# US and Global COVID Total Cases and Death

<table>
<thead>
<tr>
<th></th>
<th>Data as of 10/25/20</th>
<th>USA Cases</th>
<th>8,699,321</th>
<th>USA Deaths</th>
<th>225,677</th>
<th>Global Cases</th>
<th>43,438,043</th>
<th>Global Deaths</th>
<th>1,158,321</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Data as of 11/16/20</td>
<td>USA Cases</td>
<td>11,200,879</td>
<td>USA Deaths</td>
<td>247,175</td>
<td>Global Cases</td>
<td>54,988,459</td>
<td>Global Deaths</td>
<td>1,326,449</td>
</tr>
</tbody>
</table>

Data as of 10/25/20
US New COVID Cases by Day

Data as of 11/16/20

Johns Hopkins Data for the US COVID cases by day.

US Total Cases: 11,200,879
COVID Cases in Florida

Data as of 11/16/20 4pm

(+4,663) cases
(+119) hosp.
(+41) deaths
## Florida’s Positivity Rates

### Data for Florida Residents from Previous Day

<table>
<thead>
<tr>
<th>Total FL Residents Tested</th>
<th>57,222</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL Residents Positive</td>
<td>4,531</td>
</tr>
<tr>
<td>FL Residents Negative</td>
<td>52,691</td>
</tr>
</tbody>
</table>

### Previous Day Percent Positive

- **7.92%**

### Testing Data for State from previous day

- **Total FL Residents Tested:** 57,222
- **Positive:** 4,531
- **Negative:** 52,691
- **Percent Positive:** 7.92%

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**Daily Up to 7.92% from 5.91%**
Florida Cases by Counties

Dade: 203,654
Broward: 95,734
Palm Beach: 58,754 (+358 new cases)
        4,355 (+11 new Hosp.)
        1,627 (+5 new deaths)

Hillsborough: 53,187
Orange: 51,888
Duval: 38,677
Collier: 16,019
Martin: 5,744
Hendry: 2,367
PBC COVID New Daily Cases

PBC New COVID Cases per day last 21 days

Trend line

Number of Cases

26-Oct: 359
27-Oct: 243
28-Oct: 360
29-Oct: 404
30-Oct: 470
31-Oct: 364
1-Nov: 216
2-Nov: 282
3-Nov: 445
4-Nov: 361
5-Nov: 379
6-Nov: 355
7-Nov: 329
8-Nov: 367
9-Nov: 387
10-Nov: 441
11-Nov: 311
12-Nov: 332
13-Nov: 415
14-Nov: 730
15-Nov: 339

Days: 377
Cases: 415
## PBC COVID Case by Age Distribution

<table>
<thead>
<tr>
<th>Age group</th>
<th>All cases</th>
<th>New cases (11/15)</th>
<th>Hospitalizations</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4 years</td>
<td>898</td>
<td>2%</td>
<td>1%</td>
<td>0%</td>
</tr>
<tr>
<td>5-14 years</td>
<td>2,406</td>
<td>4%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>15-24 years</td>
<td>9,788</td>
<td>17%</td>
<td>18%</td>
<td>1%</td>
</tr>
<tr>
<td>25-34 years</td>
<td>10,703</td>
<td>18%</td>
<td>20%</td>
<td>6%</td>
</tr>
<tr>
<td>35-44 years</td>
<td>9,114</td>
<td>16%</td>
<td>12%</td>
<td>2%</td>
</tr>
<tr>
<td>45-54 years</td>
<td>8,825</td>
<td>15%</td>
<td>14%</td>
<td>4%</td>
</tr>
<tr>
<td>55-64 years</td>
<td>7,410</td>
<td>13%</td>
<td>14%</td>
<td>10%</td>
</tr>
<tr>
<td>65-74 years</td>
<td>4,187</td>
<td>7%</td>
<td>11%</td>
<td>16%</td>
</tr>
<tr>
<td>75-84 years</td>
<td>2,742</td>
<td>5%</td>
<td>4%</td>
<td>28%</td>
</tr>
<tr>
<td>85+ years</td>
<td>2,057</td>
<td>4%</td>
<td>1%</td>
<td>16%</td>
</tr>
<tr>
<td>Unknown</td>
<td>48</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>58,178</strong></td>
<td><strong>339</strong></td>
<td><strong>4,303</strong></td>
<td><strong>1,627</strong></td>
</tr>
</tbody>
</table>
What can we do now to Prepare

