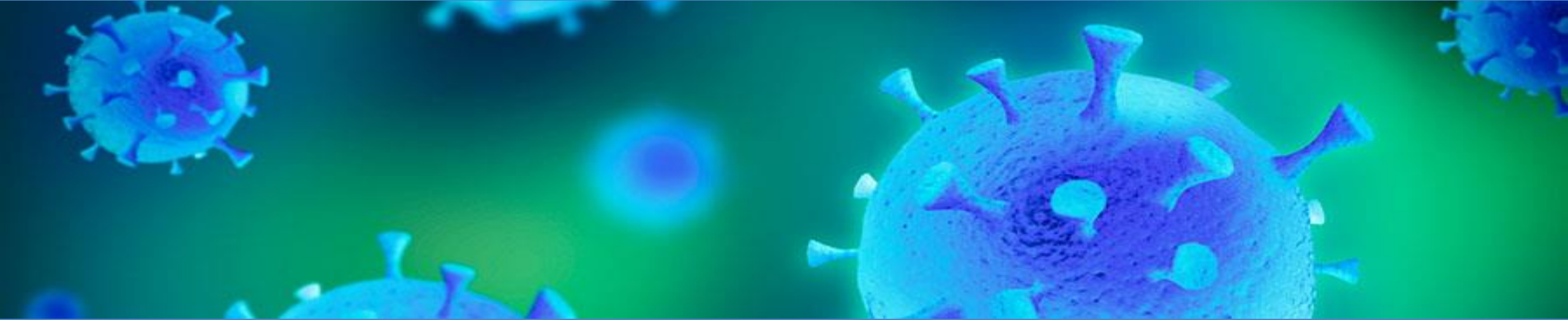


# VCHIP / CHAMP / VDH COVID-19 UPDATES



*Wendy Davis, MD FAAP - Vermont Child Health Improvement Program, UVM*

*Breena Holmes, MD FAAP – Director of Maternal & Child Health, Vermont Department of Health*

*August 31, 2020*

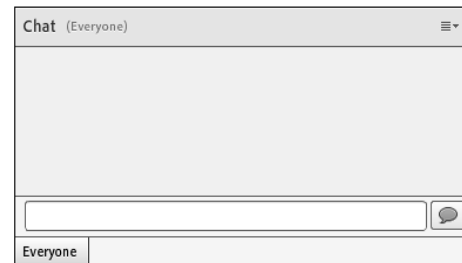
# Technology Notes

**1) All participants will be muted upon joining the call.**

**If you dialed in or out, unmute by pressing #6 to ask a question (and press \*6 to mute).**

Presenters: Please avoid the use of speakerphone and make sure your computer speaker is muted if you dialed in via phone.

**2) To ask or respond to a question using the *Chat* box, type your question and click the  icon or press Enter to send.**



# Overview Today

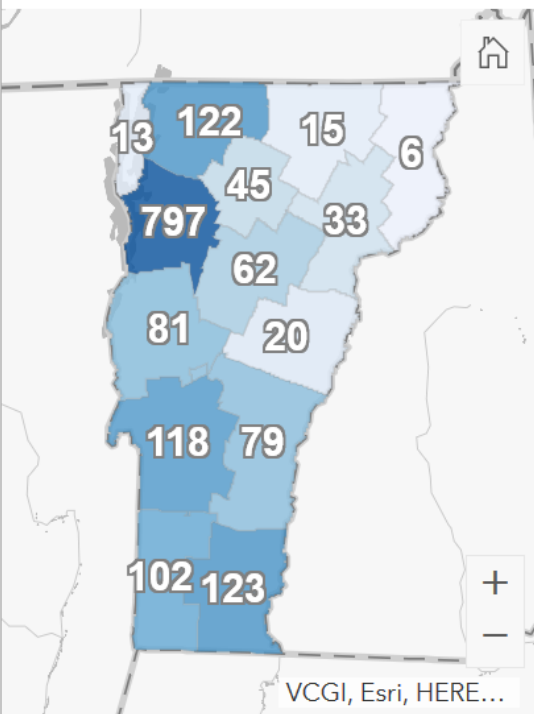
- Situation update
- In the news
  - ▣ Legionella in school water supplies
  - ▣ Dermatology and skin color
- Facial coverings-Bill
- VDH- testing, HANs
- Return to School
  - ▣ Algorithm, communication, parent information sheet (in development)

