

Department of Health

COVID-19 UPDATE

BCC

PALM BEACH COUNTY



ALINA M. ALONSO, M.D.
DIRECTOR
DOH-PALM BEACH
DECEMBER 15, 2020

US and Global COVID Total Cases and Death

Data from 12/08/20

Data as of 12/13/20

USA Cases
14,923,247
+ 3,722,368

Global Cases
67,516,683

+ 36,393

USA Deaths
283,568

Global Deaths
1,543,027

USA Cases
16,420,309
+ 1,497,062

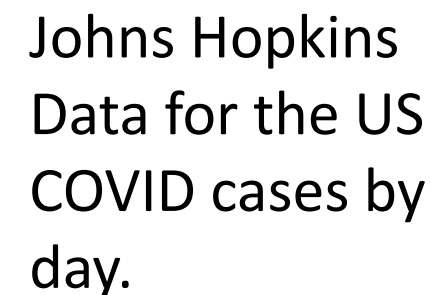
Global Cases
72,664,206

+ 16,852

USA Deaths
300,420

Global Deaths
1,618,823

Data as of 12/13/20



US Total Cases:
16,430,609



COVID Cases in Florida

Total Cases
1,134,383

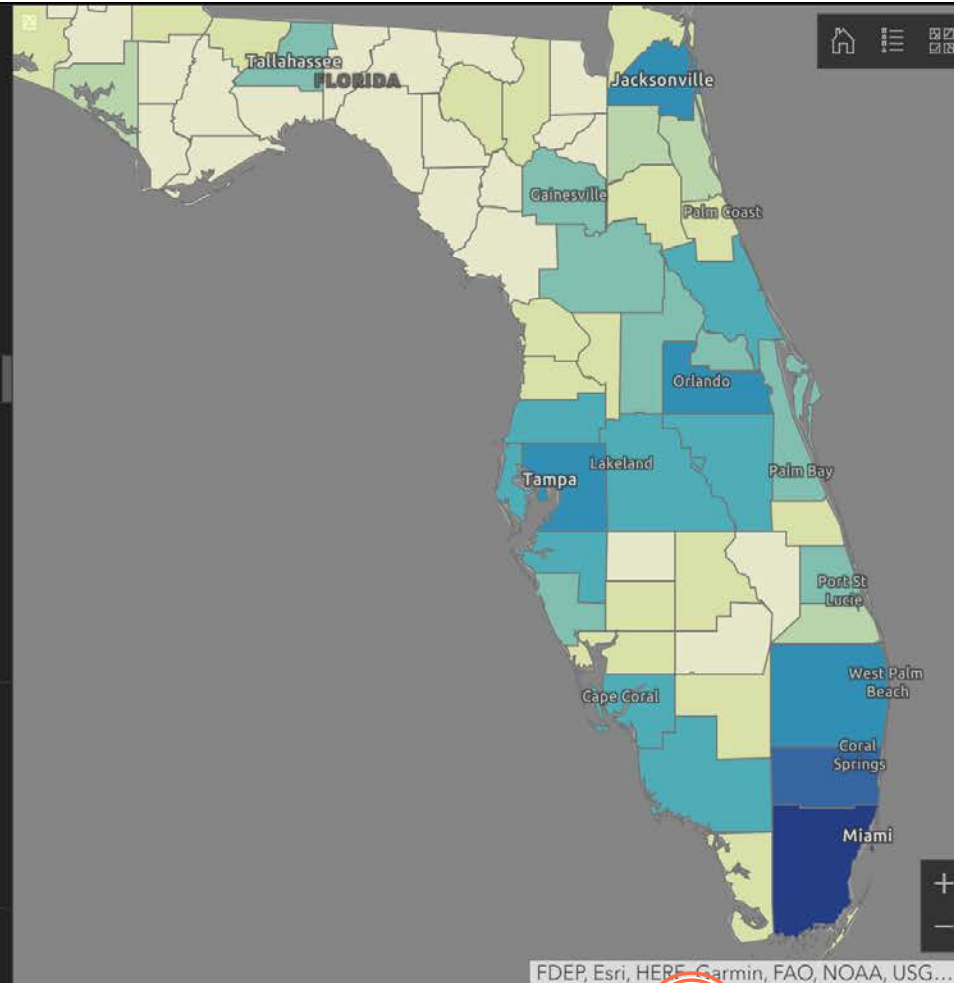
Cumulative Data for Florida Residents:

Positive Residents
1,115,446

Resident Hospitalizations
58,269

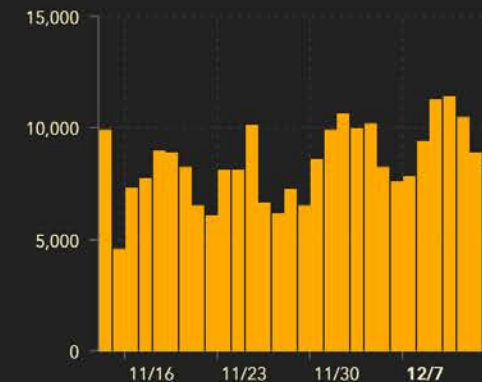
Florida Resident Deaths
20,003

Non-Resident Deaths
268

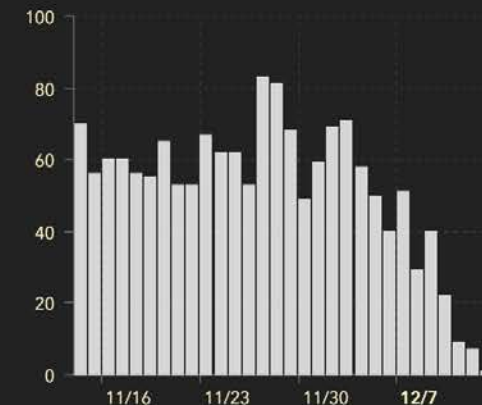


Recent Data for Florida Residents (Last 30)

