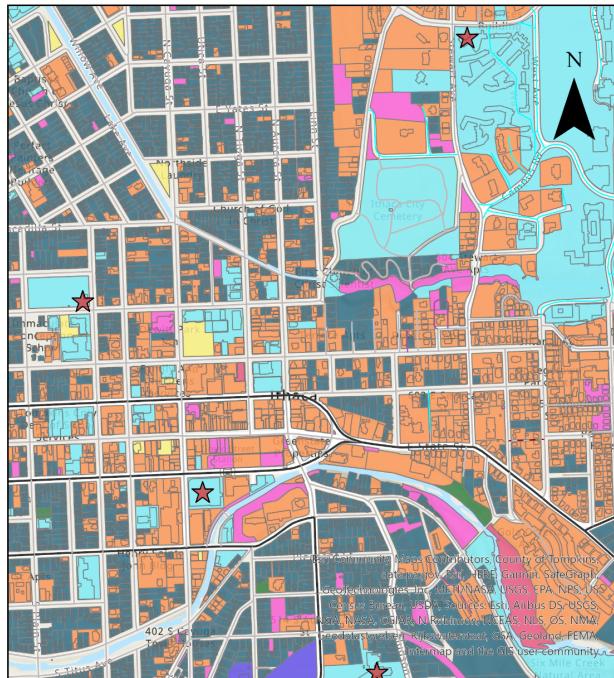


Part One - Making Maps

## Map of Ithaca's Land Use

Highlighting road ownership, land use category, and polling locations

0 0.25 0.5 Miles



## River Strumwasser

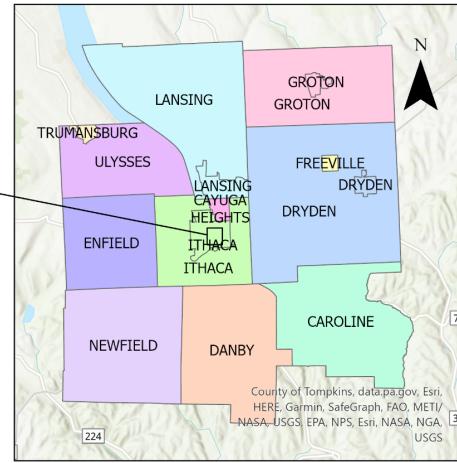
8/31/2023

★ Polling Location

Tompkins County Roads

- City of Ithaca
- Private
- NYS DOT
- - Not Maintained
- Cornell University
- Ithaca College

0 5 10 Miles



## Tompkins County School Access

Highlighting road type and school district distribution

Tompkins County Roads

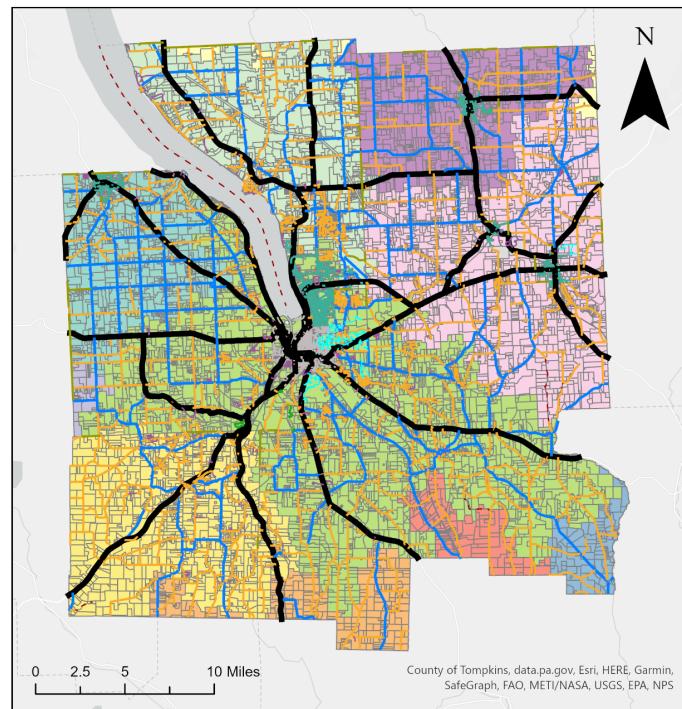
- NYS DOT
- Tompkins County
- City of Ithaca
- Private
- Shared
- State Park
- - Not Maintained
- Cornell University
- Ithaca College
- TC3
- Caroline
- Town of Danby
- Town of Dryden
- Town of Enfield
- Town of Groton
- Town of Ithaca
- Town of Lansing
- Town of Locke
- Town of Newfield
- Town of Ulysses
- Cayuga Heights
- Village of Dryden
- Village of Freeville
- Village of Groton
- Village of Lansing
- Village of Trumansburg

