**Colorado**

***COVID-19 School Data Details***

**COVID-19 School Data Summary**

| **Data Type** | **Available?** |
| --- | --- |
| A | Learning Model Status | Yes |
| Learning Model Enrollment | No |
| B | COVID-19 Case Data (school- or district-level) | Yes |
| C | Masking Policy Data | Yes |

Please see below for further details for each data type.

1. **Learning Model Status & Enrollment**

| **Learning Model Status Data Details** |
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| **Learning model status available?** | Yes |
| **Learning model enrollment available?** | No |
| **Reporting level** | District |
| **CSDH learning model definitions** | * **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.
 |
| **Learning model statuses used by state (with definitions, if available)** | **State Definition** | **CSDH Dataset Classification** |
| **In-person:** The District’s website has no mention of remote or hybrid learning taking place. | **In-Person** |
| **Hybrid:** The District’s website shows options available for students and their families to choose any mix between in-person and remote learning. |  **Hybrid** |
| **Remote:** The District’s website shows that at least one school at the designated level as being fully remote (e.g. if one elementary school is fully remote, the state categorized that district as Remote at the Elementary Level). | **Virtual** |
| **Data time interval** | Monthly.Reporting periods were provided by Colorado as at the first of each month from October through May; assumed to pertain to that month going forward. Time period start and end dates inferred accordingly. Note that no learning model data were reported for the month of September and that two schools were missing learning model data for one and three reporting periods each. |
| **Data source** | Colorado Department of Education |
| **Enrollment total** | The EnrollmentTotal variable is the K-12 school-level pupil membership for the 2020-2021 school year, as reported on the Colorado Department of Education website based upon the Student October 2020 count. |
| **Additional learning model data details** | Colorado DoE stated that learning model data by district were not collected as part of a formal data collection; rather, learning models were recorded based on publicly available data from district websites by DoE. Colorado reported its learning model data at the district grade band level. It reported data at the “Elementary” level (standardized as GrK5) and at the “Middle-High” level (we duplicated this data across both our standardized Gr68 and Gr912 variables). Colorado did not specify overall learning models for each district, just grade band-specific data. |
| **Staff counts** | Staff numbers (described in the original data as “2020-2021 Total Staff Head Count”) and total student enrollment (described in the original data as “Total K-12 Pupil Membership”) were matched to each district for each time period. |

1. **COVID-19 Case Data**

| **COVID-19 Case Data Details** |
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| **School- or district-level data available?** | Yes |
| **Reporting level** | School |
| **How case counts are reported:** | * Staff and students reported together; and
* Staff and students reported separately
 |
| **Data time interval** | No fixed reporting interval. New cases are reported over a 14 day period. TimePeriodStart represents the date the outbreak was reported to the Department of Public health. TimePeriodEnd represents the date that the outbreak was considered closed. |
| **Data masking information** | Colorado does not mask cases. |
| **Data source** | [Colorado Department of Public Health and Environment Outbreak Data](https://covid19.colorado.gov/covid19-outbreak-data) |
| **Additional data details** | Colorado focuses its reporting on outbreaks, which are defined as 2 or more cases in a location within 14 days. In addition, we have aggregated probable and confirmed cases, which were separated in the earliest period (October 14-December 23, 2020) but not in the most recent data. [COVID case mapping metadata document](https://docs.google.com/document/d/1Mbe-fKZfcXwGbiTho9htJJ_1pT8G_sHMr11dhQ1BheU/edit#heading=h.5yo8agjyba68) |

1. **Masking Policy Data**

| **Masking Data Details** |
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| **Available?** | Yes |
| **Reporting level** | District |
| **Data source** | CO enacted a statewide mandate, which included schools and districts, throughout the 2020-21 school year. |
| **Additional data details** | The CO data reflect a masking policy in effect for staff and students across all districts for the full 2020-21 school year, until May 14, 2021 (this date reflects the end of the state-level mask mandate). |