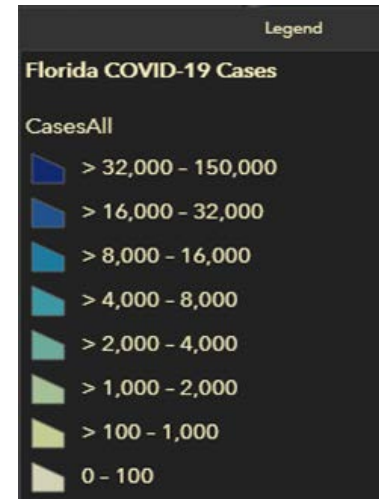
New Cases of Residents by Day



Resident Deaths by Date of Death



(+8,452) cases
(+142) hosp.
(+137) deaths



Florida
HEALTH

Daily and Total Positivity Rates Comparison

FLORIDA

DADE

BROWARD

PBC

100,089

24,893

8,985

6,438

FL Residents Positive

FL Residents Positive

FL Residents Positive

FL Residents Positive

8,334

2,270

677

365

FL Residents Negative

FL Residents Negative

FL Residents Negative

FL Residents Negative

91,755

22,623

8,308

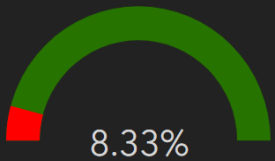
6,073

Previous Day Percent Positive

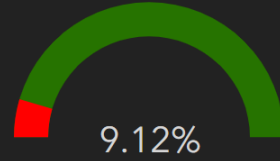
Previous Day Percent Positive

Previous Day Percent Positive

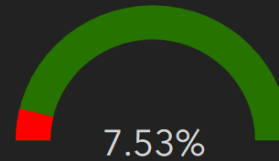
Previous Day Percent Positive



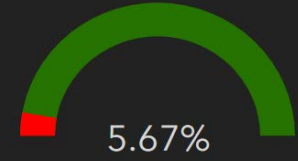
8.33%



9.12%



7.53%



5.67%



8.33%/14.32%



9.12%

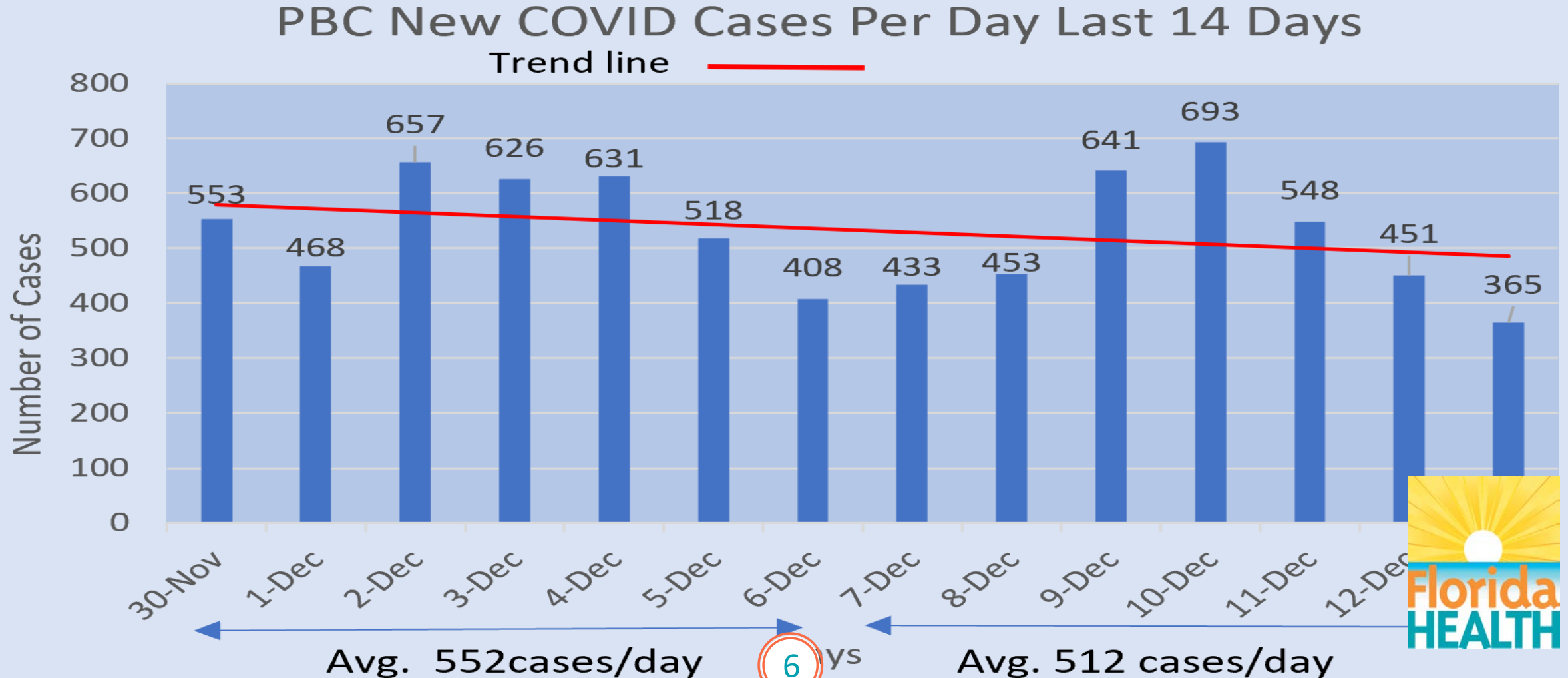


7.53%

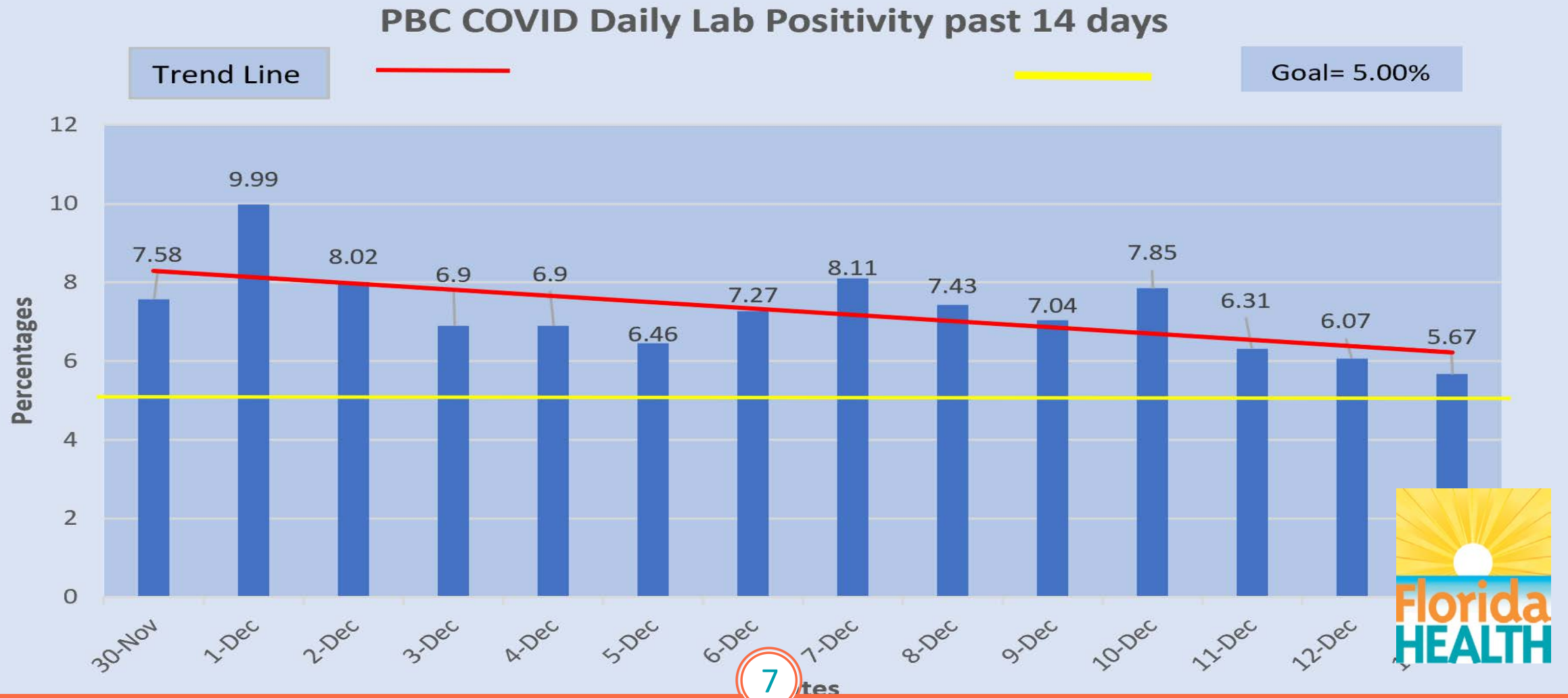


5.67%/13.36%

PBC COVID New Daily Cases



PBC Daily Lab Positivity Rates



Two Operational Vaccination Plans

1. **Hospitals** have started receiving Pfizer Vaccine on 12/14 delivered by FedEx and UPS in an unprecedented cooperation between the two rival companies. Five hospitals were chosen to accept the first shipments here in Florida. These hospitals are as follows:
 - o Jackson Memorial Hospital in Miami-Dade County
 - o Memorial Healthcare System in Broward County
 - o Tampa General Hospital in Hillsborough County
 - o AdventHealth Medical Group in Orange County
 - o UF Health in Duval County

As these hospitals vaccinate their staff and get more vaccine, they will roll it out to other counties. All Region 7 hospital staff in contact with COVID patients are expected to be vaccinated by the end of December.

2. **Nursing homes and Assisted Living Facilities** who registered to receive help from CVS and Walgreens will start getting their staff and residents vaccinated starting next week. DOH at the State level has arranged to augment Walgreens and CVS if they need help. This will be accomplished with Incident Management Teams (IMT) that will be deployed to facilities the pharmacies cannot handle. The Moderna vaccine that does not require the extra cold storage will be received by the DOH-Palm Beach and we will have the IMTs pick up the vaccine at designated locations for deployment.



Next step after Hospitals & LTCF

VACCINATION FOR THE GENERAL PUBLIC

- Following the initial distributions to hospitals and LTCF, three groups will follow:
 - **high-risk frontline healthcare workers**
 - **first responders**
 - **additional priority groups**
- The state is committed to providing the vaccine to each priority group and to the general public as quickly as possible, however, much of these plans are dependent on vaccine supply.
- Updates on timeline for the general public will be provided as those plans become available.



What can we do until we reach the light at the end of the tunnel?

