Revised COVID-19 Community Health Metrics

Draft: September 3, 2020
KEY Components for health & safety

➔ Hand Hygiene: Wash hands or use hand sanitizer as appropriate
➔ Maintaining Physical Distance of 6’ or more.
➔ MASKS or other effective face covering
➔ Stay home if unwell unless to seek medical care.
Data sources

MDPH Weekly data: [COVID-19 Weekly Public Health Report](#)

MDPH Daily data: [COVID-19 Daily Dashboard](#)

Public Health Institute of Western Mass: [Franklin County COVID-19 Data](#)

New York Times: [Coronavirus in the U.S.: Latest Map and Case Count](#)

Harvard Global Health Institute: [Global Health Institute COVID interactive risk dashboard](#)
RED: Average daily cases* per 100,000 is greater than 8

YELLOW: Average daily cases per 100,000 is between 4 - 8

GREEN: Average daily cases per 100,000 is less than 4

GRAY: Fewer than 5 cases are not given a designation

* Measured as a 14 day rolling average (MDPH Weekly COVID-19 Report).
Suggested application for school learning models:

**RED**: > 8 / 100,000 = **REMOTE**

**YELLOW**: 4 - 8 = **HYBRID** or **REMOTE***

**GREEN**: < 4 / 100,000 = Full in person or **HYBRID***

(or **GRAY**: < 5 cases over 14 days = Full in person or **HYBRID***)

*If extenuating circumstances.
Deerfield has been identified by the state as the indicator town for FRSU38 school districts.
Data Indicators

➔ **Primary Indicators:** When indicators exceed the threshold levels a 14 day closure is triggered. Data are reported by MDPH using statewide or regional data and large N.

➔ **Secondary Indicators:** When met would trigger short term closure to allow for further assessment by Board of Health and district administrators. Data are based on local or regional indicators.

➔ **Tertiary Indicators:** When met would trigger a consult with LBOH (4 town or regional) to assess local, regional, and statewide status. Includes internal data.
FRSU38 metrics for monitoring: Primary Indicators

➔ MDPH Command Center / DESE metric *average daily cases / 100,000 < 8.*

MDPH has identified Deerfield as the *key municipality* for the Frontier Regional Union #38 School districts.

➔ MA statewide 7 day weighted average of positive tests is < 5%.

➔ County level data from the Public Health Institute of Western Mass percent positive tests < 3%.
FRSU38 metrics for monitoring: Secondary Indicators

→ Confirmed COVID cases in previous 14 days < 25 for Franklin County (excluding congregate settings).

→ Franklin / Hampshire Counties < 10 cases per day or 70 cases / week / 100,000 population (weighted estimate using NYT MA county specific case data).

*Excluding cases/clusters in congregate settings such as nursing home, correctional facility,
FRSU38 metrics for monitoring:
Tertiary Indicators

➔ Data trends: Increasing trends in primary or secondary indicator data.

➔ Internal monitoring data: Dismissals > 1.9% of building census OR absence reports > 10% of expected census.

➔ LBOH reports of increased positive test results in district.

➔ Testing: delayed turnaround time. Flag at > 48 hours. LBOH may act when > 72 hours. Monitor testing capacity as well per LBOH.
FRSU38 Closure scenarios: Decision made by the Local Board of Health (LBOH) in collaboration with District.

➔ Long term closure > 14 days: widespread transmission in the community. Primary indicators remain above threshold with no leveling or decrease in trend.

➔ 14 day district or building closure: indicators suggest community spread and the potential for in school transmission exists. School / District will only open after 14 days if primary indicators are below threshold.

➔ Short term: 1-3 or 3-5 days to allow for full assessment of data. Next step reopen or remain closed will be determined by LBOH. May be extended to a longer 14 day or long term closure.