



Vermont

COVID-19 School Data Hub Details

Learning Model Data Availability

Data Level	Data Type	Available?	Enrollment by Learning Model	Time Interval/Coverage
District	Learning Model Status	No	-	-
School	Learning Model Status	Yes	Yes	Monthly, Sep 2020-May 2021

COVID-19 and Masking Data Availability

Data Level	Data Type	Available?
District	COVID-19 Case Data	No
School	COVID-19 Case Data	Yes
District	Masking Data	Yes

Please see below for further details for each data type.

Overview of Learning Model Data from the COVID-19 School Data Hub

The CSDH includes learning model data for K-12 public schools as provided by state agencies (e.g., departments of education or health), which can be accessed here: <https://www.covidschooldatahub.com/>. State data files do not include private schools, schools serving only as pre-kindergarten/early childhood centers, student services spanning multiple school districts, homeschool programs, residential programs, programs designed for youth ages 18-21, exclusively or primarily online/virtual schools, or adult programs.

CSDH files are organized into a consistent structure across states, and have been matched to NCES IDs and NCES school/district type. This information can be used in conjunction with the NCES school and district demographic files here: https://www.covidschooldatahub.com/for_researchers. Learning models are defined for the purposes of our dataset as follows:

- **In-person:** All or most students received instruction in person, 5 days a week.
- **Hybrid:** All or most students received a blend of in-person and virtual instruction.
- **Virtual:** All or most students received instruction virtually, 5 days a week.

The learning model data that were publicly available or submitted to CSDH upon request are presented as the state's best knowledge about the learning model status of their schools and districts. The data have been cleaned and standardized, but CSDH has not conducted additional verification of this information. All learning model data are available in csv and Excel formats. State-specific information can be found below, and more information on CSDH data methods can be found here: <https://www.covidschooldatahub.com/methods>.

In some cases, the learning model information provided by state agencies was collected as part of the state's plan to determine and disburse benefits as part of the Pandemic Electronic Benefit Transfer (P-EBT) program through the U.S. Department of Agriculture. More information can be found at <https://www.fns.usda.gov/snap/state-guidance-coronavirus-pandemic-ebt-pebt>.



A. Learning Model Status & Enrollment

Learning Model Data Details											
District file	Not available										
School file	Learning model data and enrollment by learning model data available										
Data source	Vermont Agency of Education (AOE)										
Learning model statuses used by state (with definitions, if available)	<table border="1"> <thead> <tr> <th>State Definition</th> <th>CSDH Classification</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> In Person: Students attend school (in person) five days a week </td> <td>In-person</td> </tr> <tr> <td> <ul style="list-style-type: none"> Remote: Students attend class remotely (from home) five days a week </td> <td>Hybrid</td> </tr> <tr> <td> <ul style="list-style-type: none"> Hybrid: Students attend class remotely 1-4 days a week, and in person the other 1-4 days. (The majority of schools used a four days in person, one day remote model) </td> <td>Virtual</td> </tr> <tr> <td>[No Report]</td> <td>Blank</td> </tr> </tbody> </table>	State Definition	CSDH Classification	<ul style="list-style-type: none"> In Person: Students attend school (in person) five days a week 	In-person	<ul style="list-style-type: none"> Remote: Students attend class remotely (from home) five days a week 	Hybrid	<ul style="list-style-type: none"> Hybrid: Students attend class remotely 1-4 days a week, and in person the other 1-4 days. (The majority of schools used a four days in person, one day remote model) 	Virtual	[No Report]	Blank
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Data time interval	Monthly, from September 2020-May 2021										
Enrollment total	The EnrollmentTotal variable reflects each school's K-12 enrollment for the 2020-21 school year as of October, 2020, as provided from Vermont's Education Dashboard at https://education.vermont.gov/data-and-reporting/vermont-education-dashboard/enrollment . For each school, the official EnrollmentTotal is applied across all time periods.										
Additional state learning model data details	<p><u>Enrollment by Learning Model</u> Enrollment by learning model (in-person, virtual, hybrid) was provided from the VT Agency of Education (AOE) as percentages by grade band (Elementary, Middle School, High School), as collected from the state's monthly Strong and Healthy Schools Survey.</p> <p>CSDH enrollment by learning model counts were calculated as the sum of the total enrollment for each grade band multiplied by the learning model percentage for that grade band.</p> <p>If learning model counts are not provided for a particular month, AOE advised that it is because the school did not submit a survey for that month. Grade band information was also provided by schools and may reflect some inconsistencies.</p> <p><u>School-Level Learning Model</u> CSDH generated the LearningModel variable based on the <i>predominant</i> (most common) learning model used among the three grade bands.</p> <p><u>Grade Band Learning Model Categorization</u></p>										