MASK UP, LATHER UP, SLEEVE UP



Avoid the 3
Cs

10

#FIGHT FLU



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:

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	Nov. 9, 2020	Nov. 16, 2020	Nov. 23, 2020	Nov. 30, 2020	Dec. 7, 2020	Dec. 14, 2020
1	Overall percentage of tests with positive COVID-19 results (overall positivity rate)	Sustained reduction trend in the overall COVID-19 positivity rate	Positive (increase) trend in COVID-19 positivity rate	12.21% positivity rate ⁶	12.52% positivity rate	12.73% positivity rate	12.85% positivity rate	13.11% positivity rate	13.31% positivity rate
	Percentage of tests with positive COVID-19 results <u>each</u> day (daily lab positivity rate)	Sustained reduction trend in the daily lab COVID-19 positivity rate	Positive (increase) trend in COVID-19 positivity rate over a 7-day period	7.12% (avg.‡) daily lab COVID-19 positivity rate	8.3% (avg.‡) daily lab COVID-19 positivity rate	7.39% (avg.‡) daily lab COVID-19 positivity rate	6.48% (avg.‡) daily lab COVID-19 positivity rate	7.49% (avg.‡) daily lab COVID-19 positivity rate	7.07% (avg.‡) daily lab COVID-19 positivity rate
	Percentage of tests with positive COVID-19 results <u>each</u> day (daily lab positivity rate)	Sustained reduction trend in the daily lab COVID-19 positivity rate (14-day)	Positive (increase) trend in COVID-19 positivity rate above 5% over a 14-day period	6.62% (avg. ³) daily lab COVID-19 positivity rate	7.53% (avg. ³) daily lab COVID-19 positivity rate	7.77% (avg. ³) daily lab COVID-19 positivity rate	6.97% (avg. ³) daily lab COVID-19 positivity rate	7.02% (avg. ³) daily lab COVID-19 positivity rate	7.28% (avg. ³) daily lab COVID-19 positivity rate
2	Daily hospitalizations for COVID-19 in Palm Beach County	Sustained reduction trend in daily hospitalization rate for COVID-19	Positive (increase) trend in the daily hospitalization rate for COVID-19 patients over a five-day period	166 (avg.‡) COVID-19 ⊕ patients hospitalized per day	227 (avg.‡) COVID-19 ⊕ patients hospitalized per day	251 (avg.‡) COVID-19 ⊕ patients hospitalized per day	286 (avg.‡) COVID-19 ⊕ patients hospitalized per day	288 (avg.‡) COVID-19 ⊕ patients hospitalized per day	307 (avg.‡) COVID-19 ⊕ patients hospitalized per day
3	COVID-19 death rate	Sustained reduction trend in COVID-19 death rate toward pre-pandemic status	Positive (increase) trend in the COVID-19 death rate over a five-day period	1,610 deaths; 2.8% death rate	1,627 deaths; 2.7% death rate	1,659 deaths; 2.6% death rate	1,694 deaths; 2.6% death rate	1,731 deaths; 2.49% death rate	1,774 deaths; 2.42% death rate
	COVID-19 daily death rate	Sustained reduction trend in COVID-19 daily death rate (7-day)	Positive (increase) trend in the COVID-19 daily death rate	1.7 (avg.‡) COVID-19-related deaths/day	1.0 (avg.‡) COVID-19-related deaths/day	1.0 (avg.‡) COVID-19-related deaths/day	1.3 (avg.‡) COVID-19-related deaths/day	1.0 (avg.‡) COVID-19-related deaths/day	1.4 (avg.‡) COVID-19-related deaths/day†

Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	Nov. 9, 2020	Nov. 16, 2020	Nov. 23, 2020	Nov. 30, 2020	Dec. 7, 2020	Dec. 14, 2020
	COVID-19 daily death rate	Sustained reduction trend in COVID-19 daily death rate (14 day)	Positive (increase) trend in the COVID-19 daily death rate	2.6 (avg. ³) COVID-19-related deaths/day	1.0 (avg. ³) COVID-19-related deaths/day	1.5 (avg. ³) COVID-19-related deaths/day	1.6 (avg. ³) COVID-19-related deaths/day	1.5 (avg. ³) COVID-19-related deaths/day	1.4 (avg. ³) COVID-19-related deaths/day††
4	Ability of hospitals in Palm Beach County to safely treat all patients requiring hospitalization without resorting to crisis standards of care	Sustained reduction in hospital COVID-19 ICU bed utilization	Positive (increase) trend in hospital COVID-19 ICU bed utilization over a seven-day period	29.9 (avg.‡) COVID-19 ICU patients/day	43.1 (avg.‡) COVID-19 ICU patients/day	57.1 (avg.‡) COVID-19 ICU patients/day	68.7 (avg.‡) COVID-19 ICU patients/day	64.0 (avg.‡) COVID-19 ICU patients/day	70.7 (avg.‡) COVID-19 ICU patients/day
	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 county-wide transports.	Sustained reduction in patients transported by Palm Beach County Fire-Rescue as “Med-Alerts”	Positive (increase) trend in daily Med Alert patients transported by Palm Beach County Fire-Rescue	9.7 (avg.‡) Med Alert patients/day	11.1 (avg.‡) Med Alert patients/day	12.9 (avg.‡) Med Alert patients/day	11.4 (avg.‡) Med Alert patients/day	13.71 (avg.‡) Med Alert patients/day	13.29 (avg.‡) Med Alert patients/day
	Weekly counts of Emergency Department visits presenting with COVID-like illnesses (CLI) in Palm Beach County	Sustained reduction in weekly counts of ED visits presenting with CLI in PBC	Positive (increase) trend in weekly counts of ED visits presenting with CLI in PBC	338 ED visits presenting with CLI	439 ED visits presenting with CLI	432 ED visits presenting with CLI	349 ED visits presenting with CLI	430 ED visits presenting with CLI	432 ED visits presenting with CLI
5	Access to COVID-19 testing	Easy access to various types of COVID-19 testing	Marked reported or observed increase in challenges to access to various types of COVID-19 testing	12 public, 4 non-profit, 104 commercial testing sites; 449,700 people tested	12 public, 4 non-profit, 104 commercial testing sites; 466,379 people tested	12 public, 4 non-profit, 105 commercial testing sites; 489,066 people tested	12 public, 4 non-profit, 105 commercial testing sites; 508,540 people tested	12 public, 4 non-profit, 105 commercial testing sites; 528,743 people tested	12 public, 4 non-profit, 106 commercial testing sites; 548,881 people tested

Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	Nov. 9, 2020	Nov. 16, 2020	Nov. 23, 2020	Nov. 30, 2020	Dec. 7, 2020	Dec. 14, 2020
6	Ability to monitor confirmed cases and contacts	Capacity to adequately monitor cases and contacts	Marked reported or observed increase in challenges to contact tracing	DoH-PBC Epi staff remained the same at 146; contact tracing up-to-date ⁵	DoH-PBC Epi staff remained the same at 146; contact tracing up-to-date ⁵	DoH-PBC Epi staff remained the same at 146; contact tracing up-to-date ⁷	DoH-PBC Epi staff remained the same at 146; contact tracing up-to-date ⁸	DoH-PBC Epi staff remained the same at 146; contact tracing up-to-date ⁹	DoH-PBC Epi staff remained the same at 203; contact tracing up-to-date ¹⁰
7	Level of compliance with Phase 1 related executive orders	High level of compliance with Phase 1 related executive orders	Not applicable.	CECT assigned 6,291 cases; conducted over 6,330 site visits; 27 business closures	CECT assigned 6,510 cases; conducted over 6,509 site visits; 27 business closures	CECT assigned 6,879 cases; conducted over 6,845 site visits; 27 business closures	CECT assigned 7,060 cases; conducted over 7,124 site visits; 27 business closures	CECT assigned 7,227 cases; conducted over 7,293 site visits; 27 business closures	CECT assigned 7,227 cases; conducted over 7,293 site visits; 27 business closures ¹¹

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 temporary reductions in contact tracers due to routine rotation of staff or right-sizing of operations

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

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

⁷contact tracing remains up-to-date, but only 81% of positive cases were contacted and interviewed within 48 hours of notification of test results

⁸contact tracing remains up-to-date, but only 76% of positive cases were contacted and interviewed within 48 hours of notification of test results (91% within 72 hours)


⁹contact tracing remains up-to-date, but only 48.9% of positive cases were contacted and interviewed within 48 hours of notification of test results


¹⁰contact tracing remains up-to-date, but only 54.6% of positive cases were contacted and interviewed within 48 hours of notification of test results

¹¹as of Monday, December 7, 2020

† data from December 3 – December 10, 2020.

†† data from November 26 – December 10, 2020.

