Virginia
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	Multiple intervals used, 9/8/20-5/9/21
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	[Virginia Department of Education State Snapshot: Virginia School Operational Status](#)		
Learning model statuses used by state (with definitions, if available)	**State Definition**		**CSDH Classification**
	● **In Person:** 4+ days of in person instruction for all students		**In-person**
	● **Partial in Person:** 4+ days in person for some students (usually the younger grades); hybrid or remote for all other students ● **All Hybrid:** All students with some in person and some remote (none hitting the 4 days/week threshold) ● **Partial Hybrid:** Some students hybrid (usually the young grades; none hitting the 4 days/week threshold), all other fully remote		**Hybrid**
	● **Predominantly Remote:** Learning is remote for at least 95% of students and in person for all others. ● **Fully Remote** (including a small number of observations described as Fully Remote-a and Fully Remote-b)		**Virtual**
	[No Report]		**Blank**
Data time interval	Weekly, biweekly or monthly from 9/8/20 to 5/9/21		
Enrollment total	The EnrollmentTotal variable reflects each district's K-12 enrollment for the 2020-21 school year as of Sept 30, 2020, as provided by the Virginia Department of Education's Fall Membership Build-A-Table website at https://p1pe.doe.virginia.gov/apex/f?p=180:1:9674705132499. For each school or district, the official EnrollmentTotal is applied across all time periods.		
Additional state learning model data details	State Learning Model Classifications: Virginia schools sometimes provided different learning models within a school district; VDOE classifies the learning model used at the county level based on thresholds of the number of schools within a district offering a certain number of in-person or hybrid days per week.		
Staff counts	Staff counts sourced from https://www.doe.virginia.gov/teaching/workforce_data/index.shtml, in a document titled as "2020-2021 Number of Educators by Division, Race, and Ethnicity". The StaffCount variable draws from the "Total Counts" variable. The document notes that an "educator is defined as a teacher, school administrator, or other pupil personnel". This document had staff counts for all districts except Greensville County; the staff count in the standardized data set is blank for		

	observations from this district. Counts for the number of staff working in-person were not available.
Version history	● 9/15/21: District file released. ● 3/4/22: Time intervals updated to reflect Saturday-Sunday format.

B. COVID-19 Case Data

COVID-19 Case Data Details	
Data available?	Yes (School)
Case count reporting	● Staff and students reported together This dataset includes data reported to VDH on outbreaks that occurred in medical care facilities, residential or day programs licensed by Virginia Department of Health (VDH), Department of Social Services (DSS), or Department of Behavioral Health and Developmental Services (DBHDS), summer camps, and K-12th grade schools in Virginia. We only include cases from K-12 schools in our dataset.
Data time interval	Monthly
Data suppression	Cases <5 may be suppressed
Data source	VDH-COVID-19-PublicUseDataset-Outbreaks-In-Selected-Exposure-Settings
Variables used from original data	**Original Variable in State Data**	**CSDH Dataset Variable**

Variables used from original data	Original Variable in State Data	CSDH Dataset Variable
	SchoolName	SchoolName
	Locality	DistrictName
	NewCasesCombined	NewCasesCombined
	TimePeriodStart	TimePeriodStart
	TimePeriodEnd	TimePeriodEnd

Version history	● 9/15/21: Case data file released.

C. Masking Data

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