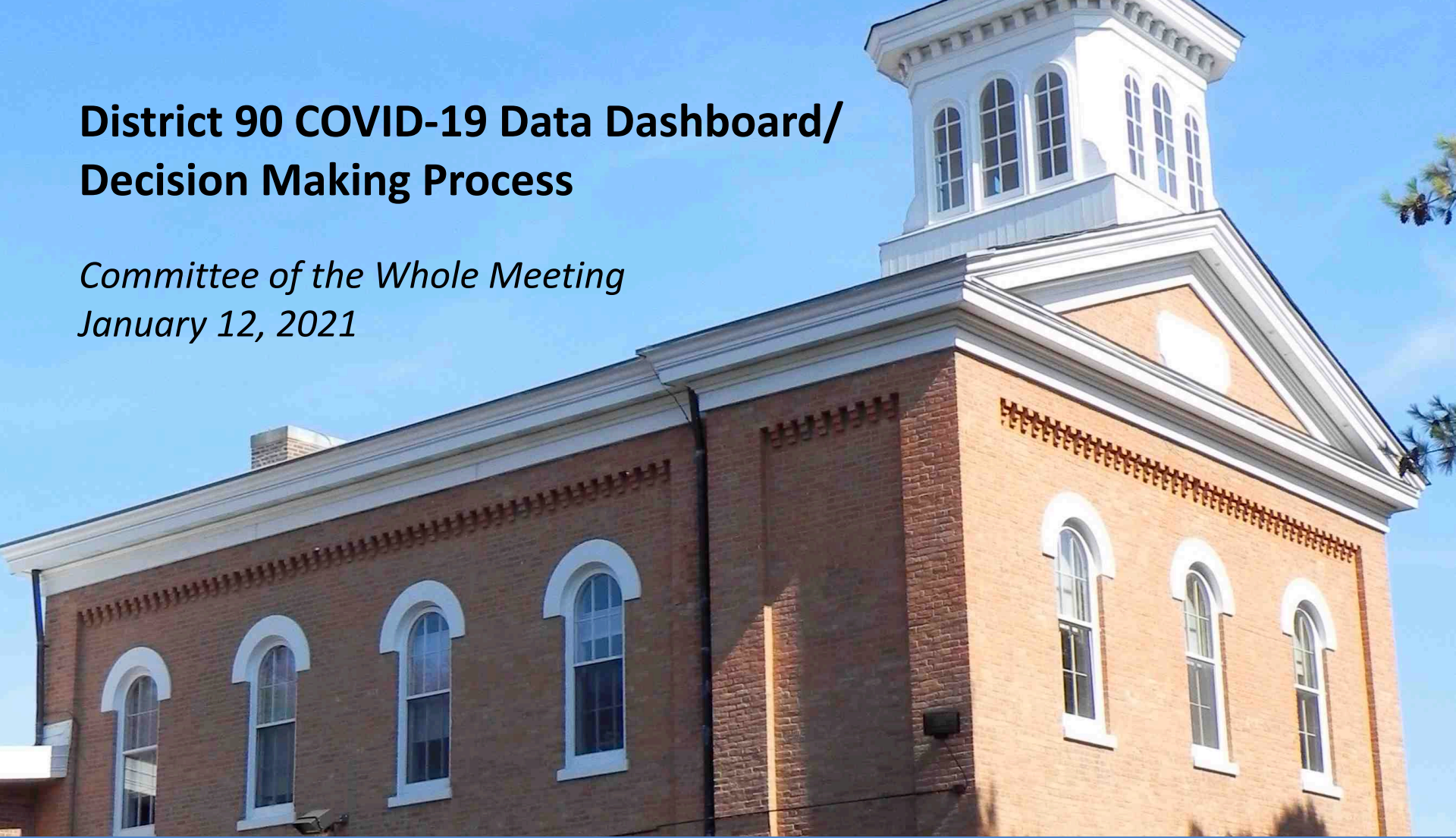


# District 90 COVID-19 Data Dashboard/ Decision Making Process

*Committee of the Whole Meeting  
January 12, 2021*



Administration Building  
7776 Lake Street  
River Forest, Illinois 60305



River Forest  
Public Schools

Tel: 708-771-8282  
Fax: 708-771-8291

# River Forest Public Schools

---

## ***Presentation Topics:***

- Overview of District 90 Response to COVID-19
- Explanation of D90 Data Dashboard
- Clarifying the Decision-Making Process
- Looking Back, Moving Forward