 = benchmark desired outcome or trend met

 = benchmark desired outcome or trend not met

12/14/2020

previous versions are obsolete



COVID-19 UPDATE

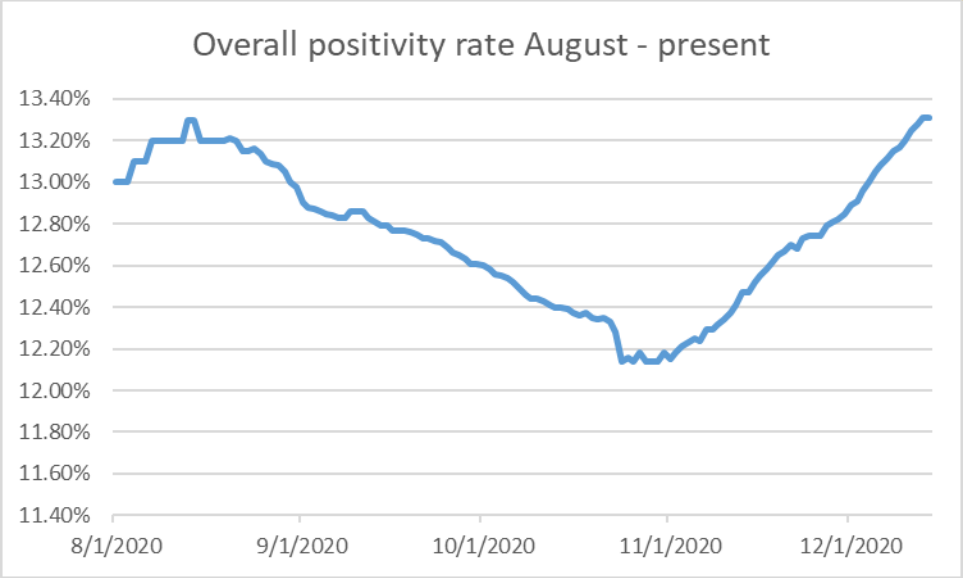
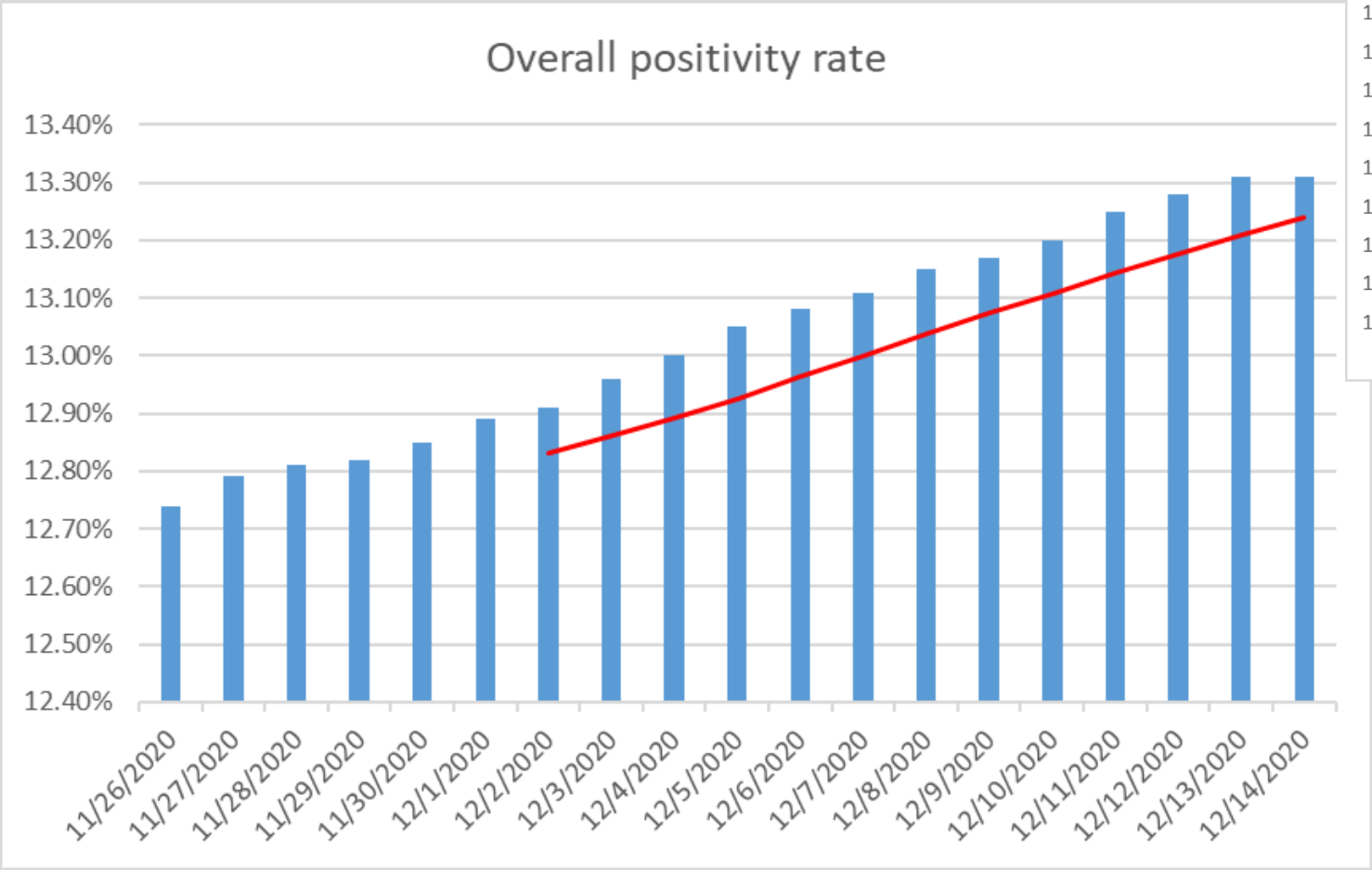
Board of County Commissioners
December 15, 2020

Mary Blakeney, Senior Manager
Division of Emergency Management
Public Safety Department



