

Department of Health

COVID-19 UPDATE

BCC

PALM BEACH COUNTY



ALINA M. ALONSO, M.D.

DIRECTOR

DOH-PALM BEACH

MARCH 23, 2021

COVID-19 Cases US vs Global

Data as of 3/23/21

Data as of 3/09/21

USA Cases
29,865,597

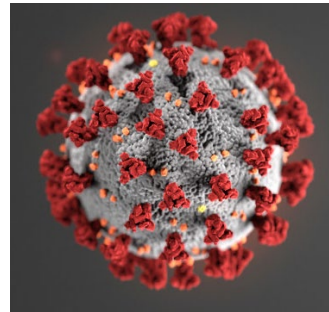
+824,367

Global Cases
123,622,286

USA Deaths
542,880

+17,152

Global Deaths
2,722,156



USA Cases
29,041,230

+1,957,422

Global Cases
117,119,495

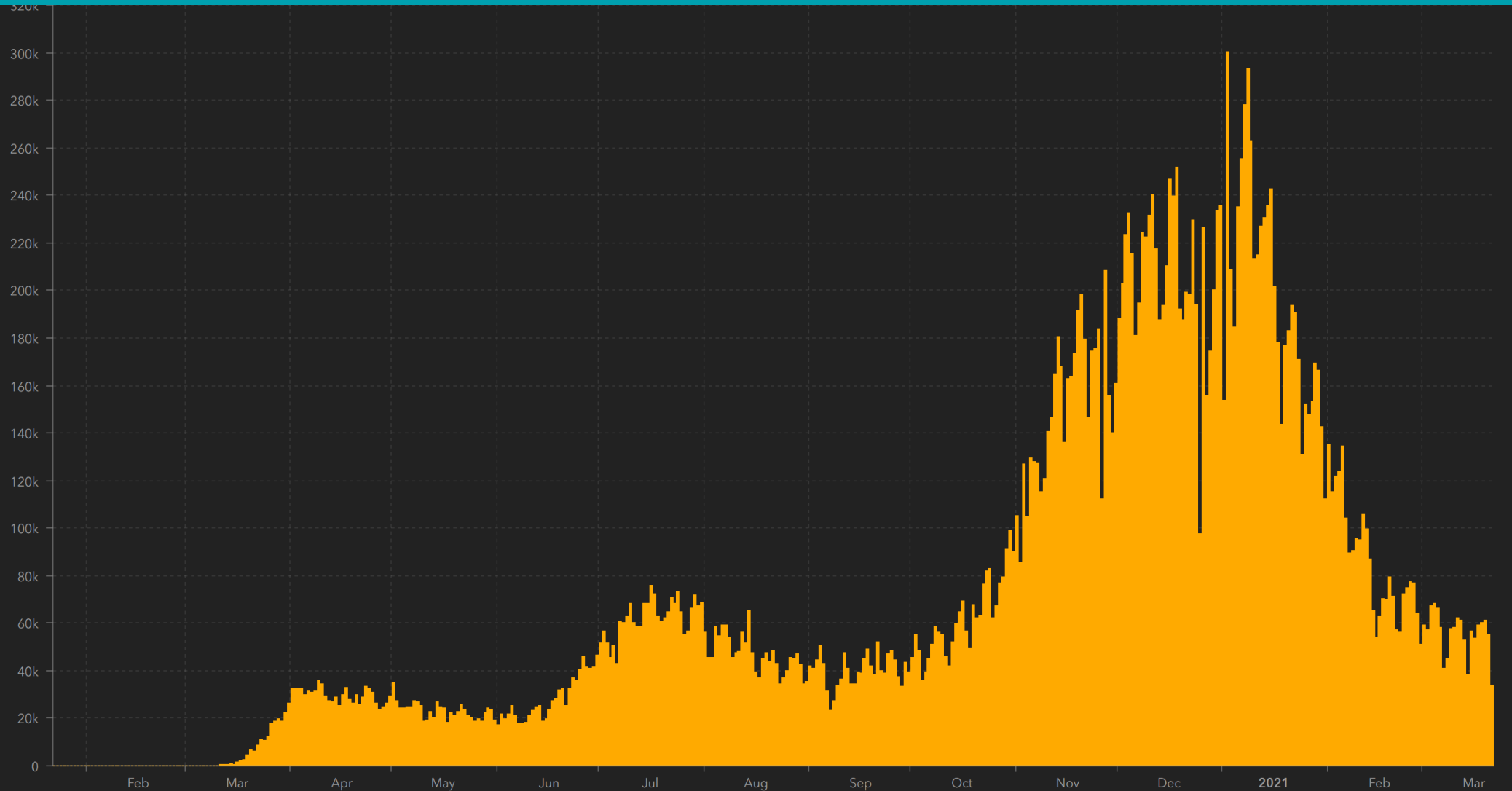
USA Deaths
525,728

+60,888

Global Deaths
2,599,216

US New COVID Cases by Day

Data as of 3/22/21



Spike on
1/2/21 of
298,031
new cases
in one day.

