

Department of Health

COVID-19 UPDATE

BCC

PALM BEACH COUNTY



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DIRECTOR
DOH-PALM BEACH
DECEMBER 8, 2020

US and Global COVID Total Cases and Death

Data from 11/17/20

Data as of 12/07/20

USA Cases
11,200,879

Global Cases
54,988,459

USA Deaths
247,175

Global Deaths
1,326,449

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

Global Cases
67,516,683

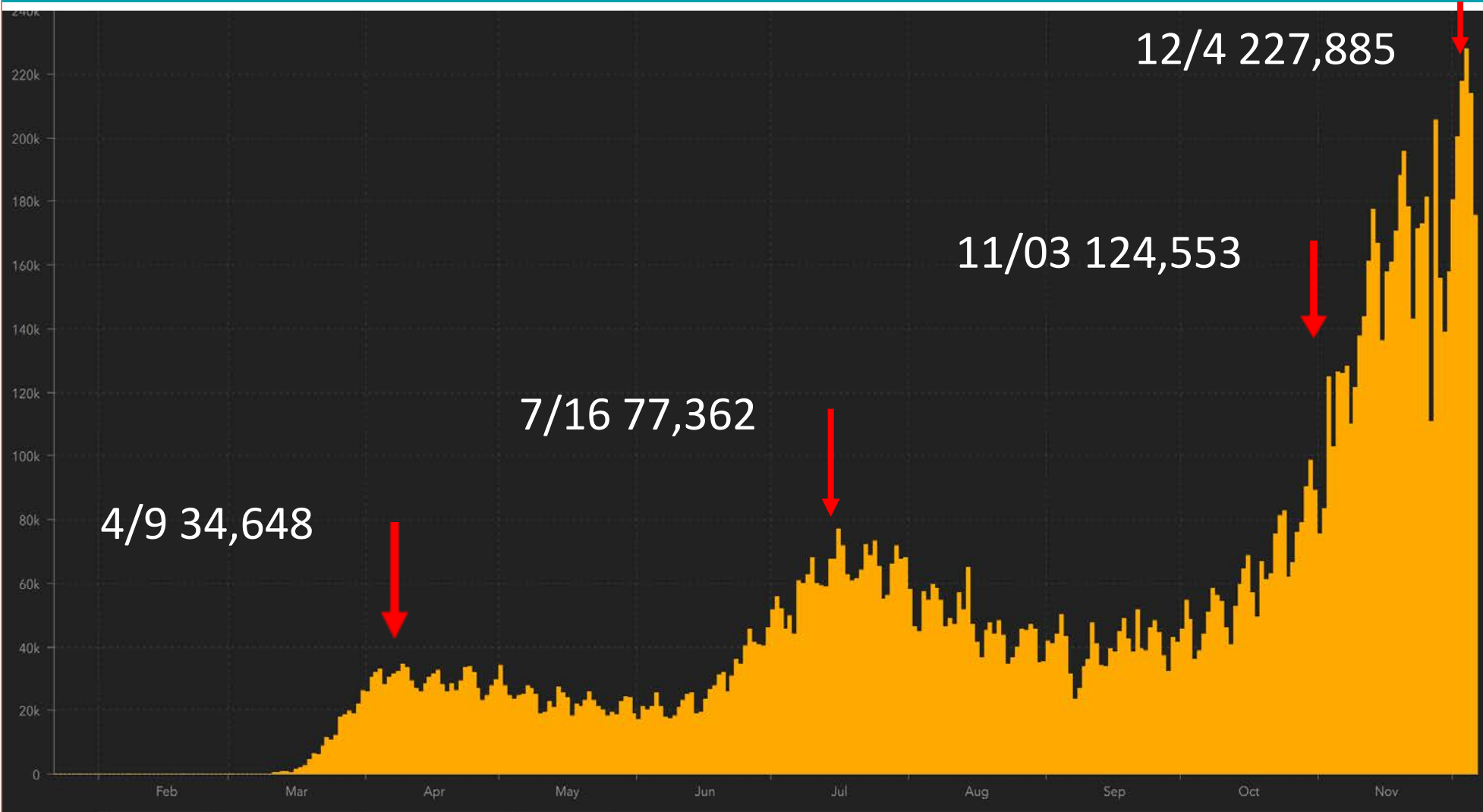
+ 36,393

USA Deaths
283,568

Global Deaths
1,543,027

US New COVID Cases by Day

Data as of 11/17/20

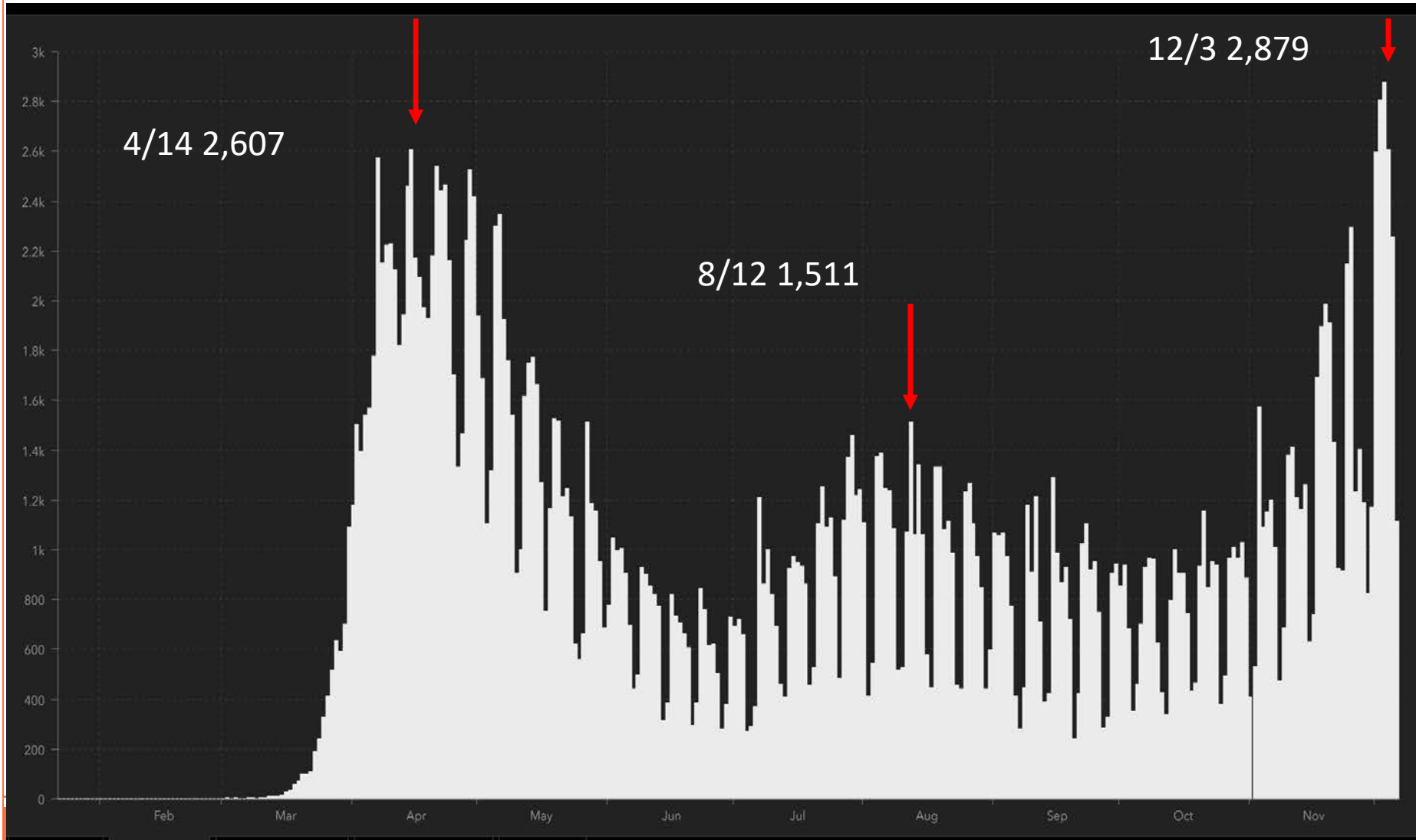


Johns Hopkins Data for the US COVID cases by day.

US Total Cases:
14,923,247



U.S. Daily Deaths



Johns Hopkins
Data for the
US COVID
Deaths by day.

