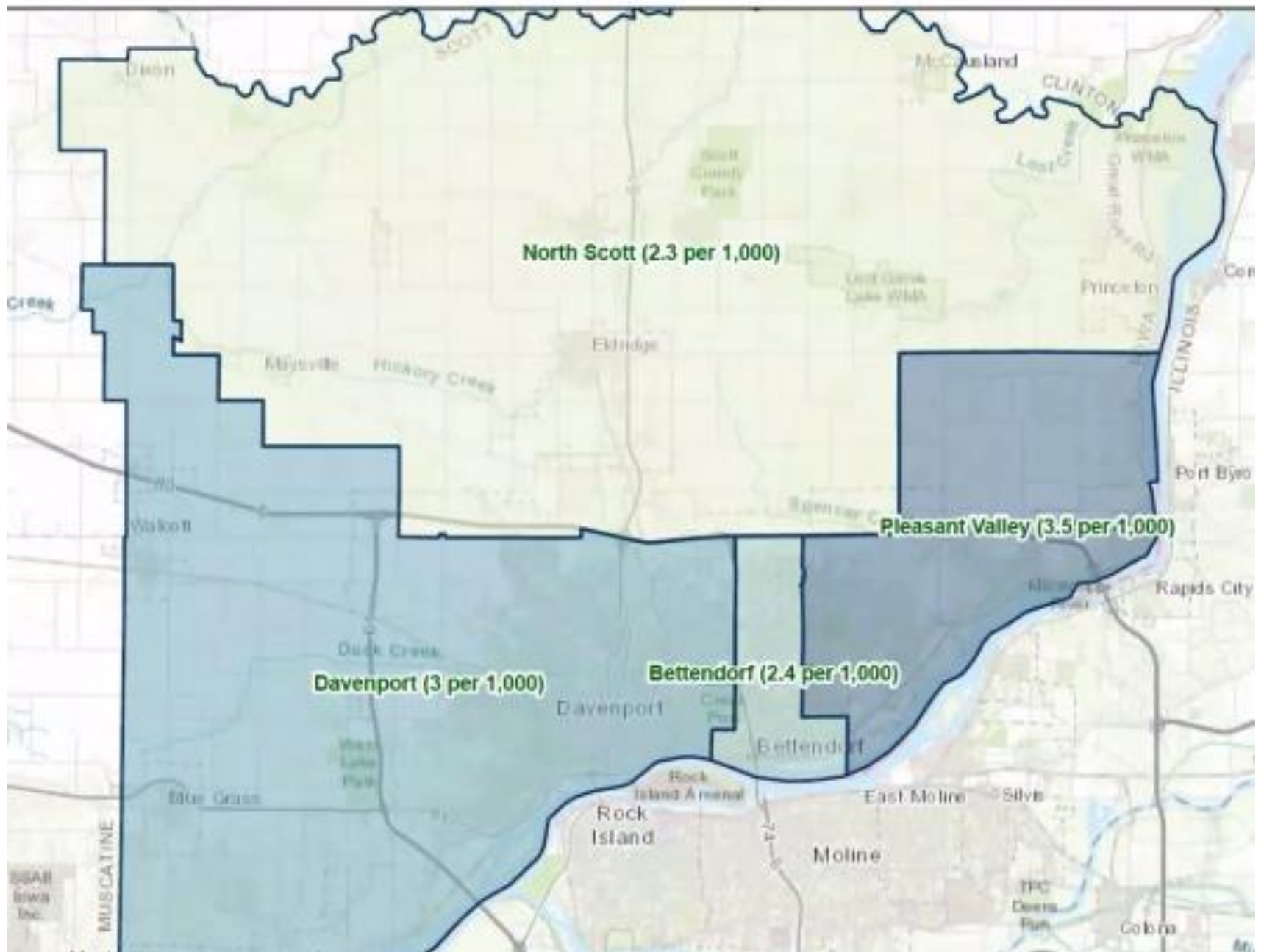
December 1, 2021



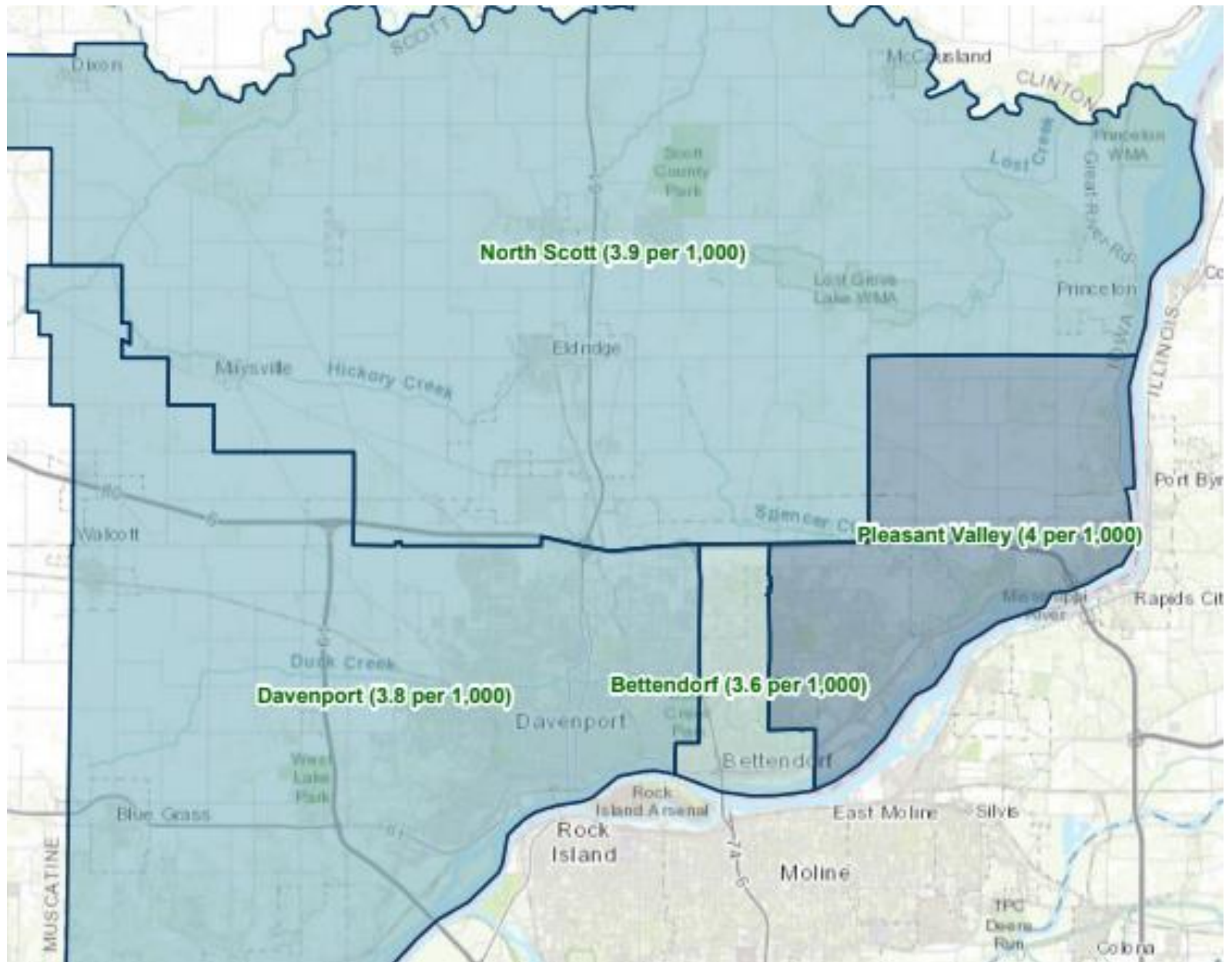
November 18, 2021



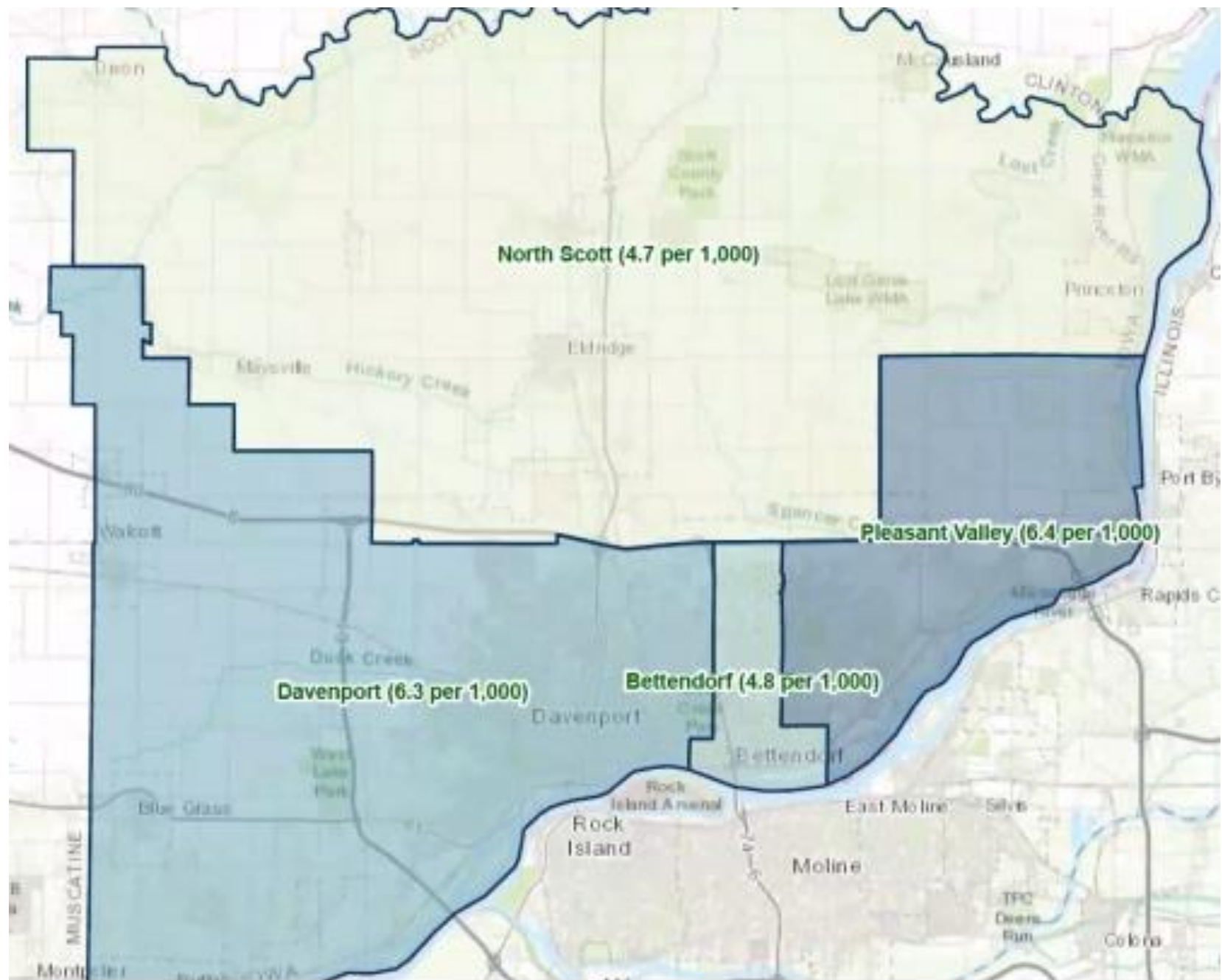
Nov 3, 2021