*[Please note: the COVID-19 situation continues to evolve very rapidly –  
so the information we're providing today may change quickly]*

# COVID-19 in Vermont Vermont Department of Health (VDH)

Total Cases	1,624
8 New	
Currently Hospitalized	1
Hospitalized Under Investigation	7
Total People Recovered	1,425
Deaths	58
People Tested	135,721
Travelers Monitored	675
Contacts Monitored	66
People Completed Monitoring	7,579
Last Updated: 8/31/2020, 11:00:10 AM	

## COVID-19 Positive Cases by County



### Chittenden County

Total Cases: 797  
New Cases: 8  
Total Deaths: 39  
Cases Per 10,000: 48.43

### Windham County

Total Cases: 123  
New Cases: 0  
Total Deaths: 3  
Cases Per 10,000: 28.77

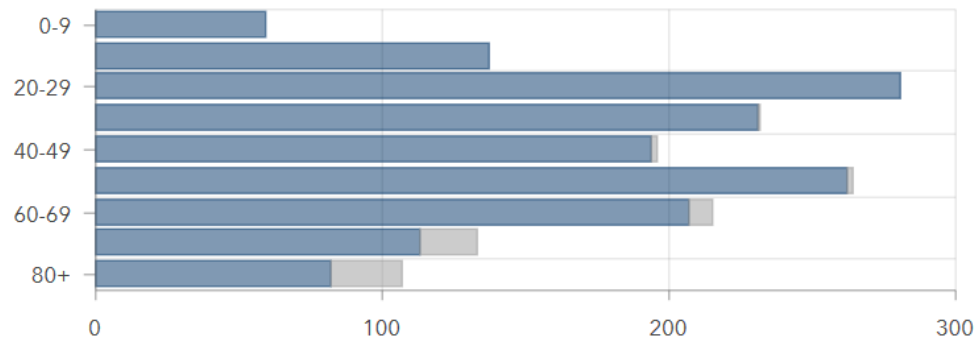
### Franklin County

Total Cases: 122  
New Cases: 0  
Total Deaths: 7  
Cases Per 10,000: 24.69

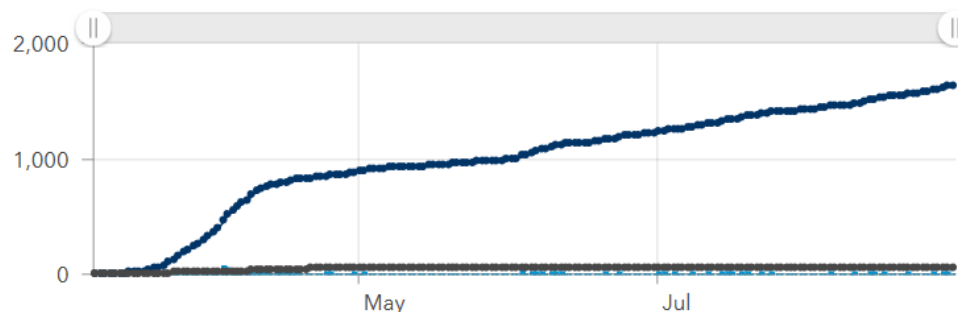
Click a County to highlight it on the map.

All data are compiled by the [Vermont Department of Health](#), and are preliminary and subject to change. Case information is updated daily by 12:00pm ET, reflecting counts as of end of previous day. For more information, see the full VDH [COVID-19 page](#). Application is dynamically resized if viewing on a mobile

