



DRAFT

Health and Safety
Reopening of Schools for All Students
Metrics Discussion

Board Meeting
November 5, 2020

Agenda Item No. 7.2

Presented by:

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Return Together Vision Statement

Sac City Unified will disrupt the current status quo of systemic inequity to meet the academic, social and emotional needs of all our students, especially our most vulnerable students. Such disruption must result in higher learning standards and accountability. **Our Return Together Plan will abide by all county public health orders to safely serve as many students as possible through in-person instruction.** Because we recognize the evolving nature of this pandemic, all of our learning models will meet the needs of all students and mitigate learning loss, assuring that all students are given an equal opportunity to graduate with the greatest number of postsecondary choices from the widest array of options.



Public Health Order

“Under the operative executive orders (PDF) and 2020-21 Budget Act, schools must comply with orders and guidance issued by the California Department of Public Health (CDPH) and relevant local public health departments. Schools may comply with guidance from other federal, state, local, and non-governmental sources, to the extent those guidelines are consistent with state and local public health directives.”



Presentation Themes

- Health and Safety considerations are foundational to the reopening of all schools
- Reopening will require ongoing re-evaluation and consultation with partners on the changing conditions of the COVID pandemic
- Staff has focused on the metrics that we are able to impact based on such ongoing re-evaluation and consultations above those required by public health orders
- As expected with an unprecedented pandemic, there is a trade-off between breadth versus depth with proposed metrics



Key Considerations for the Development of Proposed Metrics

- California Department of Public Health requirements
- Sacramento County Department of Public Health requirements
- Scientific expert guidance
- Lessons learned from previous pandemics
- Return to Health Plan connections
- Benchmark to other school districts across the country
- Ability to access data to populate proposed metrics
- Degree of impact by district staff to “impact” proposed metric
- **Safety does not mean no risk but “low risk”**

Sacramento County Public Health - COVID-19 Levels

County risk level	Adjusted case rate* 7-day average of daily COVID-19 cases per 100K with 7-day lag, adjusted for number of tests performed	Positivity rate** 7-day average of all COVID-19 tests performed that are positive	
		Entire county	Healthy equity quartile
<p>WIDESPREAD</p> <p>Many non-essential indoor business operations are closed</p>	<p>More than 7.0</p> <p>Daily new cases (per 100k)</p>	<p>More than 8.0%</p> <p>Positive tests</p>	
<p>SUBSTANTIAL</p> <p>Some non-essential indoor business operations are closed</p>	<p>4.0 – 7.0</p> <p>Daily new cases (per 100k)</p>	<p>5.0 – 8.0%</p> <p>Positive tests</p>	<p>5.3 – 8.0%</p> <p>Positive tests</p>
<p>MODERATE</p> <p>Some indoor business operations are open with modifications</p>	<p>1.0 – 3.9</p> <p>Daily new cases (per 100k)</p>	<p>2.0 – 4.9%</p> <p>Positive tests</p>	<p>2.2 – 5.2%</p> <p>Positive tests</p>
<p>MINIMAL</p> <p>Most indoor business operations are open with modifications</p>	<p>Less than 1.0</p> <p>Daily new cases (per 100k)</p>	<p>Less than 2.0%</p> <p>Positive tests</p>	<p>Less than 2.2%</p> <p>Positive tests</p>



CDPH/SCPH Reopening of Schools Criteria

County Risk Level	Adjusted Case Rate	Positivity Rate	Health Equity
<p>SUBSTANTIAL</p> <p>Some non-essential indoor business operations are closed</p>	<p>4.0 – 7.0</p> <p>Daily new cases (per 100k)</p>	<p>5.0 – 8.0%</p> <p>Positive tests</p>	<p>5.3 – 8.0%</p> <p>Positive tests</p>
<p>MODERATE</p> <p>Some indoor business operations are open with modifications</p>	<p>1.0 – 3.9</p> <p>Daily new cases (per 100k)</p>	<p>2.0 – 4.9%</p> <p>Positive tests</p>	<p>2.2 – 5.2%</p> <p>Positive tests</p>
October 13th	5.1	2.8%	4%
October 21st	4.4	2.5%	3.5%
October 27th	5.9	2.8%	5%
November 2nd	7.8	3.4%	5.1%