“ To inspire a love of learning and ensure educational excellence for every child ”



River Forest  
Public Schools



# OVERVIEW OF D90 COVID-19 RESPONSE

Section I

# Overview of D90 COVID-19 Response

## ***Summer 2020 - January 2021***

- Summer planning
- October blended learning/return to remote instruction
- December transition back to blended learning

# Overview of D90 COVID-19 Response



## ***Role/Contributions of Community Advisory Panel (CAP)***

- What is the Community Advisory Panel, and when was it formed?
- Description of CAP recommendations
- Specific recommendations from Medical Response/Tracing focus area
  1. Testing and contact tracing (Infection Control Officer, testing protocols)
  2. Development and use of data metrics



# Overview of D90 COVID-19 Response

## Rush University Medical Center Ongoing Consulting Partnership

*Formed in late October 2020*



Infection Prevention Team



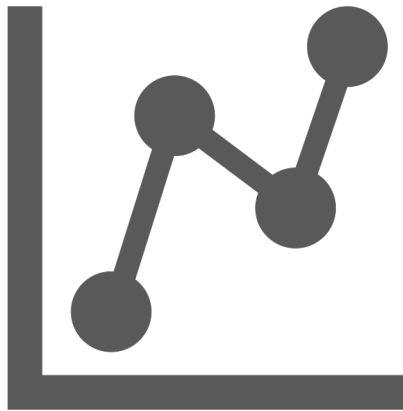
Comprised of Rush  
physicians/medical staff



Consulting meetings on "as  
needed" basis



Town hall meetings, procedure  
and protocol reviews, site  
visitations (scheduled for 1/19)



# EXPLANATION OF D90 DATA DASHBOARD

Section II



## Essential Information for D90 Data Dashboard

**DEVELOPMENT & USE** of Data Dashboard reflects both CAP recommendations and Illinois Department of Public Health (IDPH)

**COMPOSITION** of Data Dashboard based upon “adaptive pause” metrics at both regional (Cook County) and local (VoRF) levels

**POPULATED** with data from several sources, including Cook County Department of Public Health (CCDPH), IDPH, and Northwestern University

**ACKNOWLEDGES** differences in population scale (regional vs. local)



# Explanation of Data Dashboard



We have received questions about Data Dashboard, esp. about accessibility and use. It is based on the “adaptive pause” metrics suggested by the IDPH with modifications suggested by the CAP.



Data Dashboard is intended to be a snapshot in time that can be used over longer periods to identify trends



While each data point has value, we have learned that transmission metrics are particularly important for school health. The relative “weight” of the metrics are not fixed, due to emerging learning over time.

# Overview of Data Dashboard



## DASHBOARD METRICS “TOOL”

For School Decision Making

## INFORMING

River Forest District 90

## SCOPE OF DATA

Cook County & (Village of) River Forest

## FREQUENCY

Weekly

## DATA SOURCES

- IDPH COVID-19 County and School Metrics
- Cook County Department of Public Health COVID Surveillance Data
- Enigma Forensics Coronavirus Data Tracker
- Northwestern University Medical COVID-19 Dashboard