## COVID-19 Cases and Deaths by Age Group



## Vermont COVID-19 New and Cumulative Cases, Cumulative Deaths

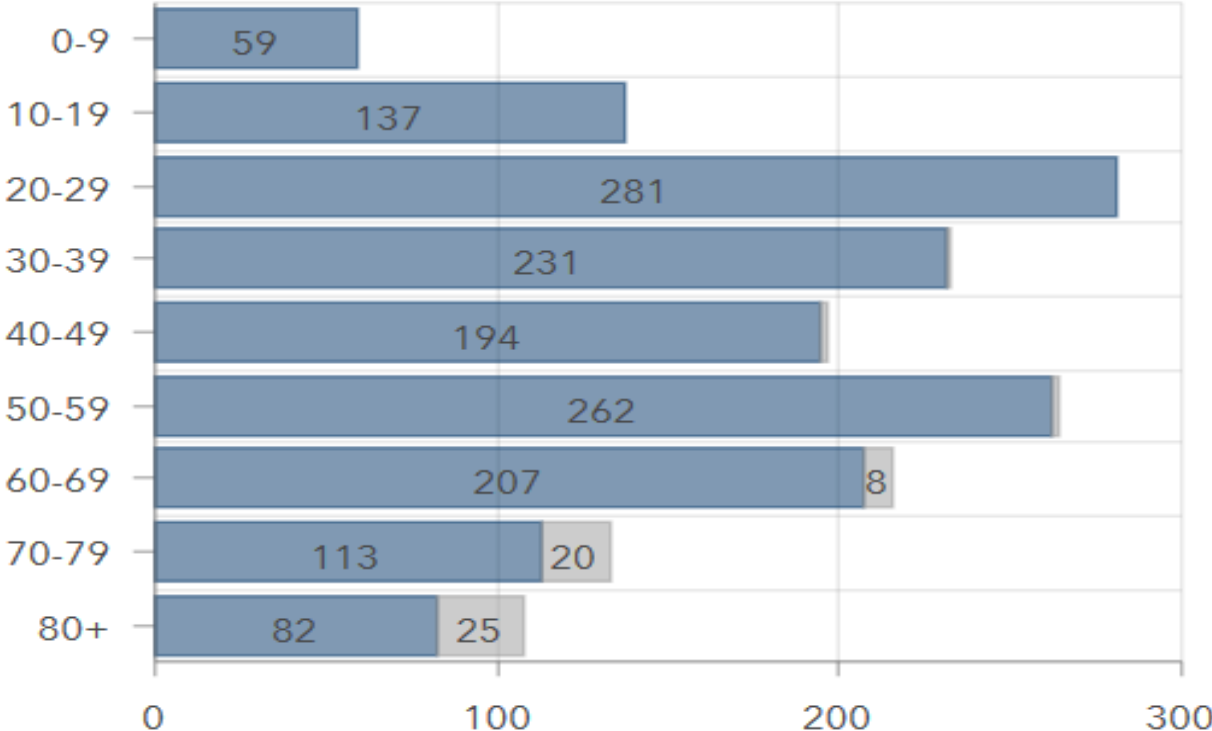


Hover over chart to see values, and drag scrollbar at top of chart to zoom into date range