Benchmarking with other School District

- Tustin Schools
- Laguna Beach Schools
- Buena Park Schools
- Jefferson County Schools
- Hillsborough Schools
- Irvine Schools
- Marin County Schools
- San Francisco Unified School District
- Charlotte Mecklenburg
- School District of Philadelphia
- La Habra City Schools
- Del Mar Schools
- Poway Schools
- Long Beach Unified School District
- Maricopa Schools



Metrics Components




Metric categories:

- “Required Measures” per CDPH
- “Above and Beyond Measures”

Strategic Frame:

- Minimizing Exposure
- Mitigating Exposure

Evaluative Frame

- Not Started 
- In Process 
- Completed 



Measures

Minimizing Exposure

- Reducing or eliminating risk to the lowest possible level
 - Keeping COVID away

Mitigating Exposure

- Reducing the probability or severity of transmission
 - When COVID is present - stopping the spread to others through physical barriers/blockages, etc.



Key Public Health Strategies Embedded in Metrics

Minimizing the 3 C's:

- Closed Spaces
- Crowds
- Close Contact



Physical Distancing



Hand Hygiene



Face Coverings



Cough Etiquette



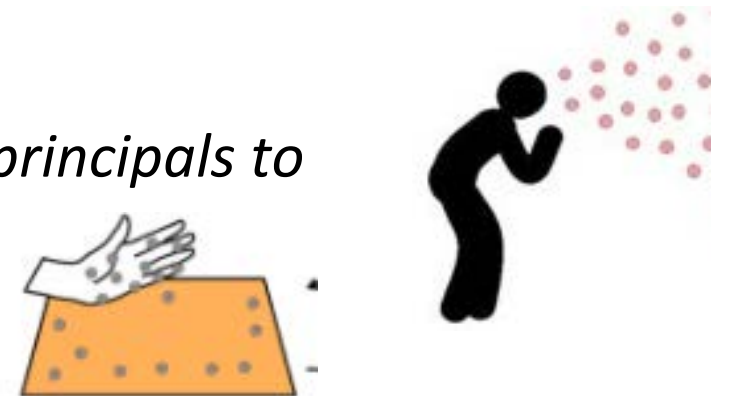
Screening



Public Health Order Required Measures for Minimizing Exposure

Proposed “Required” Metrics for Minimizing Contact & Respiratory Transmission

- *Return to Health Plan completed and videos and website for required public health measures posted on the Return Together website (revised 8/24/2020)*
- *All employees/substitutes reporting to work will be provided access to the Hour Zero COVID training*
- *Distribute daily site inspection checklist distributed to all site principals to ensure key public health measures are in place*
- *Health Screening procedures provided to every site*





Health Screenings



Public Health Videos



return to HEALTH

DRAFT 8.24.2020
HEALTH & SAFETY PLAN DURING COVID-19

APPENDIX B - STAY AT HOME AND RETURN TO SCHOOL REQUIREMENTS

STAY AT HOME AND RETURN TO SCHOOL REQUIREMENTS
For Students and Staff During COVID-19

These policies are based on public health guidance from the CDC. For any return to school outside of these guidelines students must bring a doctor's note. Contact your school nurse if you have questions about returning to school after illness.

STOP These policies are based on public health guidance from the CDC. For any return to school outside of these guidelines students must bring a doctor's note. Contact your school nurse if you have questions about returning to school after illness.