School Districts

- |        |
|--------|
| 110200 |
| 113001 |
| 442001 |
| 492401 |
| 492602 |
| 493401 |
| 500700 |
| 502401 |
| 502427 |
| 502801 |
| 503201 |
| 503401 |
| 503601 |
| 53001  |
| 54201  |

## River Strumwasser

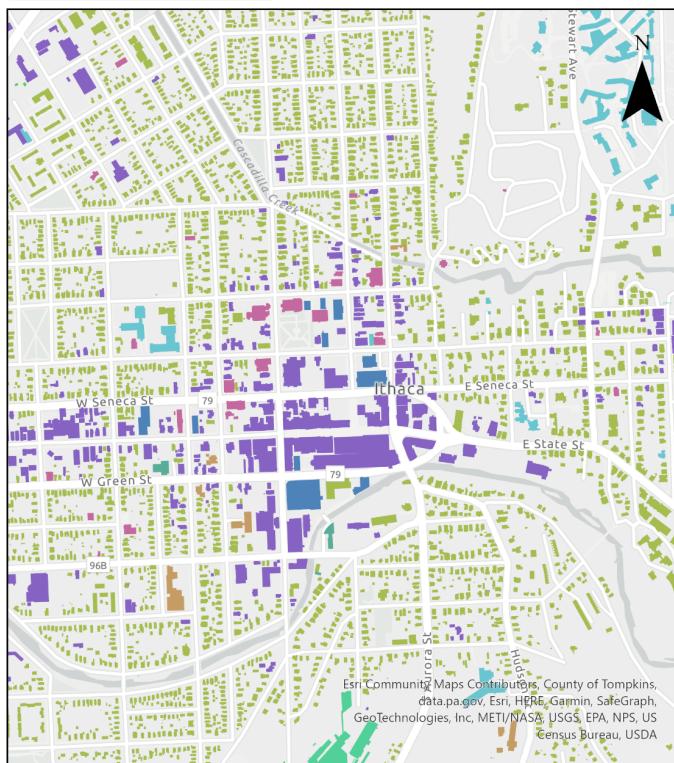
8/31/2023



## Downtown Ithaca's Building Types

Highlighting the purpose of buildings in downtown Ithaca

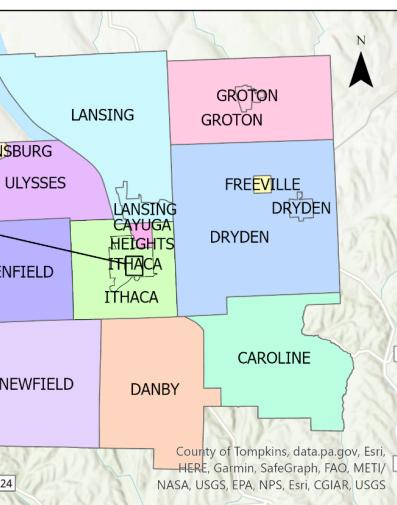
0 0.2 0.4 Miles



### Building Category

- GOVERNMENT AND MILITARY
- HEALTH AND MEDICAL
- ENERGY
- WATER SUPPLY AND TREATMENT
- NURSING HOME AND ELDERCARE FACILITIES
- PUBLIC ATTRACTIONS AND LANDMARK BUILDINGS
- TRANSPORTATION FACILITIES
- INDUSTRY