283,568



COVID Cases in Florida

Data as of 12/07/20 4pm

Total Cases
1,065,785

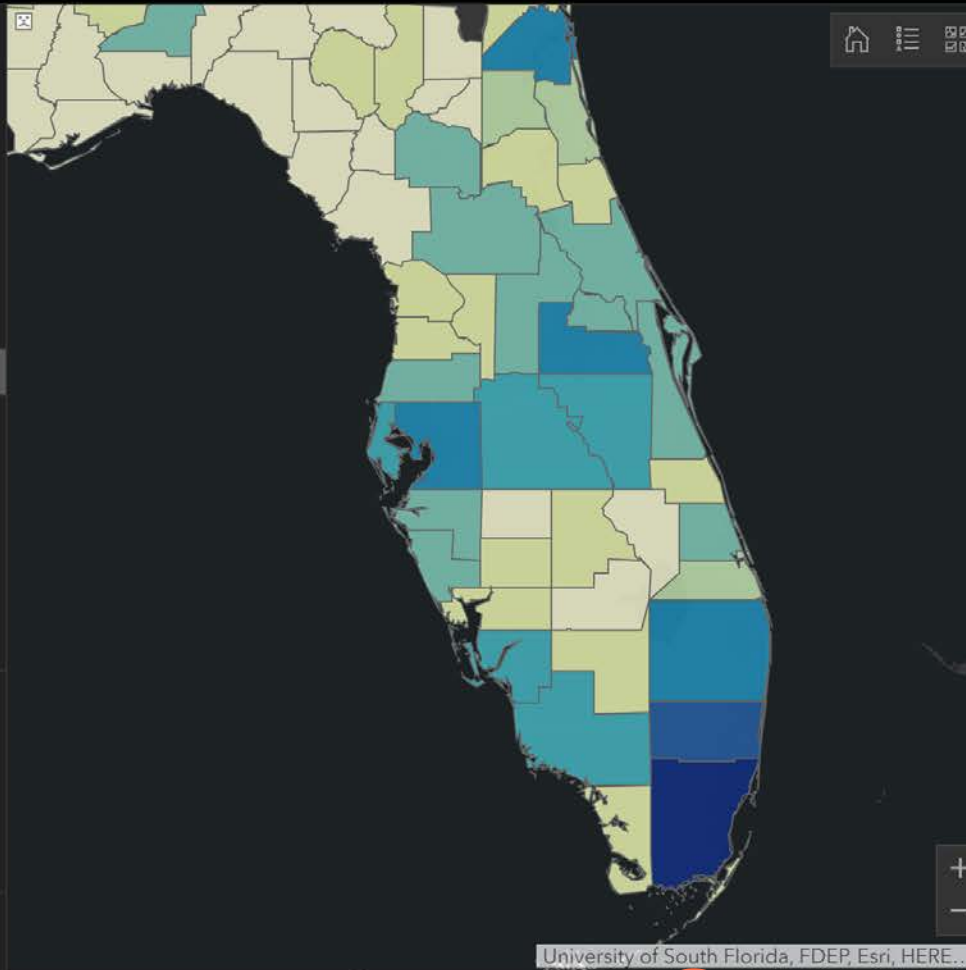
Cumulative Data for Florida Residents:

Positive Residents
1,048,264

Resident Hospitalizations
56,607

Florida Resident Deaths
19,282

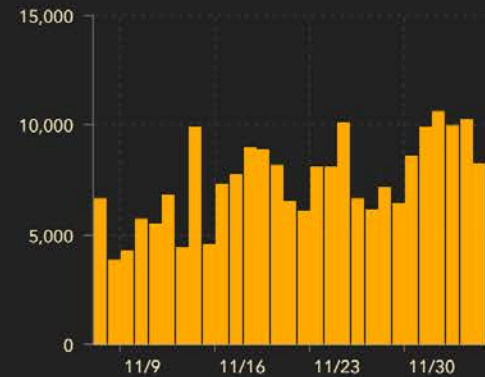
Non-Resident Deaths
247



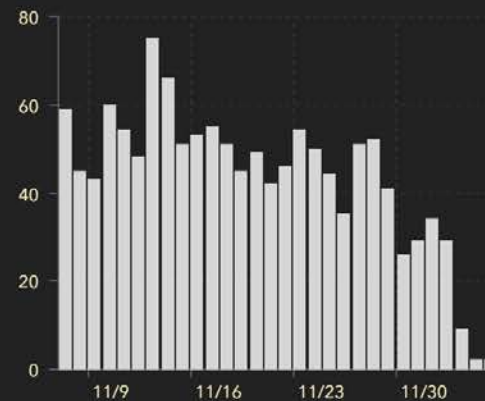
Comparison of counties is not possible because case data is adjusted by population.

Recent Data for Florida Residents (Last 30)