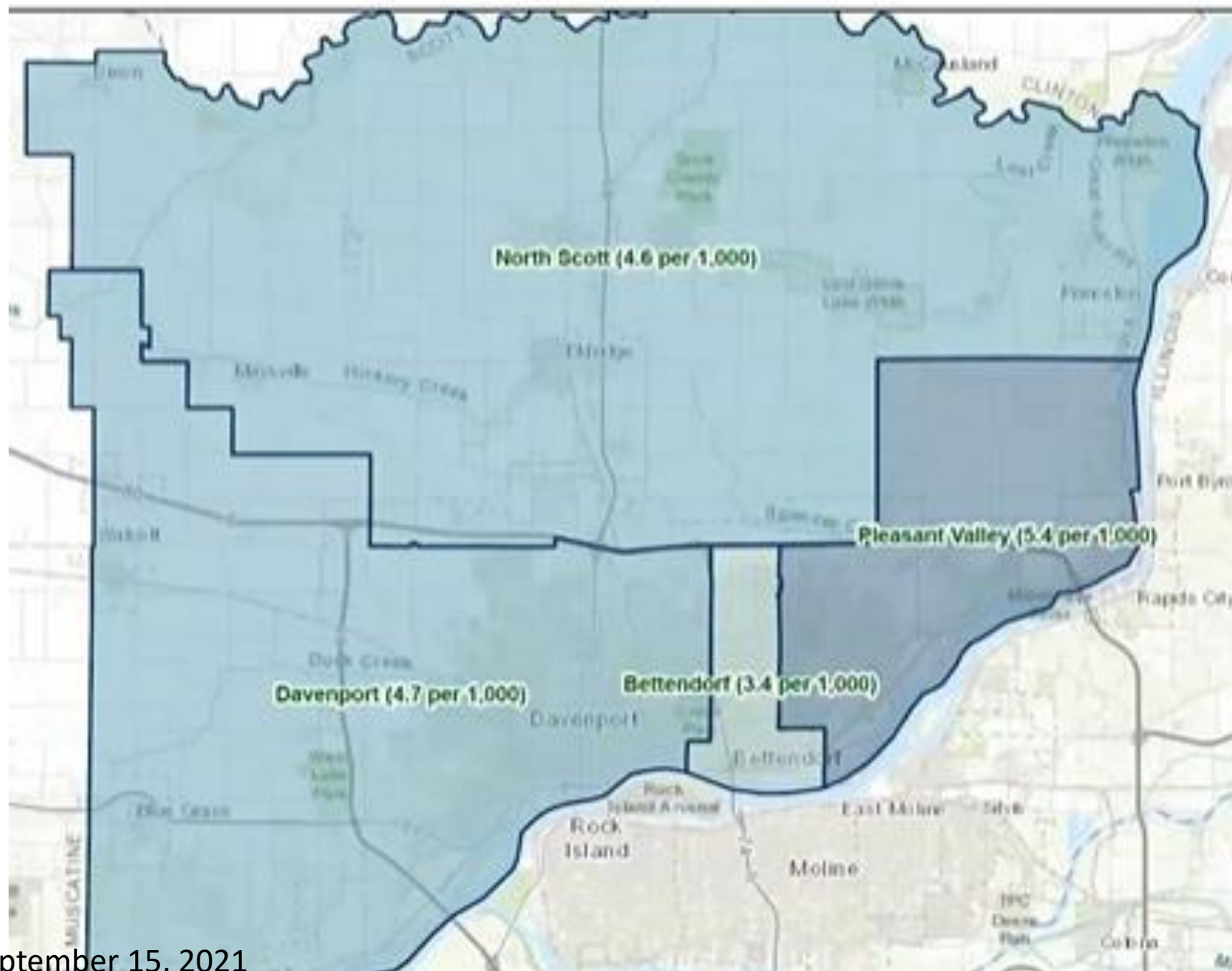
October 27, 2021



Oct 13, 2021

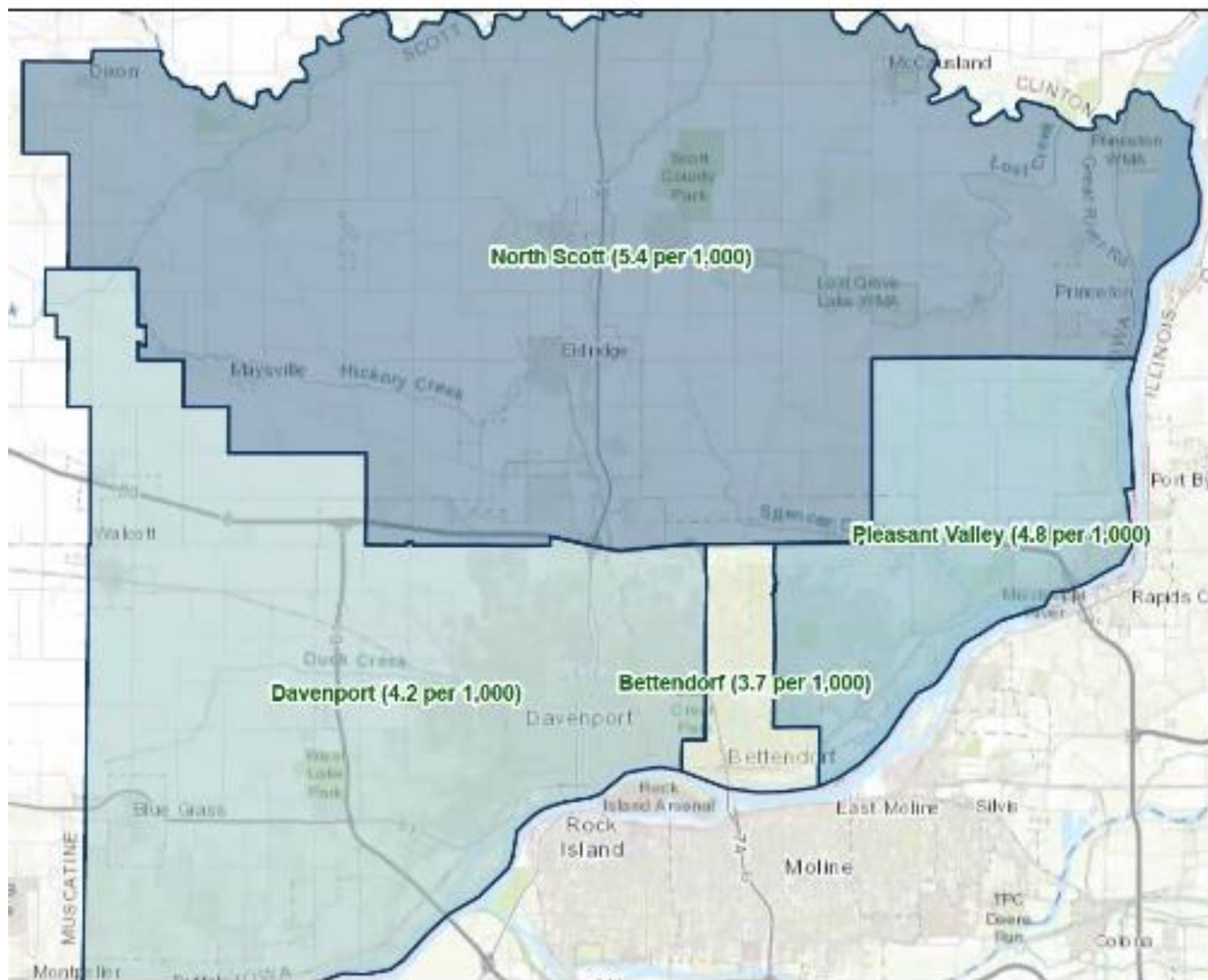


September 29, 2021



September 15, 2021

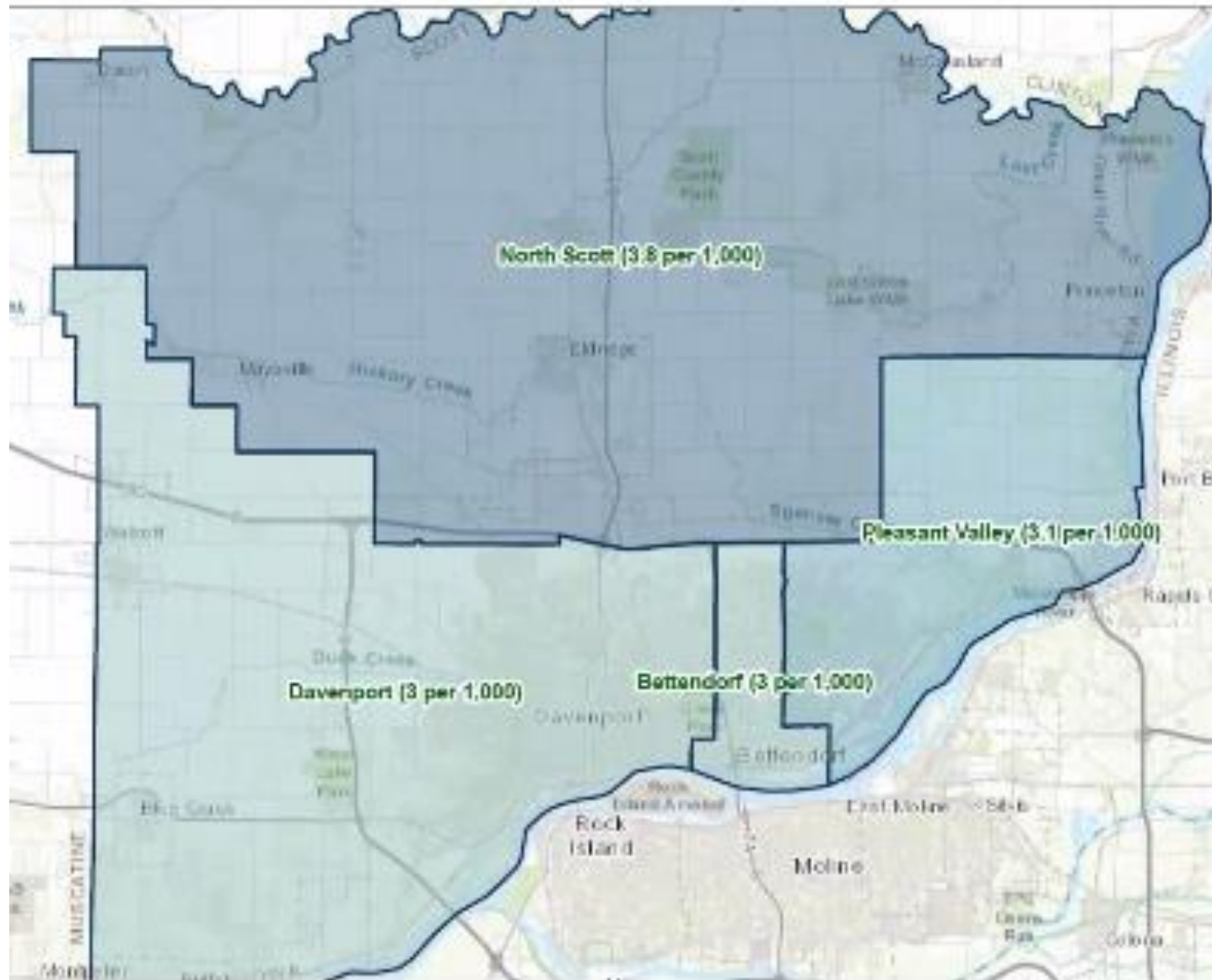
