Covid-19 Florida Geospatial Resources

April 20, 2020

All content that has been added since the last version will have a green highlight within each section.

Please share this reference document as needed.

- *Click here if you would like to be added to the distribution list to receive future updates.*
- *We expect to send out new updates each Monday afternoon, or as new resources become available.*
- *This document will be saved on the GIO web site. FloridaGIO.GOV*
- *This resource will not contain vendor-specific links. Please contact your vendors for any resources they may be providing for the geospatial community's COVID-19 response.*

Florida Department of Health (DOH):

1. Due to the large volume of COVID-19 related spatial data shared by FDOH, we want to provide a detailed reference beyond this Florida overview. We are asking interested users to register for a more in-depth FDOH e-mail here. The DOH GIS Manager maintains a Data Users Listserv for the data published through DOH for the event. Participants to the list serve will receive information including data, schema, and other changes to the data sources.

2. Special note to University research partners: Please email Nikole Kikuchi about data agreements for accessing Merlin data for research.

3. Rebekah Jones, GIS Manager
   Florida Department of Health
   Division of Disease Control and Health Protection
   O: 850-245-4389 E: Rebekah.Jones@FLHealth.gov

4. Here's the "approved" text we send out to data users inquiring about using the data, and the appropriate links:
   a. Accessing county and case-line level data:

      The Florida Department of Health publishes two feature services that are available for public use. These two layers are the only official and authoritative data counts published by the Department of Health.

      - The case-line data for Florida can be accessed as a hosted table:
        https://services1.arcgis.com/CY1LXxl9zlJeBuRZ/arcgis/rest/services/Florida_COVID19_Case_Line_Data/FeatureServer
        https://fdoh.maps.arcgis.com/home/item.html?id=f5d69a918fb747019734d9a90cd602f4#overview

      - The map feature service layer can be accessed here:
        https://fdoh.maps.arcgis.com/home/item.html?id=a7887f1940b34bf5a02c6f7f27a5cb2c

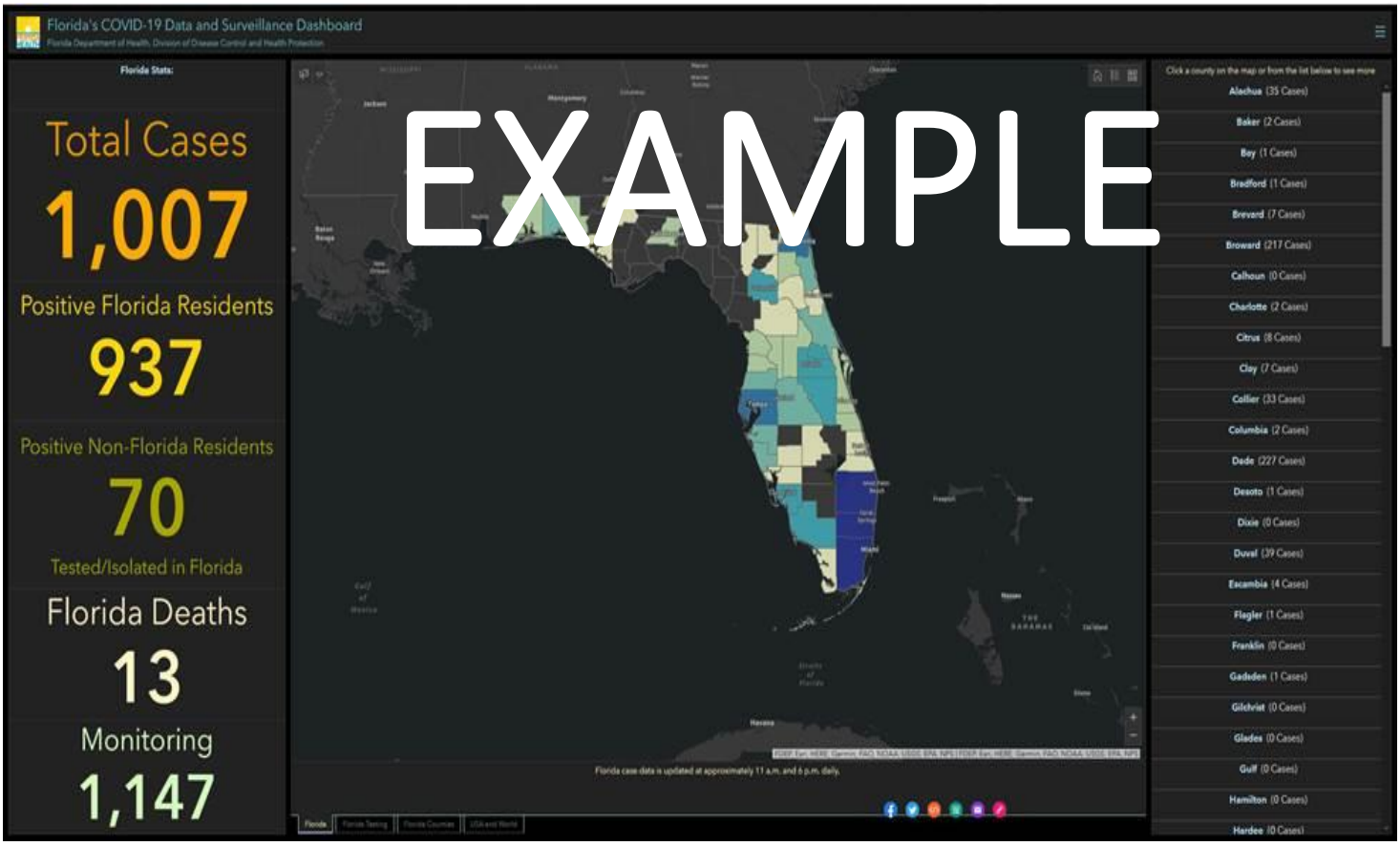
b. **We ask that you use the short link** to our application built in Experience Builder, as we've configured it to auto-detect the type of device used to access the data and re-route the user to the appropriate dashboard layout based on the user's device. The short link is: https://arcg.is/0Hfi5O

