



Data, maps and graphics shown in the Florida COVID-19 Data and Surveillance Dashboard are maintained and published by the GIS Office at the Florida Department of Health. To see more from DOH-GIS, [click here](#).

To learn more about our COVID-19 resources, visit [FLHealth.gov](https://www.flhealth.gov).

To reach the Florida Department of Health COVID-19 hotline, operated as a toll-free help line that you can reach 24 hours a day, 7 days a week at, call:

1 (866) 779-6121

Contact information:

For general inquiries and questions related to COVID-19, please email COVID-19@FLHealth.gov or call the DOH hotline at: 1 (866) 779-6121

All press inquiries should be directed to the ESF-14 Communication team, at ESF14@em.myflorida.gov.

For issues or problems with the map or dashboard, more information about the detailed map definitions or schema, or to [be added to our email list for notices about updates to our feature services](#), please contact GIS@flhealth.gov .

Information about the Data and Surveillance Dashboard:

Data Definitions:

Total Cases: The total (sum) number of Persons Under Investigation (PUI) who tested positive for COVID-19 while in Florida, as well as Florida residents who tested positive or were exposed/contagious while outside of Florida, and out-of-state residents who were exposed, contagious or tested in Florida.

Deaths: The total number of Florida residents who have died with positive COVID-19 tests. Includes Florida Residents who died or were tested, infectious and/or exposed while outside of Florida.

Monitored persons: People the Florida Department of Health was notified of for possible monitoring because they are a contact of a case, recently traveled to an area with community spread, or were identified by the Centers for Disease Control and Prevention (CDC) as a part of an airline/ship contact investigation. Not all persons who were initially reported are still monitored, depending on their circumstances, negative test results, or continued period of no symptoms.

Persons Under Investigation/Surveillance (PUI): Essentially, PUIs are any person who has been or is waiting to be tested. This includes: persons who are considered high-risk for COVID-19 due to recent travel, contact with a known case, exhibiting symptoms of COVID-19 as determined by a healthcare professional, or some combination thereof. PUI's also include people who meet laboratory testing criteria based on symptoms and exposure, as well as confirmed cases with positive test results. PUIs include any person who is or was being tested, including those with negative and pending results.

Testing Definitions:

Number of People Tested: All tests submitted or received with Florida connections, including:

1. Florida residents tested in Florida
2. Non-Florida residents tested in Florida
3. Florida residents tested outside of Florida

Florida Residents Tested Elsewhere: The total number of Florida residents with positive COVID-19 test results who were tested outside of Florida, and were not exposed/infectious in Florida.

Non-Florida Residents Tested in Florida: The total number of people with positive COVID-19 test results who were tested, exposed, and/or infectious while in Florida, but are legal residents of another state.

More information

Q: Why do the numbers in the maps and the numbers in the charts sometimes not match?

While our data is being updated, there can be a brief delay between the display part of the map and the statistics featured on the page. The delay is caused by the sequence in how data is transferred from our servers onto the online map. This delay shouldn't last for more than few minutes, and typically happens at our regularly-scheduled update times of 11 a.m. and 6:00 p.m. EDT.

Q: What does the “hospitalizations” data represent?

“Hospitalizations” is a count of all laboratory confirmed cases in which an inpatient hospitalization occurred at any time during the course of illness. These people may no longer be hospitalized. This number does not represent the number of COVID-19 positive persons *currently* hospitalized. We do not have a figure for that information at this time.

Q: What does “Case Date” represent?

“Case date” is the date the positive laboratory result was received in the Department of Health’s database system and became a “confirmed case.” This is not the date a person contracted the virus, became symptomatic, or was treated.

Q. How is the zip code assigned to a person or case?

Cases are counted in a zip code based on residential or mailing address, or by healthcare provider or lab address if other addresses are missing.

Q. Why is the city data and the zip code data different?

The zip code data is supplied to a healthcare worker, case manager, or lab technician by each individual during intake when a test is first recorded. When entering a zip code, the system we use automatically produces a list of cities within that zip code for the individual to further specify where they live. Sometimes the individual uses the postal city, which may be Miami, when in reality that person lives outside the City of Miami boundaries in the jurisdiction of Coral Gables. Many zip codes contain multiple city/town jurisdictions, and about 20% of zip codes overlap more than one county.