## ARCGIS Web Map



August 25, 2021

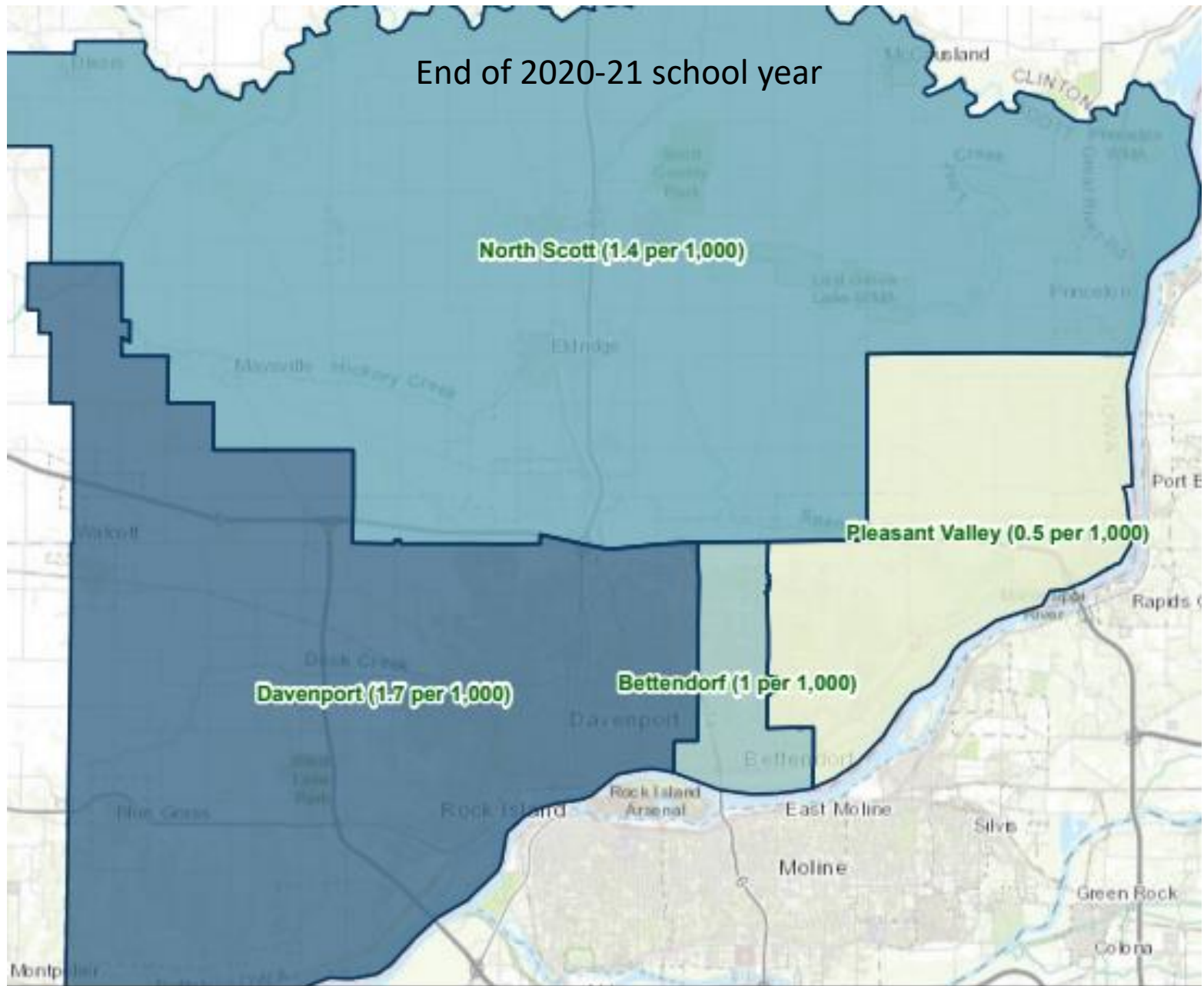
# Beginning of 2021-22 school year

## ArcGIS Web Map



1:200,095

End of 2020-21 school year

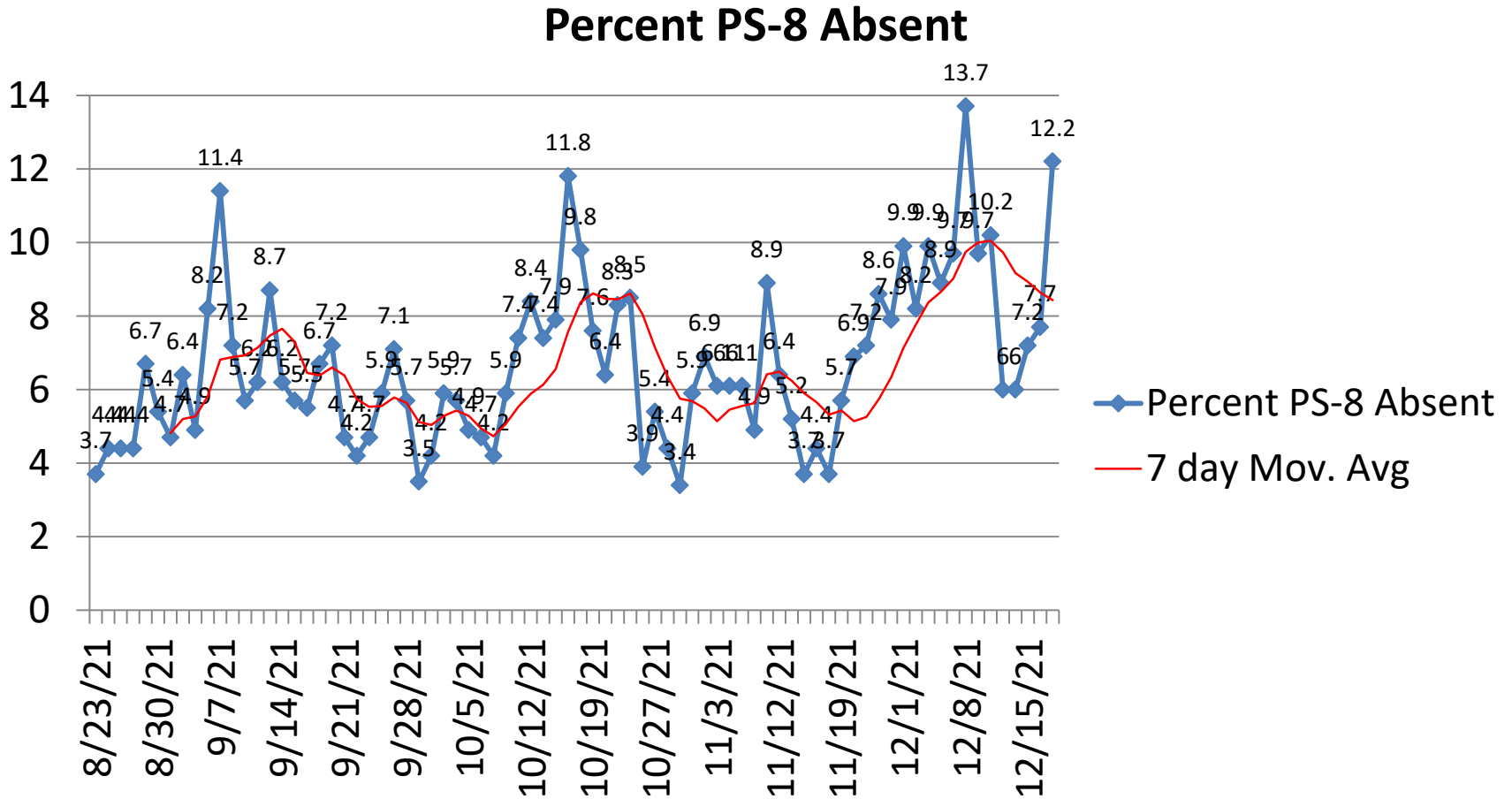