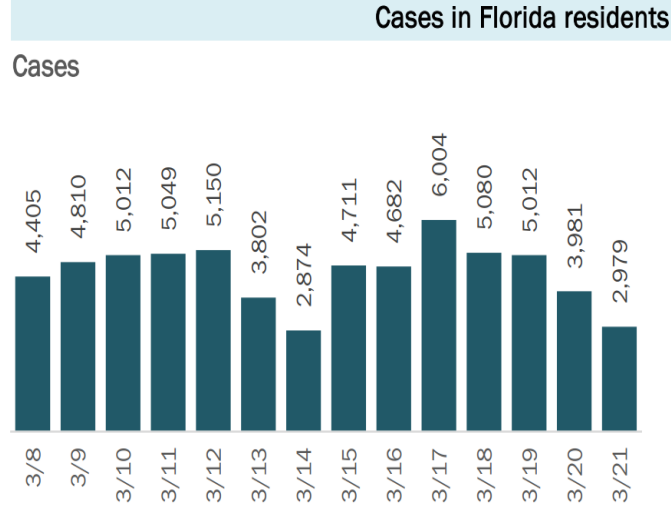


COVID Cases in FL and PBC

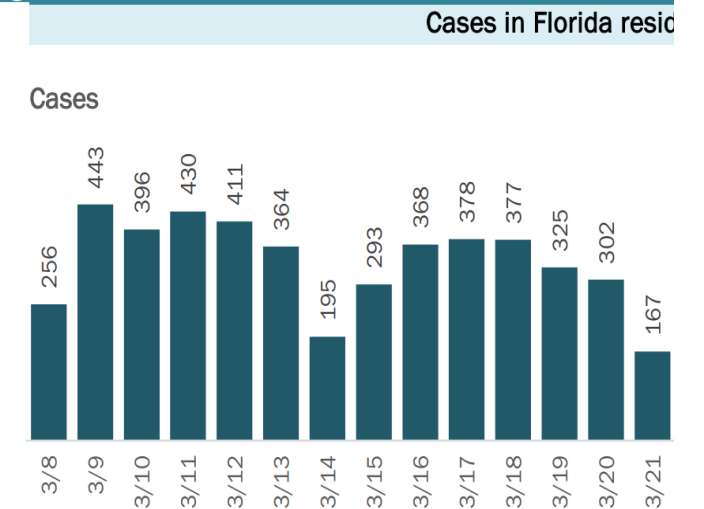
Florida 3/22/21

Palm Beach County 3/22/21

Total cases	2,011,211
Florida residents	1,974,051
Non-Florida residents	37,160
Type of case	
PCR positive	1,596,057
Antigen positive	377,994
Gender for Florida residents	
Men	927,120
Women	1,032,183
Unknown	14,748
Age for Florida residents	
Range	0 - 110
Median age	40



Total cases	128,321
Florida residents	126,078
Non-Florida residents	2,243
Type of case	
PCR positive	108,495
Antigen positive	17,583
Gender for Florida residents	
Men	59,961
Women	65,422
Unknown	695
Age for Florida residents	
Range	0 - 107
Median age	40



Outcomes for Florida residents

Florida

Hospitalizations	83,503	(4% of all cases)
Deaths	32,779	(2% of all cases)

Cases in facility staff/residents

Florida

Long-term care	82,510	(4% of all cases)
Correctional	31,407	(2% of all cases)

Outcomes for Florida residents

Palm Beach

Hospitalizations	6,289	(5% of all cases)
Deaths	2,598	(2% of all cases)

Cases in facility staff/residents

Palm Beach

Long-term care	6,435	(5% of all cases)
Correctional	909	(1% of all cases)