Cases and Deaths by Date and Age

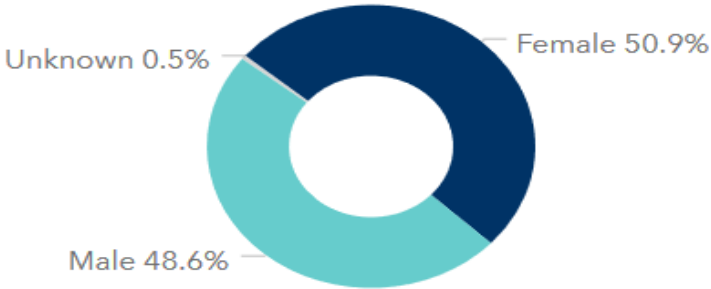
# Situation update

COVID-19 **Cases** and **Deaths** by Age Group

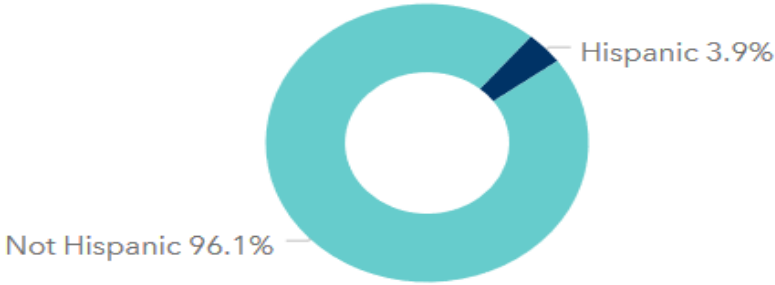


# Situation update

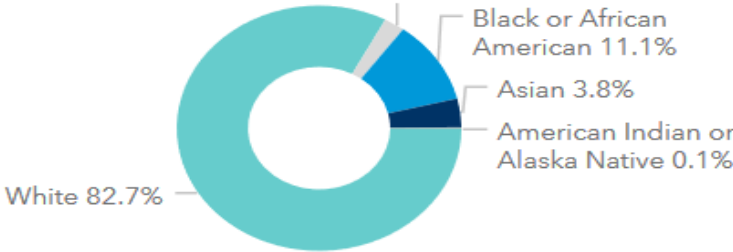
COVID-19 Positive Cases by Sex



COVID-19 Positive Cases by Ethnicity if Known



COVID-19 Positive Cases by Race if Known



[h](#) Hover over charts to see values

# In the News-Legionella

- ❑ <https://www.nytimes.com/2020/08/27/health/covid-schools-legionnaires-disease.html>
- ❑ Great Vermont resource on water flushing guides for schools
  - ❑ <https://education.vermont.gov/documents/water-flushing-guide-for-school-building-owners-and-facilities-managers-before-reopening-for-the-2020-21-school-year>
- ❑ When buildings are closed or are vacant for extended periods of time, the stagnation of potable water within plumbing can lead to poor water quality. This can lead to health issues unrelated to COVID-19.
- ❑ To protect public health, it is important for you to address stagnant water in the school building's plumbing before water consumption and usage resumes when schools reopen.

