Connecticut
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, 8/30/20-6/5/21
School	Learning Model Status	No	-	-

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	Learning model data available; no enrollment by learning model data available	
School file	Not available	
Data source	Connecticut State Department of Education (CSDE)	
Learning model statuses used by state (with definitions, if available)	**State Definition**	**CSDH Classification**
	• **Fully In-Person Learning Model**: All students attend school in-person on all days. Note: In a school that is fully in-person during this pandemic, some parents may choose to opt their child into full-time remote instruction due to health, safety, or other considerations. • **Most/All Grades Fully In-Person** • **Most Grades Fully In-Person**	**In-person**
	• **Hybrid Learning Model**: All students attend school in-person on some but not all days. On the days when students are not in-person, instruction is provided remotely through technology or other means. Note: Some students (e.g., students with disabilities, English learners) may come to school in-person for some or all days for specialized instruction and services under this model. Additionally, in a school that is hybrid during this pandemic, some parents may choose to opt their child into full-time remote instruction due to health, safety, or other considerations. • **Most/All Grades Hybrid** • **Most Grades Hybrid**	**Hybrid**
	• **Fully Remote Learning Model**: All students receive instruction remotely through technology or other means on all days. Note: Some students (e.g., students with disabilities, English learners) may come to school in-person for some or all days for specialized instruction and services under this model. • **Most/All Grades Fully Remote** • **Most Grades Fully Remote**	**Virtual**
	No instruction (applied by CSDH based on district start dates, as well as the weeks of 11/22/20, 12/20/20, 12/27/20, 2/14/21, and 4/11/21 for all districts in state)	**Closed**
	No Learning Model Reported	**Blank**
Data time interval	Weekly, from the first week of September through the first week of June (8/30/20-6/5/21). For each district, rows were included for the full school year, even if no data were collected.	

Enrollment total	The EnrollmentTotal variable presents Connecticut's K-12 district-level student enrollment data for the 2020-21 school year, reflecting enrollment as of October 1, 2020. For each district, the official EnrollmentTotal is applied across all time periods. Enrollment data are available from EdSight (via CSDE).
Additional state learning model data details	The Connecticut State Department of Education's Performance Office opened a weekly survey on September 4, 2020 called the Learning Model and Enrollment Data Collection. The data and additional information are publicly accessible here: https://data.ct.gov/Education/Learning-Model-by-School-District/5q7h-u2ac). <u>8/30/20 - 11/14/20</u> Until 11/14/20, CSDE collected learning model information at the grade level but did not provide a district-level predominant learning modality. We collapsed the grade level data as follows: ● **Into a predominant district-level learning model:** The learning model was assigned as the most frequent model across grade levels. Where two learning models were equally frequent within a grade band, the learning model was assigned as the most in-person model. ● **Into grade-band learning models:** The learning model was assigned as the most frequent model in the grade bands of K-5, 6-8 and 9-12. Where two learning models were equally frequent within a grade band, the learning model was assigned as the most in-person model. For example, in a district where grades 9 and 10 were hybrid and grades 11 and 12 were remote, the learning model for the 9-12 grade band was assigned as "Hybrid". This is captured by the LearningModelK5, LearningModel68, and LearningModel912 variables. <u>11/15/20 - 6/5/21</u> Between 11/15/20 - 6/5/21, the CSDE data included a categorization of the predominant learning model. The following categories were captured in the LearningModelStateCat variable: ● Most/All Grades Fully Remote ● Most Grades Fully Remote ● Most/All Grades Hybrid ● Most Grades Hybrid ● Most/All Grades Fully In-Person ● Most Grades Fully In-Person
Staff counts	The StaffCount variable provides the number of all certified staff in the district as of October 1, 2020 (via EdSight's Educator Race/Ethnicity Report for 2020-21), including those in the different categories of educators listed below: ● Administrators Coordinators and Department Chairs - District Central Office and school levels; ● Counselors Social Workers and School Psychologists; ● General Education - Teachers and Instructors; ● Instructional Specialists Who Support Teachers; ● Library/Media – Specialists; ● Special Education - Teachers and Instructors; and ● Other certified educators in non-instructional positions.
Version history	● 9/15/21: District file released. ● 3/4/22: Updated time interval variables and LearingModel variable.

B. COVID-19 Case Data

COVID-19 Case Data Details	
Data available?	Yes (School)
Case count reporting	● CT reported staff and students case counts together. ● The original data defined *School Total* as "Total number of cases at the school during the reporting period"; we interpreted this as referring to active cases and have coded the data accordingly.
Data time interval	Weekly
Data suppression	Connecticut masks data for small case counts into groups ("<6"), represented as a range of 1-5.
Data source	Connecticut Department of Health
Additional data details	CDSH data focuses on K-12 schools; pre-kindergarten, early childhood centers, and virtual schools have been removed from the dataset.
Version history	● 9/15/21: Case data file released.

C. Masking Data

Masking Data Details	
Data available?	Yes (District)
Data source	CT enacted a statewide mandate, which included schools and districts, throughout the 2020-21 school year.
Additional data details	The CT data reflect a masking policy in effect for staff and students across all districts for the full 2020-21 school year.
Version history	● 9/15/21: Masking file released.