Arkansas
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	Yes	Monthly, Oct 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.

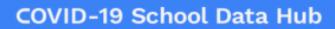**Overview of Learning Model Data from the COVID-19 School Data Hub**
The CSDH includes learning model data for K-12 public schools as provided by state agencies (e.g., departments of education or health), which can be accessed here: https://www.covidschooldatahub.com/. State data files do not include 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

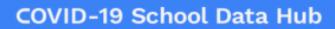| Learning Model Data Details		
District file	Not available	
School file	**Learning model** data and **enrollment by learning model** data available	
Data source	Arkansas Department of Education (ADE)	
Learning model statuses used by state (with definitions, if available)	**State Definition**	**CSDH Classification**
	• **Onsite/Traditional Learning:** Student attends full-time (100%) on-campus/on-site instruction during the typical school week.	**In-person**
	• **Hybrid/Blended Learning:** Student attends a combination of on-site and remote learning utilizing technology and blended learning resources (for students that do not fit onsite/traditional learning or virtual/remote learning options).	**Hybrid**
	• **Virtual/Remote Learning:** Student attends full-time (100%) off-site/remote utilizing technology resources for instruction.	**Virtual**
	• **Before/After Normal School Year**	**Closed**
	[No Report]	**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. School-level learning models were provided as part of the Arkansas Department of Education's Cycles 2 - 7 reporting cycles. Reporting dates and corresponding learning model classifications for these cycles include: • Cycle 2: October 1-15, 2020 - *Oct learning model* • Cycle 3: November 1-15, 2020- *Nov learning model* • Cycle 4: December 1-15, 2020- *Dec learning model* • Cycle 5: January 30-February 15, 2021- *Jan and Feb learning models* • Cycle 6: March 23-April 15, 2020- *Mar and Apr learning models* • Cycle 7: May 27-June 15, 2021- *May learning model*	
Enrollment total	The EnrollmentTotal variable presents the state's K-12 student enrollment data for the 2020-21 school year for each school (as of 10/16/20), as reported by ADE, available here: https://adedata.arkansas.gov/statewide/ReportList/Schools/EnrollmentByGrade.aspx. For each school, the official EnrollmentTotal is applied across all time periods. As the total is applied to the full school year, there may be differences between the EnrollmentTotal variable and the sum of the learning model enrollment counts.	
Additional state	Arkansas provided enrollment counts by learning model over 6 reporting cycles.	

learning model data details	Based on the enrollment counts, learning model classifications were generated using the following parameters:
	
	 1. Virtual =
	    a. If a school or district has virtual enrollment that is **more than 90%** of the total student enrollment (i.e., EnrollmentTotal)
	
	 2. In-person =
	    a. any school/district with **ONLY** in-person enrollment; *or*
	    b. any school/district with in-person **AND** virtual enrollment if in-person enrollment is 10% or more of the total learning model enrollment.
	
	 3. Hybrid=
	    a. any district with **ONLY** hybrid enrollment; *or*
	    b. any school/district with hybrid **AND** virtual enrollment if hybrid enrollment is 10% or more of the total learning model enrollment.
	
	 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 the in-person and hybrid models (or hybrid-virtual models), the learning model should be the one that 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. The learning model is left **blank** if total learning model enrollment <60% of EnrollmentTotal.

Staff counts	Staff counts include both certified and classified staff by school as of Oct 16, 2020. In-person staff counts for 2020-21 are not currently available.
Version history	● 9/15/21: School file released. ● 4/22/22: Time intervals updated. ● 5/23/22: TimePeriodStart updated.

B. COVID-19 Case Data

COVID-19 Case Data Details	
Data available?	Yes (District)
Case count reporting	- Staff and students reported together; and - Staff and students reported separately Arkansas reports total weekly active cases and cumulative faculty/staff and student cases counting from 6/15/2020.
Data time interval	No fixed interval, however reports include weekly active cases and cumulative cases since 6/15/2020.
Data suppression	Arkansas suppresses counts under 5.
Data source	Arkansas Department of Public Health: https://www.healthy.arkansas.gov/programs-services/topics/covid-19-reports
Additional data details	**Original Variable in State Data** / **CSDH Dataset Variable**

	Original Variable in State Data	**CSDH Dataset Variable**
	Name	DistrictName
	Type	Not mapped
	Active Cases	ActiveCasesCombined
	Cumulative Faculty/Staff Cases	CumulativeCasesStaff
	Cumulative Student Cases	CumulativeCasesStudents
	Cumulative Total	CumulativeCasesCombined
	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	COVID-19 School Data Hub (CSDH) Masking Survey
Additional data details	The masking data are provided from district leaders via the CSDH Masking Survey. In AR, the survey window was July 12-July 31, 2021. The survey was completed by 16% of respondents (*n*=40/254).
Version history	9/15/21: Masking file released.