Covid-19 Florida Geospatial Resources

March 30, 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.*

FDOH: A note from Rebekah Jones, DOH GIS Manager:

Here's the "approved" text we send out to data users inquiring about using the data, and the appropriate links:

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.

1. 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
   a. About page: https://fdoh.maps.arcgis.com/home/item.html?id=f5d69a918fb747019734d9a90cd602f4#overview

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

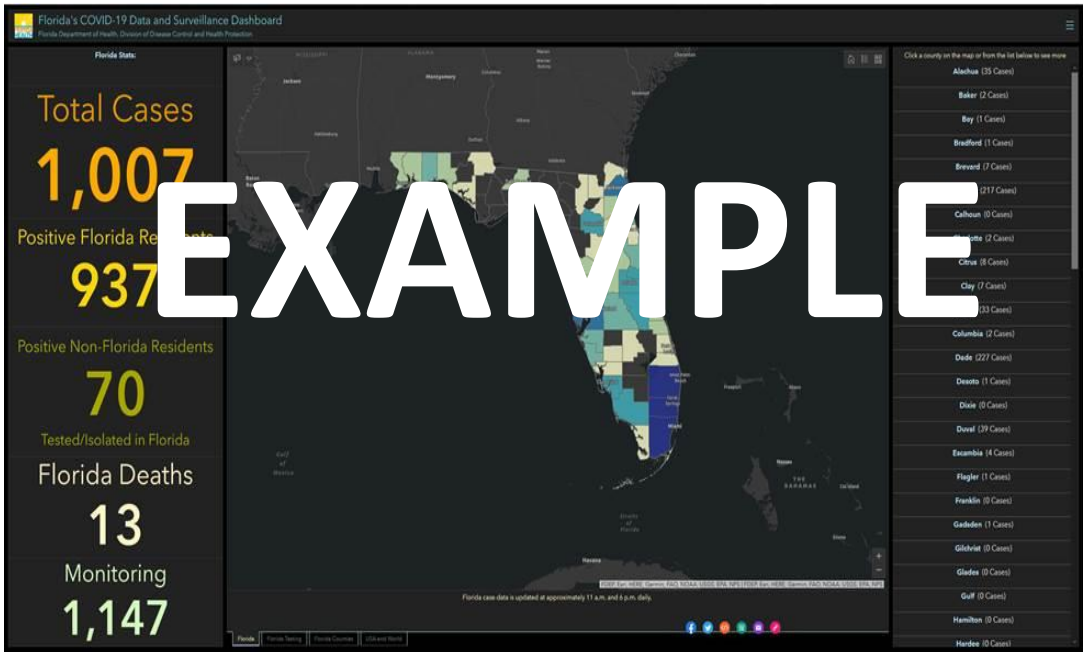
We ask that you use the short link to our application built in Experience Builder, as we've configured it to auto-detect the type of device used to access the data, and re-route the user to the appropriate dashboard layout based on the user's device. The short link is: https://arcg.is/0Hfi5O

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 (in experience builder – desktop only).

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

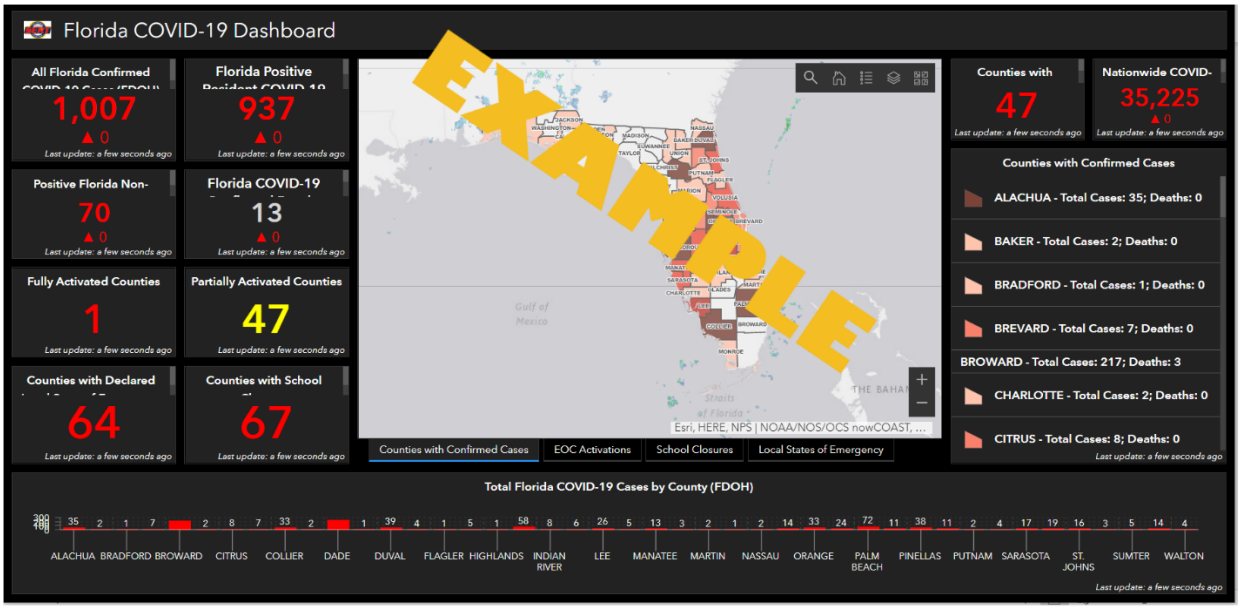
1. Landing page: https://floridahealthcovid19.gov/

