



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	Weekly, 9/1/20-6/4/21
School	Learning Model Status	Yes	No	Weekly, 9/1/20-6/4/21

COVID-19 and Masking Data Availability

Data Level	Data Type	Available?
District	COVID-19 Case Data	No
School	COVID-19 Case Data	No
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	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	Minnesota Department of Education (MDE)	
Learning model statuses used by state (with definitions, if available)	State Definition	CSDH Classification
	<ul style="list-style-type: none"> AllInPerson; In-Person; InPersonHybridCombination; InPersonDistanceCombination 	In-person
	<ul style="list-style-type: none"> AllHybrid; Combination; HybridDistanceCombination 	Hybrid
	<ul style="list-style-type: none"> AllDistance; Distance 	Virtual
	<i>This information not provided</i>	Closed
	[No Report]	Blank
Data time interval	<p>Weekly, from 9/1/20-6/4/21.</p> <p>The Minnesota Department of Education indicated that schools reported learning model data each Friday (or, where there was a public holiday, information was collected the following Monday). The TimePeriodInterval was coded as “Weekly”, even where reporting dates were occasionally delayed by a holiday and were slightly more or less than seven days apart. In converting the report date data into standardized TimePeriodStart and TimePeriodEnd dates, we assumed the report date was the end of the reporting interval, given data was generally collected each Friday for that reporting week.</p>	
Enrollment total	<p>The EnrollmentTotal variable presents Minnesota’s K-12 student enrollment data for the 2020-21 school year (as of Oct 1, 2020) for each school or district, respectively, as reported by MDE, available here: https://public.education.mn.gov/MDEAnalytics/DataTopic.jsp?TOPICID=2. For each school or district, the official EnrollmentTotal is applied across all time periods.</p> <p>In some cases, EnrollmentTotal <10 students. MDE also advised that “since these data represent October 1 enrollment counts, given that many non-traditional school types and programs (especially ALCs) tend to have low or no enrollment earlier in the year, and gain students as the year progresses, it is possible that some of these programs may not appear in these Fall enrollment [counts]. Likewise, since inclusion in Fall Enrollment data is based on individual student enrollment records, programs in which students may participate in addition to their enrollment in a ‘traditional’ school, but which do not result in the creation of a separate enrollment record beyond the one at that ‘traditional’ institution, will likewise not be reflected in this data”. We removed schools for which learning model data was provided that did not have any enrollment data from our standardized dataset in light of this advice.</p>	



<p>Additional state learning model data details</p>	<p>The Minnesota Department of Education (MDE) first began to collect Learning Model data from schools and districts in the FY2021 school year on August 1, 2020. After this date, schools could enter their Learning Model data at any time, as well as update that information as appropriate.</p> <p><u>School-level learning model data</u></p> <ul style="list-style-type: none"> • MDE did not report school-level learning model classifications. • Original data from MDE provided learning model classifications by grade level; our dataset collapses this information into learning model classifications for the following grade bands: K-5, 6-8, and 9-12. The learning model assigned to each band was the most common learning model used for grades within that band, and where two types of learning model were evenly split in a band, the classification favored the most in-person option. • MDE reported that a row for an individual school reflects the most recent school-level learning model data available at the time of the report. A school-level row will assume the learning model indicated by the district in which it is located only if no school-level data exists for the organization at the time of reporting. In other words, if school-level data and district-level data exist for a given school, the school-level data always takes precedence over the district-level data, even if the district-level data were updated more recently. This follows the methodology MDE used in creating the public learning model files available on its website. <p><u>District-level learning model data</u></p> <ul style="list-style-type: none"> • District-level learning model classifications were provided from MDE. • Overall district-level state-assigned learning model data were not available for any districts for the first time interval (first week of September 2020). A small number of districts were missing one or two additional state-assigned district-level learning model observations in the original data, which appear as blanks in our standardized file.
<p>Staff counts</p>	<p>Staff count data were obtained from the public website of the Minnesota Professional Educator Licensing and Standards Board (https://mn.gov/pelsb/board/data/). The website notes that its “online reports provide data on all licensed educators (teachers, administrators, related services and non-instructional personnel), related to tier level, licensure area, district, region, and other demographic information. This data comes from two primary sources: license applications and Staff Automated Reporting (STAR).” We created a sum of the “Head Count” variable from a file titled “Licensed Staff FTE by Assignment - School 20-21” to create a total StaffCount for each school. Similarly, we used the “Head Count” variable from a file titled “Licensed Staff FTE by Assignment - District 20-21” to create a total StaffCount for each district. Note that staff count data did not appear to be available for 51 schools for which relevant learning model data were provided.</p> <p>No counts of staff working in-person were available.</p>
<p>Version history</p>	<ul style="list-style-type: none"> • 9/15/21: District and school files released.



B. COVID-19 Case Data

COVID-19 Case Data Details	
Data available?	No
Case count reporting	
Data time interval	
Data suppression	
Data source	
Additional data details	
Version history	

C. Masking Data

Masking Data Details	
Data available?	Yes (District)
Data source	MN enacted a statewide mandate, which included schools and districts, throughout the 2020-21 school year.
Additional data details	The MN 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.