	<p>The state did not categorize schools by learning model. Each school was allowed to use multiple learning models to best fit their student populations, and very few schools used only one model for 100% of their students.</p> <p>Based on the enrollment counts, the school grade-band learning models presented in this CSDH dataset using the following parameters:</p> <ol style="list-style-type: none">1. Virtual =<ol style="list-style-type: none">a. If a school or district has virtual enrollment that is more than 90% of the total student enrollment (i.e., EnrollmentTotal)2. In-person =<ol style="list-style-type: none">a. any school/district with ONLY in-person enrollment; orb. any school/district with in-person AND virtual enrollment if in-person enrollment is 10% or more of the total learning model enrollment.3. Hybrid=<ol style="list-style-type: none">a. any district with ONLY hybrid enrollment; orb. any school/district with hybrid AND virtual enrollment if hybrid enrollment is 10% or more of the total learning model enrollment.4. When distinguishing between whether to classify as in-person or hybrid, the learning model is categorized as whichever model has the greatest number of students enrolled.<ol style="list-style-type: none">a. If there are “ties” in the # of enrolled students in the in-person and hybrid models (or hybrid-virtual models), the learning model should be the one that reflects the most “in-person approach”. In other words:<ul style="list-style-type: none">o In-person/Virtual ties: Coded as In-persono In-person/Hybrid ties: Coded as In-persono Hybrid/Virtual ties: Coded as Hybrid5. The learning model is left blank if total learning model enrollment <60% of EnrollmentTotal.
Staff counts	<p>School-level staff counts and in-person staff counts for the 2020-21 school year were provided from Vermont’s AOE based on the Strong and Healthy Schools survey. Staff counts should include every person who works at the school (teachers, councilors, maintenance, etc). The state reported that any discrepancies between the number of employed staff and the number of staff working in-person were likely due to data entry errors or misinterpretations in response to the survey.</p>
Version history	<ul style="list-style-type: none">● 9/15/21: School file released.



B. COVID-19 Case Data

COVID-19 Case Data Details		
Data available?	Yes (School)	
Case count reporting	<ul style="list-style-type: none"> Staff and students reported together <p>VT reports case counts by K-12 learning communities, which include staff, students, faculty, bus drivers, and kitchen staff. However, VT does not differentiate among these groups or across age groups. The data include both PCR-confirmed cases and probable cases. These counts represent cases by school, not by individual; thus, if someone works at or attends more than one school, they will be counted at each school if it was determined through contact tracing that the person was in both locations during their infectious period.</p>	
Data time interval	Weekly	
Data suppression	Vermont does not suppress cases	
Data source	Vermont Department of Health	
Variables used from original data	Original Variable in State Data	CSDH Dataset Variable
	School Name	SchoolName
	Report Date	TimePeriodEnd
	Report Date	TimePeriodStart
	Report Date	TimePeriodInterval
	Cases Reported in the Past 7 Days	NewCasesStaffStudentsCombined
	Total Cases	CumulativeCasesCombined
Current Cases	Not mapped (see additional details)	
Additional data details	The first report (Oct 16, 2020) had a different format than subsequent formats, reporting "Current Cases" and "Recovered" rather than "Cases Reported in the Last 7 Days" and "Total Cases."	
Version history	<ul style="list-style-type: none"> 9/15/21: Case data file released. 	

C. Masking Data

Masking Data Details	
Data available?	Yes (District)
Data source	VT enacted a statewide mandate, which included schools and districts, throughout the 2020-21 school year.
Additional data details	The VT data reflect a masking policy in effect for staff and students across all districts for the full 2020-21 school year.
Version history	<ul style="list-style-type: none"> 9/15/21: Masking file released.