

# Douglas County School District - Reopening Framework Data Component (Page 1/2)

TCHD Data Updated 11/4 (CDPHE Data as of 11/4)

	Green (2 points)	Yellow (1 point)	Red (0 points)	DCSD SCORE
A. <u>Case Rates: 14-day case number per 100,000 population</u> <i>*DCSD is utilizing more stringent target compared to CDPHE</i>	< 25	26 - 100	>100	0
B. <u>Trend in case numbers per 100,000 in the past two weeks</u>	< 25% increase	25 - 50% increase	>50% increase	0
C. <u>Percent positivity on polymerase chain reaction (PCR) testing in the past two weeks</u>	< 5%	5.1 - 7%	>7%	0
D. <u>Trend in number of hospitalizations of persons with COVID-19 in the past two weeks</u>	< 5% increase	5 - 25% increase	>25% increase	2
E. <u>Trend in case rates (number per 100,000) in the past two weeks for school-age children (5-18)</u>	< 25% increase	25 - 50% increase	>50% increase	0
<b>SUBSCORE</b>				<b>2</b>



# Douglas County School District - Reopening Framework Data Component (Page 2/2)

DCSD Data Updated 11/4

	Green (2 points)	Yellow (1 point)	Red (0 points)	SCORE
F. DCSD personal protective equipment (PPE) supply	>1 month supply	2 - 4 week supply	<2 week supply	<b>2</b>
G. DCSD STAFF - Weighted average score				<b>2</b>
Quarantined (7-day avg %)	< 15%	16 - 25%	>25%	
Isolated (7-day avg %)	< 5%	5 - 10%	>10%	
Positive Case (7-day avg %)	< 5%	5.1 - 7%	>7%	
H. DCSD STUDENTS - Weighted average score				<b>2</b>
Quarantined (7-day avg %)	< 15%	16 - 25%	>25%	
Isolated (7-day avg %)	< 5%	5 - 10%	>10%	
Positive Case (7-day avg %)	< 5%	5.1 - 7%	>7%	
<b>TOTAL SCORE</b>				<b>8</b>

## Caution Metrics for Schools & Dial Metrics

Caution metrics were developed by the Metro Denver Partnership for Health to guide schools and organizations in decision-making. These measures can be used alongside the Dial Metrics to help community members and organizations understand COVID-19's spread in our counties. **NOTE: We are experiencing some data irregularities due to delayed reporting from a large local health care provider. Two-week incidence and positivity rates from CDPHE include cases that may have occurred prior to the two-week period. We apologize for this inconvenience.**

Adams, Arapahoe, and Douglas Counties | Updated 11/4, 7pm | CDPHE Data as of 11/4, 4pm

### Dial Levels

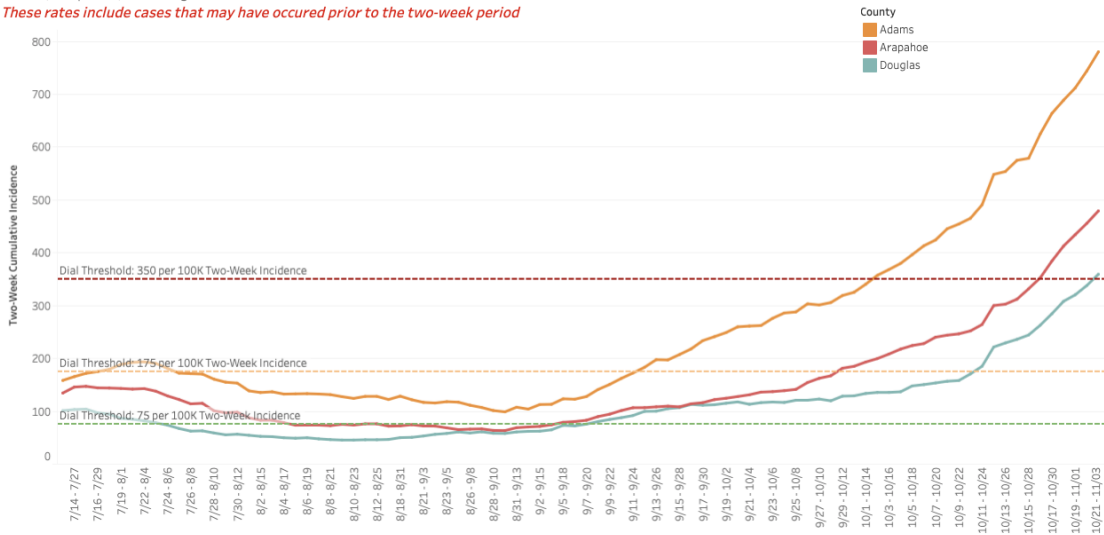
Adams: **L3: High Risk** | Arapahoe: **L2: Concern** | Douglas: **L2: Concern**