- 1 STAY HOME IF YOU HAVE ANY OF THE FOLLOWING SYMPTOMS:**
 - Fever or chills
 - New loss of taste or smell
 - Cough
 - Sore throat
 - Shortness of breath or difficulty breathing
 - Congestion or runny nose
 - Fatigue
 - Nausea or vomiting
 - Muscle or body aches
 - Diarrhea
 - Headache
- 2 STAY HOME IF YOU HAVE BEEN EXPOSED TO COVID-19 WITHIN THE LAST 14 DAYS OR:**
 - Advised to isolate or quarantine by your doctor or the health department
 - Recently had close contact with a person with COVID-19 - within 6 feet of an infected person for at least 15 minutes
 - Have been diagnosed with COVID-19
- 3 STAY HOME IF YOU HAVE RETURNED FROM TRAVEL OUTSIDE THE U.S. WITHIN THE LAST 14 DAYS**

60 RETURN TO SCHOOL

<p><i>If you have any symptoms</i> you may return when:</p> <ul style="list-style-type: none"> • You have had at least 24 hours with no fever (without taking medicine) AND • Your symptoms have improved AND • At least 10 days have passed since the day the symptoms first appeared 	<p><i>If you have been exposed to COVID-19</i> you may return 14 days after the last date of close contact with the infected person</p>	<p><i>If you have traveled within the last 14 days</i> you may return 14 days after you arrived back in California</p>
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Children with non-infectious chronic conditions should not be excluded from attending school. For instance, a child with allergy symptoms may have congestion, but is not a reason to exclude that child from school. Please notify the school if your child has a chronic condition such as allergies, asthma, or migraines to prevent unnecessary exclusion. A doctor may diagnose an illness other than COVID-19 and provide a note for return to school earlier than 10 days. If there are questions about individual cases, contact your school nurse or health services

Sources:
[Considerations for Schools, Updated May 19, 2020, CDC](#)
[Steps to prevent the spread of COVID-19 if you are sick, CDC](#)
[Quarantine and Isolation, CDC](#)



Public Health Order Required Measures for Minimizing Exposure

Proposed “Required” Metrics for Minimizing Contact & Respiratory Transmission

- *All school sites/departments provided with procedures for symptomatic, exposed or positive individuals*
- *Establish protocols for visitors or non-essential people on campus/work sites by appointment only*
- *Health Promotion Practices:*
 - *Immunization Clinic Open year-round*
 - *Free Flu Clinics available throughout the Fall*
 - *Employee TB Clinic Open year-round*



Free Flu Clinic



Health Promotion Practices

SCUSD Immunization Clinic





Public Health Order Required Measures for Mitigating Exposure

Proposed “Required” Metrics for Mitigating Contact Transmission

- *Provide PPE in all classrooms and common spaces (face coverings, hand sanitizer/hand soap, facial tissue)*

Classroom Supplies



Sanitizing Units

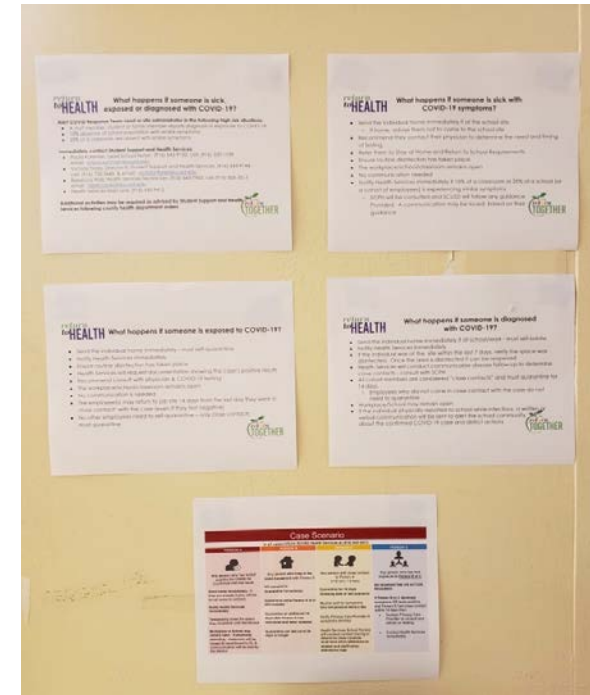
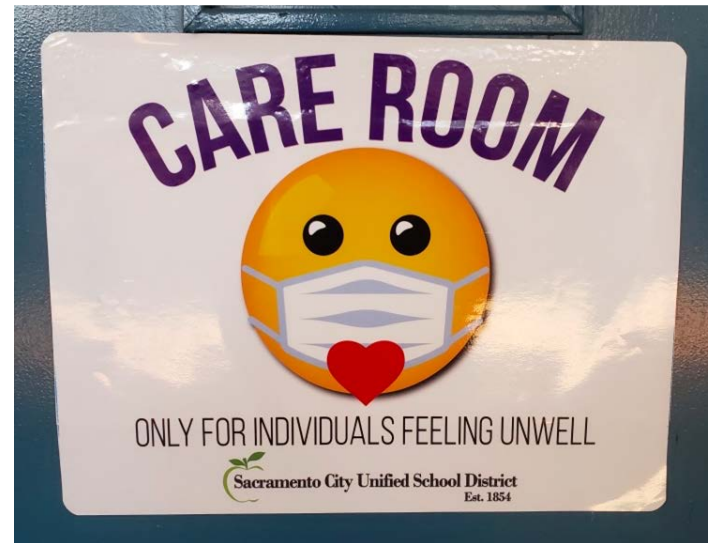