c. **Additionally, you can create a scaled version** of our application to embed into your own native environment by clicking the "<>" embed code at the bottom of the dashboard (inexperience builder – desktop only).

d. **Please credit the Florida Department of Health** - GIS Office with any representation of the map or dashboard.

5. Landing page: https://floridahealthcovid19.gov/

6. Dashboard



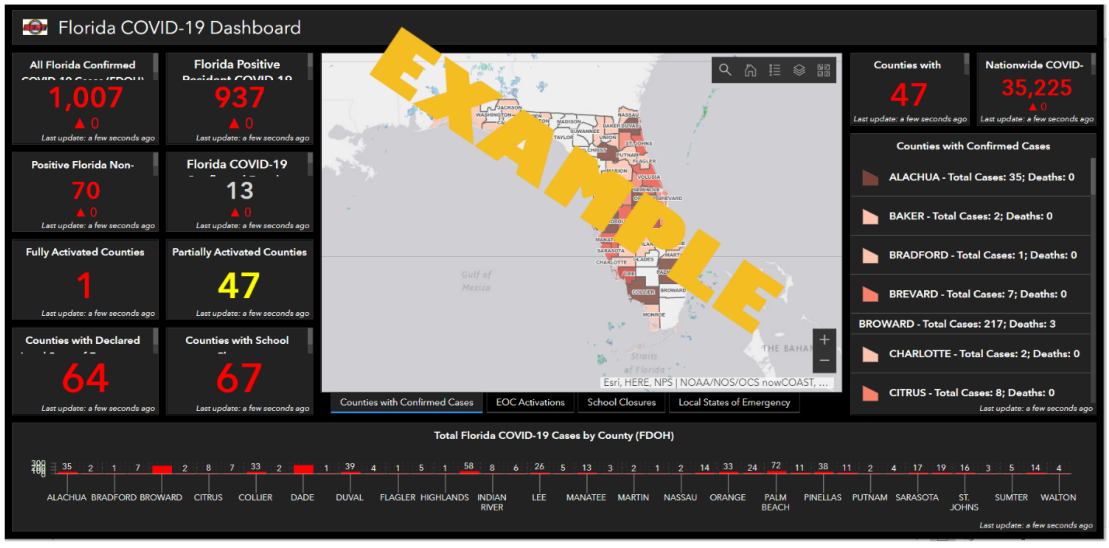
From the Florida Division of Emergency Management (DEM):

