



## Colorado

### 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	Yes	No	Monthly, Aug 2020-May 2021
School	Learning Model Status	Yes	No	Monthly, Aug 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](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	Learning model data available; no enrollment by learning model data available												
School file	Learning model data available; no enrollment by learning model data available												
Data source	Colorado Department of Education (CDE)												
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"> <li><b>In-Person:</b> If the Remote or Hybrid standards are not met, the District will be considered In-Person for that month. This means no Hybrid schedule was in effect and less than 25% of students in the District participated in 100% remote learning for the majority of the month.</li> </ul> </td> <td><b>In-person</b></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li><b>Hybrid:</b> If the standard for Remote benefits is not met, but the majority of students in the District followed a hybrid schedule (at least one virtual day per week) OR between 25% and 50% of students in the District participated in 100% remote learning for the majority of the month.</li> </ul> </td> <td><b>Hybrid</b></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li><b>Remote:</b> The majority (more than 50%) of students in the District participated in 100% remote learning for the majority (more than 50%) of the month.</li> </ul> </td> <td><b>Virtual</b></td> </tr> <tr> <td><b>Before/After Normal School Year</b></td> <td><b>Closed</b></td> </tr> <tr> <td><b>[No Report]</b></td> <td><b>Blank</b></td> </tr> </tbody> </table>	State Definition	CSDH Classification	<ul style="list-style-type: none"> <li><b>In-Person:</b> If the Remote or Hybrid standards are not met, the District will be considered In-Person for that month. This means no Hybrid schedule was in effect and less than 25% of students in the District participated in 100% remote learning for the majority of the month.</li> </ul>	<b>In-person</b>	<ul style="list-style-type: none"> <li><b>Hybrid:</b> If the standard for Remote benefits is not met, but the majority of students in the District followed a hybrid schedule (at least one virtual day per week) OR between 25% and 50% of students in the District participated in 100% remote learning for the majority of the month.</li> </ul>	<b>Hybrid</b>	<ul style="list-style-type: none"> <li><b>Remote:</b> The majority (more than 50%) of students in the District participated in 100% remote learning for the majority (more than 50%) of the month.</li> </ul>	<b>Virtual</b>	<b>Before/After Normal School Year</b>	<b>Closed</b>	<b>[No Report]</b>	<b>Blank</b>
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Data time interval	<p><u>District- and school-level files</u>            Monthly, from August 2020 - May 2021. The start and end dates of each time period were assigned as the first and last days of the month.</p>												
Enrollment total	<p>The EnrollmentTotal variable presents Colorado's K-12 student enrollment data for the 2020-21 school year for each school or district, as reported on the CDE website based upon the Student October 2020 count. For each school or district, the official EnrollmentTotal is applied across all time periods. District-level and school-level data are available here:  <a href="http://www.cde.state.co.us/cdereval/pupilcurrent">http://www.cde.state.co.us/cdereval/pupilcurrent</a>.</p>												
Additional state learning model data details	<p>Colorado's learning model information was collected by the Colorado Department of Education (CDE) as part of the Pandemic Electronic Benefit Transfer (P-EBT) program. More information about the P-EBT program can be found here: <a href="https://cdhs.colorado.gov/p-ebt">https://cdhs.colorado.gov/p-ebt</a>. Learning model data were provided separately for districts/schools that did not certify the learning modality for P-EBT. Missing information for months or districts reflects missing data from CDE.</p>												



	<p><u>District-level</u> Data provided to CSDH from CDE includes the district-level learning modality by month and grade band. Elementary learning modality is mapped to the variable LearningModelGrK5 and Middle/High learning modality is mapped to both LearningModelGr68 and LearningModelGr912. A predominant learning model by district was not provided. CSDH generated the LearningModel variable based on the <i>predominant</i> (most common) learning model used among the three grade bands.</p> <p><u>School-level</u> CDE provided a list of schools whose learning modality differed from their district, by month. This information was applied to the school-level dataset. For the remainder of the schools in the dataset, the school learning model was inherited from the district learning model classification. Note that while the district-level data provides learning information by <i>grade band</i>, the school level data provides the predominant learning model by <i>school</i>, presented in the LearningModel variable. The district-level grade band data (i.e., the LearningModelGrK5, LearningModelGr68, and LearningModelGr912 classifications) were used to map the learning model classification to the appropriate schools, based on the majority of grades served. For example, a school which serves Grades 2-6 was assigned the classification of “Elementary School” and the LearningModel for each month was copied from LearningModelGrK5 from the school’s district data.</p>
<b>Staff counts</b>	<p><u>District-level:</u> District-level staff counts were provided by CDE and include the total number of staff employed per district.</p> <p><u>School-level:</u> School-level staff counts are not available.</p>
<b>Version history</b>	<ul style="list-style-type: none"><li>● 9/15/21: District file released for Oct 2020-May 2021.</li><li>● 3/4/22: New district and school file posted to include the full school year (Aug 2020-May 2021), based on P-EBT data from CDE</li><li>● 4/12/22: LearningModel variable updated for the district file.</li><li>● 5/18/22: LearningModel data added for districts not originally included in P-EBT data.</li></ul>



## B. COVID-19 Case Data

COVID-19 Case Data Details	
<b>Data available?</b>	Yes (School)
<b>Case count reporting</b>	<ul style="list-style-type: none"> <li>• Staff and students reported together; and</li> <li>• Staff and students reported separately</li> </ul>
<b>Data time interval</b>	No fixed reporting interval. New cases are reported over a 14 day period. TimePeriodStart represents the date the outbreak was reported to the Department of Public Health. TimePeriodEnd represents the date that the outbreak was considered closed.
<b>Data suppression</b>	Colorado does not suppress cases.
<b>Data source</b>	<a href="#">Colorado Department of Public Health and Environment Outbreak Data</a>
<b>Additional data details</b>	Colorado focuses its reporting on outbreaks, which are defined as 2 or more cases in a location within 14 days. In addition, we have aggregated probable and confirmed cases, which were separated in the earliest period (October 14-December 23, 2020) but not in the most recent data.
<b>Version history</b>	<ul style="list-style-type: none"> <li>• 9/15/21: Case data file released.</li> </ul>

## C. Masking Data

Masking Data Details	
<b>Data available?</b>	Yes (District)
<b>Data source</b>	CO enacted a statewide mandate, which included schools and districts, throughout the 2020-21 school year.
<b>Additional data details</b>	The CO data reflect a masking policy in effect for staff and students across all districts for the full 2020-21 school year, until May 14, 2021 (this date reflects the end of the state-level mask mandate).
<b>Version history</b>	<ul style="list-style-type: none"> <li>• 9/15/21: Masking file released.</li> </ul>