COVID-19 School Data Hub

North Carolina
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.

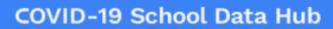**Overview of Learning Model Data from the COVID-19 School Data Hub**
The CSDH includes learning model data for K-12 public schools as provided by state agencies (e.g., departments of education or health), which can be accessed here: https://www.covidschooldatahub.com/. State data files do not include 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. 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	North Carolina Department of Public Instruction (DPI)	
Learning model statuses used by state (with definitions, if available)	**State Definition**	**CSDH Classification**
	Fully in-person	**In-person**
	Hybrid virtual schools offer a blend of in-person instruction with online activities, which may include synchronous and asynchronous instruction.	**Hybrid**
	Remote learning	**Virtual**
	Data not reported to DPI	**Blank**
Data time interval	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.	
Enrollment total	School-level The school-level EnrollmentTotal variable reflects North Carolina's K-12 enrollment for the 2020-21 school year for each school, as available from North Carolina's DPI. The variable is the sum of K-12 enrollment in the "Average Daily Membership and Membership Last Day by School (ADM & MLD)" file, accessible here: https://www.dpi.nc.gov/districts-schools/district-operations/financial-and-business -services/demographics-and-finances/student-accounting-data#average-daily-me mbership-and-membership-last-day-by-school-adm--mld. The official EnrollmentTotal for each school is applied across all time periods. District-level The district-level EnrollmentTotal variable reflects the sum of the K-12 enrollment included in the school-level file. Each district's EnrollmentTotal is applied across all time periods.	
Additional state learning model data details	Blank entries for a learning model classification for a given school or district in a given month reflect a lack of reported data. Enrollment data by learning model were not reported in this dataset. School-level learning model data North Carolina's learning model information was provided by the Department of Public Instruction (DPI). DPI collected statewide student-level monthly attendance data in PowerSchool, which was used to determine the number of monthly in-person, hybrid, and virtual days of instruction offered at the school level. CSDH determined a school's predominant learning model (reflected in the LearningModel variable) for a given month based on the instructional model offered for the greatest number of days during that time period.	

	District-level learning model data In the district-level file, learning models were classified based on the predominant learning model used by schools in the district. That is, the district was classified according to the model used by the *greatest number* of schools in a given month.
Staff counts	Staff counts are not available.
Version history	● 9/29/22: School and district file released.

B. COVID-19 Case Data

COVID-19 Case Data Details		
Data available?	Yes (School)	
Case count reporting	● Staff and students reported separately North Carolina reports the names of licensed school settings where there is an **ongoing cluster** and the number of positive cases and deaths for staff and students related to that cluster. A "cluster" is defined as **at least 5** positive cases identified within a 14-day period.	
Data time interval	Weekly	
Data suppression	North Carolina does not mask cases, but does report clusters, which must include at least 5 positive cases.	
Data source	[North Carolina Department of Health and Human Services:COVID-19 Outbreaks and Clusters](#)	
Variables used from original data	**Original Variable in State Data**	**CSDH Dataset Variable**
	Setting Type	Not mapped
	Setting County	Not mapped
	Facility	SchoolName
	Staff Cases	ActiveCasesStaff
	Staff Deaths	Not mapped
	Children Cases	ActiveCasesStudents
	Children Deaths	Not mapped
	Total Cases	ActiveCasesCombined
	Total Deaths	Not mapped
	Report Date	TimePeriodEnd and TimePeriodStart
Additional data details	We report ongoing cases for K-12 schools, and not for child care facilities or for cases that are considered over, which are also included in the state's report.	
Version history	● 9/15/21: Case data file released.	

C. Masking Data

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