5/26/2021

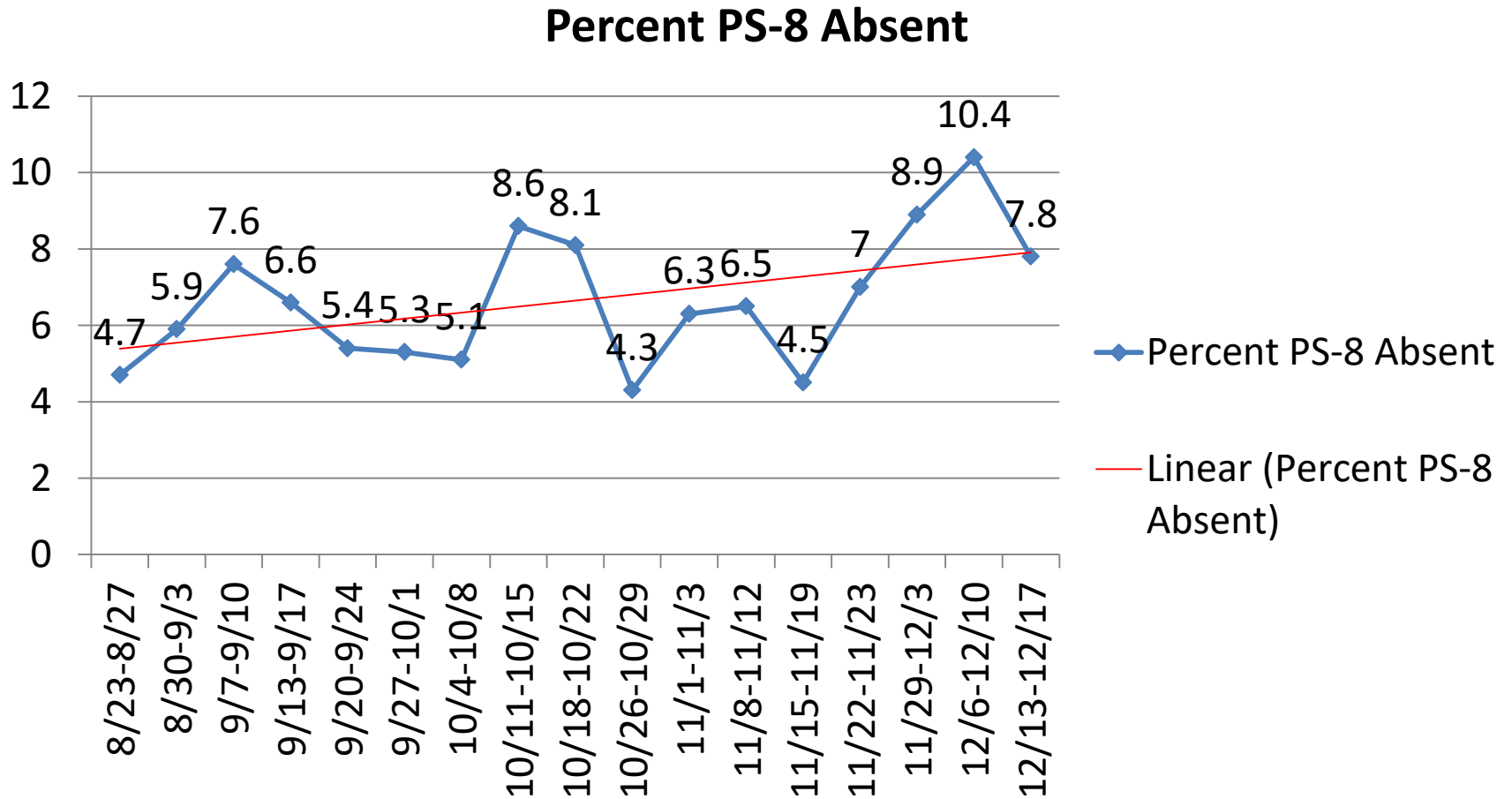
# JFK Data

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

# Percent of PS-8 Students Absent

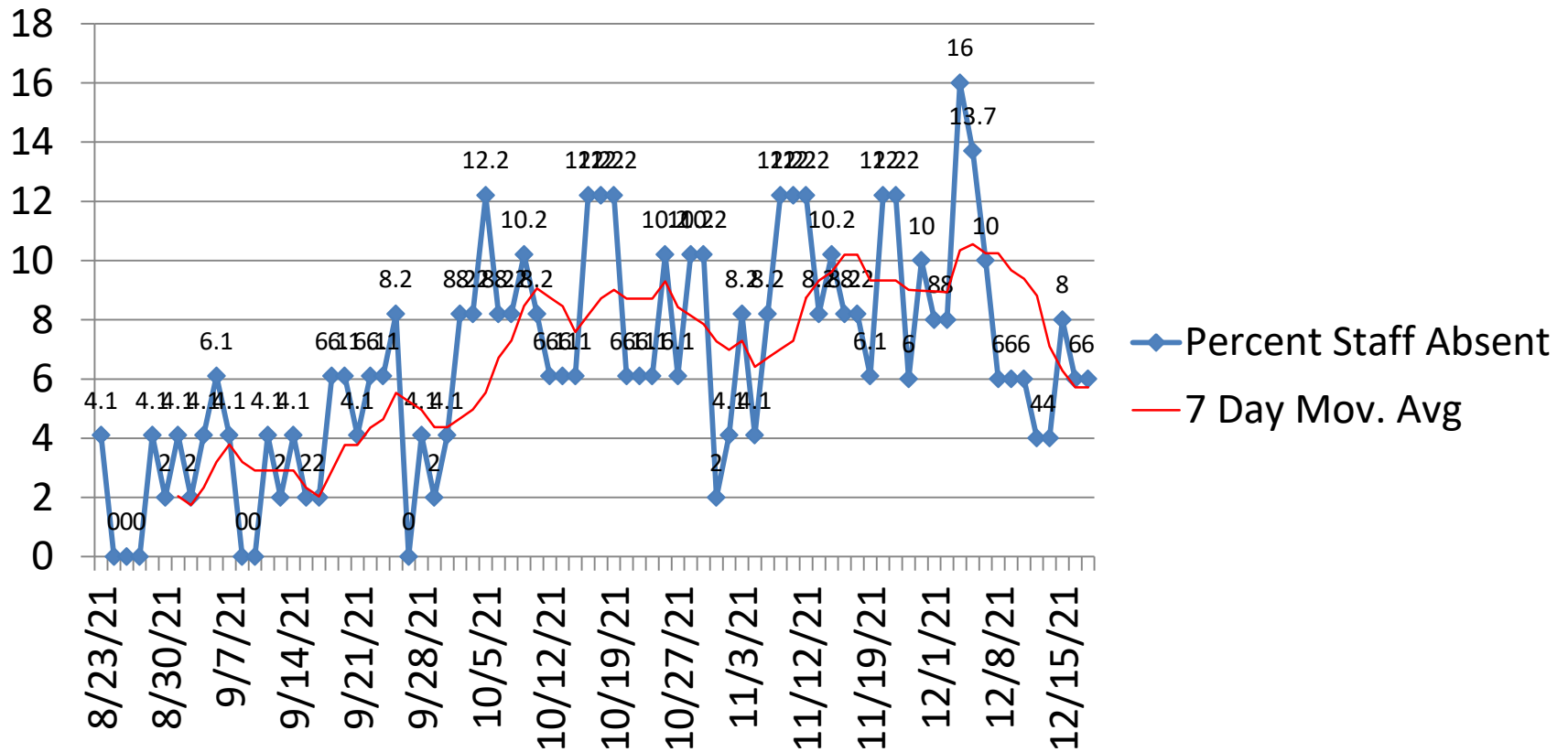