Florida Governor's Executive Order

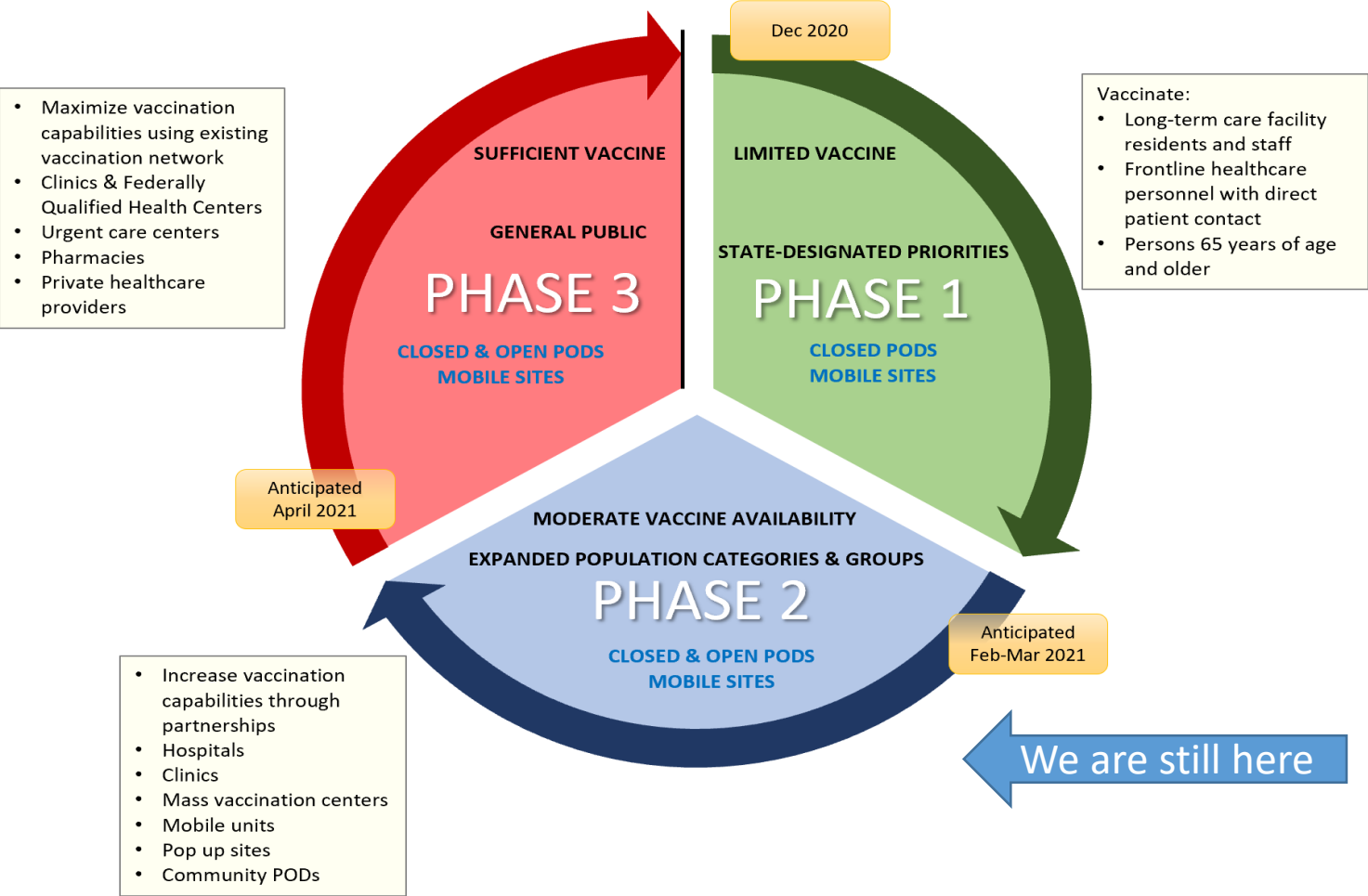
- Persons 50 years of age and older;
- Persons determined to be extremely vulnerable by a physician ([form required](#));
- Health care workers with direct patient contact;
- Long-term care facility residents and staff.