1. Florida Healthcare Capacity Dashboard - https://arcg.is/1zn9e9

1. ESRI CHIME Model v. 1.1.1 - https://www.arcgis.com/home/item.html?id=37ad6eb0d1034cd58844314a9b305de2

2. ESRI CHIME Model Introduction Video - https://www.youtube.com/watch?v=hMa5XPCjDDE

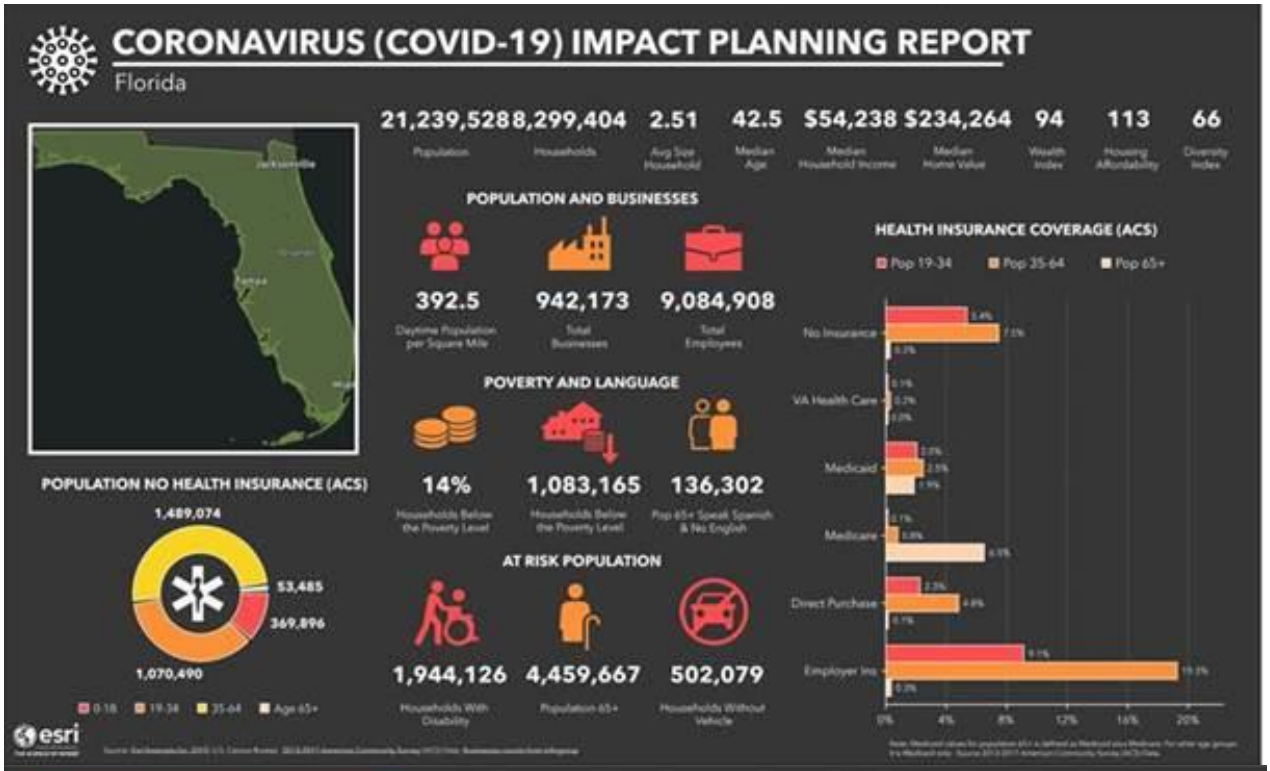
3. FDEM Florida COVID-19 Dashboard - https://arcg.is/0jPnWW