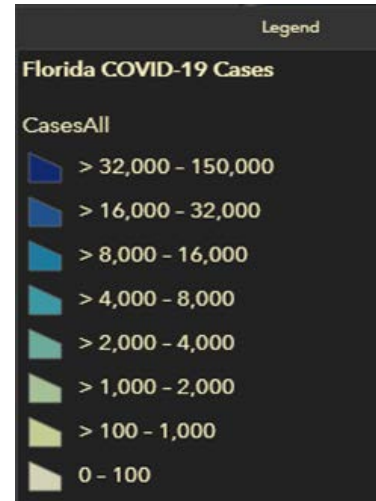
New Cases of Residents by Day



Resident Deaths by Date of Death



(+7,711) cases
(+150) hosp.
(+105) deaths



Florida
HEALTH

Daily and Total Positivity Rates Comparison

FLORIDA

99,363

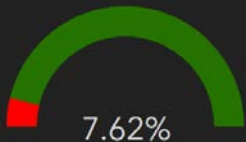
FL Residents Positive

7,575

FL Residents Negative

91,788

Previous Day Percent Positive



7.62%/14.04%

DADE

23,596

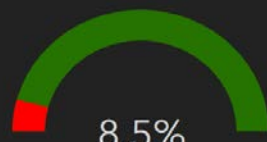
FL Residents Positive

2,006

FL Residents Negative

21,590

Previous Day Percent Positive



8.50%/17.59%

BROWARD

10,361

FL Residents Positive

796

FL Residents Negative

9,565

Previous Day Percent Positive



7.68%/13.38%

PBC

5,703

FL Residents Positive

408

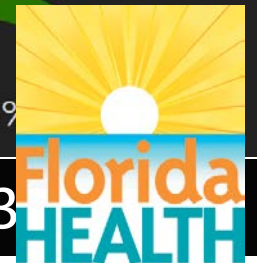
FL Residents Negative

5,295

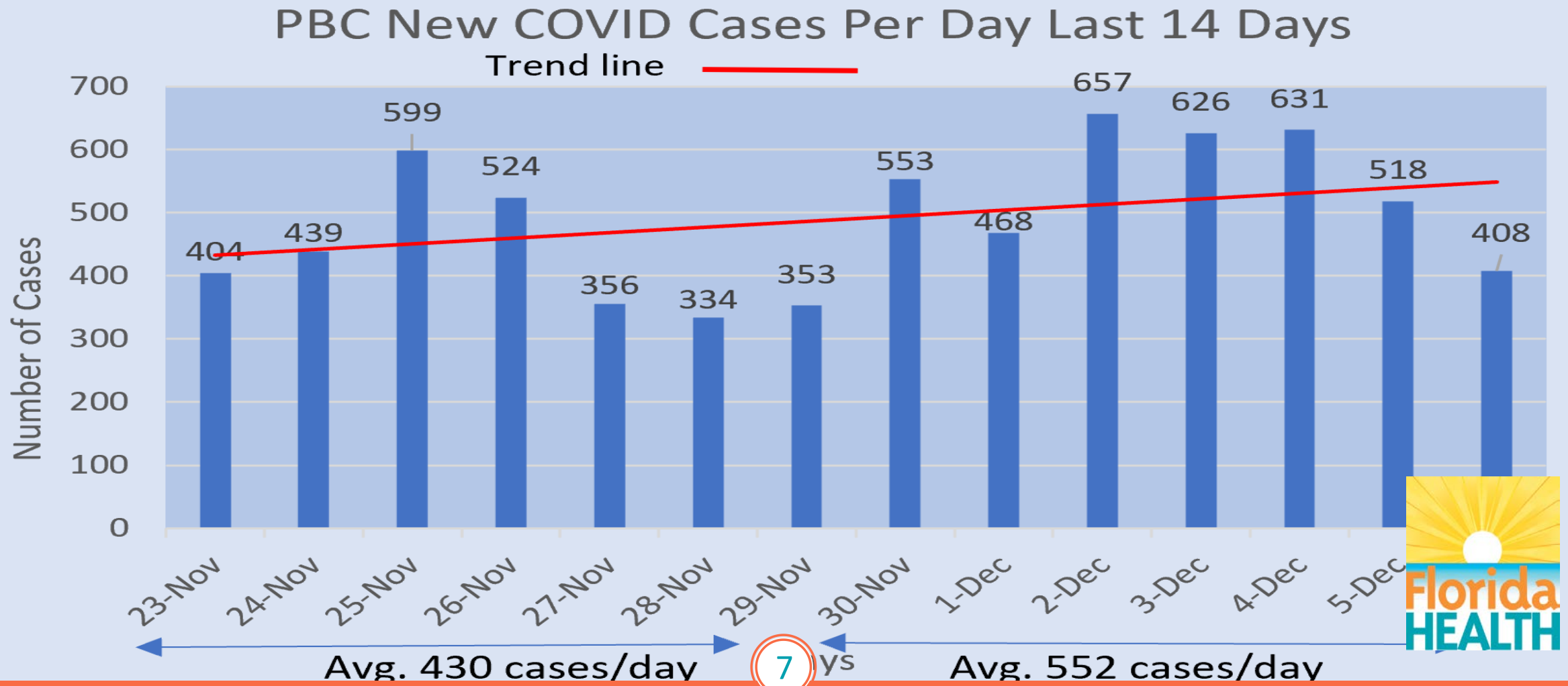
Previous Day Percent Positive



7.15%/13.38%



PBC COVID New Daily Cases



PBC Daily Lab Positivity Rates

PBC COVID Daily Lab Positivity past 14 days



PBC COVID Case by Age Distribution

Age group	All cases		New cases (12/06)		Hospitalizations		Deaths	
0-4 years	1,067	2%	3	1%	47	1%	0	0%
5-14 years	3,091	5%	27	7%	38	1%	0	0%
15-24 years	11,294	16%	55	13%	157	3%	1	0%
25-34 years	12,543	18%	68	17%	310	7%	7	0%
35-44 years	10,678	16%	69	17%	407	9%	38	2%
45-54 years	10,396	15%	55	13%	560	12%	65	4%
55-64 years	8,824	13%	53	13%	721	16%	169	10%
65-74 years	5,066	7%	50	12%	771	17%	276	16%
75-84 years	3,214	5%	16	4%	847	18%	471	27%
85+ years	2,261	3%	12	3%	727	16%	704	41%
Unknown	50	0%	0	0%	0	0%	0	0%
Total	68,484		408		4,585		1,731	



What can we do now to Prepare

MASK UP, LATHER UP, SLEEVE UP



Avoid the 3
Cs

#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. 2, 2020	Nov. 9, 2020	Nov. 16, 2020	Nov. 23, 2020	Nov. 30, 2020	Dec. 7, 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 over a five-day period	12.18% positivity rate	12.21% positivity rate ⁶	12.52% positivity rate	12.73% positivity rate	12.85% positivity rate	13.11% 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	6.12% (avg.‡) daily lab COVID-19 positivity rate	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
	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	5.41% (avg. ³) daily lab COVID-19 positivity rate	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
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	145 (avg.‡) COVID-19 ⊕ patients hospitalized per day	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
	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	1,595 deaths; 3.0% death rate	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
3	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	1.0 (avg.‡) COVID-19-related deaths/day	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†

Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	Nov. 2, 2020	Nov. 9, 2020	Nov. 16, 2020	Nov. 23, 2020	Nov. 30, 2020	Dec. 7, 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	2.0 (avg. ³) COVID-19-related deaths/day	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 ^{††}
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	25.0 (avg.‡) COVID-19 ICU patients/day	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
	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	7.1 (avg.‡) Med Alert patients/day	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
	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	358 ED visits presenting with CLI	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
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	13 public, 4 non-profit, 104 commercial testing sites; 436,466 people tested	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



Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	Nov. 2, 2020	Nov. 9, 2020	Nov. 16, 2020	Nov. 23, 2020	Nov. 30, 2020	Dec. 7, 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 145; 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 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
7	Level of compliance with Phase 1 related executive orders	High level of compliance with Phase 1 related executive orders	Not applicable.	CECT assigned 6,134 cases; conducted over 6,184 site visits; 27 business closures	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

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*.


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


⁸ contact 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)

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

† data from November 20 – December 4, 2020.


†† data from November 6 – November 20, 2020.


