Louisiana
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	No	-	-
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	Yes
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	Not available		
School file	**Learning model** data available; enrollment by learning model data not available		
Data source	Louisiana Department of Children and Family Services (DCFS)		
Learning model statuses used by state (with definitions, if available)	**Total School Days in a Month**	**State Classification: Hybrid Enrollment**	**State Classification: Virtual Enrollment**
	18 days or more	1-8 days virtual learning	9 or more days virtual learning
	16-17 days	1-7 days virtual learning	8 or more days virtual learning
	14-15 days	1-6 days virtual learning	7 or more days virtual learning
	12-13 days	1-5 days virtual learning	6 or more days virtual learning
	10-11 days	1-4 days virtual learning	5 or more days virtual learning
	8-9 days	1-3 days virtual learning	4 or more days virtual learning
	5-7 days	1-2 days virtual learning	3 or more days virtual learning
	1-4 days	1 day virtual learning	2 or more days virtual learning
Data time interval	Monthly, from August 2020-May 2021		
Enrollment total	The EnrollmentTotal variable reflects Louisiana's K-12 enrollment data as of October 1, 2020, available from the Louisiana Department of Education here: https://www.louisianabelieves.com/resources/library/student-attributes. Our file excludes infant and preschool grade levels to derive the K-12 EnrollmentTotal figures in our standardized data set. *Note that for this reason, the total student enrollment count by learning model (i.e., EnrollmentInPerson + EnrollmentHybrid + EnrollmentVirtual) may slightly differ from the EnrollmentTotal, as the learning model counts may include PK students, while EnrollmentTotal does not.* For each school, the official EnrollmentTotal is applied across all time periods.		
Additional state learning model data details	Louisiana's learning model information was collected by the state's Department of Children and Family Services (DCFS) as part of the Pandemic Electronic Benefits Transfer program (P-EBT). DCFS was responsible for collecting information from school districts regarding each student's learning status, and for administering P-EBT benefits.		
	DCFS provided CSDH with information it collected from school districts about the number of students designated as participating in either hybrid or virtual instruction between August 2020-May 2021. **Between September 2020-May 2021, our operating assumption was that students who were not counted as receiving hybrid or virtual instruction were therefore receiving in-person instruction, reflected in the variable *EnrollmentInPerson*.** For August 2020, however, our operating assumption when EnrollmentHybrid + EnrollmentVirtual = 0 was that the districts (parishes) were closed for all or the majority of the month due to delayed		

starts, and *EnrollmentInPerson* was also applied as 0. These cases were validated.

The state did not provide predominant learning model information (only enrollment data were provided). For this reason, LearningModelStateCat is blank for all cases in the CSDH file. Based on the enrollment counts, CSDH learning model classifications were generated using the following parameters:

1. Virtual =
   a. If a school or district has **ONLY** virtual enrollment; *or*
   b. If a school or district has virtual enrollment representing **at least 90%** of the EnrollmentTotal
   c. If a school or district has virtual enrollment that is **at least 60%** of the EnrollmentTotal, but **less than 10%** enrollment in the in-person model and **less than 10%** in the hybrid model.

2. In-person =
   a. If a school or district has **ONLY** in-person enrollment; *or*
   b. If a school or district has in-person enrollment representing **10% or more** of the EnrollmentTotal.

3. Hybrid=
   a. If a school or district has **ONLY** hybrid enrollment; *or*
   b. If a school or district has hybrid enrollment representing **10% or more** of the EnrollmentTotal.

4. When distinguishing between whether to classify as **in-person or hybrid**, the learning model is categorized as whichever model has the **greatest number** of students enrolled.
   a. If there are "ties" in the # of enrolled students in two models, the learning model classification reflects the most in-person approach. In other words:
      o In-person/Virtual ties: Coded as **In-person**
      o In-person/Hybrid ties: Coded as **In-person**
      o Hybrid/Virtual ties: Coded as **Hybrid**

5. Closed =
   a. For August 2020, if EnrollmentHybrid + EnrollmentVirtual = 0, the LearningModel was assigned as "Closed" and EnrollmentInPerson was applied as 0. These parishes were confirmed to be closed in August 2020 for all or the majority of the month.
   b. if the sum of learning model enrollment is 0, missing, or <1% of EnrollmentTotal.
   c. For other months, if the sum of learning model enrollment <1% of EnrollmentTotal.

6. Blank/Unknown =
   a. If learning model enrollment counts were not provided to sufficiently determine the learning model classification. For example, if EnrollmentHybrid was missing and the virtual enrollment was 0 or <90%.

Staff counts	School-level staff counts from the 2020-21 school year are not available.
Version history	● 9/15/21: School file released for Feb-May 2021. ● 2/3/22: New school file posted to include the full school year (Aug 2020-May 2021), based on P-EBT data from DCFS data.

B. COVID-19 Case Data

COVID-19 Case Data Details		
Data available?	Yes (District)	
Case count reporting	Staff and students reported separately by region and parish. Cumulative case counts are provided for staff/faculty/volunteers and for students, as well as case counts for the given reporting period. We interpret these as CumulativeCases and NewCases.	
Data time interval	Weekly	
Data suppression	Louisiana represents cases <5 as a range (1-4)	
Data source	[Louisiana Department of Public Health: COVID-19 Information](#)	
Variables used from original data Version history	**Original Variable in State Data**	**CSDH Dataset Variable**
	Parish Name	DistrictName
	No. Enrolled Schools	Not mapped
	Total Cases: Faculty/Staff/Volunteer	CumulativeCasesStaff
	Total Cases: Student	CumulativeCasesStudents
	Cases Reported During Current Reporting Period: Faculty/Staff/Volunteer	NewCasesStaff
	Cases Reported During Current Reporting Period: Student	NewCasesStudents
	Region	Not mapped
	Report Date	TimePeriodEnd and TimePeriodStart
Version history	• 9/15/21: Case data file released.	

C. Masking Data

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