2. Dashboard (see next page for example)



From FDEM:

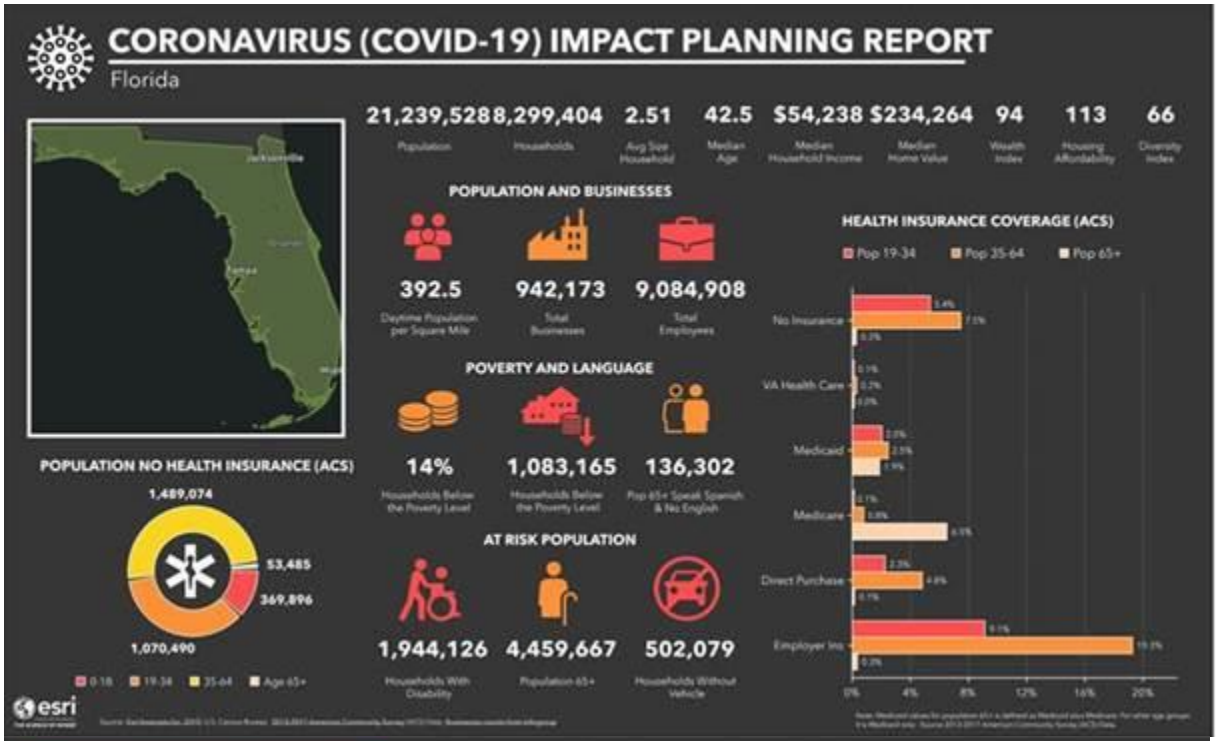
1. FDEM Florida COVID-19 Dashboard - https://arcg.is/0jPnWW