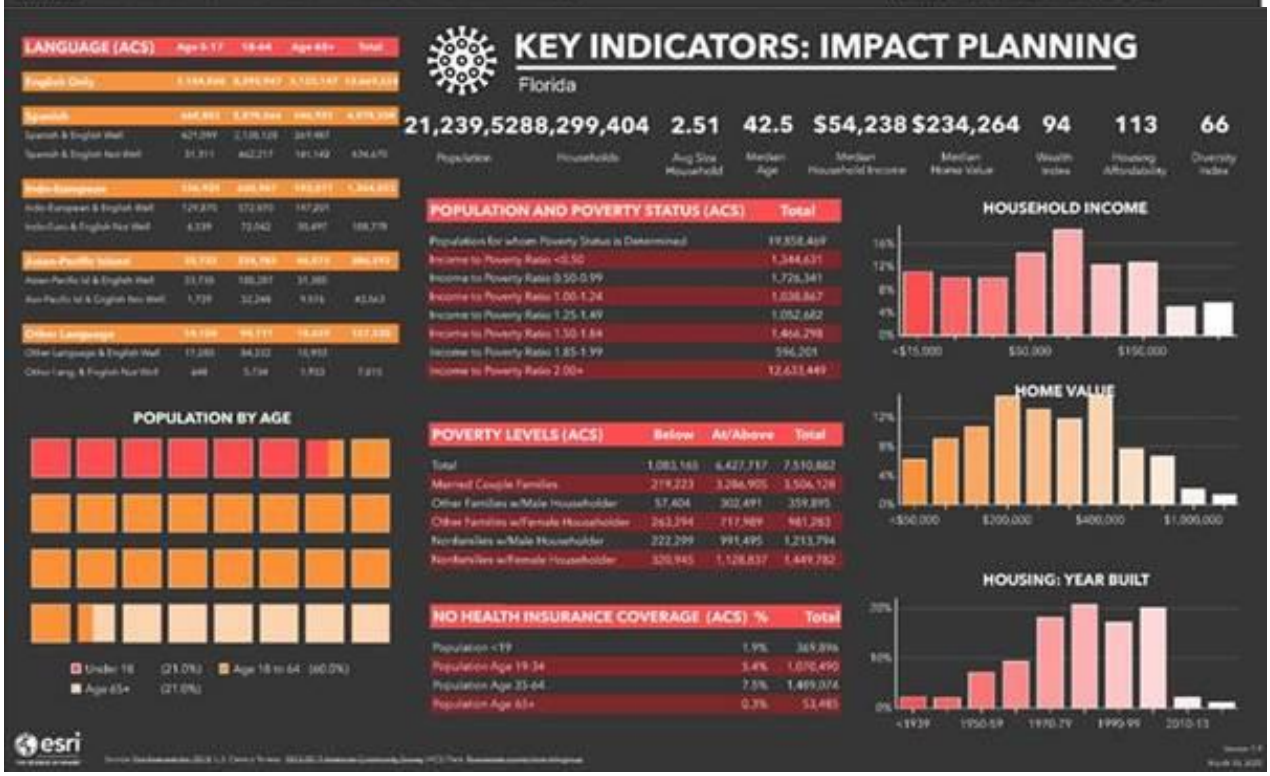


4. FDEM COVID-19 Info Page - https://www.floridadisaster.org/covid19

5. Florida COVID-19 Planning Reports – https://maps.floridadisaster.org/covid19/
   For additional planning products to help support your response to COVID-19, FDEM GIS has created Statewide and individual County planning report infographics that include information on demographics, at risk populations counts, poverty and language counts/percentages, health care insurance coverage counts, business/employee counts, and additional economic key indicators. This data is sourced from Esri forecasts for 2019, , information from the 2013-2017 American Community Survey (ACS), and Businesses counts from Infogroup. Each State and County includes a report in both a PDF and HTML file. The HTML file provides the ability to interact with the report to drill down on additional information contained within each element of the report.

   Sample Planning Report: (next page)


CORONAVIRUS (COVID-19) IMPACT PLANNING REPORT
Florida
21,239,528 Population
8,299,404 Households
2.51 Avg Size Household
42.5 Median Age
$54,238 Median Household Income
$234,264 Median Home Value
94 Wealth Index
113 Housing Affordability
66 Diversity Index
POPULATION AND BUSINESSES
392.5 Daytime Population per Square Mile
942,173 Total Businesses
9,084,908 Total Employees
POVERTY AND LANGUAGE
14% Households Below the Poverty Level
1,083,165 Households Below the Poverty Level
136,302 Pop 65+ Speak Spanish & No English
AT RISK POPULATION
1,944,126 Households With Disability
4,459,667 Population 65+
502,079 Households Without Vehicle
HEALTH INSURANCE COVERAGE (ACS)
Pop 19-34
Pop 35-64
Pop 65+
No Insurance
VA Health Care
Medicaid
Medicare
Direct Purchase
Employer Ins
POPULATION NO HEALTH INSURANCE (ACS)
1,489,074
53,485
369,896
1,070,490
0-18
19-34
35-64
Age 65+
esri