# Percent of PS-8 Students Absent by Week

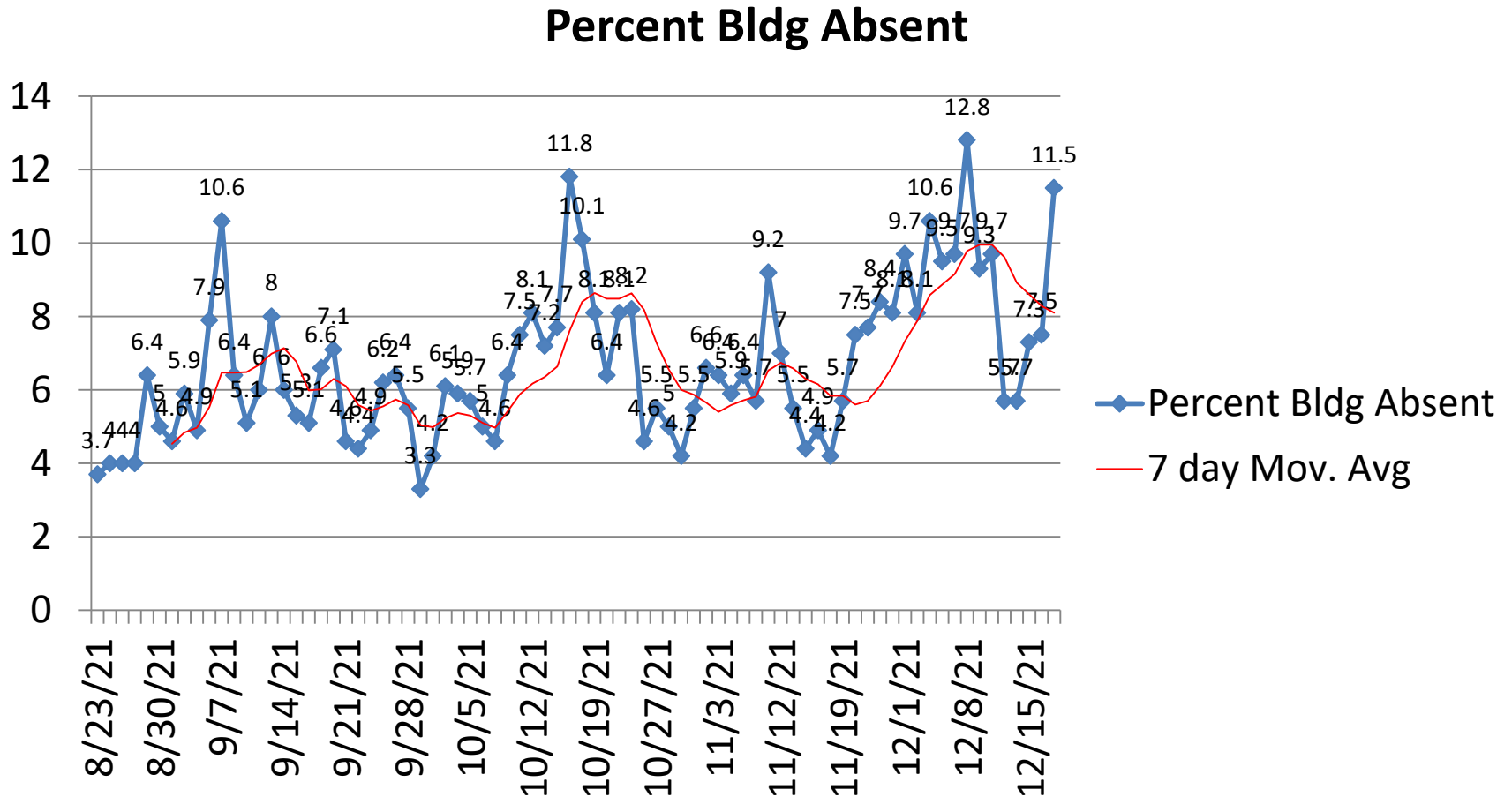


# Percent of Staff Absent

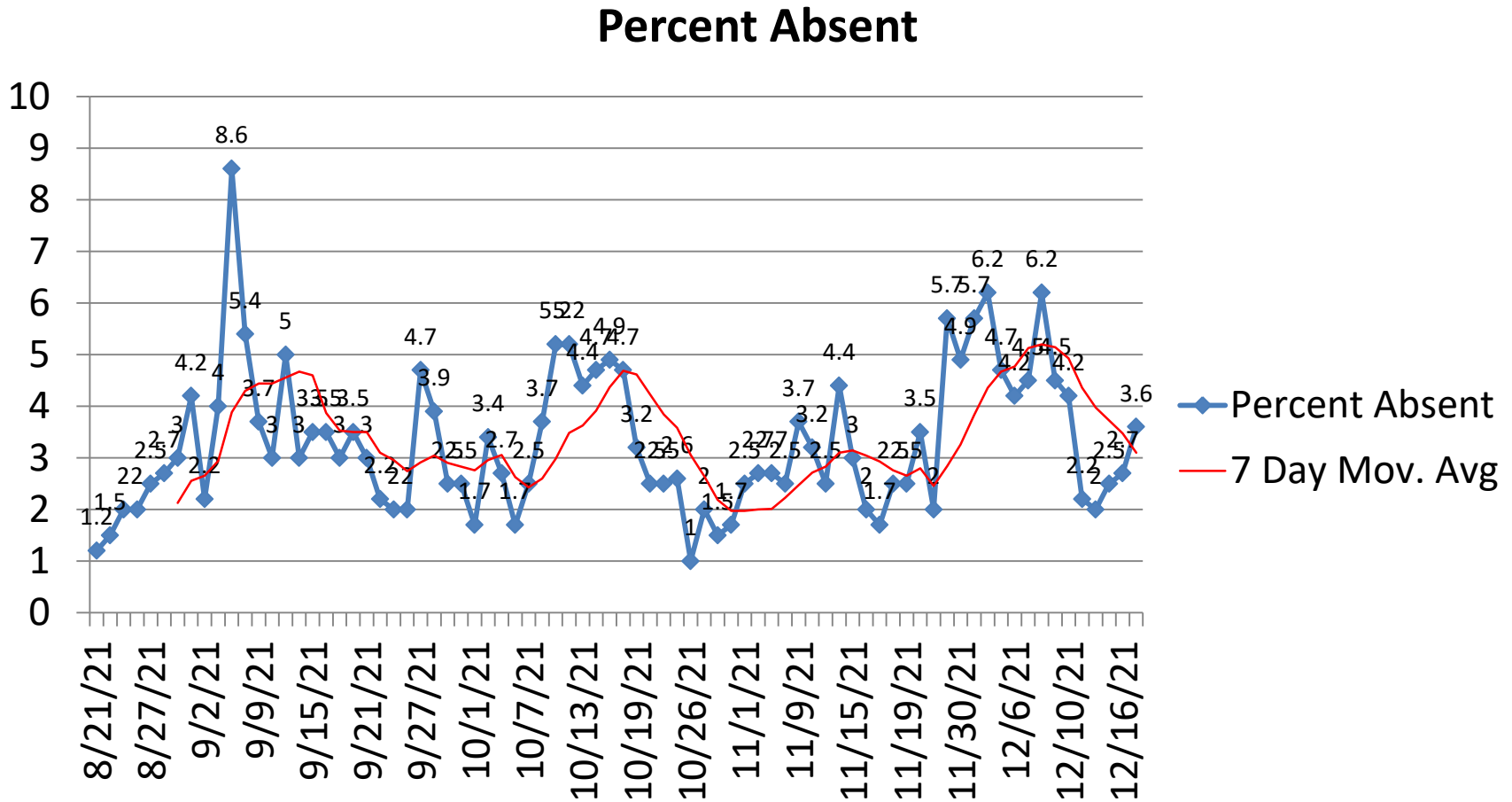