COVID-19 VACCINATION PHASES

PALM BEACH COUNTY

Palm Beach County 3/22/21



Vaccine Coverage for Metros

Palm Beach County 3/22/21

Metros = Counties in Florida over 1,000,000 population

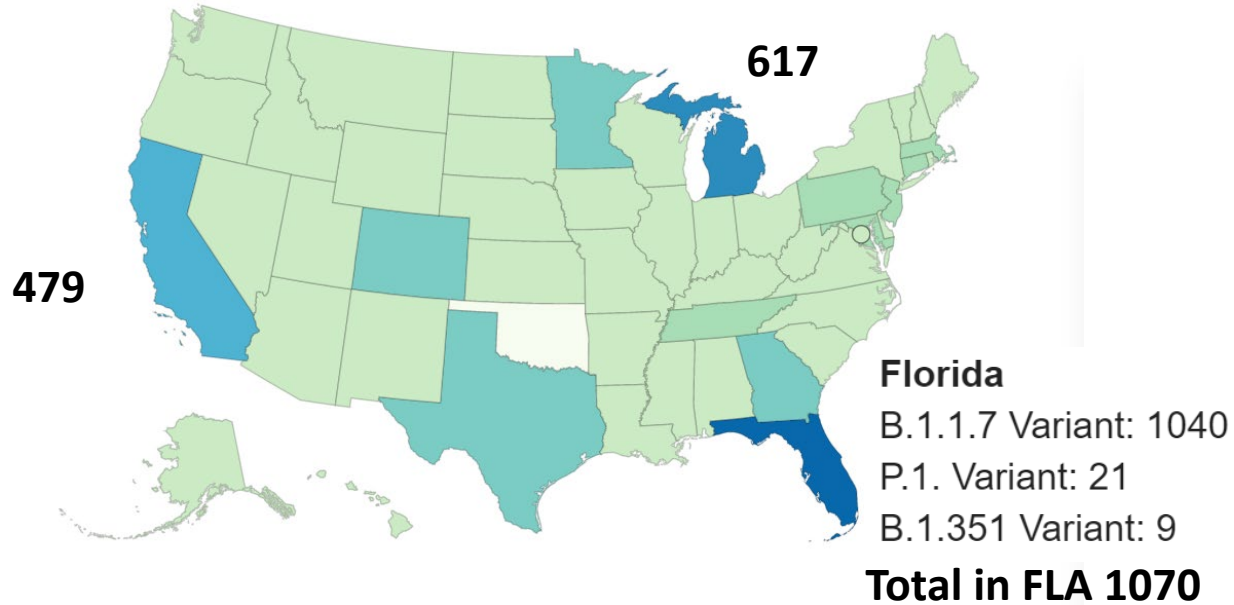
Percentage Vaccinations by Counties and Age Groups

Age Groups			50-54			55-59			60-64			65+
Palm Beach	94,461	15,461	16%	102,502	19,927	19%	96,008	33,457	35%	361,966	264,287	73%
Broward	137,122	27,929	20%	142,198	34,456	24%	124,574	50,101	40%	336,796	239,346	71%
Hillsborough	97,152	15,015	15%	97,771	17,564	18%	86,150	31,134	36%	219,352	148,075	68%
Dade	209,469	42,153	20%	203,354	52,885	26%	166,862	65,987	40%	486,183	326,642	67%
Orange	91,463	14,957	16%	89,398	16,806	19%	75,816	29,489	39%	179,437	115,851	65%

COVID Variant Report

Palm Beach County 3/22/21

Cases of Variants of Concern in the United States*†



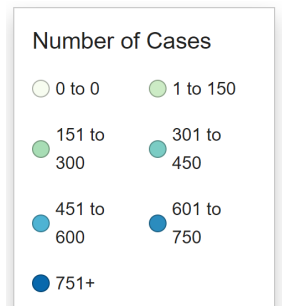
Territories **AS** **GU** **MH** **FM** **MP** **PW** **PR** **VI**



Variant		Reported Cases in US	Number of Jurisdictions Reporting
B.1.1.7	UK	6390	51
B.1.351	So. Africa	194	27
P.1	Brazil	54	18

