Us and Global Covid Cases

USA Cases: 6,528,077
USA Deaths: 194,203

Global Cases: 29,075,608
Global Deaths: 925,284

Last BCC meeting 9/1/20
6,006,327 cases (+521,750)
183,221 deaths (+10,982)
Florida Total COVID Cases

Total Cases
665,730

Cumulative Data for Florida Residents:
Positive Residents
658,203

Resident Hospitalizations
41,374

Florida Resident Deaths
12,642

Non-Resident Deaths
158

Recent Data for Florida Residents (Last 30 Days):
New Cases of Residents by Day
8/17 8/24 8/31 9/7

Resident Deaths by Date of Death:
8/17 8/24 8/31 9/7

Comparison of counties is not possible because case data are not adjusted by population.

Updated on 9/14/20 11:00 am
Florida COVID-19 Cases

Florida Cases by Counties

Dade: 164,299
Broward: 74,525
Palm Beach: 44,139 (+114) new cases
3,492 (+0) new hosp
1,199 (+3) new deaths

Hillsborough: 39,600
Orange: 38,013

Collier: 12,234
Martin: 4,567
Hendry: 2,023
Palm Beach = 3,024/100,000 or 3.0% +0.1
Martin = 2,879/100,000 or 2.9% +0.1

State = 3,195/100,000 or 3.2% +0.2
Broward = 3,879/100,000 or 3.9% +0.2
Glade = 3,555/100,000 or 3.5% +0.1
Collier = 3,331/100,000 or 3.3% +0.1

Hendry = 5,037/100,000 or 5.0% +0.1

Dade = 6,005/100,000 or 6.0% +0.3
Lafayette = 13,952/100,000 or 13.9% +0.1%
COVID Cases for PBC by Census Tracks 8/28 to 9/3
Florida Positivity Rates

Total FL Residents Tested: 47,014
FL Residents Positive: 1,827
FL Residents Negative: 45,187
Percent Positive: 3.89%

Testing Data for State from previous day:
Total FL Residents Tested: 47,014
Positive: 1,827
Negative: 45,187

Cumulative Data for Florida and Non-Florida Residents:
Total People Tested: 4,948,075
Positive: 665,730
Negative: 4,275,278

Cumulative Percent Positive: 13.45%

23% of our state’s population has been tested.
### PBC Positivity Rates

**Data for Florida Residents from Previous Day**

- **Total FL Residents Tested**: 4,186
- **FL Residents Positive**: 125
- **FL Residents Negative**: 4,061
- **Previous Day Percent Positive**: 2.99%

**Testing Data for Palm Beach from previous day**

- **Total FL Residents Tested**: 4,186
  - Positive: 125
  - Negative: 4,061
- **Percent Positive**: 2.99%

**Cumulative Data for Florida and Non-Florida Residents**

- **Total People Tested**: 345,094
- **Positive**: 44,139
- **Negative**: 300,335
- **Cumulative Percent Positive**: 12.79%

**Statewide Negative and Positive Persons Tested by Week**

**Statewide**

<table>
<thead>
<tr>
<th>Week Start Date</th>
<th>Positive</th>
<th>Negative</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/2</td>
<td></td>
<td></td>
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<tr>
<td>8/7</td>
<td></td>
<td></td>
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<tr>
<td>8/12</td>
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<td>8/17</td>
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<tr>
<td>8/22</td>
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<tr>
<td>8/27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Positivity Rate of New Cases by Week**

- **Week Start Date**: 8/2 to 9/6
- **Positive Rate**: 2.99%

**Use the drop-down menu above to select a county.**

**Broward**

- **Positivity Rates**: 2.58/13.89

**Dade**

- **Positivity Rates**: 4.18/19.05

Both down 23.1% tested
PBC Daily Lab Positivity Rates

PBC COVID Daily Lab Positivity past 14 days

PBC Goal Line

Trend Line

Dates

31-Aug  1-Sep  2-Sep  3-Sep  4-Sep  5-Sep  6-Sep  7-Sep  8-Sep  9-Sep  10-Sep  11-Sep  12-Sep  13-Sep