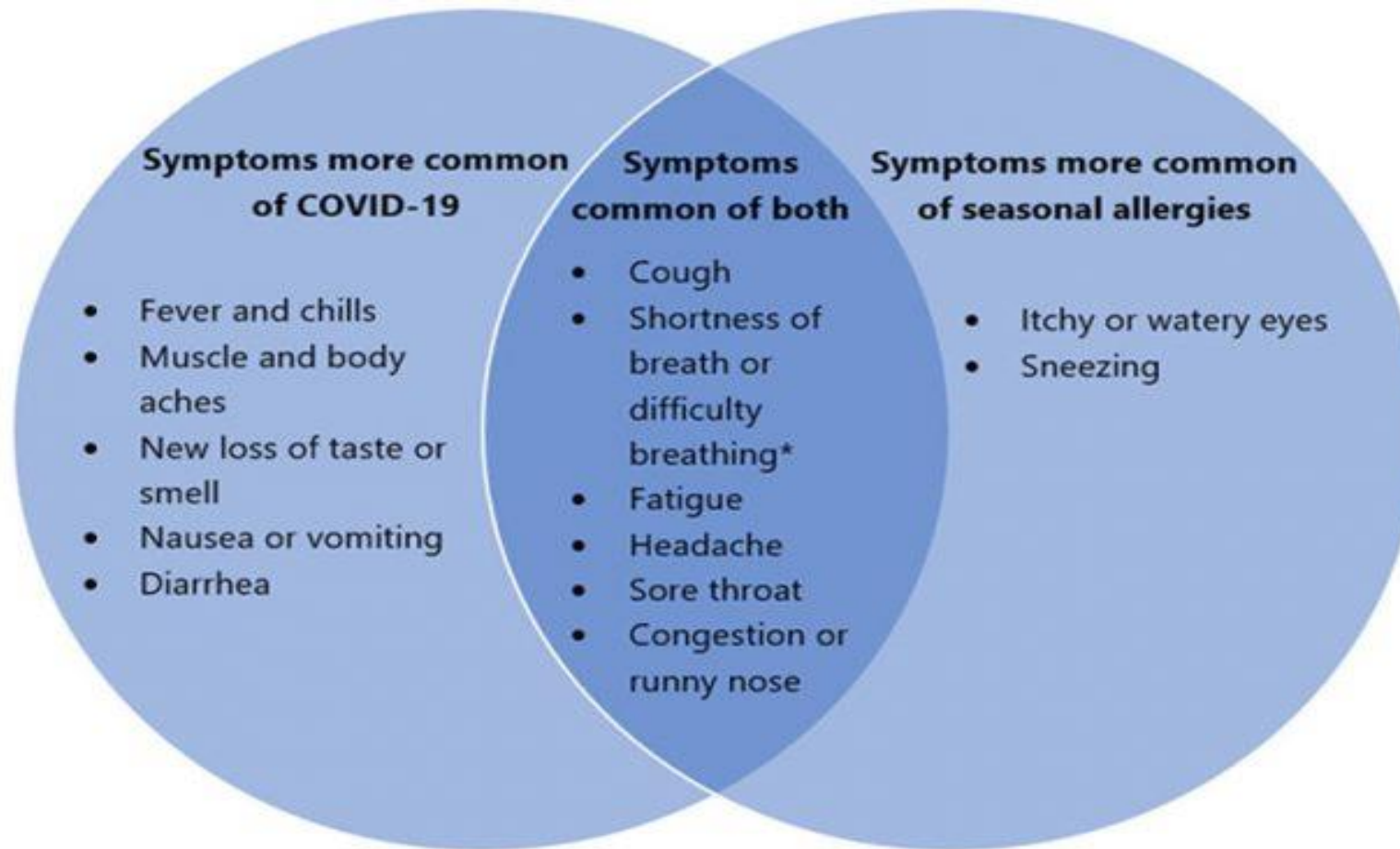
# Legionella

- ❑ There are four factors that influence how well Legionella bacteria can reproduce and create biofilms in potable water systems that could lead to Legionnaire's disease: water temperatures between 77 and 108°F (25-42°C), water stagnation, presence of organic matter and absence of disinfectant (for example, chlorine).
- ❑ When water is stagnant, it can lead to low or undetectable levels of disinfectant. This increases the risk for growth and spread of Legionella and other pathogens. Additionally, hot water temperatures can decrease, or cold water temperatures can increase, bringing the water into the Legionella growth range.
- ❑ To minimize the risk of Legionnaires' disease and other waterborne diseases after periods, use the ANSI/ASHRAE Standard 188-2018 to develop a water management program. You can also find guidance from CDC's Developing a Water Management Program to Reduce Legionella Growth & Spread in Buildings: A Practical Guide to Implementing Industry Standards.

# Dermatology and Skin Color

- <https://www.nytimes.com/2020/08/30/health/skin-diseases-black-hispanic.html?referringSource=articleShare>
  - ▣ Common skin conditions manifest differently on dark skin
  - ▣ Including COVID toes
- In textbooks, only 10 percent of images illustrate dermatologic diseases in dark skin.

# CDC-COVID-Allergies Venn Diagram



# Facial Cloth Coverings

- These are pieces of cloth that cover the nose and mouth of the wearer. They help keep the wearer from spreading respiratory secretions when talking, sneezing, or coughing, and therefore provide some protection for the people around them. Depending on the material and number of layers, they may provide some protection for the wearer but that is not their prime function.
- Which type of facial cloth covering to wear is dependent on a number of factors. Data to suggest which type of facial cloth covering best prevents spread of respiratory droplets is sparse and based on adults or research conditions that may not mimic real life pediatric experiences. Young children should not use facial cloth coverings that tie.
- Generally, we recommend coverings made of at least two layers. Materials with tighter weaves are more likely to be effective at preventing spread of respiratory secretions than materials with loose weaves. Based on very small experiments, in adults, single layer gaiters trap the least amount of respiratory droplets. Two layer gaiters trap more than single layer gaiters. Gaiters doubled on themselves are likely to approach the efficacy of two layers of cotton T-shirt material.
- Facial cloth coverings should be changed if wet or soiled and washed each day.

# Health Department Updates

- Thank you for your feedback about barriers to anterior nares testing- we are going to publish as FAQ
- Outbreak updates
- HANs in process
  - Revised HAN about rescinding the recommendation for testing prior to discharge from hospital/ER has been submitted for review.
  - New HAN submitted and in the review process on possible neurologic complications of COVID-19.
  - Previously drafted HAN about types of SARS-CoV-2 tests is awaiting final approval

# Practice Issues

*Return to School & Other Favorite Topics!*



# Resources to support algorithm

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

School \_\_\_\_\_ Health Care Professional \_\_\_\_\_

School Nurse \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_

This document is intended for use as a communication tool among families, school nurses and medical homes serving children and youth. We encourage local teams to agree on optimal communication pathways in using this tool (e.g., telephone contact, fax, hand delivery, secure email).