Public Health Order Required Measures for Mitigating Exposure

Proposed “Required” Metrics for Mitigating Contact Transmission

- *All school sites provided with procedures for setup and use of “Care room” for sick individuals, including PPE supplies*





Public Health Order Required Measures for Mitigating Exposure

Proposed “Required” Metrics for Mitigating Contact Transmission

- *Physically distance all classrooms and limit shared objects/surfaces*

Physically distanced classrooms



Limit shared objects/surfaces





Public Health Order Required Measures for Mitigating Exposure

Proposed “Required” Metrics for Mitigating Contact Transmission

- *Daily disinfectant schedule provided to all plant manager and custodial staff*

Disinfecting Foggers





Public Health Order Required Measures for Mitigating Exposure

Proposed “Required” Metrics for Mitigating Contact Transmission

- *Develop signage map for each district facility*



All sites will receive maps similar to this that outline standards and sign types needed in each identified section of the school site.





Public Health Order Required Measures for Mitigating Exposure

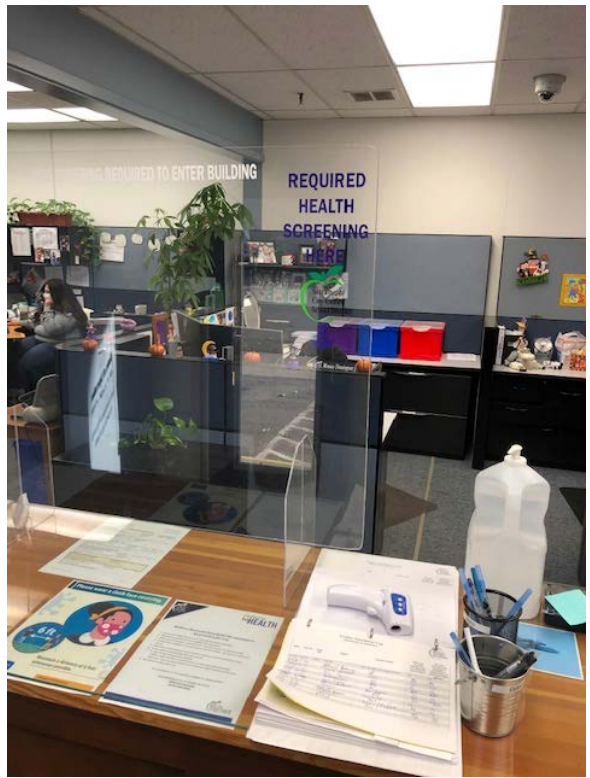
Mitigating Contact & Respiratory Transmission

- Installation of appropriate physical barriers in high contact areas:
 - Install barriers in all front office locations
 - Install barriers for 1x1 student assessments
 - Install barriers for library counters in use
 - Install barriers for multi-purpose and cafeteria meal-counters in use