## Percent Staff Absent



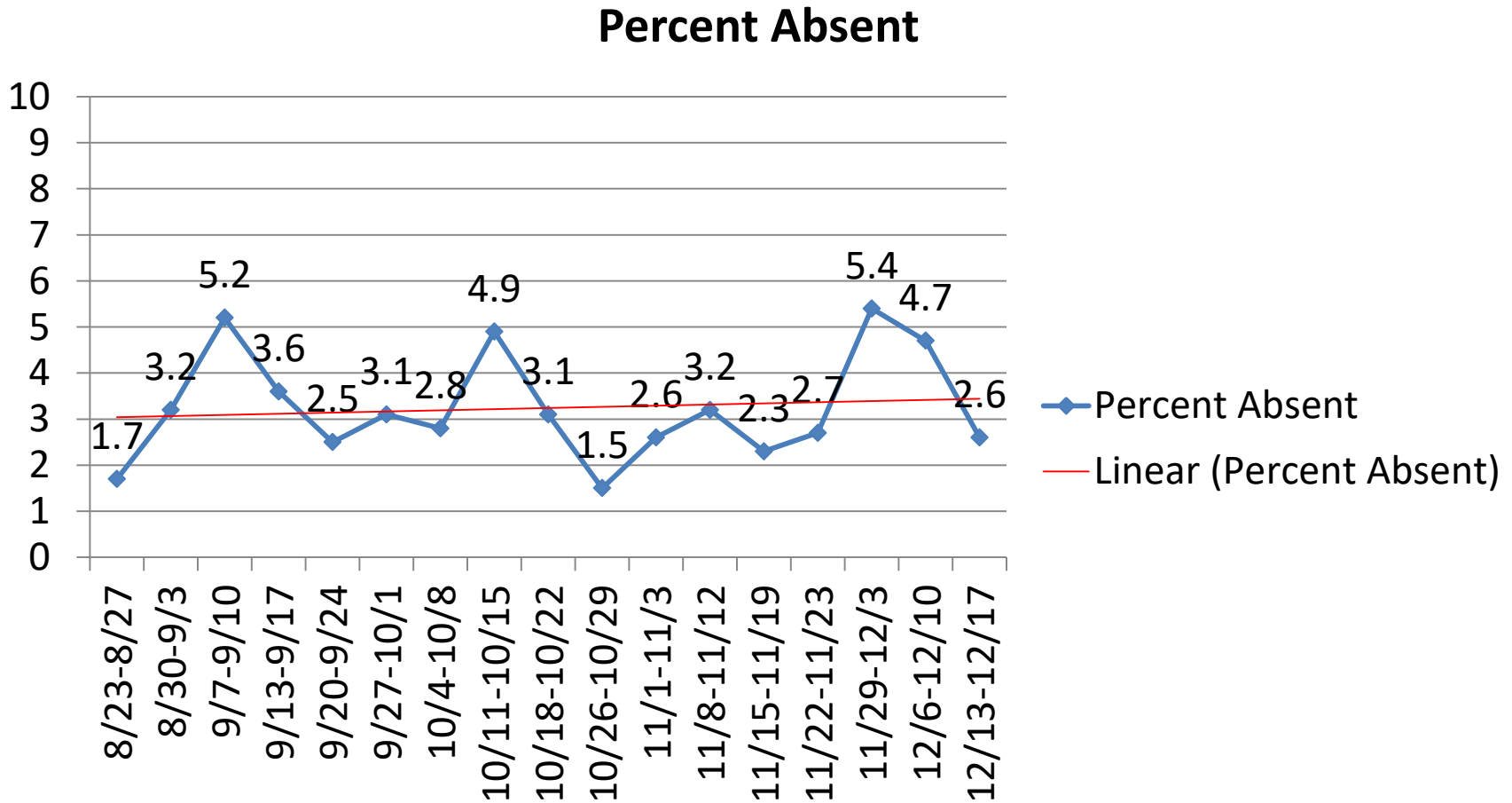
# Percent of PS-8 Students & Staff Absent



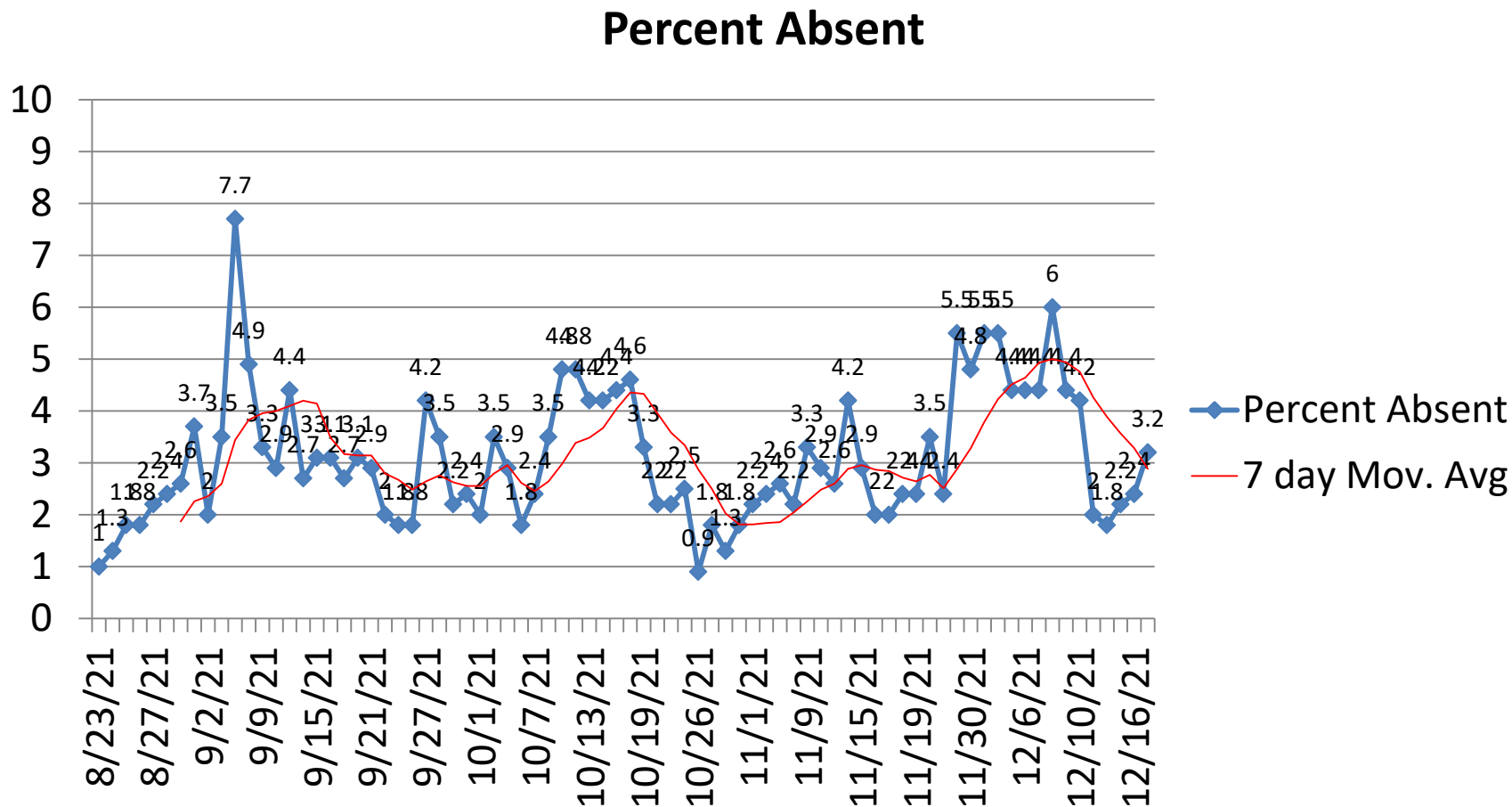
# Percent of PS-8 Students Absent due to Illness, including COVID