Week of January 6, 2021

Risk Metrics Criteria	Cook County	River Forest
<b>County Status</b> <i>Minimal: Alert for one metric but remained BLUE at any point in last four weeks</i> <i>Moderate: Transitioned to ORANGE once in last 4 weeks</i> <i>Substantial: Remained in ORANGE for &gt;2 consecutive weeks</i>	Date: 1/6 <b>Orange Substantial</b> Number of times IDPH Risk Level transitioned to Orange in last 4 weeks: 4 CCDPH Website – School Metrics	N/A
<b>Weekly County (Village) Case rates per 100K Residents</b> <i>Minimal: &lt;50</i> <i>Moderate: &gt;50 to &lt;= 100</i> <i>Substantial: &gt;100</i>	Date: 1/6 286 <b>Substantial</b> CCDPH Website – Case Data	Date: 1/6 251 <b>Substantial</b> CCDPH Website – Case Data by Town
<b>Weekly County Overall Case Numbers Increase for Two Consecutive Weeks (Cook)/ Average Increase per Week for Two Consecutive Weeks (River Forest)</b> <i>Minimal (each week): &gt;5% to &lt;=10%</i> <i>Moderate (each week): &gt;10 or &lt;= 20%</i> <i>Substantial (each week): &gt;20%</i>	Date: 1/6 Prior Week: 8113 Cases Week 1: 6088 Cases, -25% Week 2: 6510 Cases, 7% Average: -9% <b>Minimal</b> CCDPH Website – School Metrics	Date: 1/6 Baseline: 487 Cases Week 1: 512 Cases, 5% Week 2: 539 Cases, 5% Average: 5% <b>Minimal</b> CCDPH Website – Case Data by Town
<b>Weekly County Youth Case Numbers Increase for Two Consecutive Weeks (Cook)/ Average Increase per Week for Two Consecutive Weeks (River Forest)</b> <i>Minimal (each week): &gt;5% to &lt;=10%</i> <i>Moderate (each week): &gt;10 or &lt;= 20%</i> <i>Substantial (each week): &gt;20%</i>	Date: 1/6 Prior Week: 1296 Cases Week 1: 933 Cases, -28% Week 2: 1009 Cases, 8% Average: -10% <b>Minimal</b> CCDPH Website – School Metrics	Date: 1/6 Baseline: 113 Cases Week 1: 120 Cases, 6% Week 2: 129 Cases, 8% Average: 7% <b>Minimal</b> IDPH Website – Illinois Data by Zip Code
<b>Weekly Test Positivity</b> <i>Minimal: &lt;=5%</i> <i>Moderate: &gt;5% but &lt;=8%</i> <i>Substantial: &gt;8%</i>	Date: 1/6 10.9% <b>Substantial</b> CCDPH Website – Case Data	Date: 1/5 11.3% <b>Substantial</b> Northwestern Website – COVID Dashboard
<b>Number of Metrics in Substantial Transmission</b>	3/5	2/4
<b>Number of Metrics in Moderate/Substantial Transmission</b>	3/5	2/4

Confirmed Case  
Diagnosis by  
School

Most Recent Case:  
12/30/20

WILLARD

3

LINCOLN

2

ROOSEVELT

3

ONSITE  
COMMUNITY  
PROGRAMS

4

Diagnosed Cases  
Confirmed  
Occurring  
Through School  
Transmission

Most Recent Case:  
12/30/20

0

# Key Features of Data Dashboard



## DISPLAYS

### Risk Metrics Criteria for Cook County & Village of River Forest

Week of January 6, 2021

Risk Metrics Criteria	Cook County	River Forest
<b>County Status</b> Minimal: 0-100 cases per 100K residents Moderate: 101-200 cases per 100K residents Substantial: 201+ cases per 100K residents	286 Substantial	251 Substantial
<b>Weekly County (Village) Case Rates per 100K Residents</b> Minimal: 0-50 Moderate: 51-100 Substantial: 101+ CCDPH Website – Case Data	286 Substantial	251 Substantial
<b>Weekly County Overall Case Numbers Increase for Two Consecutive Weeks (Cook)/ Average Increase per Week for Two Consecutive Weeks (River Forest)</b> Minimal (each week): >5% to <=10% Moderate (each week): >10 or <= 20% Substantial (each week): >20% CCDPH Website – School Metrics	286 Substantial	251 Substantial
<b>Weekly County Youth Case Numbers Increase for Two Consecutive Weeks (Cook)/ Average Increase per Week for Two Consecutive Weeks (River Forest)</b> Minimal (each week): >5% to <=10% Moderate (each week): >10 or <= 20% Substantial (each week): >20% CCDPH Website – School Metrics	286 Substantial	251 Substantial
<b>Weekly Test Positivity</b> Minimal: <=5% Moderate: >5% but <=8% Substantial: >8% CCDPH Website – Case Data	10.9% Substantial	11.3% Substantial