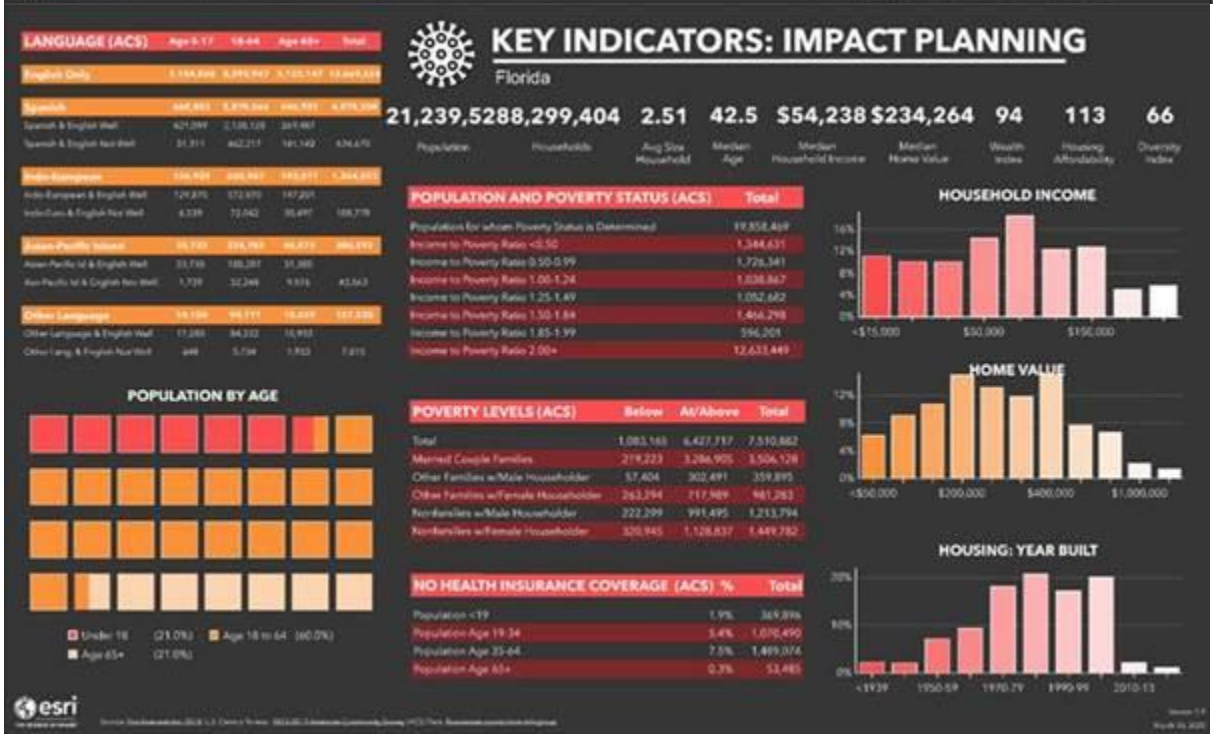


2. FDEM COVID-19 Info Page - https://www.floridadisaster.org/covid19

3. 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 8,299,404 2.51 42.5 $54,238 $234,264 94 113 66
Population Households Avg Size Household Median Age Median Household Income Median Home Value Wealth Index Housing Affordability Diversity Index
POPULATION AND BUSINESSES
392.5 942,173 9,084,908
Daytime Population per Square Mile Total Businesses Total Employees
POVERTY AND LANGUAGE
14% 1,083,165 136,302
Households Below the Poverty Level Households Below the Poverty Level Pop 65+ Speak Spanish & No English
AT RISK POPULATION
1,944,126 4,459,667 502,079
Households With Disability Population 65+ 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 8,299,404 2.51 42.5 $54,238 $234,264 94 113 66
Population Households Avg Size Household Median Age Median Household Income Median Home Value Wealth Index Housing Affordability Diversity Index
LANGUAGE (ACS)
POPULATION AND POVERTY STATUS (ACS) Total
Population for whom Poverty Status is Determined 19,858,469
Income to Poverty Ratio <0.50 1,344,631
Income to Poverty Ratio 0.50-0.99 1,726,341
Income to Poverty Ratio 1.00-1.24 1,038,867
Income to Poverty Ratio 1.25-1.49 1,052,682
Income to Poverty Ratio 1.50-1.84 1,466,298
Income to Poverty Ratio 1.85-1.99 596,201
Income to Poverty Ratio 2.00+ 12,633,449
HOUSEHOLD INCOME
<$15,000 $50,000 $150,000
POPULATION BY AGE
Under 18 (21.0%) Age 18 to 64 (60.0%)
Age 65+ (21.0%)
POVERTY LEVELS (ACS) Below At/Above Total
Total 1,083,165 6,427,717 7,510,882
Married Couple Families 219,223 3,286,905 3,506,128
Other Families w/Male Householder 57,404 302,491 359,895
Other Families w/Female Householder 263,294 717,989 981,283
Nonfamilies w/Male Householder 222,299 991,495 1,213,794
Nonfamilies w/Female Householder 320,945 1,128,837 1,449,782
HOME VALUE
<$200,000 $200,000 $400,000 $1,000,000
NO HEALTH INSURANCE COVERAGE (ACS) % Total
Population <19 1.9% 369,896
Population Age 19-34 5.4% 1,070,490
Population Age 35-64 7.5% 1,489,074
Population Age 65+ 0.3% 53,485
HOUSING: YEAR BUILT
<1939 1950-59 1970-79 1990-99 2010-13
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