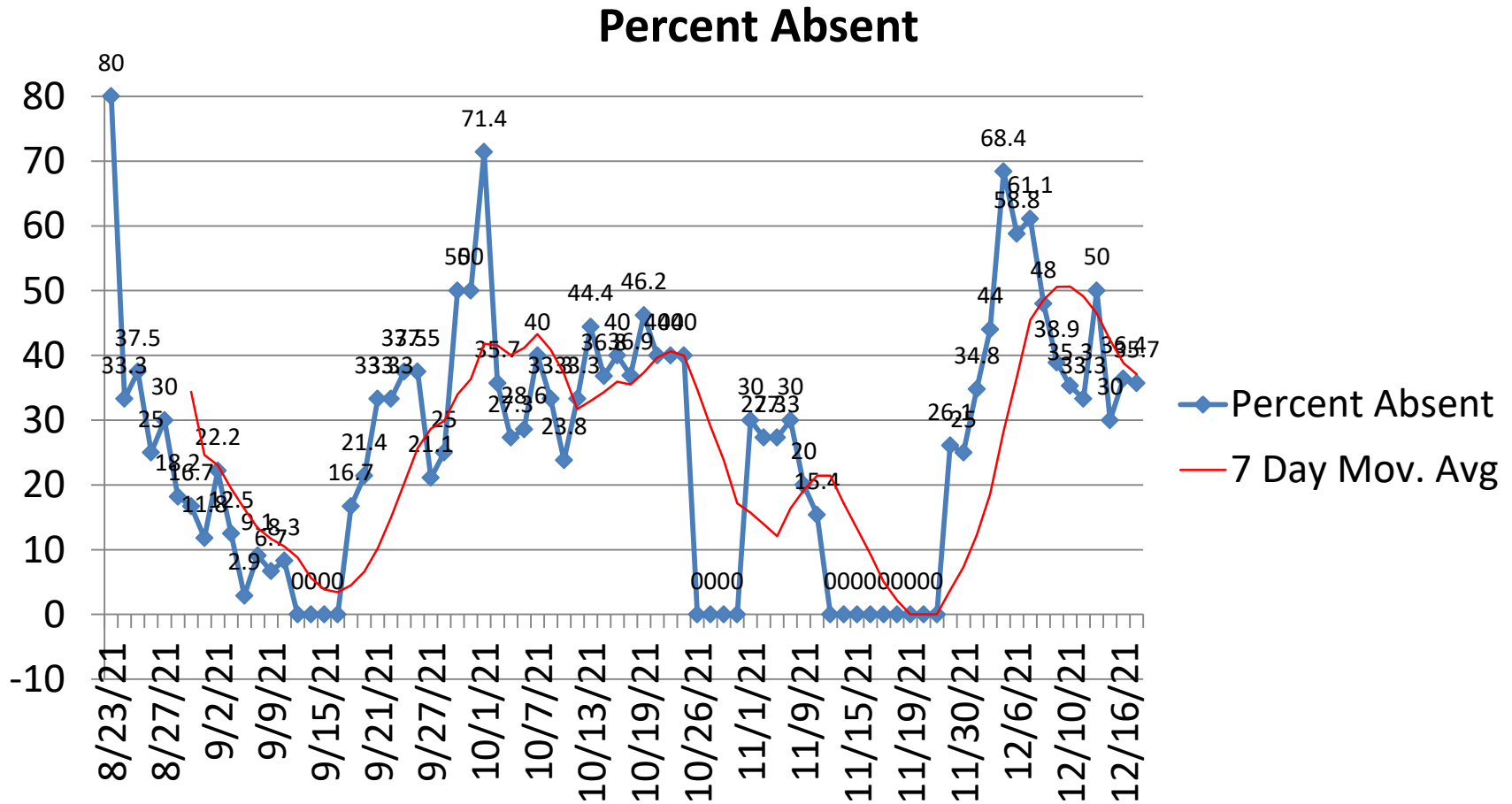
# Percent of PS-8 Students Absent due to Illness, including COVID by Week



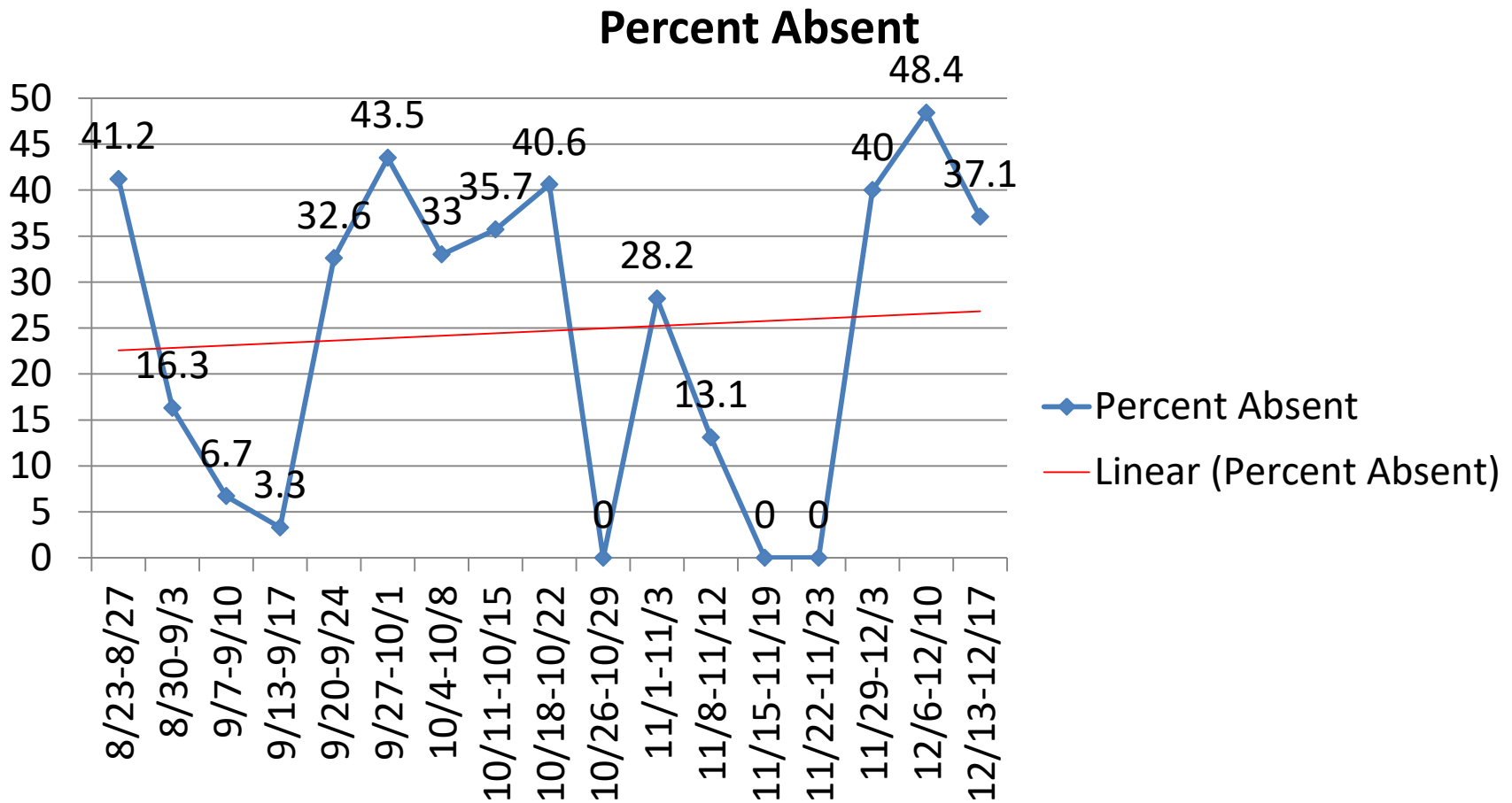
# Percent of PS-8 Students & Staff Absent due to Illness, including COVID



