Florida's COVID-19 Data and Surveillance Dashboard
Florida Department of Health, Division of Disease Control and Health Protection

COVID-19 Call Center available 24/7 | +1 (866) 779-6121 or email COVID-19@flhealth.gov

 DISCLAIMER FOR USA AND WORLD DATA:
Data for states and countries (as shown below) comes from a public service maintained by the Johns Hopkins University Center for Systems Science and Engineering (CSSE). The Florida Department of Health does not quality control or publish the data. Viewers should understand that methodologies for reporting cases vary across states and countries, and consequently some of the numbers shown here may not reflect the most recent or accurate.

Us and Global Covid Cases

<table>
<thead>
<tr>
<th>USA Cases</th>
<th>Global Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,723,181</td>
<td>23,513,905</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USA Deaths</th>
<th>Global Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>176,991</td>
<td>809,999</td>
</tr>
</tbody>
</table>
Florida Total COVID Cases

Total Cases 602,829
Positive Residents 596,511
Resident Hospitalizations 36,596

Cumulative Data for Florida Residents:
- Positive Residents: 596,511
- Florida Resident Deaths: 10,397

Florida COVID-19 Cases
- Cases/All
  - > 32,000 - 150,000
  - > 16,000 - 32,000
  - > 8,000 - 16,000
  - > 4,000 - 8,000
  - > 2,000 - 4,000
  - > 1,000 - 2,000
  - > 100 - 1,000
  - 0 - 100

Recent Data for Florida Residents (Last 30 Days):
- New Cases of Residents by Day:
  - 8/10: 8/17
- Resident Deaths by Date of Death:
  - 7/27: 8/17

Recent Data:
- + 2,258 cases
- + 128 Hospitalized
- + 123 deaths

Updated on 8/24/20 11:00 am
Florida COVID-19 Cases by Counties

Dade: 152,612
Broward: 69,383
Palm Beach: 40,746 + 176 new cases
  3,146 + 5 new hospital
  1,061 + 2 new deaths
Hillsborough: 35,814
Orange: 34,871
Collier: 11,268
Martin: 4,091
Hendry: 1,938
Florida Rate Map

State = 2,896/100,000 or 2.9%
Palm Beach = 2,971/100,000 or 3.0%
Martin = 2,578/100,000 or 2.6%

Broward = 3,605/100,000 or 3.6%
Glade = 3,823/100,000 or 3.8%

Dade = 4,825/100,000 or 4.8%
Hendry = 4,825/100,000 or 4.8%

Lafayette = 13,323/100,000 or 13.3%
Florida Positivity Rates

Data for Florida Residents from Previous Day

Total FL-Residents Tested: 40,532
FL-Residents Positive: 2,086
FL-Residents Negative: 38,446
Previous Day Percent Positive: 5.15%

Statewide Negative and Positive Persons Tested by Week

Cumulative Data for Florida and Non-Florida Residents

Total People Tested: 4,453,929
Positive: 602,829
Negative: 3,844,327
Overall Percent Positive: 13.53%
PBC Positivity Rates

Data for Florida Residents from Previous Day

- Total FL-Residents Tested: 3,031
- FL-Residents Positive: 162
- FL-Residents Negative: 2,869
- Previous Day Percent Positive: 5.34%

Testing Data for Palm Beach from previous day

- Total FL Residents Tested: 3,031
  - Positive: 162
  - Negative: 2,869
- Percent Positive: 5.34%

Positivity rate of new cases by week

- Total People Tested: 309,689
  - Positive: 40,746
  - Negative: 268,338
- Overall Percent Positive: 13.16%

Cumulative Data for Florida and Non-Florida Residents

- Broward: 4.34/14.29
- Dade: 9.13/19.49
PBC Positivity Rates

PBC COVID Daily Lab Positivity past 14 days

Broward: 4.34/14.29
Dade: 9.13/19.49
Martin: 4.40/14.78
Hendry: 11.90/21.37
Collier: 4.96/16.45
PBC Cumulative Total People Positivity