COVID-19 total tested positivity

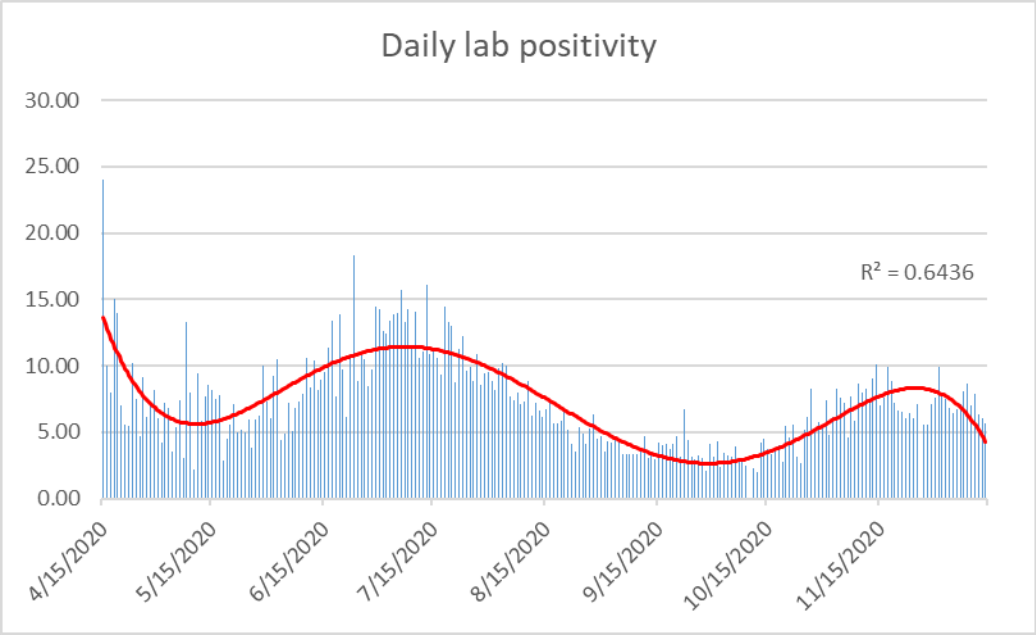
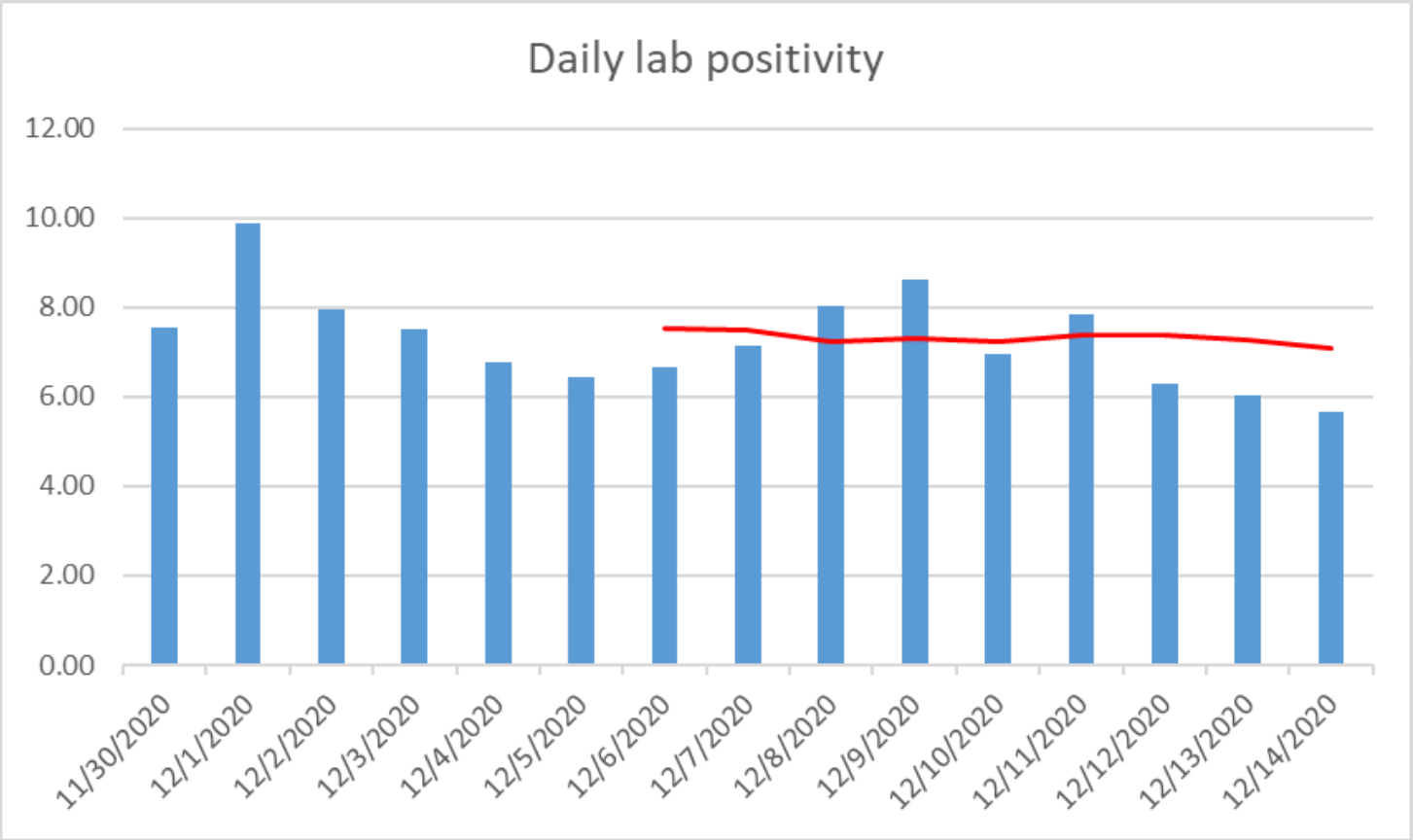
November 26 – December 14, 2020





COVID-19 daily lab positivity

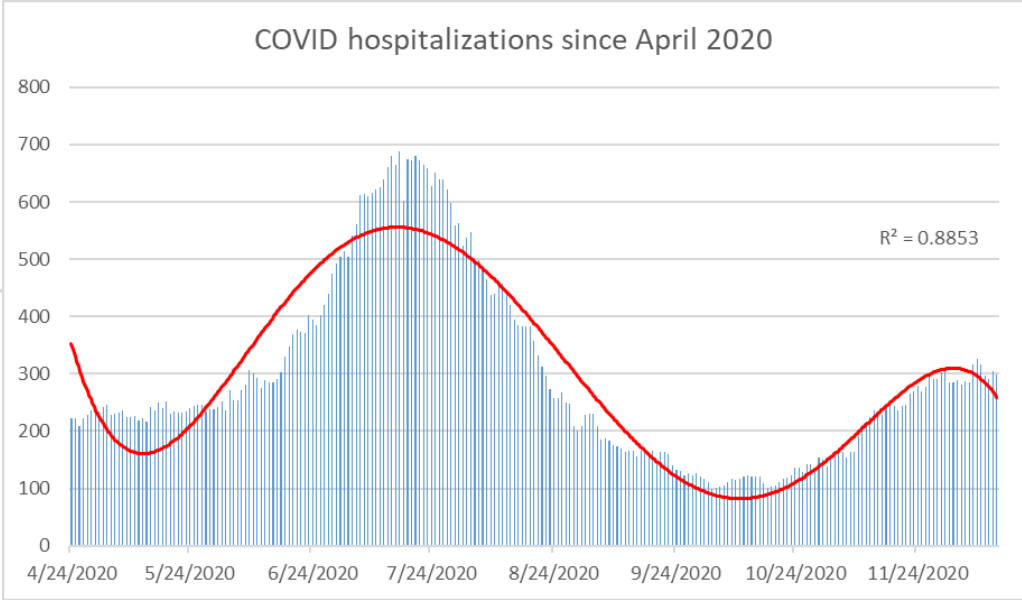
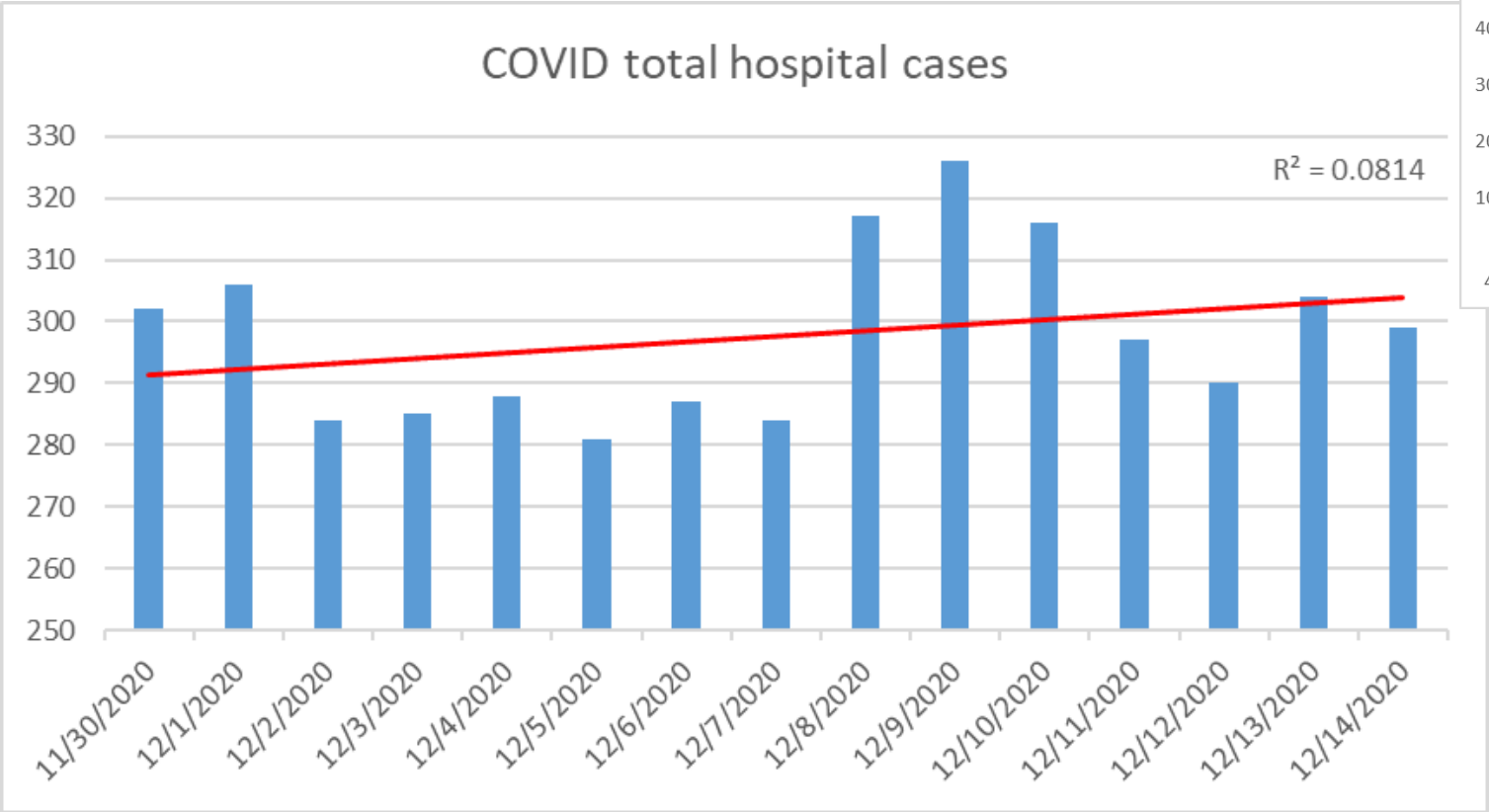
November 30 – December 14, 2020