0 5 10 Miles



County of Tompkins, data.pa.gov, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

## River Strumwasser

8/31/2023

## City of Ithaca's Polling

Highlighting polling stations and their road accessibility

0 0.5 1 Miles

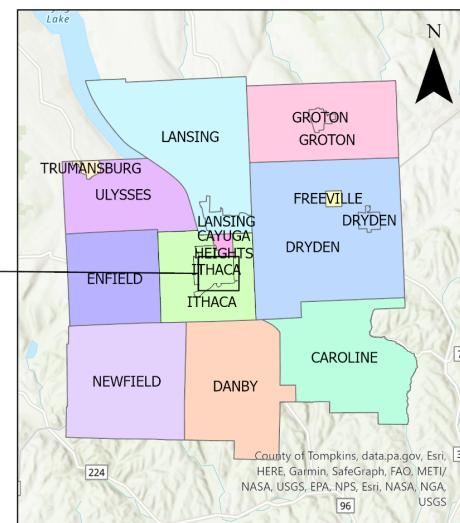
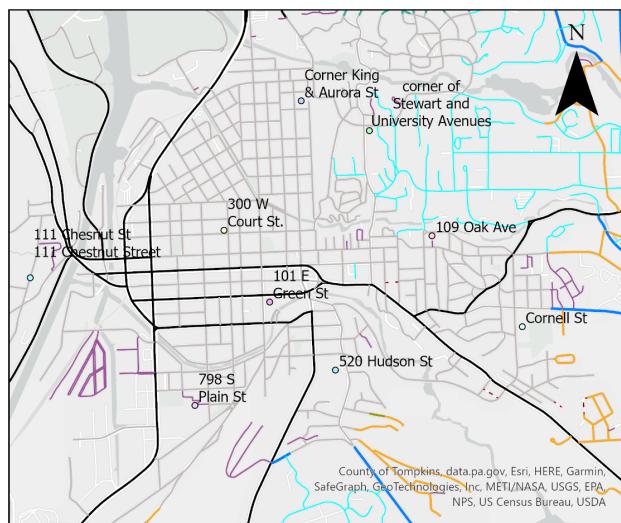
### Polling Location Addresses

- 101 E Green St
- 109 Oak Ave
- 111 Chestnut St
- 300 W Court St.
- 520 Hudson St
- 798 S Plain St
- Cornell St
- Corner King & Aurora St
- Corner of Stewart and University Avenues