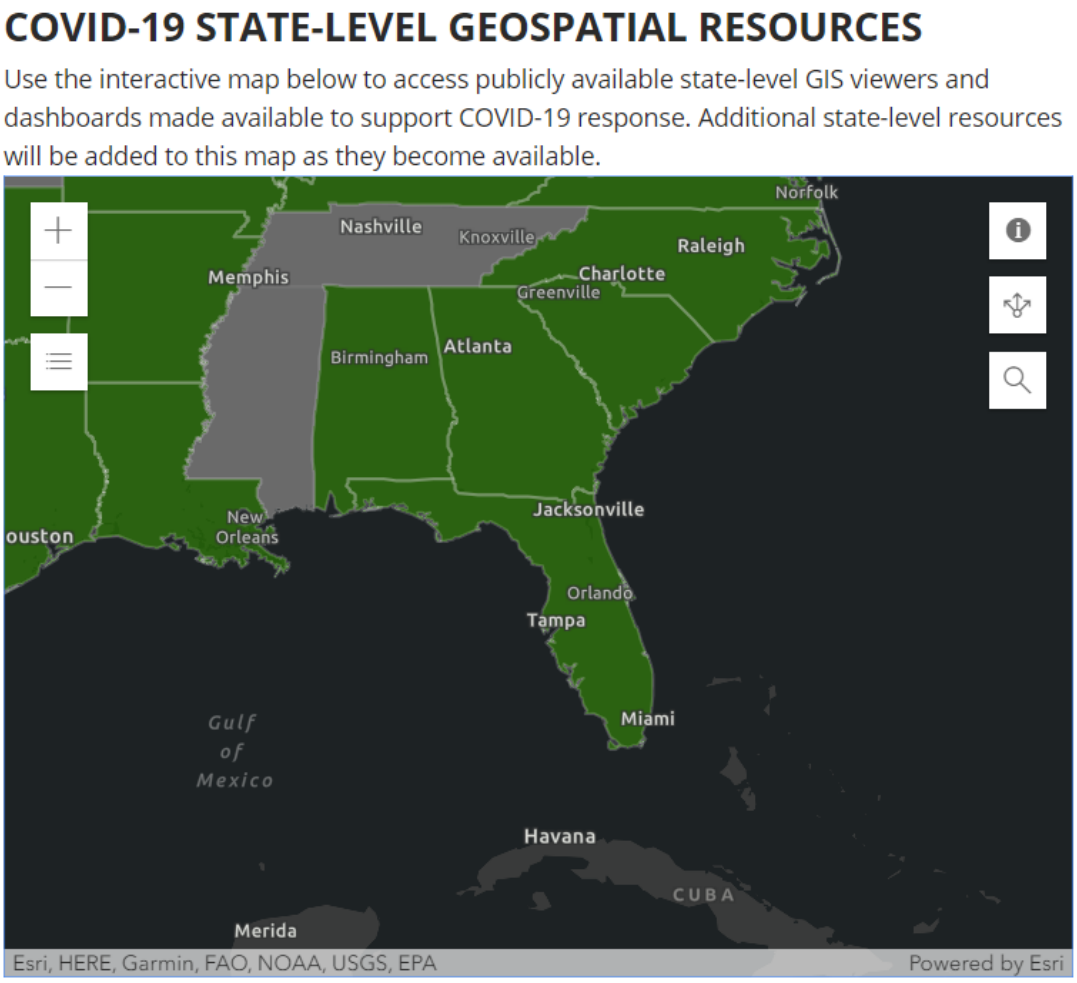
Events:

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

A multi-state reference

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