Physical Barriers

Front office



1x1 assessment



Meal Counters








Completion Status of Required Metrics

<i>Return to Health Plan completed and videos and website published</i>	Completed
<i>All employees/substitutes provided access to the Hour Zero COVID training</i>	Completed
<i>Distribute <u>daily</u> site inspection checklist distributed to all site principals</i>	In Progress
<i>Health Screening procedures provided to every site</i>	Completed
<i>All school sites/departments provided with procedures for symptomatic, exposed or positive individuals</i>	Completed
<i>Establish protocols for visitors or non-essential people on campus/work sites by appointment only</i>	Completed
<i>Health Promotion Practices (e.g. Flu Clinic)</i>	Completed
<i>PPE in all classrooms and common spaces (face coverings, hand sanitizer/hand soap, facial tissue)</i>	Completed

- Not started ■
- In Progress ■
- Completed ■



Completion Status of Required Metrics

<i>All school sites provided with procedures for setup and use of care room for sick individuals</i>	Completed	Not started 
<i>Physically distance all classrooms and limit shared objects/surfaces</i>	In Progress	In Progress 
<i>Daily disinfectant schedule provided to all plant manager and custodial staff</i>	Completed	Completed 
<i>Signage map will be provided for each district facility</i>	In Progress	
<i>Install barriers in all front office locations</i>	Completed	
<i>Install barriers for 1x1 student assessments</i>	In Progress	
<i>Install barriers for library counters <u>in use</u></i>	In Progress	
<i>Install barriers for multi-purpose and cafeteria meal-counters <u>in use</u></i>	In Progress	



“Above and Beyond Measures” Metrics

Minimizing Contact & Respiratory Transmission

- *Monthly testing for staff at SCPH Free Community Testing Sites during work hours and report positive result immediately to their supervisor and Health Services*
- *Publish district dashboard on positive cases of individuals physically present at a work/school site*



“Above and Beyond Measures” Metrics

Mitigating Contact & Respiratory Transmission

- *Require face coverings for all grade levels (e.g. only 3rd grade and above required)*
- *All district facilities will have increased ventilation as outlined by ASHRAE guidance*
 - *Reprogram all units to continuously run when doors and windows are open*
 - *Fully open all dampeners to allow for the maximum draw of outside air*
 - *Replace filter with the highest MERV-rated filter that units are designed to use*

Why is ventilation an above and beyond metric

COVID-19 REOPENING GUIDANCE FOR SCHOOLS

MITIGATING COVID-19 RISKS AND ADDRESSING POTENTIAL EXPOSURES
AND/OR POSITIVE STUDENTS, TEACHERS, AND STAFF

OCTOBER 26,
2020

SACRAMENTO COUNTY PUBLIC HEALTH

HVAC FILTRATION

What type of HVAC filters should our school use?

SCPH does not have any specific guidance on AC filtration systems. Additional information can be found at <https://www.epa.gov/coronavirus/air-cleaners-hvac-filters-and-coronavirus-covid-19>

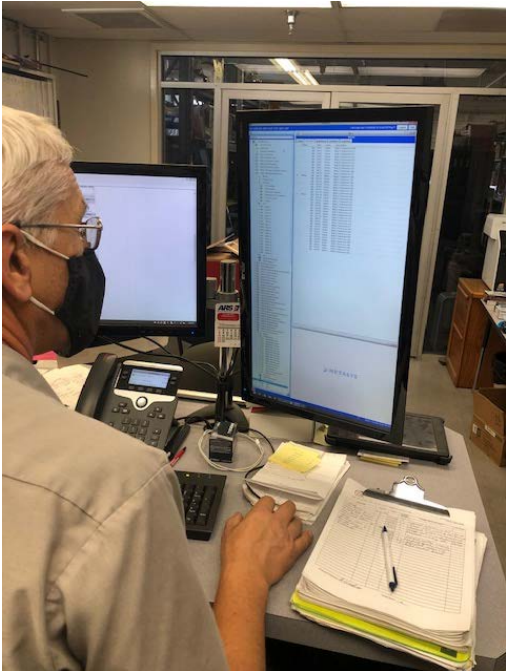


“Above and Beyond Measures” Metrics

Building Ventilation
Filter changes

Reprogramming

Maintenance





“Above and Beyond Measures” Metrics

Minimizing Contact Transmission

- *Limit use of shared surfaces*
 - *Disable hand dryers*
 - *Disable drinking fountains*
- *Flush water lines to remove stagnant water and reduce disease risk*
- *Install 400 stanchions (movie theater belts) to manage traffic flow*