COVID-19 positive total hospital census

November 30 – December 14, 2020

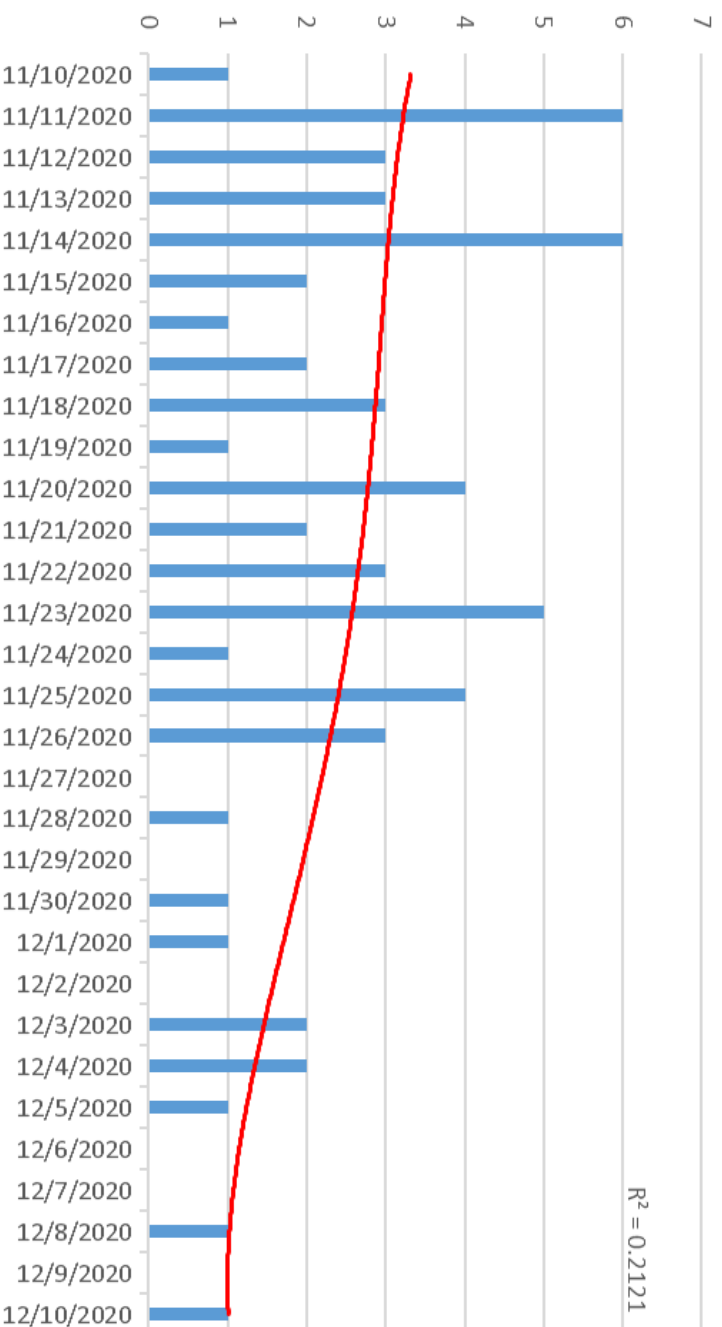


COVID-19 deaths

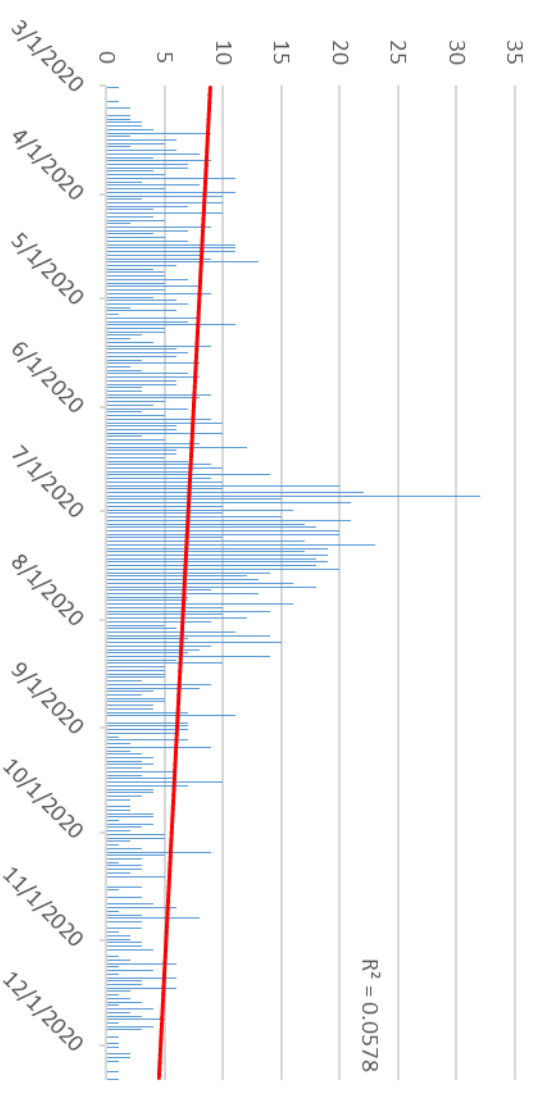
March 1 – December 10, 2020



COVID deaths



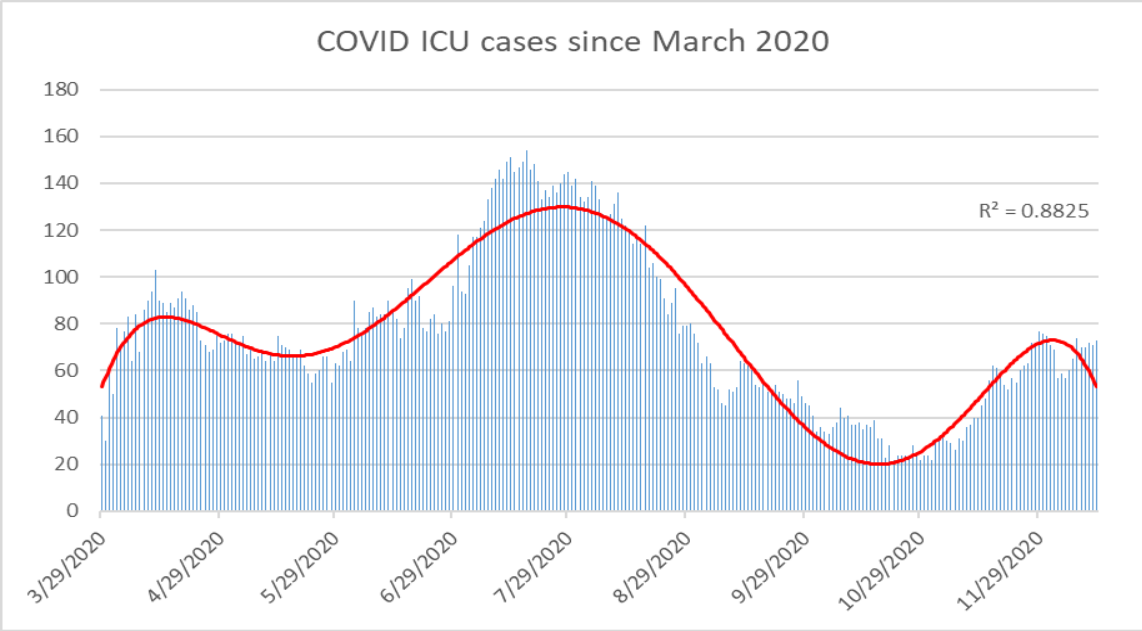
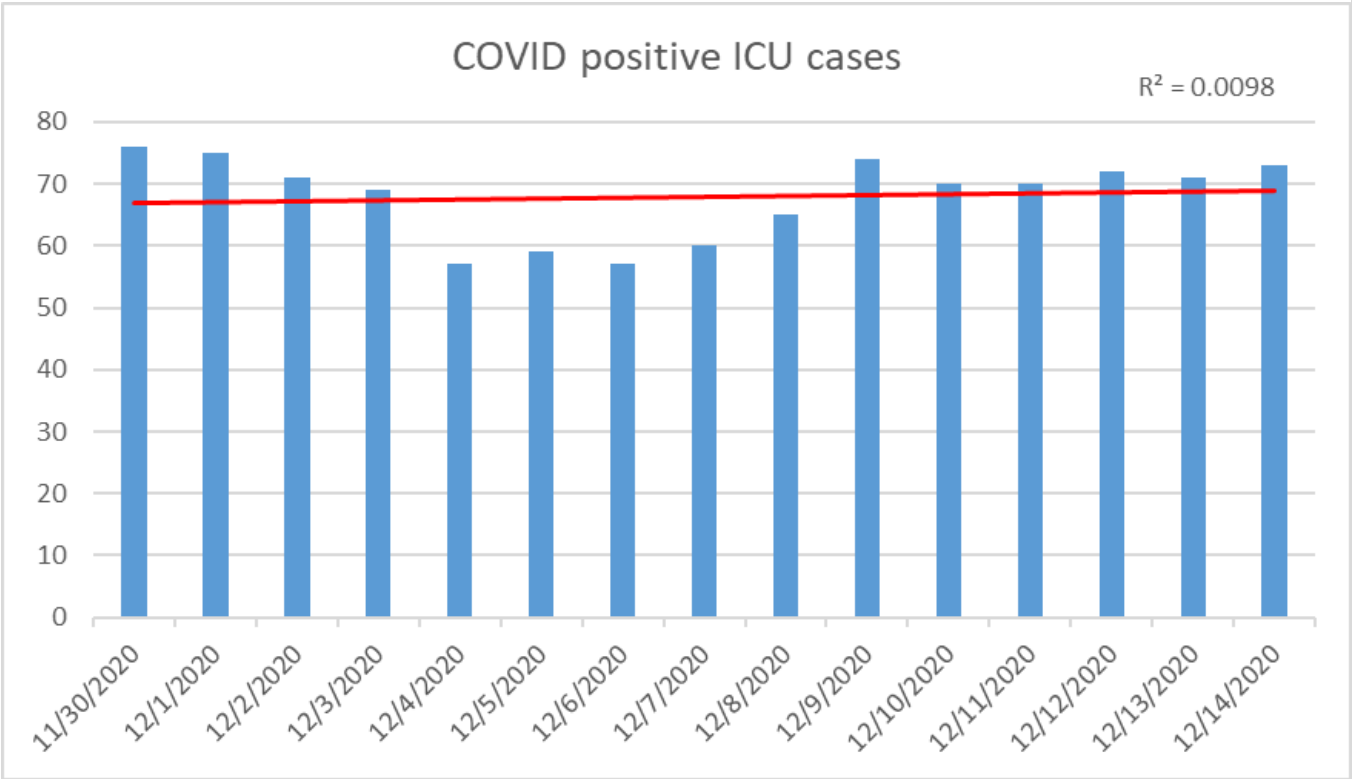
COVID positive deaths