Percentages

PBC Cumulative Total People Positivity

PBC Total People Tested Positivity past 14 days

State Goal = 10.00%

Dates

31-Aug 1-Sep 2-Sep 3-Sep 4-Sep 5-Sep 6-Sep 7-Sep 8-Sep 9-Sep 10-Sep 11-Sep 12-Sep 13-Sep

Percentages


Florida HEALTH
# PBC COVID Age Distribution of New Cases vs New Deaths

<table>
<thead>
<tr>
<th>Age group</th>
<th>All cases</th>
<th>New cases (9/13)</th>
<th>Hospitalizations</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4 years</td>
<td>718</td>
<td>2%</td>
<td>1</td>
<td>32</td>
</tr>
<tr>
<td>5-14 years</td>
<td>1,706</td>
<td>4%</td>
<td>4</td>
<td>27</td>
</tr>
<tr>
<td>15-24 years</td>
<td>6,707</td>
<td>15%</td>
<td>41</td>
<td>107</td>
</tr>
<tr>
<td>25-34 years</td>
<td>8,030</td>
<td>18%</td>
<td>13</td>
<td>228</td>
</tr>
<tr>
<td>35-44 years</td>
<td>7,048</td>
<td>16%</td>
<td>15</td>
<td>303</td>
</tr>
<tr>
<td>45-54 years</td>
<td>6,750</td>
<td>15%</td>
<td>19</td>
<td>421</td>
</tr>
<tr>
<td>55-64 years</td>
<td>5,645</td>
<td>13%</td>
<td>9</td>
<td>533</td>
</tr>
<tr>
<td>65-74 years</td>
<td>3,206</td>
<td>7%</td>
<td>13</td>
<td>586</td>
</tr>
<tr>
<td>75-84 years</td>
<td>2,119</td>
<td>5%</td>
<td>5</td>
<td>640</td>
</tr>
<tr>
<td>85+ years</td>
<td>1,728</td>
<td>4%</td>
<td>5</td>
<td>573</td>
</tr>
<tr>
<td>Unknown</td>
<td>78</td>
<td>0%</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>43,735</td>
<td>125</td>
<td>3,451</td>
<td>1,199</td>
</tr>
</tbody>
</table>

Hospitalization counts include anyone who was hospitalized at some point during their illness. It does not reflect the number of people currently hospital. 
Other race includes any person with a race of American Indian/Alaskan native, Asian, native Hawaiian/Pacific Islander, or other.
Questions?

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>13.22% positivity rate</td>
<td>13.23% positivity rate</td>
<td>13.16% positivity rate</td>
<td>12.98% positivity rate</td>
<td>12.83% positivity rate</td>
<td>12.79% positivity rate</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>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>4.74% (avg.‡) daily lab COVID-19 positivity rate</td>
<td>3.87% (avg.‡) daily lab COVID-19 positivity rate</td>
<td>3.47% (avg.‡) daily lab COVID-19 positivity rate</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 above 5% over a 14-day period</td>
<td>Positive (increase) trend in COVID-19 positivity rate</td>
<td>5.86% (avg.³) daily lab COVID-19 positivity rate</td>
<td>4.97% (avg.³) daily lab COVID-19 positivity rate</td>
<td>4.3% (avg.³) daily lab COVID-19 positivity rate</td>
<td>3.67% (avg.³) daily lab COVID-19 positivity rate</td>
<td></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>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>
<td>234 (avg.‡) COVID-19 (+) patients hospitalized per day</td>
<td>207 (avg.‡) COVID-19 (+) patients hospitalized per day</td>
<td>167 (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>936 deaths; 2.5% death rate</td>
<td>992 deaths; 2.5% death rate</td>
<td>1,061 deaths; 2.6% death rate</td>
<td>1,119 deaths; 2.6% death rate</td>
<td>1,170 deaths; 2.7% death rate</td>
<td>1,199 deaths; 2.7% 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>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>
<td>1.7 (avg.‡) COVID-91-related deaths/day</td>
<td>1.6 (avg.‡) COVID-91-related deaths/day</td>
<td>2.0 (avg.‡) COVID-91-related deaths/day</td>
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## Covid-19 Phased Restart (CPR) Program