Q: How is the Zip Code data calculated and/or shown?

If a COUNTY has five or more cases (total):

- In zip codes with fewer than 5 cases, the total number of cases is shown as "<5".
- In zip codes with 5-9 cases in that zip code, the total number of cases is shown as "5-9"
- Zip codes with 0 cases in these counties are "0" or "No cases."
- All values of 10 or greater are shown by the actual number of cases in that zip code.

If a COUNTY has fewer than five total cases across all of its zip codes, then ALL of the zip codes within that county show the total number of cases as "Suppressed."

Q: My zip code says "SUPPRESSED" under cases. What does that mean?

IF Suppressed: This county currently has fewer than five cases across all zip codes in the county. In an effort to protect the privacy of our COVID-19-Positive residents, zip code data is only available in counties where five or more cases have been reported.

Q: What about PO Box zip codes, or zip codes with letters, like 334MH?

PO Box zip codes are not shown in the map, but are provided in the hosted table layer for zip codes. PO Box zip codes make up less than 0.75% of cases. Zip codes that are outside of Florida or unknown are also included in the data table.

"Filler" zip codes with letters, like 334MH, are typically areas where no or very few people live – like the Florida Everglades, and are shown on the map like any other zip code.

For data users and sharing:

Accessing county and case-line level data (including historical data):

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

- A. The case-line data for Florida can be accessed as a hosted table here:

https://services1.arcgis.com/CY1LXxl9zIJeBuRZ/arcgis/rest/services/Florida_COVID19_Case_Line_Data/FeatureServer

- a. About page:
<https://fdoh.maps.arcgis.com/home/item.html?id=f5d69a918fb747019734d9a90cd602f4#overview>
- B. The map feature service layer for COUNTY data 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>
- C. The map feature service layer for the ZIP CODE data can be accessed here:
https://services1.arcgis.com/CY1LXxl9zIJeBuRZ/arcgis/rest/services/Florida_COVID_19_Cases_by_Zip_Code_Area/FeatureServer
 - a. About page:
<https://fdoh.maps.arcgis.com/home/item.html?id=300e5ac1f6a84818ba0943ff29101b97#overview>
- D. The hosted table of Zip Code cases, which includes PO Box zip codes, can be accessed here:
https://services1.arcgis.com/CY1LXxl9zIJeBuRZ/arcgis/rest/services/Florida_COVID_19_Cases_by_Zip_Code_Area_Table/FeatureServer
 - a. About page:
<https://fdoh.maps.arcgis.com/home/item.html?id=093b7d4df3e94af497875e72221f5bc3>
- E. Hosted table of new cases by county by date, can be accessed here:
https://services1.arcgis.com/CY1LXxl9zIJeBuRZ/arcgis/rest/services/Florida_COVID_19_Cases_by_Day_For_Time_Series/FeatureServer
 - a. About page:
<https://fdoh.maps.arcgis.com/home/item.html?id=452ab45aaa714042b3d61c741f851d5a#overview>
- F. Hosted table of new cases by day, by county, can be accessed here:
https://services1.arcgis.com/CY1LXxl9zIJeBuRZ/arcgis/rest/services/Florida_COVID_19_Cases_by_Day_For_Time_Series/FeatureServer
 - a. About page:
<https://fdoh.maps.arcgis.com/home/item.html?id=452ab45aaa714042b3d61c741f851d5a&view=table#overview>

We ask that you use the shortlink 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 instantaneously re-route the user to the appropriate dashboard layout based on the user's device.

The shortlink 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.

Advisements on using the data:

The key elements of this data most relevant to outside or third-party mapping or public products are listed below with brief and general descriptions. We recommend using these fields for the outlined intended purposes as this data is triple-checked for accuracy at each update. Additional fields are used for quality control. All data, schema and aggregation methods are subject to change as this is an ever-evolving situation. If you would like to be added to our listerv to receive updates on when and how this data is changing, please email the [GIS office](#).

Prefix guide:

"PUI" = PUI: Persons under surveillance (any person for which we have data about)

"T_" = Testing: Testing information for all PUIs and cases.