COVID-19 positive ICU cases

November 30 – December 14, 2020

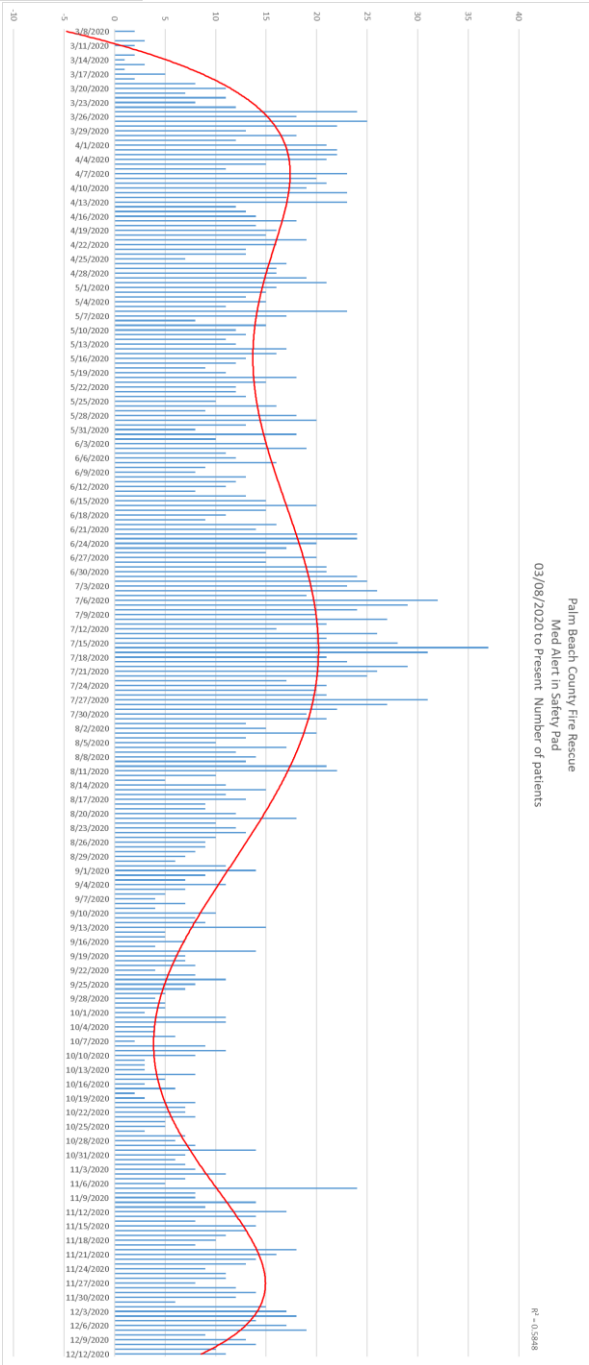
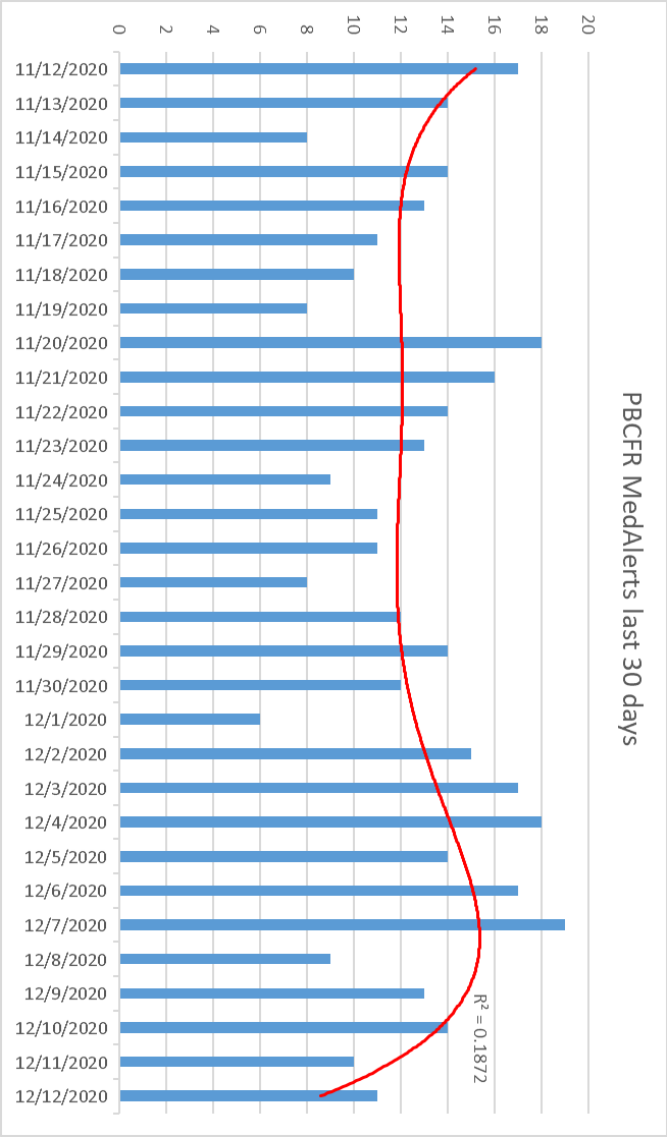


Daily Med Alerts

November 5 – December 5, 2020



PBCFR MedAlerts last 30 days



Palm Beach County Fire Rescue
Med Alert in Safety Pad
03/05/2020 to Present Number of patients

