**Vermont**

***COVID-19 School Data Details***

**COVID-19 School Data Summary**

| **Data Type** | **Available?** |
| --- | --- |
| A | Learning Model Status | Yes |
| Learning Model Enrollment | Yes |
| B | COVID-19 Case Data (school- or district-level) | Yes |
| C | Masking Policy Data | Yes |

Please see below for further details for each data type.

1. **Learning Model Status & Enrollment**

| **Learning Model Status Data Details** |
| --- |
| **Learning model status available?** | Yes |
| **Learning model enrollment available?** | Yes |
| **Reporting level** | School |
| **CSDH learning model definitions** | * 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.
 |
| **Learning model statuses used by state (with definitions, if available)** | **State Definition** | **CSDH Dataset Classification** |
| In Person: Students attend school (in person) five days a week | In-Person |
| Remote: Students attend class remotely (from home) five days a week | Virtual |
| 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) | Hybrid |
| **Data time interval** | Monthly from September 2020 through May 2021.The Vermont data include time period start month and year. Time period start dates were derived as the first day of the month. Because these are monthly data, time period end dates were derived as the last day of the month. These dates do not necessarily reflect the start/end dates of the school year. |
| **Data source** | Vermont Agency of Education |
| **Enrollment total** | The EnrollmentTotal variable presents the total K-12 school-level enrollment for the 2020-21 school year as available from Vermont’s Education Dashboard, reflecting enrollment as of October 2020. (See: <https://education.vermont.gov/data-and-reporting/vermont-education-dashboard/enrollment>). |
| **Additional learning model data details** | Learning Model Enrollment Enrollment by learning model (in-person, virtual, hybrid) were provided from the VT Agency of Education as percentages by grade band (Elementary, Middle School, High School), as collected from the state’s monthly Strong and Healthy Schools Survey.Total enrollment counts for each learning model were calculated as the sum of the total enrollment for each grade band multiplied by the learning model percentage for that grade band.If learning model counts are not provided for a particular month 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. Learning Model CategorizationThe 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. Based on the enrollment counts, the school-level learning models presented in this dataset were determined by the COVID-19 School Data Hub using the following parameters:1. Virtual =
	1. If a school or district has virtual enrollment that is more than 90% of the total student enrollment (i.e., EnrollmentTotal)
2. In-person =
	1. any school/district with ONLY in-person enrollment; or
	2. 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=
	1. any district with ONLY hybrid enrollment; or
	2. 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.
	1. 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:

o In-person/Virtual ties: Coded as In-persono In-person/Hybrid ties: Coded as In-persono Hybrid/Virtual ties: Coded as Hybrid1. The learning model is left blank if total learning model enrollment <60% of EnrollmentTotal.
 |
| **Staff counts** | 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. |

1. **COVID-19 Case Data**

| **COVID-19 Case Data Details** |
| --- |
| **School- or district-level data available?** | Yes |
| **Reporting level** | School |
| **How case counts are reported:** | * Staff and students reported together

Vermont reports case counts by K-12 learning communities, which include staff, students, faculty, bus drivers, and kitchen staff. However, Vermont 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. For example, if someone works at or attends more than one school, they will be counted under each school ifit was determined through contact tracing that the person was in both locations during their infectious period.  |
| **Data time interval** | Weekly |
| **Data masking information** | Vermont does not mask cases |
| **Data source** | [Vermont Department of Health](https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-Transmission-Schools.pdf) |
| **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) |
| Recovered | 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." |

1. **Masking Policy Data**

| **Masking Data Details** |
| --- |
| **Available?** | Yes |
| **Reporting level** | 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. |