**School nurses:** please use this form to communicate with families and the student's medical home if the symptoms start at school or if you are talking with a family whose children stayed home from school.

**Families:** Please use this form to communicate with the student's medical home to make plan for return to school

**Medical home/health care professionals:** please circle appropriate disposition on attached algorithm and return to school nurse.

# School Nurse-Health Care Professional communication tool

COVID-19 symptoms present: **(Please note when symptoms started)**

- ☐ Contact with an individual who is **COVID-19+** or quarantining with COVID-19 symptoms
- ☐ Fever (100.4 or greater)
- ☐ Cough
- ☐ Shortness of breath
- ☐ Chills
- ☐ Fatigue
- ☐ Muscle pain or body aches
- ☐ Headache
- ☐ Sore throat
- ☐ Loss of taste or smell
- ☐ Congestion or runny nose
- ☐ Nausea, vomiting or diarrhea (diarrhea is defined as frequent loose or watery stools compared to child's normal pattern)
- ☐ Other: \_\_\_\_\_

# School Nurse-Health Care Professional communication tool

Date of call/visit with medical home\_\_\_\_\_

(Presumptive) Diagnosis: \_\_\_\_\_

Plan for return to school – please follow the **algorithm entitled COVID-19 in Pediatric Patients (Pre-K – Grade 12)** from UVMCH – VCHIP – VDH, attached and posted at: [LINK WILL BE INSERTED HERE].

**Please circle the appropriate disposition** and return to school nurse and patient/family.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Primary Care Provider Signature

\_\_\_\_\_  
Date

**Signatures on this form signify parent/guardian understands the plan and gives permission for health care professional and school nurse to communicate regarding student health.**

# Topics We Are Following

- ❑ School (K-12), college/university reopening, return to sports guidance
- ❑ AAP-VT Task Force on Race and Health Equity
- ❑ Immunization strategies/policy: catch-up, flu, COVID-19 (?)
- ❑ Pediatric health care “restart”: how to safely reopen your practices (Ideas? Questions?) – please email: [vchip.champ@med.uvm.edu](mailto:vchip.champ@med.uvm.edu)
  - ❑ Federal and state COVID-19 financial relief
- ❑ MIS-C (Multi-System Inflammatory Syndrome in Children)
- ❑ Summer camps/other recreational activities
- ❑ OneCare Vermont all-payer model adjustments

# Questions/Discussion

- ❑ Q & A Goal: monitor/respond in real time; record/disseminate/revisit later as needed.
- ❑ **For additional questions, please e-mail:** [vchip.champ@med.uvm.edu](mailto:vchip.champ@med.uvm.edu)
  - ❑ What do you need – how can we be helpful (specific guidance)?
- ❑ **VCHIP CHAMP VDH COVID-19 website:**  
[https://www.med.uvm.edu/vchip/projects/vchip\\_champ\\_vdh\\_covid-19\\_updates](https://www.med.uvm.edu/vchip/projects/vchip_champ_vdh_covid-19_updates)
- ❑ Next CHAMP call: ***Wednesday, September 2nd, 12:15-12:45 (NO Call on Friday September 4<sup>th</sup> or Monday September 7<sup>th</sup> (Labor Day Holiday).***
- ❑ Please tune in to VMS call with Commissioner Levine:  
***Thursday, September 3, 12:30-1:00 p.m. – Zoom platform & call information:***
- ❑ **Join Zoom Meeting:**  
<https://us02web.zoom.us/j/86726253105?pwd=VkVuNTJlZFQ2R3diSVdqdIJ2ZG4yQT09>
  - ❑ Meeting ID: 867 2625 3105 / Password: 540684
  - ❑ One tap mobile - +1 646 876 9923, 86726253105#, 0#, 540684# Dial In- +1 646 876 9923 / Meeting ID: 867 2625 3105 / Password: 540684