Risk Metrics Criteria	Cook County	River Forest
<b>Weekly County (Village) Case rates per 100K Residents</b>  <i>Minimal: &lt;50</i> <i>Moderate: &gt;50 to &lt;= 100</i> <i>Substantial: &gt;100</i>	Date: 1/6  286 <b>Substantial</b>  CCDPH Website – Case Data	Date: 1/6  251 <b>Substantial</b>  CCDPH Website – Case Data by Town
<b>Weekly County Overall Case Numbers Increase for Two Consecutive Weeks (Cook)/ Average Increase per Week for Two Consecutive Weeks (River Forest)</b>  <i>Minimal (each week): &gt;5% to &lt;=10%</i> <i>Moderate (each week): &gt;10 or &lt;= 20%</i> <i>Substantial (each week): &gt;20%</i>	Date: 1/6  <i>Prior Week: 8113 Cases</i> Week 1: 6088 Cases, -25% Week 2: 6510 Cases, 7% Average: -9%  <b>Minimal</b>  CCDPH Website – School Metrics	Date: 1/6  <i>Baseline: 487 Cases</i> Week 1: 512 Cases, 5% Week 2: 539 Cases, 5% Average: 5%  <b>Minimal</b>  CCDPH Website – Case Data by Town
<b>Weekly County Youth Case Numbers Increase for Two Consecutive Weeks (Cook)/ Average Increase per Week for Two Consecutive Weeks (River Forest)</b>  <i>Minimal (each week): &gt;5% to &lt;=10%</i> <i>Moderate (each week): &gt;10 or &lt;= 20%</i> <i>Substantial (each week): &gt;20%</i>	Date: 1/6  <i>Prior Week: 1296 Cases</i> Week 1: 933 Cases, -28% Week 2: 1009 Cases, 8% Average: -10%  <b>Minimal</b>  CCDPH Website – School Metrics	Date: 1/6  <i>Baseline: 113 Cases</i> Week 1: 120 Cases, 6% Week 2: 129 Cases, 8% Average: 7%  <b>Minimal</b>  IDPH Website – Illinois Data by Zip Code
<b>Weekly Test Positivity</b>  <i>Minimal: &lt;=5%</i> <i>Moderate: &gt;5% but &lt;=8%</i> <i>Substantial: &gt;8%</i>	Date: 1/6  10.9% <b>Substantial</b>  CCDPH Website – Case Data	Date: 1/5  11.3% <b>Substantial</b>  Northwestern Website – COVID Dashboard

# Key Features of Data Dashboard



## RECORDS

total number of metrics currently deemed “in” Transmission Mode(s)

Week of January 6, 2021

Risk Metrics Criteria	Cook County	River Forest	Unlabeled Case Assigned by Email
<b>County Status</b> All metrics are for one week but represent 80% of the population for the last week. Moderate: Transmission Mode(s) in Moderate Substantial: Transmission Mode(s) in Substantial	COOK CO Substantial Number of metrics in Substantial Transmission Mode(s) in Substantial	RIVER FOREST Substantial Number of metrics in Substantial Transmission Mode(s) in Substantial	1/1/2020 1/1/2020
<b>Weekly County Outbreak Cases per 1000 Residents</b> Average: 100 Median: 100 Maximum: 100	COOK CO Substantial Average: 100 Median: 100 Maximum: 100	RIVER FOREST Substantial Average: 100 Median: 100 Maximum: 100	1/1/2020 1/1/2020
<b>Weekly County Health Care Numbers</b> Average for Ten Consecutive Weeks: Average: 100 Median: 100 Maximum: 100	COOK CO Substantial Average: 100 Median: 100 Maximum: 100	RIVER FOREST Substantial Average: 100 Median: 100 Maximum: 100	1/1/2020 1/1/2020
<b>Weekly County Health Care Numbers</b> Average for Ten Consecutive Weeks: Average: 100 Median: 100 Maximum: 100	COOK CO Substantial Average: 100 Median: 100 Maximum: 100	RIVER FOREST Substantial Average: 100 Median: 100 Maximum: 100	1/1/2020 1/1/2020
<b>Weekly Test Positivity</b> Average: 100 Median: 100 Maximum: 100	COOK CO Substantial Average: 100 Median: 100 Maximum: 100	RIVER FOREST Substantial Average: 100 Median: 100 Maximum: 100	1/1/2020 1/1/2020
<b>Number of Metrics in Substantial Transmission</b>	3/5	2/4	1/1/2020
<b>Number of Metrics in Moderate/Substantial Transmission</b>	3/5	2/4	1/1/2020