PBC Total People Tested Positivity past 14 days

Goal = 10.00%

Broward: 4.34/14.29
Dade: 9.13/19.49
Martin: 4.40/14.78
Hendry: 11.90/21.37
Collier: 4.96/16.45
PBC New COVID Cases per Day Last 14 days

<table>
<thead>
<tr>
<th>Dates</th>
<th>Number of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-Aug</td>
<td>342</td>
</tr>
<tr>
<td>11-Aug</td>
<td>288</td>
</tr>
<tr>
<td>12-Aug</td>
<td>275</td>
</tr>
<tr>
<td>13-Aug</td>
<td>363</td>
</tr>
<tr>
<td>14-Aug</td>
<td>317</td>
</tr>
<tr>
<td>15-Aug</td>
<td>228</td>
</tr>
<tr>
<td>16-Aug</td>
<td>149</td>
</tr>
<tr>
<td>17-Aug</td>
<td>186</td>
</tr>
<tr>
<td>18-Aug</td>
<td>202</td>
</tr>
<tr>
<td>19-Aug</td>
<td>223</td>
</tr>
<tr>
<td>20-Aug</td>
<td>264</td>
</tr>
<tr>
<td>21-Aug</td>
<td>233</td>
</tr>
<tr>
<td>22-Aug</td>
<td>191</td>
</tr>
<tr>
<td>23-Aug</td>
<td>162</td>
</tr>
</tbody>
</table>
PBC Cumulative COVID Cases

New COVID Positive Cases by Day
updated 8/24/2020
Restart May 11, 2020

R² = 0.8435
PBC Cumulative COVID Deaths

COVID Positive Deaths
updated 8/24/2020

Restart May 11, 2020

R² = 0.085
PBC Hospital Surge Metrics

- **Hospital Bed Utilization Rate**: 66.98%
- **ICU Bed Utilization Rate**: 67.32%
- **Ventilators Utilization Rate**: 46.00%

**COVID Positive ICU Cases**
Updated 8/24/2020
Data Source: ESS_Hospitals_CountyRollup_BedAvailAndDisclosableAddlInfoQuestions
Restart May 11, 2020

**COVID Positive Total Hospital Census**
Updated 8/24/2020
Data Source: ESS_Hospitals_CountyRollup_BedAvailAndDisclosableAddlInfoQuestions

R² = 0.5384
R² = 0.458
CONCERNS

• Hurricane Season very active amidst our pandemic
• Flu season only 2 months away when we are expected to see a second wave of increased COVID activity
• Responsibility to maintain mandatory mask orders and continuous physical distancing especially as we open more business and schools
• Availability of Rapid Antigen and Antibody Testing for everyone
• Metrics that will respond to quickly and accurately identify COVID hot spots or actions that result in rapid spreaders
Questions?

Thank You
Palm Beach County should consider institution of measures that are more restrictive when analysis of the following triggers/indicators collectively indicates the presence of resurgence:

<table>
<thead>
<tr>
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<th>Benchmark or indicator</th>
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<th>April 28th or before</th>
<th>May 8, 2020</th>
<th>May 18, 2020</th>
<th>May 28, 2020</th>
<th>August 10, 2020</th>
<th>August 16, 2020</th>
<th>August 24, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Overall percentage of tests with positive COVID-19 results (overall positivity rate)</td>
<td>Sustained reduction trend in the overall COVID-19 positivity rate</td>
<td>17.8% overall positivity rate</td>
<td>9.0% positivity rate</td>
<td>Positive (increase) trend in COVID-19 positivity rate over a five-day period</td>
<td>13.22% positivity rate</td>
<td>13.23% positivity rate</td>
<td>13.16% positivity rate</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Percentage of tests with positive COVID-19 results each day (daily lab positivity rate)</td>
<td>Sustained reduction trend in the daily lab COVID-19 positivity rate</td>
<td>6.7% (avg.) daily lab COVID-19 positivity rate</td>
<td>6.9% (avg.) daily lab COVID-19 positivity rate</td>
<td>Positive (increase) trend in COVID-19 positivity rate over a five-day period</td>
<td>8.2% (avg.) daily lab COVID-19 positivity rate</td>
<td>6.73% (avg.) daily lab COVID-19 positivity rate</td>
<td>5.19% (avg.) daily lab COVID-19 positivity rate</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Daily hospitalizations for COVID-19 in Palm Beach County</td>
<td>Sustained reduction trend in daily hospitalization rate for COVID-19</td>
<td>226 (avg.) COVID-19 (+) patients hospitalized per day</td>
<td>234 (avg.) COVID-19 (+) patients hospitalized per day</td>
<td>237 (avg.) COVID-19 (+) patients hospitalized per day</td>
<td>Positive (increase) trend in the daily hospitalization rate for COVID-19 patients over a five-day period</td>
<td>469 (avg.) COVID-19 (+) patients hospitalized per day</td>
<td>420 (avg.) COVID-19 (+) patients hospitalized per day</td>
<td>316 (avg.) COVID-19 (+) patients hospitalized per day</td>
</tr>
<tr>
<td>3</td>
<td>COVID-19 death rate</td>
<td>Sustained reduction trend in COVID-19 death rate toward pre-pandemic status</td>
<td>156 deaths; 5.64% death rate</td>
<td>238 deaths; 6.11% death rate</td>
<td>275 deaths; 5.9% death rate</td>
<td>Positive (increase) trend in the COVID-19 death rate over a five-day period</td>
<td>936 deaths; 2.5% death rate</td>
<td>992 deaths; 2.5% death rate</td>
<td>1,061 deaths; 2.6% death rate</td>
</tr>
<tr>
<td></td>
<td>COVID-19 daily death rate</td>
<td>Sustained reduction trend in COVID-19 daily death rate (7-day)</td>
<td>3.71 (avg.) COVID-91-related deaths/day</td>
<td>3.71 (avg.) COVID-91-related deaths/day</td>
<td>3.43 (avg.) COVID-91-related deaths/day</td>
<td>Positive (increase) trend in the COVID-19 daily death rate</td>
<td>2.0 (avg.) COVID-91-related deaths/day</td>
<td>1.3 (avg.) COVID-91-related deaths/day†</td>
<td>1.8 (avg.) COVID-91-related deaths/day†</td>
</tr>
<tr>
<td></td>
<td>COVID-19 daily death rate</td>
<td>Sustained reduction trend in COVID-19 daily death rate (14 day)</td>
<td>6.14 (avg.) COVID-91-related deaths/day</td>
<td>4.14 (avg.) COVID-91-related deaths/day</td>
<td>3.14 (avg.) COVID-91-related deaths/day</td>
<td>Positive (increase) trend in the COVID-19 daily death rate</td>
<td>2.5 (avg.) COVID-91-related deaths/day</td>
<td>1.8 (avg.) COVID-91-related deaths/day†</td>
<td>3.0 (avg.) COVID-91-related deaths/day†</td>
</tr>
</tbody>
</table>
# Resurgence indicators