Total in US = 6,638

UK
 Brazil
 So. Africa

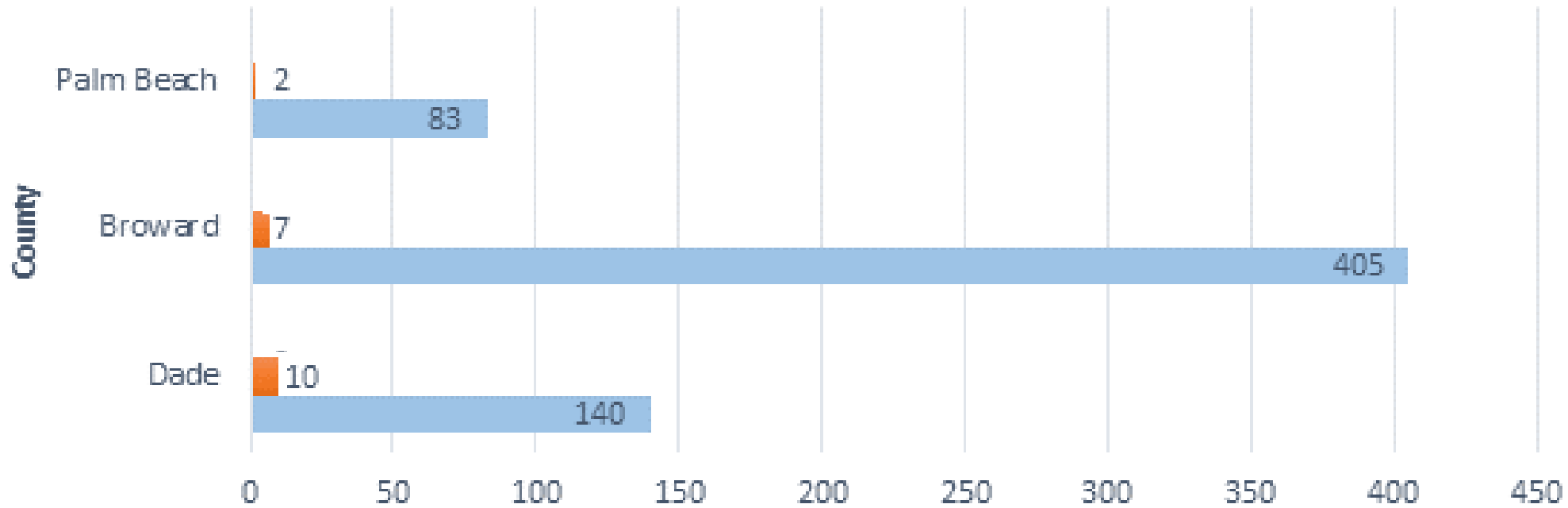


<https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html>



COVID-19 Variants Cases by Top Three Counties

March 22, 2021



Total County Cases
(Total FL Variant Case Count = 1075)

So. Afr Brazil UK
■ B.1.351 ■ P.1 ■ B.1.1.7



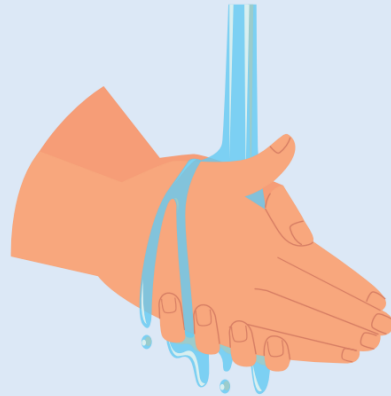
3 W's

3 W's to reduce risk of COVID-19

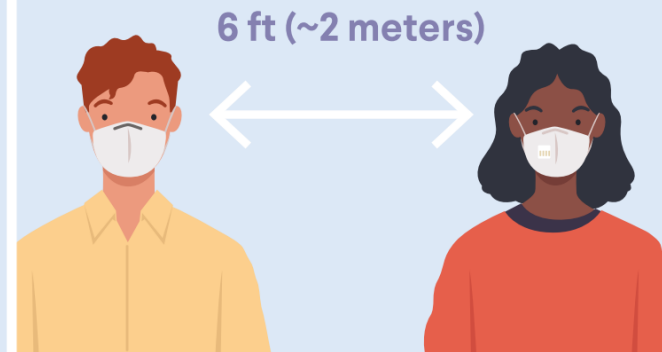
Wear a mask



Wash your hands



Watch your distance



COVID-19

RESOLVE
TO SAVE LIVES

 Vital
Strategies

More info at
[PreventEpidemics.org](https://www.PreventEpidemics.org)

#KnowCOVID
#PreventEpidemics



3 C's

Avoid the Three Cs

Be aware of different levels of risk in different settings.



There are certain places where COVID-19 spreads more easily:



**Crowded
places**

*with many people
nearby*



**Close-contact
settings**

*Especially where
people have close-
range conversations*



**Confined and
enclosed spaces**

*with poor
ventilation*



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	Feb. 15, 2021	Feb. 22, 2021	March 1, 2021	March 8, 2021	March 15, 2021	March 22, 2021
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	15.79% positivity rate	15.92% positivity rate	15.95% positivity rate	16.00% positivity rate	16.04% positivity rate	16.09% 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	7.28% (avg. ‡) daily lab COVID-19 positivity rate	6.25% (avg. ‡) daily lab COVID-19 positivity rate	6.21% (avg. ‡) daily lab COVID-19 positivity rate	5.47% (avg. ‡) daily lab COVID-19 positivity rate	5.72% (avg. ‡) daily lab COVID-19 positivity rate	5.60% (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	7.23% (avg. ³) daily lab COVID-19 positivity rate	6.77% (avg. ³) daily lab COVID-19 positivity rate	6.23% (avg. ³) daily lab COVID-19 positivity rate	5.84% (avg. ³) daily lab COVID-19 positivity rate	5.59% (avg. ³) daily lab COVID-19 positivity rate	5.66% (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	274 (avg. †) COVID-19 ⊕ patients hospitalized per day	266 (avg. †) COVID-19 ⊕ patients hospitalized per day	285 (avg. †) COVID-19 ⊕ patients hospitalized per day	264 (avg. †) COVID-19 ⊕ patients hospitalized per day	209 (avg. †) COVID-19 ⊕ patients hospitalized per day	190 (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	2,355 deaths; 2.00% death rate	2,412 deaths; 2.00% death rate	2,480 deaths; 2.00% death rate	2,522 deaths; 2.04% death rate	2,569 deaths; 1.40% death rate	2,598 deaths; 2.02% 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	2.0 (avg. ‡) COVID-19-related deaths/day	2.0 (avg. ‡) COVID-19-related deaths/day	1.0 (avg. ‡) COVID-19-related deaths/day	1.4 (avg. ‡) COVID-19-related deaths/day	2.2 (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	Feb. 15, 2021	Feb. 22, 2021	March 1, 2021	March 8, 2021	March 15, 2021	March 22, 2021
	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	3.89 (avg. ³) COVID-19-related deaths/day	4.29 (avg. ³) COVID-19-related deaths/day	3.07 (avg. ³) COVID-19-related deaths/day ^{††}	2.57 (avg. ³) COVID-19-related deaths/day ^{††}	2.00 (avg. ³) COVID-19-related deaths/day ^{††}	2.38 (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	88.0 (avg.‡) COVID-19 ICU patients/day	72.4 (avg.‡) COVID-19 ICU patients/day	68.14 (avg.‡) COVID-19 ICU patients/day	61.29 (avg.‡) COVID-19 ICU patients/day	52.71 (avg.‡) COVID-19 ICU patients/day	48.71 (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	11.14 (avg.‡) Med Alert patients/day	9.71 (avg.‡) Med Alert patients/day	9.86 (avg.‡) Med Alert patients/day	7.57 (avg.‡) Med Alert patients/day	4.57 (avg.‡) Med Alert patients/day	6.29 (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	502 ED visits presenting with CLI	498 ED visits presenting with CLI	435 ED visits presenting with CLI	414 ED visits presenting with CLI	349 ED visits presenting with CLI	396 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	9 public, 4 non-profit, 107 commercial testing sites; 727,007 people tested	9 public, 4 non-profit, 107 commercial testing sites; 742,368 people tested	9 public, 4 non-profit, 107 commercial testing sites; 757,912 people tested	9 public, 4 non-profit, 107 commercial testing sites; 772,005 people tested	9 public, 4 non-profit, 107 commercial testing sites; 785,805 people tested	8 public, 4 non-profit, 107 commercial testing sites; 797,331 people tested

Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	Feb. 15, 2021	Feb. 22, 2021	March 1, 2021	March 8, 2021	March 15, 2021	March 22, 2021
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 203; contact tracing decreased ⁶	DoH-PBC Epi staff remained the same at 203; contact tracing decreased ⁶	DoH-PBC Epi staff remained the same at 203; contact tracing decreased ⁶	DoH-PBC Epi staff remained the same at 203; contact tracing decreased ⁶	DoH-PBC Epi staff remained the same at 203; contact tracing decreased ⁶	DoH-PBC Epi staff remained the same at 203; contact tracing decreased ⁶
7	Level of compliance with Phase 1 related executive orders	High level of compliance with Phase 1 related executive orders	Not applicable.	CECT assigned 9,228 cases; conducted over 9,324 site visits; 27 business closures	CECT assigned 11,533 cases; conducted over 9,573 site visits; 27 business closures	CECT assigned 11,673 cases; conducted over 9,721 site visits; 27 business closures	CECT assigned 11,786 cases; conducted over 9,889 site visits; 27 business closures	CECT assigned 11,996 cases; conducted over 10,124 site visits; 27 business closures	CECT assigned 12,141 cases; conducted over 10,294 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


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

⁶contact tracing investigated decreased for the previous five weeks to <80%, this week it remains at 68% but still remains below the ≥90% target of positive cases were contacted and interviewed within 48 hours of notification of test results

† data from March 11 – March 15, 2021.

†† data from February 21 – March 15, 2021.