 = benchmark desired outcome or trend met

 = benchmark desired outcome or trend not met

12/07/2020

previous versions are obsolete

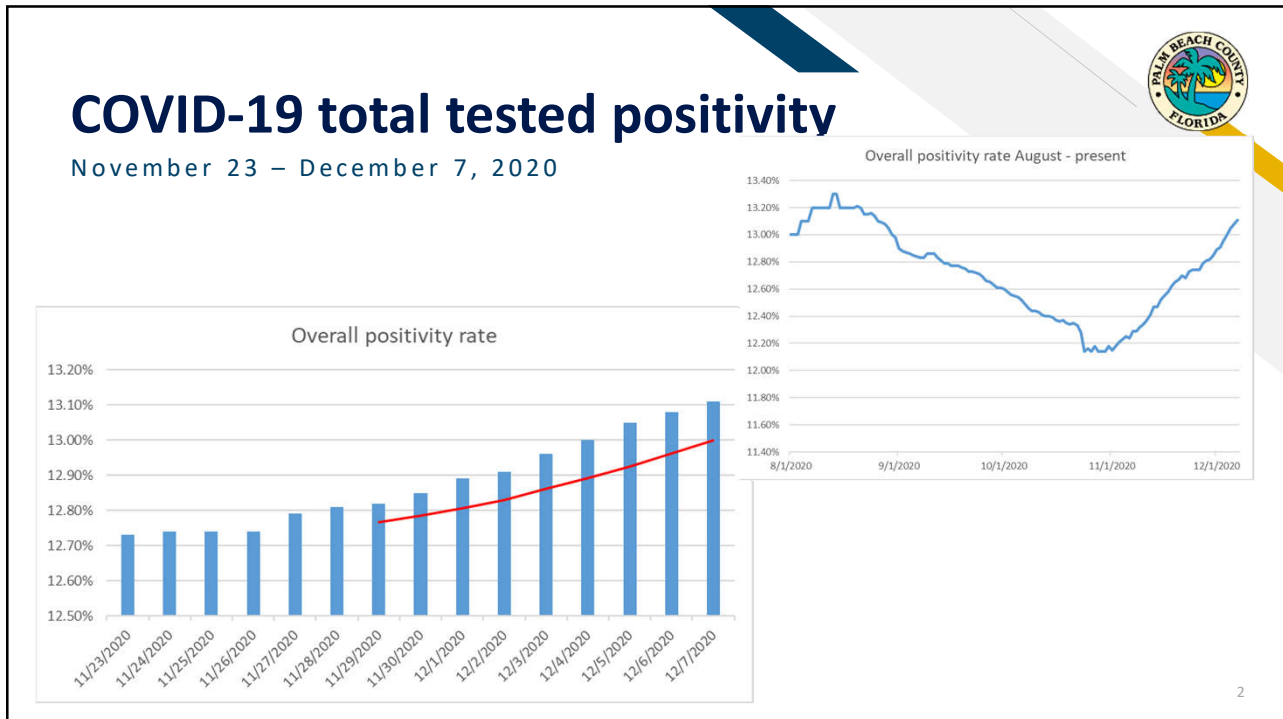




COVID-19 UPDATE

Board of County Commissioners
December 8, 2020

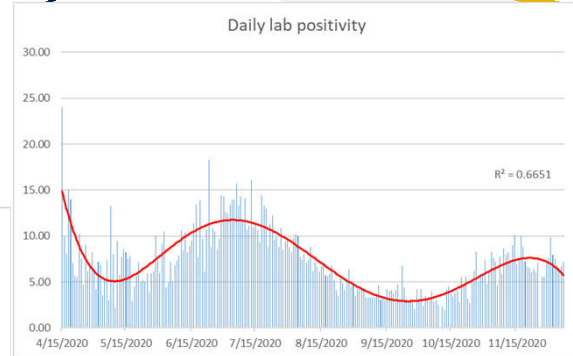
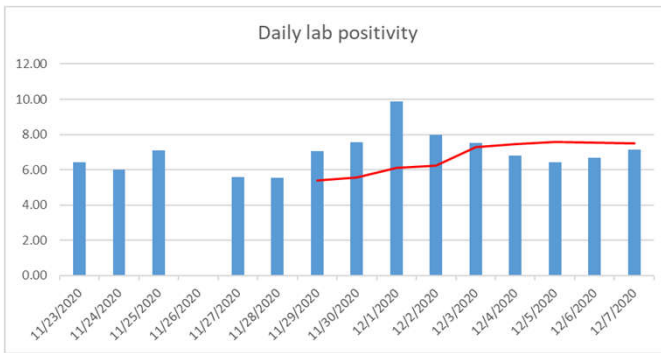
Bill Johnson, RN
Division of Emergency Management
Public Safety Department





COVID-19 daily lab positivity

November 23 – December 7, 2020

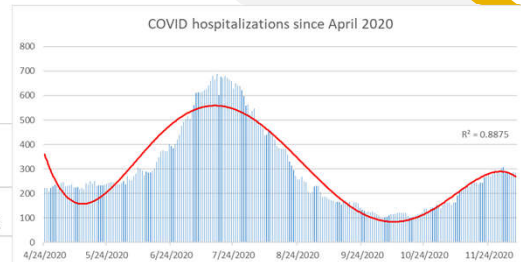
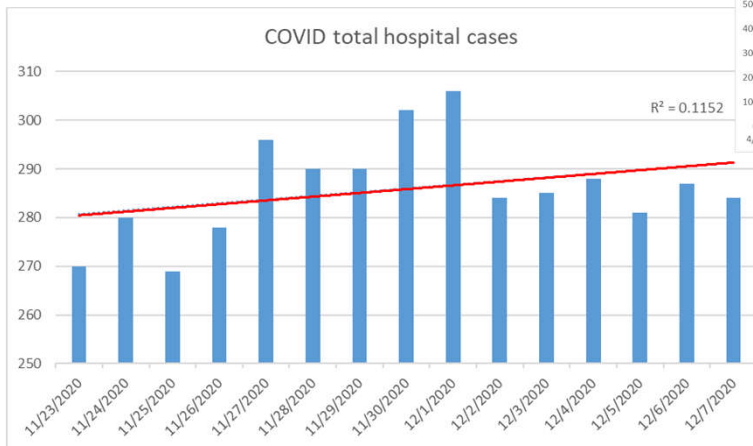