"C_" = Cases only: Information about cases, which are those persons who have COVID-19 positive test results on file

Key Data about Testing:

T_negative	Testing: Total negative persons tested for all Florida and non-Florida residents, including Florida residents tested outside of the state, and those tested at private facilities.
T_positive	Testing: Total positive persons tested for all Florida and non-Florida resident types, including Florida residents tested outside of the state, and those tested at private facilities.
PUILab_Yes	All persons tested with lab results on file, including negative, positive and inconclusive. This total does NOT include those who are waiting to be tested or have submitted tests to labs for which results are still pending.

Key Data about Confirmed COVID-19 Positive Cases:

CasesAll	Cases only: The sum total of all positive cases, including Florida residents in Florida, Florida residents outside Florida, and non-Florida residents in Florida
FLResDeaths	Deaths of Florida Residents
C_Hosp_Yes	Cases (confirmed positive) with a hospital admission noted
C_AgeRange	Cases Only: Average age for all cases, regardless of residency type
C_AgeAvrg	Cases Only: <u>Median</u> * range for all cases, regardless of residency type
C_AllResTypes	Cases Only: Sum of COVID-19 positive Florida Residents; includes in and out of state Florida residents, but does not include out-of-state residents who were treated/tested/isolated in Florida

Key Data about Cases by Zip Code:

ZIP	= The zip code
COUNTYNAME	= The county for the zip code (multi-part counties have been split)
ZIPX	= The unique county-zip identifier used to pair the data during updates
POName	= The postal address name assigned to the zip code
place_labels	= A list of the municipalities intersecting the zip code boundary
c_places	= The list of cities cases self-reported as being residents of
Cases_1	= The number of cases in each zip code, with conditions*.
LabelY	= A calculated field for map display only.

*If a COUNTY has fewer than five total cases across all of its zip codes, then ALL of the zip codes within that county show the total number of cases as "Suppressed."

IF Suppressed: This county currently has fewer than five cases across all zip codes in the county. In an effort to protect the privacy of our COVID-19-Positive residents, zip code data is only available in counties where five or more cases have been reported.

If a COUNTY has five or more cases (total), all zip codes with fewer than 5 cases are "masked" to help protect the privacy of those individuals.

- If there are fewer than 5 cases, the total number of cases is shown as "<5".
- If there are 5-9 cases in that zip code, the total number of cases is shown as "5-9"
- Zip codes with 0 cases in these counties are "0" or "No cases."
- All values of 10 or greater are shown by the actual number of cases in that zip code.

All DOH-GIS Florida COVID Cases meta

Data ID	Data description
County	Florida county name
State	State
OBJECTID	Geographic matching code used for quality control
DEPCODE	Geographic matching code (DEP County ID)
COUNTYN	Geographic matching code (Florida County ID)
PUIsTotal	PUI: The sum of all Persons Under Investigations (PUIs) in the state's database system as of the time of data publication. Includes Florida Residents, Non-Florida residents in Florida, and some Florida residents who are not currently in Florida.
Age_0_9	PUI: Sum of all PUIs in this age group
Age_10_19	PUI: Sum of all PUIs in this age group

Age_20_29	PUI: Sum of all PUIs in this age group
Age_30_39	PUI: Sum of all PUIs in this age group
Age_40_49	PUI: Sum of all PUIs in this age group
Age_50_59	PUI: Sum of all PUIs in this age group
Age_60_69	PUI: Sum of all PUIs in this age group
Age_70_79	PUI: Sum of all PUIs in this age group
Age_80plus	PUI: Sum of all PUIs in this age group
Age_Unkn	PUI: Sum of all PUIs in this age group where age data was not listed or an error was returned
C_Age_0_9	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_10_19	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_20_29	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_30_39	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_40_49	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_50_59	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_60_69	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_70_79	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_80plus	Cases only: Sum of all COVID-19 positive persons in this age group
C_Age_Unkn	Cases only: Sum of all COVID-19 positive persons where age data was not listed or an error was returned
PUIAgeRange	PUI: Minimum age and maximum age of all PUIs in a county
PUIAgeAvrg	PUI: MEDIAN age of all PUIs in the county
C_AgeRange	Cases Only: MEDIAN e age for all cases, regardless of residency type
C_AgeAvrg	Cases Only: Age range for all cases, regardless of residency type
C_AllResTypes	Cases Only: Deaths of Florida Residents, includes in and out of state Florida residents, but does not include out-of-state residents who were treated/tested/isolated in Florida
PUIFemale	PUI: Number of female PUIs
PUIMale	PUI: Number of male PUIs
PUISexUnkn	PUI: Number of PUIs where gender was not listed
PUIFLRes	PUI: Number of PUIs who are Florida residents in Florida
PUINotFLRes	PUI: Number of PUIs who are under surveillance in Florida but are not residents of the state
PUIFLResOut	PUI: Number of PUIs who are Florida residents but are not in Florida
PUITravelNo	PUI: Total PUIs designated as not being a risk related to recent travel
PUITravelUnkn	PUI: Total PUIs designated where a travel-related designation has not yet been made
PUITravelYes	PUI: Total PUIs designated who recently traveled overseas or to an area with community spread
C_ED_NO	Cases (confirmed positive) with no emergency department/room admission noted , which could mean a confirmed person who has not been in the hospital, a person who was tested while not at a hospital, or any other combination of events that lead to the "no" designation, including no information.
C_ED_NoData	Cases(confirmed positive) with no emergency department admissions data