Indicator	Metric and Threshold	County Measure	Status of Indicator
<b>A</b> <b>Two-Week Cumulative Incidence Rates per 100,000 People (Dial Metric)</b> October 21 - November 3, 2020* <i>These rates include cases that may have occurred prior to the two-week period</i>	14-day Incidence Rate (IR) = (# cases in past two weeks) / (population) * 100,000	Adams: <b>779.71</b>	Stay at Home
	0-75: Safer Level 1: Cautious, >75-175: Safer Level 2: Concern, >175-350: Safer Level 3: High Risk, >350: Stay at Home: Severe These data are calculated by CDPHE.	Arapahoe: <b>478.5</b>	Stay at Home
		Douglas: <b>358.7</b>	Stay at Home
<b>B</b> <b>Percent Change in Two-Week Incidence Rates Over Time (Caution Metric)</b> Oct 18-Oct 31 compared to Oct 11 - Oct 24	Weekly % Change in 14-day IR = $\frac{((IR_{weekN}) / (IR_{weekN-1})) - 1}{}$	Adams: <b>40.4%</b>	Medium
	<25% increase: Good; 25-50% increase: Medium; >50% increase: High Calculations by TCHD using CDPHE data.	Arapahoe: <b>56.3%</b>	High
		Douglas: <b>66.6%</b>	High

### Two-Week Incidence Rate per 100,000, by county\*

Adams, Arapahoe, and Douglas Counties

*These rates include cases that may have occurred prior to the two-week period*



**C**

**Two-Week Average Test Positivity (%) (Dial Metric)**  
 October 21 - November 3, 2020  
 PCR Tests only *These rates include tests that may have occurred prior to the two-week period*

14-day average test positivity = Average of Daily % positivity for past 14 days. % Positivity = (# cases reported by report date) / (# tests completed on that day)  
 <5%: Good; >5-10%: Medium; 10-15%: High; >15%: Very High  
 These data are calculated by CDPHE.

Adams: **12.31%**  
 Arapahoe: **8.85%**  
 Douglas: **7.78%**

Safer L3: High Risk  
 Safer L2: Concern  
 Safer L2: Concern

**D**

**% Change in Hospitalizations of persons with COVID (Caution Metric)**  
 Most recent two week-period compared to previous two week-period. Updated every Sunday to reflect previous full week (Sun-Sat). First Admissions only.

Two-Week % Change in Hospitalizations = (SUM(Hospitalizations)periodN) / (SUM(Hospitalizations)periodN-1) - 1  
 where periods are two-week, adjacent, non-overlapping periods  
 <5% increase: Good; 5-25% increase: Medium; >25% increase: High

Adams: **-30.4%**  
 Arapahoe: **16.5%**  
 Douglas: **-9.1%**

Good  
 Good  
 Good

**E**

**Trend in 2-Week Incidence Rates, Youth Ages 5-18 (Caution)**  
 Most recent two week-period compared to previous two week-period. Updated every Sunday to reflect previous full week (Sun-Sat)

% Change in 14-Day Incidence Rate between past two weeks and two weeks prior. 14-day Incidence Rate (IR) = (# cases in past two weeks among people aged 5-18) / (population aged 5-18) \* 100,000  
 %25 or less: Good; 26 - 50% increase: Medium; 51-100% increase: High

Adams: **82.4%**  
 Arapahoe: **69.4%**  
 Douglas: **122.1%**

High  
 High  
 High

**Weekly Incidence Rates (IR) per 100,000, Youth Ages 5-18**  
 Adams, Arapahoe, and Douglas Counties