<table>
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<tr>
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<tr>
<td>4</td>
<td>Ability of hospitals in Palm Beach County to safely treat all patients requiring hospitalization without resorting to crisis standards of care</td>
<td>Sustained reduction in hospital COVID-19 ICU bed utilization</td>
<td>78.0 (avg.‡)</td>
<td>70.0 (avg.‡)</td>
<td>68.6 (avg.‡)</td>
<td>Positive (increase) trend in hospital COVID-19 ICU bed utilization over a five-day period</td>
<td>132.0 (avg.‡)</td>
<td>121.0 (avg.‡)</td>
<td>101.0 (avg.‡)</td>
</tr>
<tr>
<td></td>
<td>Daily Med Alert patients transported by Palm Beach County Fire-Rescue. Note: While ≈50% of all EMS transports, PBCFR transports are likely a representative sampling of countywide transports.</td>
<td>Sustained reduction in patients transported by Palm Beach County Fire-Rescue as “Med-Alerts”</td>
<td>14 (avg.‡) Med Alert patients per day</td>
<td>14.6 (avg.‡) Med Alert patients per day</td>
<td>13.7 (avg.‡) Med Alert patients per day</td>
<td>Positive (increase) trend in daily Med Alert patients transported by Palm Beach County Fire-Rescue</td>
<td>14.4 (avg.‡) Med Alert patients per day</td>
<td>13.8 (avg.‡) Med Alert patients per day</td>
<td>11.7 (avg.‡) Med Alert patients per day</td>
</tr>
<tr>
<td>5</td>
<td>Access to COVID-19 testing</td>
<td>Easy access to various types of COVID-19 testing</td>
<td>3 public drive-thru sites established; 22,700 people tested</td>
<td>6 public drive-thru sites &amp; 17 commercial sites; 38,000 people tested</td>
<td>8 public, 2 non-profit, 40 commercial testing sites; 51,549 people tested</td>
<td>Marked reported or observed increase in challenges to access to various types of COVID-19 testing</td>
<td>16 public, 4 non-profit, 97 commercial testing sites; 282,189 people tested</td>
<td>16 public, 4 non-profit, 99 commercial testing sites; 295,656 people tested</td>
<td>16 public, 4 non-profit, 99 commercial testing sites; 309,689 people tested</td>
</tr>
<tr>
<td>6</td>
<td>Ability to monitor confirmed cases and contacts</td>
<td>Capacity to adequately monitor cases and contacts</td>
<td>DoH-PBC Epidemiology has been performing contact tracing throughout the incident, and has adequate capacity at this time</td>
<td>DoH-PBC Epi staff expanded from 82 to 96; contact tracing up-to-date</td>
<td>DoH-PBC Epi staff reduced from 96 to 80; contact tracing up-to-date</td>
<td>DoH-PBC Epi staff increased from 80 to 91; contact tracing up-to-date</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Covid-19 Phased Restart (CPR) Program

## Resurgence indicators

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<tbody>
<tr>
<td>7</td>
<td>Level of compliance with Phase 1 related executive orders</td>
<td>High level of compliance with Phase 1 related executive orders</td>
<td>Not applicable</td>
<td>N/A</td>
<td>N/A</td>
<td>Not applicable.</td>
<td>CECT assigned 2,032 cases; conducted over 1,025 site visits; shut down 26 operations</td>
<td>CECT assigned 3,736 cases; conducted over 1,560 site visits; shut down 27 operations</td>
<td>CECT assigned 4,114 cases; conducted over 1,763 site visits; shut down 27 operations</td>
</tr>
</tbody>
</table>

# benchmark or indicator as identified in the PBC EOC’s COVID-19 Phased Restart (CPR) Program
‡ prior 7-day average
³ prior 14-day average
4 Sixteen (16) Epi contract staff demobilized this week; anticipate ≈20 new staff arriving next week.
† data from July 30 – August 13, 2020.

- = benchmark desired outcome or trend met

- = benchmark desired outcome or trend not met

8/24/2020
previous versions are obsolete
COVID-19 UPDATE

Board of County Commissioners
August 25, 2020

Bill Johnson, RN
Division of Emergency Management
Public Safety Department
COVID-19 total tested positivity

August 10 - 24, 2020

Overall positivity rate
COVID-19 daily lab positivity

April 15 – August 24, 2020
COVID-19 positive total hospital census

August 10-24, 2020

Total COVID-19 positive hospital census

$R^2 = 0.9619$
COVID-19 deaths
March 1 – August 19, 2020

COVID-19 DEATHS

R² = 0.0278
COVID-19 positive ICU cases
August 10-24, 2020

R² = 0.898
ED visits with CLI

April 26 – August 16, 2020
COVID-19 testing sites

- 309,689 people tested (20.7% total PBC pop.)
- 16 government-sponsored sites
- 4 non-profit sites
- 99 commercial sites
- mobile “pop-up” sites
- homebound testing (PBCFR)
- www.pbcgov.org
COVID-19 testing (PBC)
Thank you