3



COVID-19 positive total hospital census

November 23 – December 7, 2020

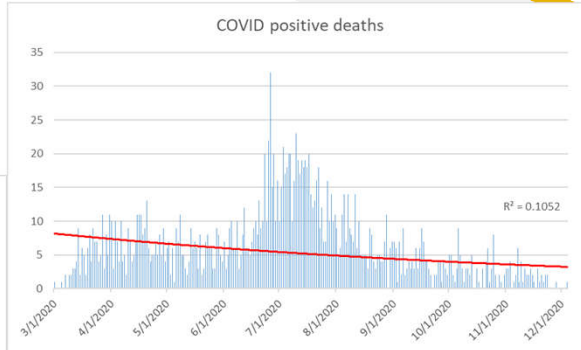
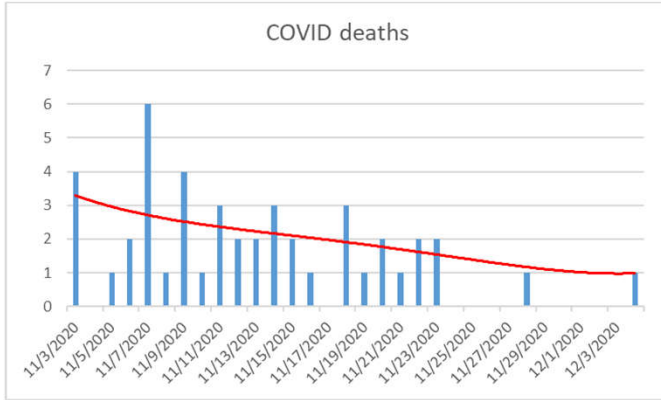


4



COVID-19 deaths

March 1 – December 4, 2020

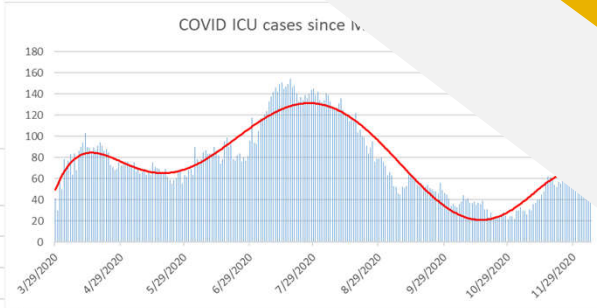
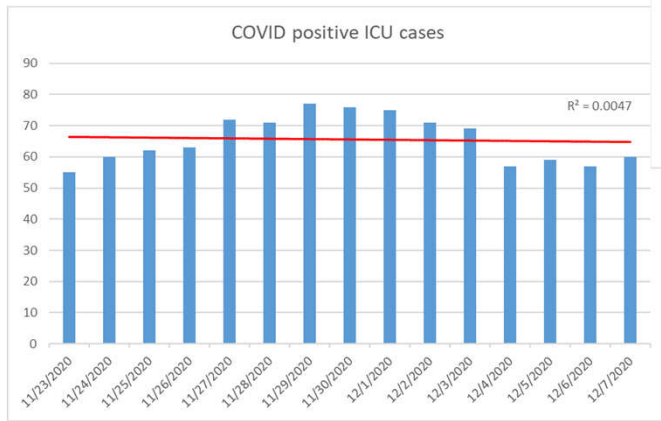