KEY INDICATORS: IMPACT PLANNING
Florida
21,239,528 Population
8,299,404 Households
2.51 Avg Size Household
42.5 Median Age
$54,238 Median Household Income
$234,264 Median Home Value
94 Wealth Index
113 Housing Affordability
66 Diversity Index
LANGUAGE (ACS)
POPULATION AND POVERTY STATUS (ACS) Total
HOUSEHOLD INCOME
POPULATION BY AGE
POVERTY LEVELS (ACS) Below At/Above Total
HOME VALUE
NO HEALTH INSURANCE COVERAGE (ACS) % Total
HOUSING: YEAR BUILT
esri

FDACS
https://fdacs.gov/covid19

FDOT
https://www.fdot.gov/agencyresources/emergency.shtm

FDEP
All State Parks closing 3/23/20

South Florida WMD Response
https://www.sfwmd.gov/ (updated URL)

Southwest Florida WMD Response
https://www.swfwmd.state.fl.us/about/covid-19-update

St Johns River WMD Response
https://www.sjrwmd.com/

Suwannee River WMD Response
http://www.mysuwanneeriver.com/CivicAlerts.aspx?AID=714

Northwest Florida WMD Response
https://www.nwfwater.com/Contact-Us/Newsroom/Press-Releases/COVID-19-update-District-to-close-reservation-campsites-developed-recreation-areas

Events:

https://www.floridagio.gov/pages/florida-gis-community

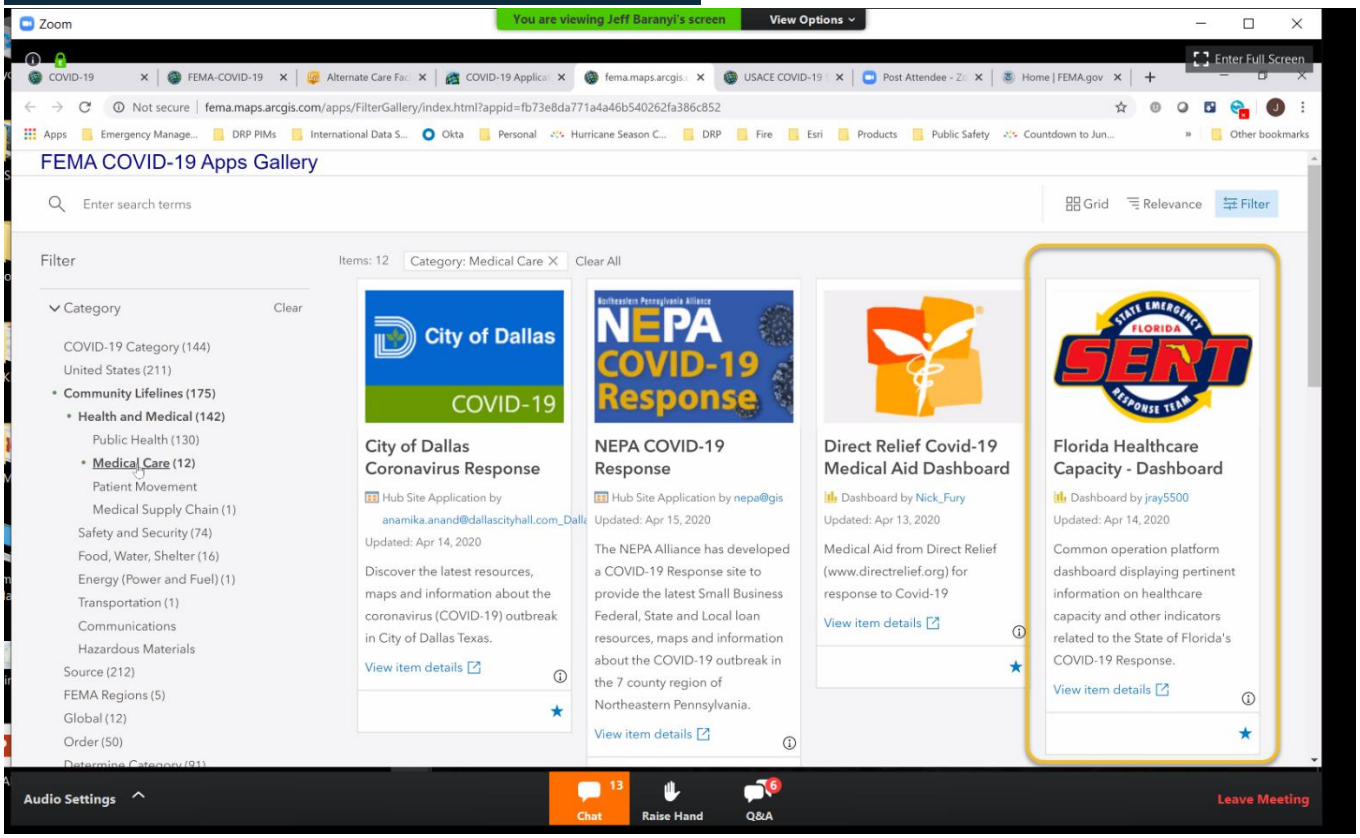
If you wish to share updates on the status of your GIS Community events, please e-mail FloridaGIO@FloridaDEP.GOV

