New Lab COVID-19 Data Hack

Center on Rural Innovation Data

Here is a list of datasets you can use. Each one links to a preview page to explore the data in a table and a map. You can also download the data in various formats and access it via the API.

Healthcare Infrastructure

- U.S. Hospitals (point locations and 40 minutes drive time layers)
  - Data: definitive_healthcare_hospital_beds
  - Data: definitive_healthcare_hospital_drivetime
  - Data: cori_master_closed_hospitals_dataset_preliminary_v0_2
  - Data: cori_master_closed_hospitals_dataset_drive_time
- U.S. Healthcare Physicians (Critical Staff)
  - Data: hospital_critical_staff

Other Infrastructure

- Transportation
  - Roads and highways: tl_2018_us_primaryroads
  - Airports: public_airports
  - Amtrak lines and stations
    - Lines: amtrak_routes
    - Stations: amtrak_stations
- Broadband Data
  - 2014-2018 upload: broadband_byblock_us_ts_2014dec_2018dec_pg_u_s0_0005
  - 2018 25/3: broadband_25_3_by_state

U.S. County-level composite table

Data: attr_county_health_v0_2 (Codebook)
- Aggregated healthcare infrastructure statistics
- Healthcare coverage
- Demographics (small subset)
- Socio-economic indicators (small subset)
- Broadband data
- Remote work
- Commute time
- Rural definitions
- Second homes

Metadata

- [Codebook](#) - Field level details for each layer
- [Databook](#) - Overview of the datasets we used in these layers.

County Preparedness Score (the data used in New Lab's [COVID Tracker](#))

- Carto Map: [link](#)
- Data: [county_preparedness_score_v0_5](#)
- Methodology: [link](#)

API

All of CORI's data is hosted on a CARTO server, which exposes a RESTful API for both SQL queries and Map tile requests.

API Key = **default_public**

SQL API:

You can read [the docs for the CARTO API here](#).
- [Here's a demo API call](#) you can paste in your browser to test.
- [Here's a Javascript class we've used to fetch data](#) (used in the custom map below)

Creating a custom web map

Use [this starting code on GitHub](#)

Additional Data and Resources

[Foursquare Data](#)
[Graph Commons](#)
[Numina Data](#)
[Center on Rural Innovation Carto COVID Maps](#)