 = benchmark desired outcome or trend met

 = benchmark desired outcome or trend not met

3/23/2021

previous versions are obsolete



COVID-19 UPDATE

Board of County Commissioners

March 23, 2021

Mary Blakeney, Director

Division of Emergency Management

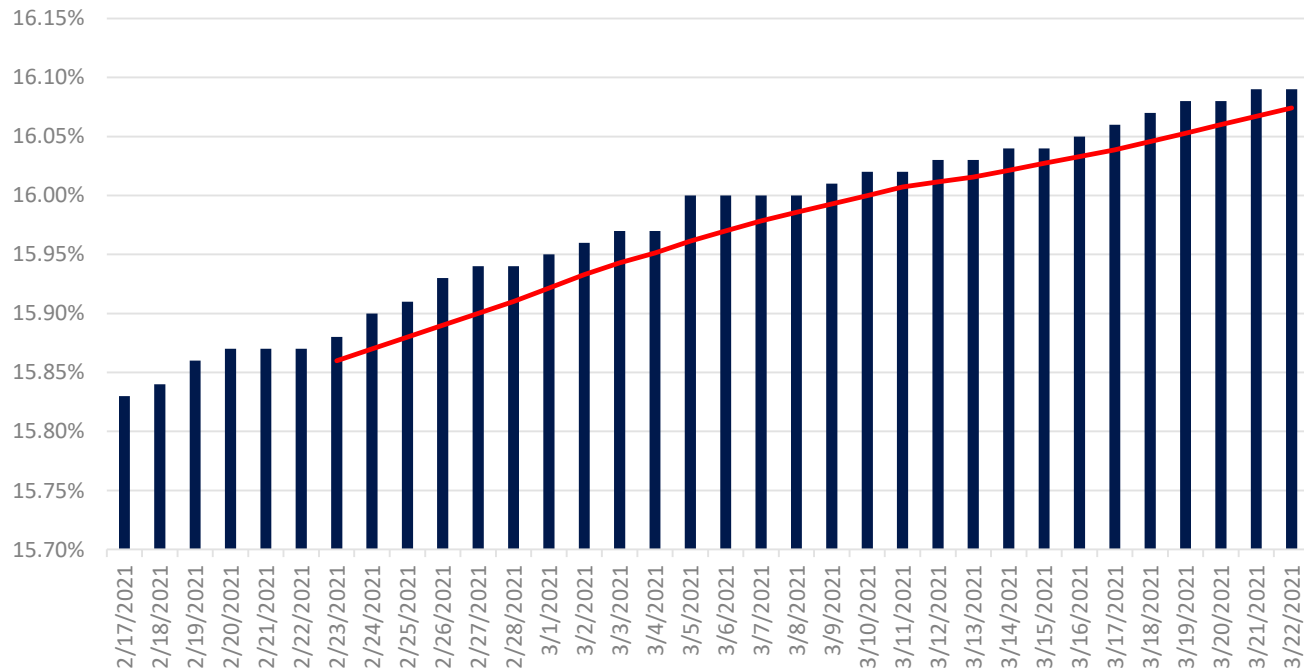
Public Safety Department



