All data files are compressed in this repository to reduce the file sizes.
We use four datasets described below.

[COVID-19 Daily Confirmed Cases by County](): RAW_us_confirmed_cases.csv
This data is from the Kaggle repository of John Hopkins University COVID-19 data. It contains daily confirmed cases by county. It has Attribution 4.0 International (CC BY 4.0) license that allows the public to share and adapt.
Columns descriptions:
- Province_State: the province or the state.
- Admin2: the county name.
- UID: a region identifier.
- iso2: country. All rows are US for this dataset.
- iso2: country. All rows are USA for this dataset.
- FIPS: FIPS code of county.
- Country_Region: the country. All rows are US for this dataset.
- Lat: latitude.
- Long_: longitude.

[Masking mandates by county](). This data contains the local order status of mask mandates. It has Public Domain U.S. Government license and is available for public use.
Columns descriptions:
- State_Tribe_Territory: the state of region
- County_Name: the county name
- FIPS_State: FIPS code of the state
- FIPS_County: FIPS code of the county
- date: Daily date in dataset
- order_code: A requirement for individuals operating in a personal capacity to wear masks 1) anywhere outside their homes or 2) both in retail businesses and in restaurants/food establishments.
- Face_Masks_Required_in_Public: A requirement for individuals operating in a personal capacity to wear masks 1) anywhere outside their homes or 2) both in retail businesses and in restaurants/food establishments.
- Source_of_Action: Source where order was found
- URL: URL of order language used to complete dataset
- Citation: Citation for the order

[CDC COVID-19 Vaccinations Data by County](#). This data contains the percentage of population fully vaccinated vs. only one dose by age group and by county, as well as other information about vaccination status. It has Public Domain U.S. Government license and is available for public use.

Columns descriptions:

- Date: Date data are reported on CDC COVID Data Tracker
- FIPS: Federal Information Processing Standard State Code
- MMWR_Week: MMWR Week
- Recip_County: County of residence
- Recip_State: Recipient State
- Series_Complete_Pop_Pct: Percent of people who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction and county where recipient lives
- Series_Complete_Yes: Total number of people who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction and county where recipient lives
- Series_Complete_12Plus: Total number of people 12+ who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction where recipient lives
- Series_Complete_12PlusPop_Pct: Percent of people 12+ who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction where recipient lives
- Series_Complete_18Plus: Total number of people 18+ who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction and county where recipient lives
- Series_Complete_18PlusPop_Pct: Percent of people 18+ who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction and county where recipient lives
- Series_Complete_65Plus: Total number of people 65+ who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction where recipient lives
- Series_Complete_65PlusPop_Pct: Percent of people 65+ who are fully vaccinated (have second dose of a two-dose vaccine or one dose of a single-dose vaccine) based on the jurisdiction where recipient lives
- Completeness_pct: Represents the proportion of fully vaccinated people whose Federal Information Processing Standards (FIPS) code is reported and matches a valid county FIPS code in the jurisdiction.
- Administered_Dose1_Recip: People with at least one Dose by State of Residence.
- Administered_Dose1_Pop_Pct: Percent of Total Pop with at least one Dose by State of Residence

- Administered_Dose1_Recip_12Plus: People 12+ with at least one Dose by State of Residence
- Administered_Dose1_Recip_12PlusPop_Pct: Percent of 12+ Pop with at least one Dose by State of Residence
- Administered_Dose1_Recip_18Plus: People 18+ with at least one Dose by State of Residence
- Administered_Dose1_Recip_18PlusPop_Pct: Percent of 18+ Pop with at least one Dose by State of Residence
- Administered_Dose1_Recip_65Plus: People 65+ with at least one Dose by State of Residence
- Administered_Dose1_Recip_65PlusPop_Pct: Percent of 65+ Pop with at least one Dose by State of Residence
- SVI_CTGY: SVI
- Series_Complete_Pop_Pct_SVI: Percent of Population Fully Vaccinated/SVI
- Series_Complete_12PlusPop_Pct_SVI: Percent of 12+ Pop Fully Vaccinated/SVI
- Series_Complete_18PlusPop_Pct_SVI: Percent of 18+ Pop Fully Vaccinated/SVI
- Series_Complete_65PlusPop_Pct_SVI: Percent of 65+ Pop Fully Vaccinated/SVI
- Metro_status: Metro/Non-metro
- Series_Complete_Pop_Pct_UR_Equity: Percent of Population Fully Vaccinated/MetroNon-Metro
- Series_Complete_12PlusPop_Pct_UR_Equity: Percent of 12+ Pop Fully Vaccinated/MetroNon-Metro
- Series_Complete_18PlusPop_Pct_UR_Equity: Percent of 18+ Pop Fully Vaccinated/MetroNon-Metro
- Series_Complete_65PlusPop_Pct_UR_Equity: Percent of 65+ Pop Fully Vaccinated/MetroNon-Metro

[Mask compliance survey data](). This data includes voluntary responses to an online survey of frequency of wearing masks. This data is licensed under the same terms as our Coronavirus Data in the United States data and it is available for general public use.

Columns descriptions:
- COUNTYFP: The county FIPS code.
- NEVER: The estimated share of people in this county who would say never in response to the question "How often do you wear a mask in public when you expect to be within six feet of another person?"
- RARELY: The estimated share of people in this county who would say rarely
- SOMETIMES: The estimated share of people in this county who would say sometimes
- FREQUENTLY: The estimated share of people in this county who would say frequently
- ALWAYS: The estimated share of people in this county who would say always