### Tompkins County Roads

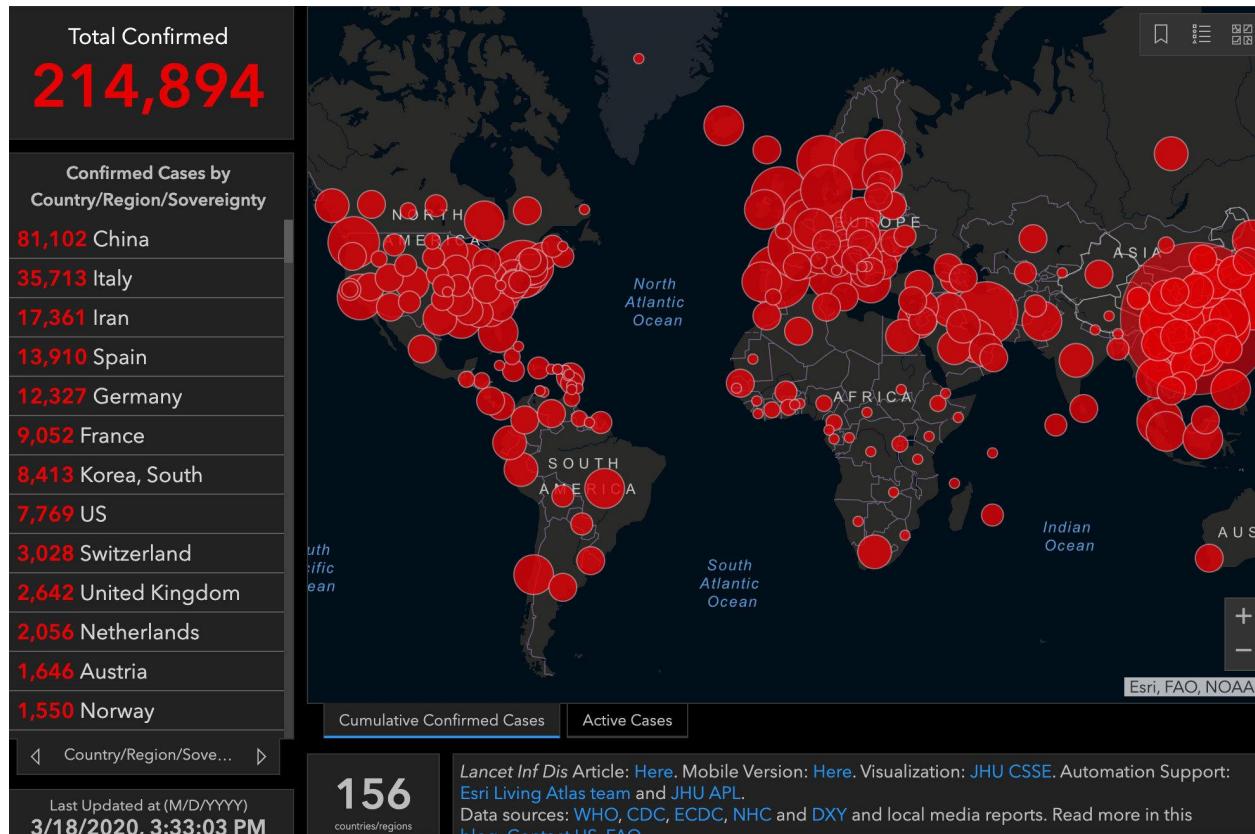
- NYS DOT
- Tompkins County
- City of Ithaca
- Private
- Shared
- - Not Maintained
- Cornell University
- Ithaca College
- Town of Ithaca
- Cayuga Heights

0 5 10 Miles



County of Tompkins, data.pa.gov, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Esri, NASA, NGA, USGS

## Part Two: Critiquing a Map



The map I chose to critique is Johns Hopkins's COVID-19 case map. Every American spent hours looking at this map at the beginning of the pandemic — and I always had some issues with it.

The map's design is quite effective. It uses a circle-size scale logically corresponding to COVID cases, and although this marker can be difficult to analyze with higher numbers, it still represents the data relatively well, especially compared to other indicators that can be used.

However, the map has three notable traits that hinder its ability to represent the state of the pandemic at a given present time period. First of all, a population and population density comparison would successfully tell someone reading this map about the concentration of cases

across a population, rather than a flat number. Second of all, the geographic placement of COVID cases is limited to large divisions by area depending on the country reporting, which can make COVID appear to be distributed across a region, while it's concentrated to one smaller area in reality. This can be misleading for those in the COVID and non-COVID impacted places.

Third of all, the map displays all COVID cases rather than recent ones, which can make a place where COVID is dying down seem to be at higher risk, and conceal areas where COVID is rapidly emerging. Despite these flaws, the map is quite concise and does not give unnecessary information that can further confuse people.

I would like to incorporate the idea that aesthetic presentation can provide important information about a map into my own. This map does an excellent job at using a black and red color scheme to convey a sense of danger, while the maps I created have colors chosen for clarity purposes rather than informative ones. However, I'd like to further acquaint myself with different ways of displaying data using maps, as I'm sure there may be a better way to display distribution than with logistic circles.