5



COVID-19 positive ICU cases

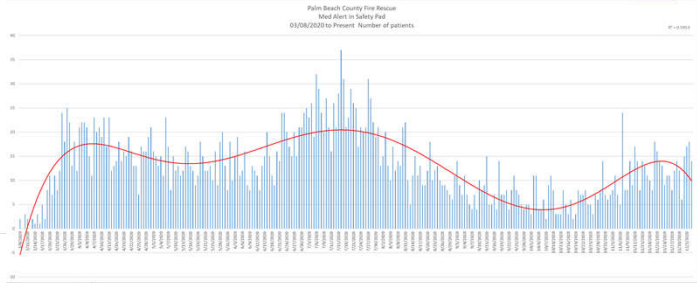
November 23 – December 7, 2020



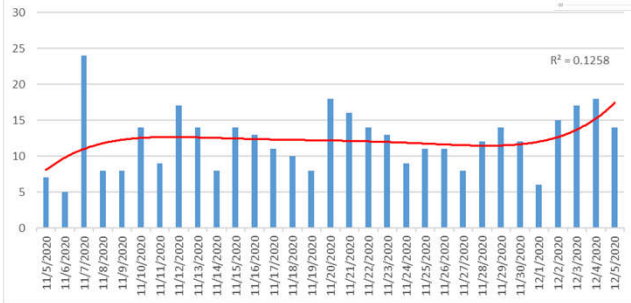
6

Daily Med Alerts

November 5 – December 5, 2020



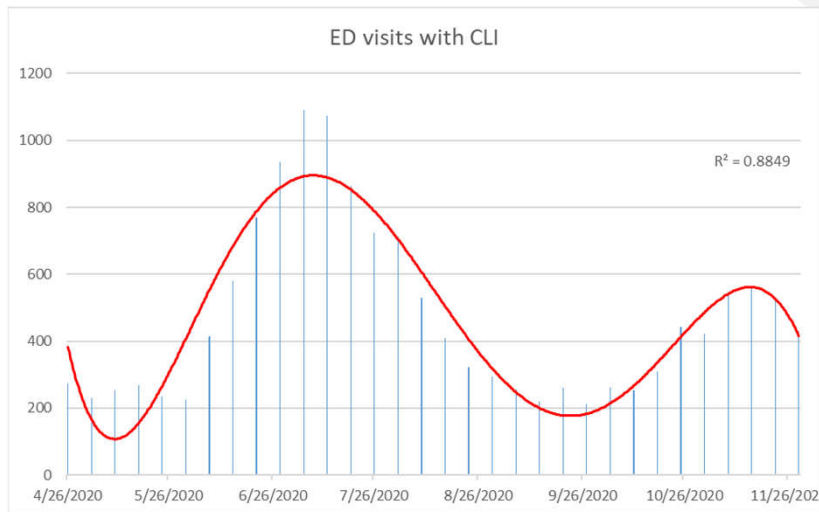
PBCFR MedAlerts last 30 days



7

ED visits with CLI

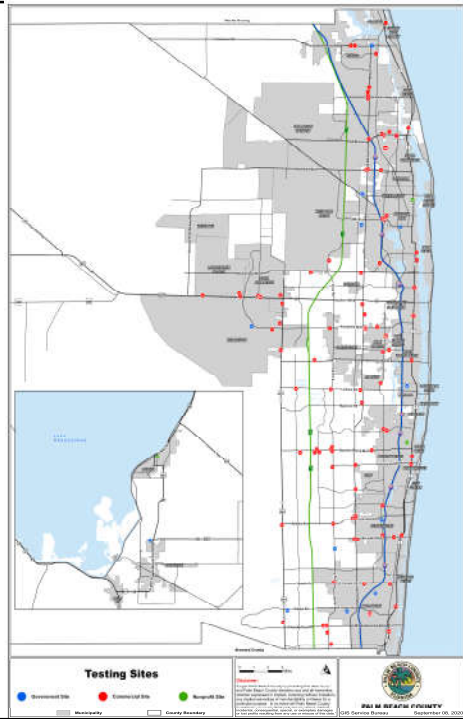
April 26 – November 29, 2020



8

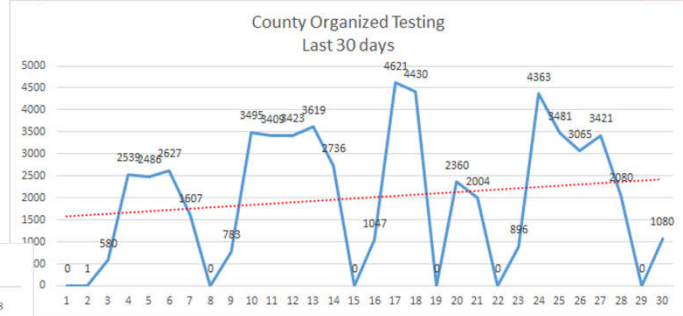
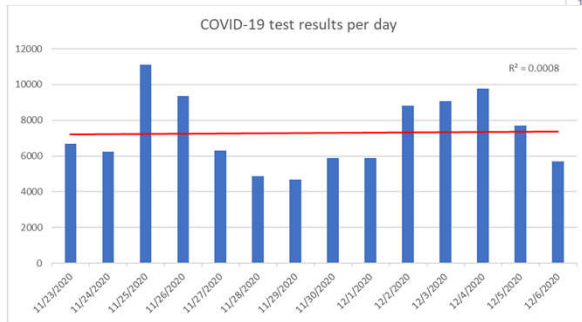
COVID-19 testing sites

- 528,743 people tested (35.3% total PBC pop.)
- 12 government-sponsored sites
- 4 non-profit sites
- 105 commercial sites
- mobile “pop-up” sites
- homebound testing (PBCFR)
- www.pbcgov.org



9

COVID-19 testing (PBC)



10



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: many students did not return after Thanksgiving break



11

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 ...

12