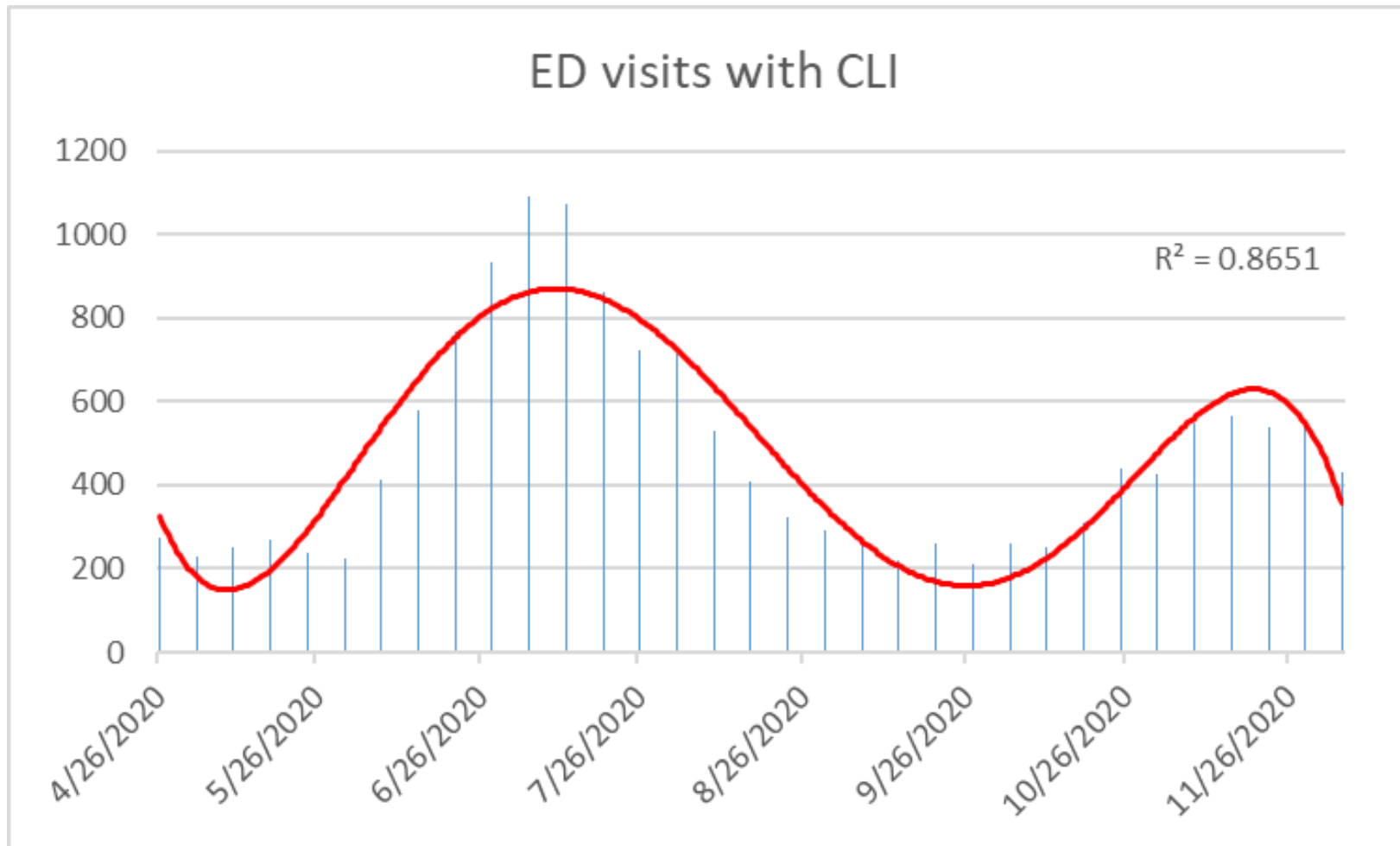
$R^2 = 0.5848$





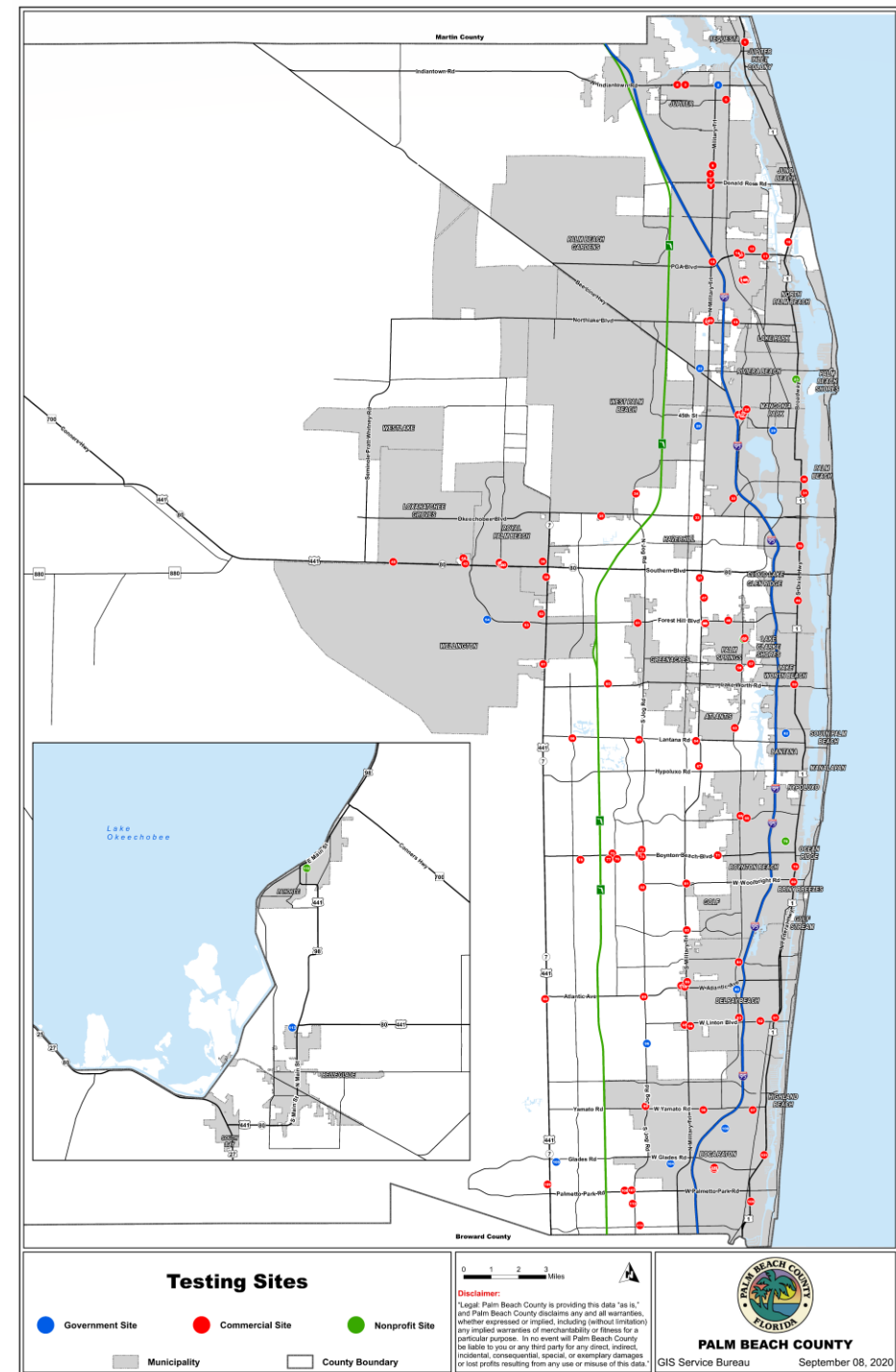
ED visits with CLI

April 26 – December 12, 2020



COVID-19 testing sites

- 548,881 people tested (36.6% total PBC pop.)
- 12 government-sponsored sites
- 4 non-profit sites
- 106 commercial sites
- mobile “pop-up” sites
- homebound testing (PBCFR)
- www.pbcgov.org



COVID-19 stakeholders

- Weekly calls with area universities and hospitals
- Hospitals: slow, steady increase in patients; manageable
- Hospitals: staffing shortages will be a significant challenge
- Universities: fewer student cases; more staff and faculty cases.



Avoid the Three Cs

1. Crowded Places



Avoid gathering in groups where you can't maintain 6-foot distance from others.

2. Close Contact



Wear a mask or **maintain** 6-foot 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 ...