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

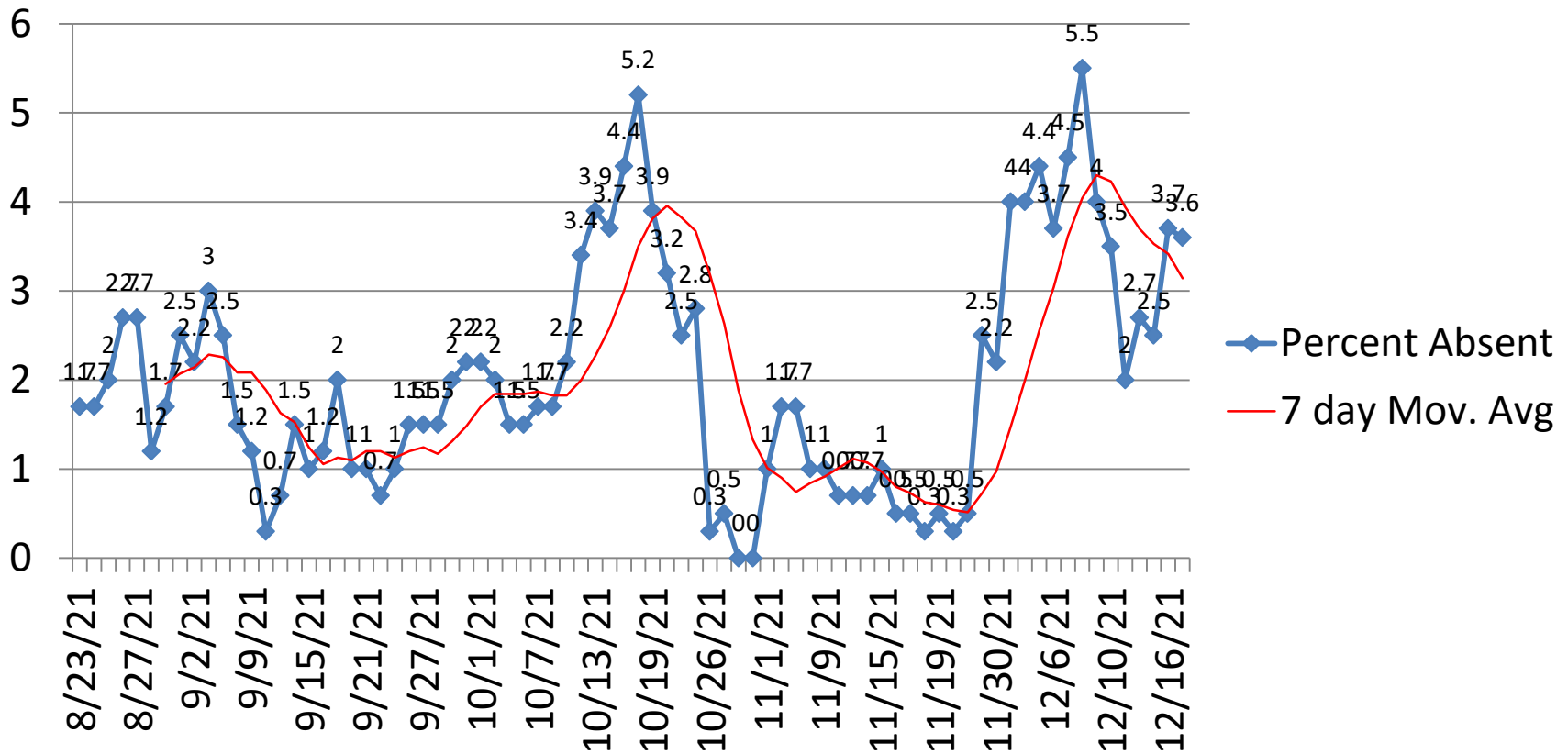


# Percent of PS-8 Student Absences Due to Illness that Are Positive COVID Cases by Week

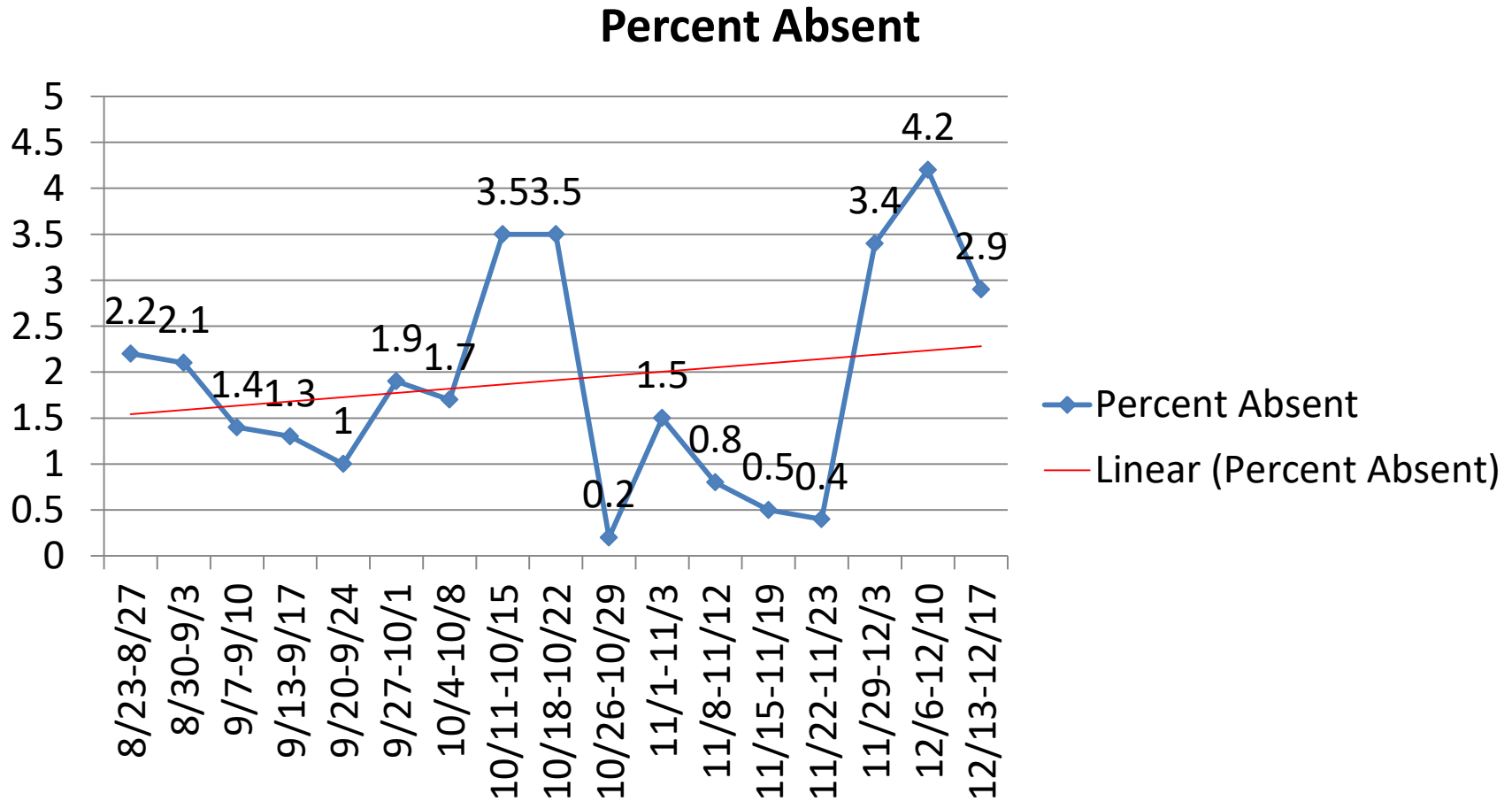


# Percent of PS-8 Students Absent due to Positive COVID Test, COVID Symptoms, or Quarantining as Close Contact

Percent Absent



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



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

Percent Absent