### Resurgence indicators

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<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>2.5 (avg. ³) COVID-19 related deaths/day</td>
<td>1.8 (avg. ³) COVID-19 related deaths/day</td>
<td>3.0 (avg. ³) COVID-19 related deaths/day</td>
<td>1.7 (avg. ³) COVID-19 related deaths/day</td>
<td>1.8 (avg. ³) COVID-19 related deaths/day</td>
<td>2.6 (avg. ³) COVID-19 related deaths/day ²</td>
</tr>
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<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>Positive (increase) trend in hospital COVID-19 ICU bed utilization over a five-day period</td>
<td>132.0 (avg. ³) COVID-19 ICU patients/day</td>
<td>121.0 (avg. ³) COVID-19 ICU patients/day</td>
<td>101.0 (avg. ³) COVID-19 ICU patients/day</td>
<td>82.0 (avg. ³) COVID-19 ICU patients/day</td>
<td>59.0 (avg. ³) COVID-19 ICU patients/day</td>
<td>56.0 (avg. ³) COVID-19 ICU patients/day</td>
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<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>16 public, 4 non-profit, 97 commercial testing sites; 282,189 people tested</td>
<td>16 public, 4 non-profit, 98 commercial testing sites; 295,656 people tested</td>
<td>16 public, 4 non-profit, 99 commercial testing sites; 309,689 people tested</td>
<td>16 public, 4 non-profit, 99 commercial testing sites; 323,337 people tested</td>
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Note: While ≈50% of all EMS transports, PBCFR transports are likely a representative sampling of county-wide transports.

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**Weekly counts of Emergency Department visits presenting with COVID-like illnesses (CLI) in Palm Beach County**

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**Weekly counts of ED visits presenting with CLI in PBC**

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</tr>
<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 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>DoH-PBC Epi staff increased from 91 to 94; contact tracing up-to-date</td>
<td>DoH-PBC Epi staff increased from 94 to 146; contact tracing up-to-date</td>
<td>DoH-PBC Epi staff reduced from 146 to 132; contact tracing up-to-date</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 2,032 cases; conducted over 1,025 site visits; 26 business closures</td>
<td>CECT assigned 3,736 cases; conducted over 1,560 site visits; 27 business closures</td>
<td>CECT assigned 4,114 cases; conducted over 1,763 site visits; 27 business closures</td>
<td>CECT assigned 4,495 cases; conducted over 2,190 site visits; 27 business closures</td>
<td>CECT assigned 4,710 cases; conducted over 2,510 site visits; 27 business closures</td>
<td>CECT assigned 5,044 cases; conducted over 2,853 site visits; 27 business closures</td>
</tr>
</tbody>
</table>

# benchmark or indicator as identified in the PBC EOC’s COVID-19 Phased Restart (CPR) Program
† prior 7-day average
‡ prior 14-day average
4 temporary reductions in contact tracers due to routine rotation of staff
† data from September 6 – 13, 2020.
‡† data from August 30 – September 13, 2020.

= benchmark desired outcome or trend met
= benchmark desired outcome or trend not met

9/14/2020
previous versions are obsolete
COVID-19 UPDATE

Board of County Commissioners
September 15, 2020

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

August 30 – September 14, 2020
COVID-19 daily lab positivity

August 14 – September 14, 2020
COVID-19 positive total hospital census

September 1-14, 2020

COVID-19 hospital census

\[ R^2 = 0.8821 \]
COVID-19 deaths
March 1 – September 14, 2020

August 14th - September 14th COVID Positive Deaths
updated 9/14/2020

COVID Positive Deaths
updated 9/14/2020

R^2 = 0.047

R^2 = 0.1807
COVID-19 positive ICU cases

September 1-14, 2020

R² = 0.0664
Daily Med Alerts
August 12 – September 12, 2020

PBC Med Alerts last 30 days

R² = 0.2006
ED visits with CLI

April 26 – September 12, 2020
COVID-19 testing sites

- 345,094 people tested (23% total PBC pop.)
- 14 government-sponsored sites
- 4 non-profit sites
- 99 commercial sites
- mobile “pop-up” sites
- homebound testing (PBCFR)
- www.pbcgov.org
COVID-19 testing (PBC)
Compliance

- COVID-19 Education Compliance Team (CECT)

- 5,044 cases
- 2,853 site visits
Hurricane season update

- Monitoring 7 systems in tropics
- La Niña; low upper-level wind shear
- Hurricane Sally

Be ready: www.ReadyPBC.com
Thank you