Risk Metrics Criteria	Cook County	River Forest
Number of Metrics in Substantial Transmission	3/5	2/4
Number of Metrics in Moderate/Substantial Transmission	3/5	2/4

[illegible]

4

[illegible]



# Interpreting the D90 Data Dashboard

## **DATA INTERPRETATION**

Interpreting the data with a  
“constellation of metrics” approach

## **(NO FIXED) TRIGGER THRESHOLDS**

Fixed thresholds appeal as common  
“goalposts” for key stake-holders, but are  
not accurate over time as they do not  
account for emerging trends /  
information / best practices / regulations  
/ etc

## **LONGITUDINAL DATA**

As Dashboard has been refined over  
time, maintaining longitudinal data is  
important

**While an “imperfect tool”, D90 Data Dashboard contemplates the recommended metrics reflecting local and regional circumstances**

Ongoing  
refinement  
reflects our  
collective  
efforts to  
increase D90  
Data  
Dashboard  
accessibility  
and ease of use



# CLARIFYING THE DECISION- MAKING PROCESS

Section III





# Informing Decision- Making

## How is the D90 Data Dashboard used to inform decisions?

- Use of *contextual* decision making
- *Advantages* (e.g. reflects emerging best practices or new data points) and *Drawbacks* (e.g. independent interpretations of conditions, competing needs & priorities, etc.) of contextually-based decisions

## What “other” considerations are contemplated in decision-making?

- “Non-Metric” considerations (see following slide)

## What guides the scope of decision-making and the role of decision-makers?

- Board of Education Resolution
- Superintendent
- Board of Education President
- Entire Board of Education



# Essential “Non-Metric” Decision-Making Considerations

## **FACULTY / STAFF / ADMINISTRATION**

- Faculty, staff and administrative health/school exclusion status
- Collective bargaining association contract terms
- Substitute teacher availability/level of training

## **LOGISTICS / D90-SPECIFIC CONSIDERATIONS**

- Presence of school case transmissions
- Accessibility for students, staff and families to COVID-19 testing
- Resources/collaboration available from community partners to support complementary programming
- PPE availability and facility-related issues

## **DIRECTIVES / GUIDANCE**

- Directives and guidance from public health agencies (IDPH, CCDPH, CDC)
- Feedback and assessment from Rush University Medical Center Infection Prevention Team
- Recommendations from D90 legal counsel
- Experiences from other West 40 (regional) school districts
- Input from OPRFHS District 200 and OP District 97



# LOOKING BACK, MOVING FORWARD

Section IV

# Looking Back, Moving Forward

*Organizational Growth and  
Development Since August*

What have we learned?

- Positive Lessons
- Opportunities for Growth

What would we do differently?



# Looking Back, Moving Forward

## ***Improved Communications***

- Further alignment of communications between schools and District
- More information about decision making rationale
- Improved balance between “enough” and “too much” information
- More emphasis on our primary communications aspirations: empathy for stakeholders, shared objectives, and underlying themes of hope

# River Forest Public Schools

---

## *Conclusion*

“ To inspire a love of learning and ensure educational excellence for every child ”



River Forest  
Public Schools

# River Forest Public Schools

---

**Thank You!**

*Questions?*