MASK UP, LATHER UP, SLEEVE UP

Avoid the 3 Cs

#FIGHT FLU
Thank You
## Covid-19 Phased Restart (CPR) Program

### Resurgence indicators

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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</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>Positive (increase) trend in COVID-19 positivity rate over a five-day period</td>
<td>12.40% positivity rate</td>
<td>12.35% positivity rate</td>
<td>12.14% positivity rate</td>
<td>12.18% positivity rate</td>
<td>12.21% positivity rate</td>
<td>12.52% positivity rate</td>
</tr>
<tr>
<td>2</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>Positive (increase) trend in COVID-19 positivity rate over a 7-day period</td>
<td>2.79% (avg.) daily lab COVID-19 positivity rate</td>
<td>3.76% (avg.) daily lab COVID-19 positivity rate</td>
<td>4.69% (avg.) daily lab COVID-19 positivity rate</td>
<td>6.12% (avg.) daily lab COVID-19 positivity rate</td>
<td>7.12% (avg.) daily lab COVID-19 positivity rate</td>
<td>8.3% (avg.) daily lab COVID-19 positivity rate</td>
</tr>
<tr>
<td>3</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 above 5% over a 14-day period</td>
<td>Positive (increase) trend in COVID-19 positivity rate over a 14-day period</td>
<td>3.10% (avg.) daily lab COVID-19 positivity rate</td>
<td>3.30% (avg.) daily lab COVID-19 positivity rate</td>
<td>4.23% (avg.) daily lab COVID-19 positivity rate</td>
<td>5.41% (avg.) daily lab COVID-19 positivity rate</td>
<td>6.62% (avg.) daily lab COVID-19 positivity rate</td>
<td>7.53% (avg.) daily lab COVID-19 positivity rate</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>Positive (increase) trend in the daily hospitalization rate for COVID-19 patients over a five-day period</td>
<td>117 (avg.) COVID-19 patients hospitalized per day</td>
<td>111 (avg.) COVID-19 patients hospitalized per day</td>
<td>118 (avg.) COVID-19 patients hospitalized per day</td>
<td>145 (avg.) COVID-19 patients hospitalized per day</td>
<td>166 (avg.) COVID-19 patients hospitalized per day</td>
<td>227 (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>Positive (increase) trend in the COVID-19 death rate over a five-day period</td>
<td>1,461 deaths; 3.0% death rate</td>
<td>1,497 deaths; 3.0% death rate</td>
<td>1,562 deaths; 3.0% death rate</td>
<td>1,595 deaths; 3.0% death rate</td>
<td>1,610 deaths; 2.8% death rate</td>
<td>1,627 deaths; 2.7% death rate</td>
</tr>
<tr>
<td>4</td>
<td>COVID-19 daily death rate</td>
<td>Sustained reduction trend in COVID-19 daily death rate (7-day)</td>
<td>Positive (increase) trend in the COVID-19 daily death rate</td>
<td>1.0 (avg.) COVID-19-related deaths/day</td>
<td>1.3 (avg.) COVID-19-related deaths/day</td>
<td>1.0 (avg.) COVID-19-related deaths/day</td>
<td>1.7 (avg.) COVID-19-related deaths/day</td>
<td>1.0 (avg.) COVID-19-related deaths/day</td>
<td>1.0 (avg.) COVID-19-related deaths/day</td>
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</tbody>
</table>

COVID-19 related deaths/day†
## Covid-19 Phased Restart (CPR) Program

### Resurgence indicators

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<tbody>
<tr>
<td>4</td>
<td>COVID-19 daily death rate</td>
<td>Sustained reduction trend in COVID-19 daily death rate (14 day)</td>
<td>Positive (increase) trend in the COVID-19 daily death rate</td>
<td>1.1 (avg.³) COVID-19-related deaths/day</td>
<td>1.4 (avg.³) COVID-19-related deaths/day</td>
<td>2.7 (avg.³) COVID-19-related deaths/day</td>
<td>2.0 (avg.³) COVID-19-related deaths/day</td>
<td>2.6 (avg.³) COVID-19-related deaths/day</td>
<td>1.0 (avg.³) COVID-19-related deaths/day</td>
</tr>
<tr>
<td></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>Positive (increase) trend in hospital COVID-19 ICU bed utilization over a seven-day period</td>
<td>39.3 (avg.†) COVID-19 ICU patients/day</td>
<td>35.3 (avg.†) COVID-19 ICU patients/day</td>
<td>24.1 (avg.†) COVID-19 ICU patients/day</td>
<td>25.0 (avg.†) COVID-19 ICU patients/day</td>
<td>29.9 (avg.†) COVID-19 ICU patients/day</td>
<td>43.1 (avg.†) COVID-19 ICU patients/day</td>
</tr>
<tr>
<td>5</td>
<td>Daily Med Alert patients transported by Palm Beach County Fire-Rescue.</td>
<td>Sustained reduction in patients transported by Palm Beach County Fire-Rescue as “Med-Alerts”</td>
<td>Positive (increase) trend in daily Med Alert patients transported by Palm Beach County Fire-Rescue</td>
<td>6.1 (avg.‡) Med Alert patients/day</td>
<td>4.4 (avg.‡) Med Alert patients/day</td>
<td>5.7 (avg.‡) Med Alert patients/day</td>
<td>7.1 (avg.‡) Med Alert patients/day</td>
<td>9.7 (avg.‡) Med Alert patients/day</td>
<td>11.1 (avg.‡) Med Alert patients/day</td>
</tr>
<tr>
<td></td>
<td>Weekly counts of Emergency Department visits presenting with COVID-like illnesses (CLI) in Palm Beach County</td>
<td>Sustained reduction in weekly counts of ED visits presenting with CLI in Palm Beach County</td>
<td>Positive (increase) trend in weekly counts of ED visits presenting with CLI in Palm Beach County</td>
<td>196 ED visits presenting with CLI</td>
<td>182 ED visits presenting with CLI</td>
<td>240 ED visits presenting with CLI</td>
<td>358 ED visits presenting with CLI</td>
<td>338 ED visits presenting with CLI</td>
<td>439 ED visits presenting with CLI</td>
</tr>
<tr>
<td></td>
<td>Access to COVID-19 testing</td>
<td>Easy access to various types of COVID-19 testing</td>
<td>Marked reported or observed increase in challenges to access to various types of COVID-19 testing</td>
<td>13 public, 4 non-profit, 100 commercial testing sites; 388,995 people tested</td>
<td>13 public, 4 non-profit, 102 commercial testing sites; 397,220 people tested</td>
<td>13 public, 4 non-profit, 102 commercial testing sites; 418,436 people tested</td>
<td>13 public, 4 non-profit, 104 commercial testing sites; 436,466 people tested</td>
<td>12 public, 4 non-profit, 104 commercial testing sites; 449,700 people tested</td>
<td>12 public, 4 non-profit, 104 commercial testing sites; 466,379 people tested</td>
</tr>
</tbody>
</table>