For ESRI Users:

If any support is needed related to COVID-19, go through the ESRI Disaster Response Program:
https://www.esri.com/en-us/disaster-response/overview

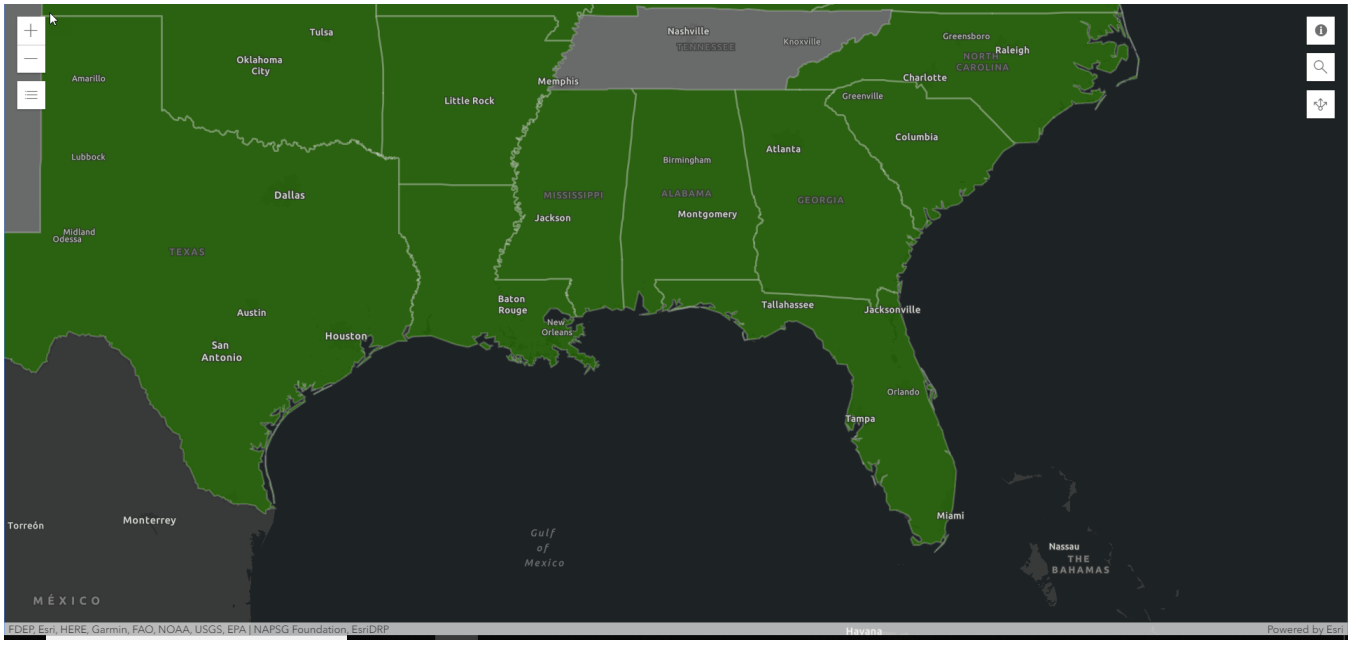
State Geographic Information Office:

FDOH, FDEM, and the GIO are participating in FEMA / CDC Geospatial briefings to coordinate Federal and State efforts. Please e-mail the GIO with any specific requests or questions. We are sharing the most recent weekly meeting slides (large .pdf, may take a while to download and review). From the April 15th call.



A multi-state reference:

1. including Alabama and Georgia, from the National States Geographic Information Council (NSGIC): Interactive Map

COVID-19 STATE-LEVEL GEOSPATIAL RESOURCES

Use the interactive map below to access publicly available state-level GIS viewers and dashboards made available to support COVID-19 response. Additional state-level resources will be added to this map as they become available.