C_ED_Yes	Cases(confirmed positive) with an emergency department admissions noted
C_Hosp_No	Cases(confirmed positive) with no hospital admission noted , which could mean a confirmed person who has not been in the hospital, a person who was tested while not at a hospital, or any other combination of events that lead to the "no." designation.
C_Hosp_Nodata	Cases(confirmed positive) with no hospital admissions data
C_Hosp_Yes	Cases(confirmed positive) with a hospital admission noted
FLResDeaths	Deaths of Florida Residents (control layer)
PUILab_Yes	PUI: Count of PUIs with lab results on file
TPositive	PUI: Number of PUIs with positive test results, including negative, positive and inconclusive, but excluding pending or awaiting testing
TNegative	PUI: Number of PUIs with negative test results (quality control group)
TInconc	PUI: Number of PUIs with inconclusive test results (quality control group)
TPending	PUI: Number of PUIs with test results pending (quality control group)
PUIContNo	PUIs with no known contact with current or previous confirmed cases
PUIContUnkn	PUIs where contact with current or previous confirmed cases is not known or under investigation
PUIContYes	PUIs with confirmed known contact with current or previous confirmed cases
CasesAll	Cases only: The sum total of all positive cases, including Florida residents in Florida, Florida residents outside Florida, and non-Florida residents in Florida
C_Men	Cases only: Number of men who with positive test results
C_Women	Cases only: Number of women with positive test results
C_TravelYes	Cases only: Positive cases designated as Travel-Related
C_TravelNo	Cases only: Positive cases designated as NOT being travel-related
C_TravelUnkn	Cases only: Positive cases where a travel related determination has not been made or remains unknown
C_FLRes	Cases only: Total number of positive Florida Residents exposed/tested/isolated in Florida
C_NotFLRes	Cases only: Total number of positive Non-Florida Residents exposed/tested/isolated in Florida
C_FLResOut	Cases only: Total number of positive Florida Residents exposed/tested/isolated outside of Florida
T_NegRes	Testing: Total number of negative Florida Residents tested
T_NegNotFLRes	Testing: Total number of negative non-Florida residents in Florida tested
T_PendRes	Testing: Total number of Florida residents in Florida with results pending
T_PendNotRes	Testing: Total number of non-Florida residents in Florida with results pending
T_total	Testing: Total tests administered or pending for all PUIs, including positive, negative and pending results.
T_negative	Testing: Total negative persons tested for all Florida and non-Florida residents
T_pending	Testing: Total Florida and Non-Florida residents tested with results pending
T_positive	Testing: Total positive persons tested for all Florida and non-Florida residents
Deaths	Cases Only: Total number of deaths of Florida Residents
EverMon	Total number of cases that were at any point being monitored
MonNow	Total number of currently monitored persons by county

C_HospYes_Res	Inpatient hospitalizations of confirmed-positive Florida residents only.
C_HospYes_NonRes	Inpatient hospitalizations of confirmed-positive non-Florida residents only.
C_EDYes_Res	Emergency Dept Admissions for Florida Residents Only
C_EDYes_NonRes	Emergency Dept Admissions for Non-Florida Residents