Completion Status of “Above and Beyond Measures” Metrics

<i>Monthly testing for all staff physically reporting to work at SCPH Free Community Testing Sites during work hours and report positive result immediately to their supervisor and Health Services</i>		Not started ■
<i>Publish district dashboard on positive cases of individuals physically present at a work/school site</i>		In Progress ■
<i>Require Face Coverings for <u>all</u> grade levels (e.g. only 3rd grade and above required)</i>		Completed ■
<i>Reprogram all units to continuously run with open doors and windows</i>		
<i>Fully open all dampeners to allow for the maximum draw of outside air</i>		
<i>Replace filters with the highest MERV-rated filter units are designed to use</i>		



Completion Status of “Above and Beyond Measures” Metrics

<i>Disable hand dryers</i>	In Progress	Not started
<i>Turn off drinking fountains</i>	Completed	In Progress
<i>Flush water lines to remove stagnant water and reduce disease risk</i>	Completed	Completed
<i>Install 400 stanchions (movie theater belts) to manage crowd flow</i>	In Progress	Completed



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Re-Opening Parameters

Red level

- Required and “Above and Beyond Measures” metrics are completed
- Re-Open within two weeks (current status)
- **Pros**
 - Students receive live in-person instruction and support
 - If we do not reopen and go back to Purple status then we will be prohibited from re-opening
- **Cons**
 - Higher probability of COVID-19 cases due to greater community spread
 - Students will face potential disruption to learning process

Orange level

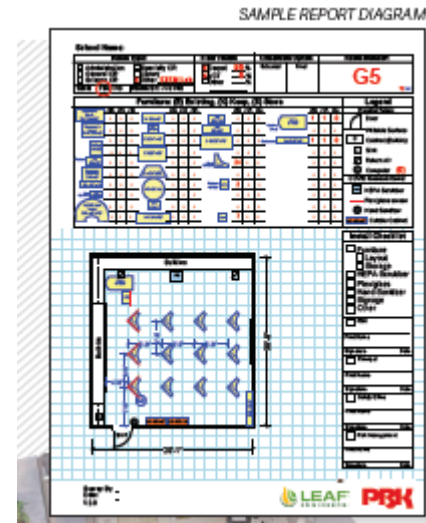
- Required and “Above and Beyond Measures” metrics are completed
- Re-Open within two weeks (current status is **Red**)
- **Pros**
 - Lower community spread
 - Students receive live in-person instruction and support
- **Cons**
 - Unknown when we get to Orange level
 - Reaching a potential “super spreader” season with the approaching holidays



“Above and Beyond Measures” Metrics

Assessment of physical minimizing and mitigation measures

- *Third-party assessment establishing that all district facilities have implemented all facilities -related measures to mitigate spread of COVID*





Limitations

- Community Spread – *most significant variable*
 - Single biggest predictor of the successful reopening in schools - is what is happening outside of schools
 - Disproportionality by zip code
- Trade-off between breadth versus depth with proposed metrics and Infrastructure/Capacity/Implementation Cost
- Behavior Change Management (*e.g. LA Dodgers Justin Turner case study*)
- Implementation Complexity & Adaptability
- COVID-19 blame/shame and implications for testing and contact tracing



Next Steps

- Direction from Board on Reopening Metrics
- Refinement and development of new metrics based on experience, emerging conditions, and revised public health guidance
- Build metrics infrastructure to ensure consistent reporting
- Communicate the purpose of and the results of metrics



Discussion of the School Reopening Metrics