**Note:** While ≈50% of all EMS transports, PBCFR transports are likely a representative sampling of county-wide transports.
## Resurgence indicators

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>Ability to monitor confirmed cases and contacts</td>
<td>Capacity to adequately monitor cases and contacts</td>
<td>Marked reported or observed increase in challenges to contact tracing</td>
<td>DoH-PBC Epi staff reduced from 154 to 146; contact tracing up-to-date&lt;sup&gt;5&lt;/sup&gt;</td>
<td>DoH-PBC Epi staff remained the same at 146; contact tracing up-to-date&lt;sup&gt;5&lt;/sup&gt;</td>
<td>DoH-PBC Epi staff remained the same at 146; contact tracing up-to-date&lt;sup&gt;5&lt;/sup&gt;</td>
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<td></td>
</tr>
<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>CECT assigned 5,768 cases; conducted over 4,523 site visits; 27 business closures</td>
<td>CECT assigned 5,835 cases; conducted over 5,520 site visits; 27 business closures</td>
<td>CECT assigned 5,941 cases; conducted over 5,949 site visits; 27 business closures</td>
<td>CECT assigned 6,134 cases; conducted over 6,184 site visits; 27 business closures</td>
<td>CECT assigned 6,291 cases; conducted over 6,330 site visits; 27 business closures</td>
<td>CECT assigned 6,510 cases; conducted over 6,509 site visits; 27 business closures</td>
</tr>
</tbody>
</table>

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<sup>1</sup> benchmark or indicator as identified in the PBC EOC's COVID-19 Phased Restart (CPR) Program

<sup>‡</sup> prior 7-day average

<sup>³</sup> prior 14-day average

<sup>4</sup> temporary reductions in contact tracers due to routine rotation of staff or right-sizing of operations

<sup>5</sup> defined as 90% of positive cases contacted and interviewed within 48 hours of notification of test results

<sup>6</sup> as of Sunday, November 8, 2020 – all testing sites closed since due to Tropical Storm Eta.

<sup>†</sup> data from November 5 - 12, 2020.

<sup>††</sup> data from October 29 – November 12, 2020.

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= benchmark desired outcome or trend met

= benchmark desired outcome or trend not met

11/16/2020

previous versions are obsolete
COVID-19 UPDATE

Board of County Commissioners
November 17, 2020

Bill Johnson, RN
Division of Emergency Management
Public Safety Department

COVID-19 total tested positivity

November 1 - 15, 2020
COVID-19 daily lab positivity
November 1 - 15, 2020

COVID-19 positive total hospital census
November 2 - 16, 2020
COVID-19 deaths
March 1 – October 10, 2020

COVID positive deaths

COVID-19 positive ICU cases
November 2 - 16, 2020
Daily Med Alerts
October 14 – November 14, 2020

ED visits with CLI
April 26 – November 14, 2020
COVID-19 testing sites

- 466,379 people tested (31.2% total PBC pop.)
- 12 government-sponsored sites
- 4 non-profit sites
- 104 commercial sites
- mobile “pop-up” sites
- homebound testing (PBCFR)
- www.pbc.gov.org

COVID-19 testing (PBC)

[Chart showing COVID-19 test results per day]
COVID-19 stakeholders

- Weekly calls with area universities and hospitals
- Hospitals: slow, steady increase in patients; little increase in acuity
- Universities: steady or slight increase
- Pandemic fatigue
- Many students will not return after Thanksgiving break

Avoid the Three Cs

1. Crowded Places
   - Avoid gathering in groups where you can’t maintain 6-feet distance from others.

2. Close Contact
   - Wear a mask or maintain 6-feet distance when you’re with people you don’t live with.

3. Confined Spaces
   - Avoid enclosed spaces with poor ventilation.

AT WORK, AT SCHOOL, AT SMALL AND LARGE GATHERINGS, AND EVERYWHERE YOU GO
WHEN YOU SPEND MORE THAN 15 MINUTES WITH OTHER PEOPLE...