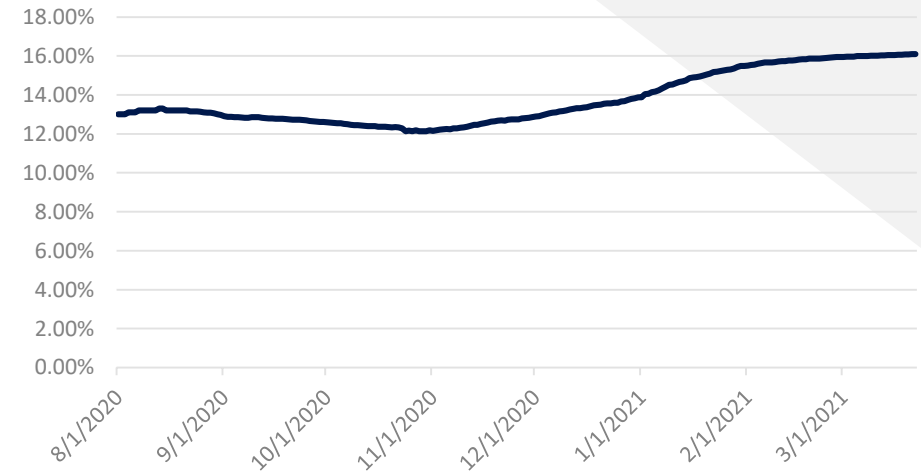
COVID-19 total tested positivity

February 17 – March 22, 2021

Overall positivity rate



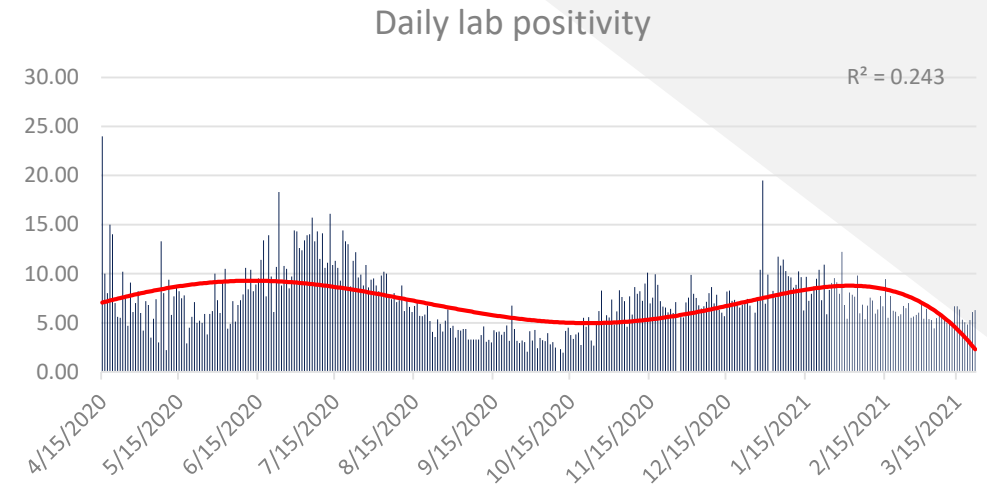
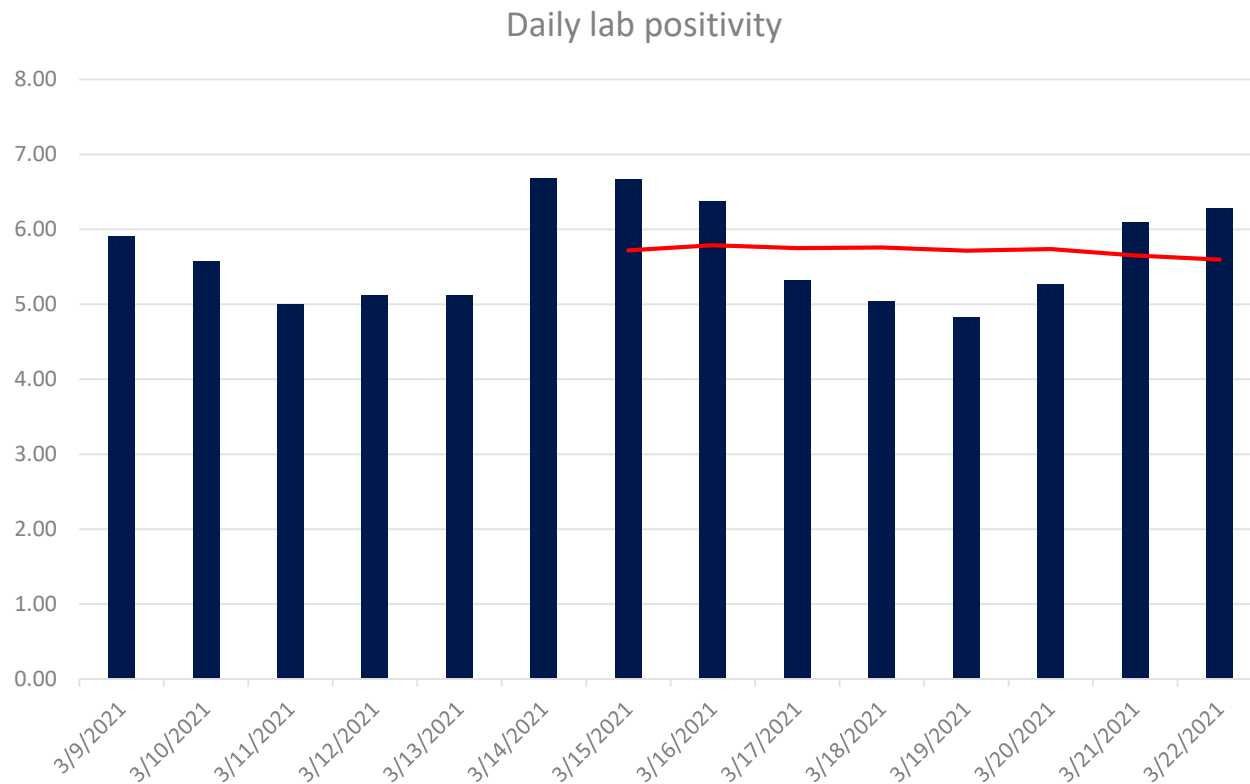
Overall positivity rate August - present





COVID-19 daily lab positivity

March 9 – March 22, 2021

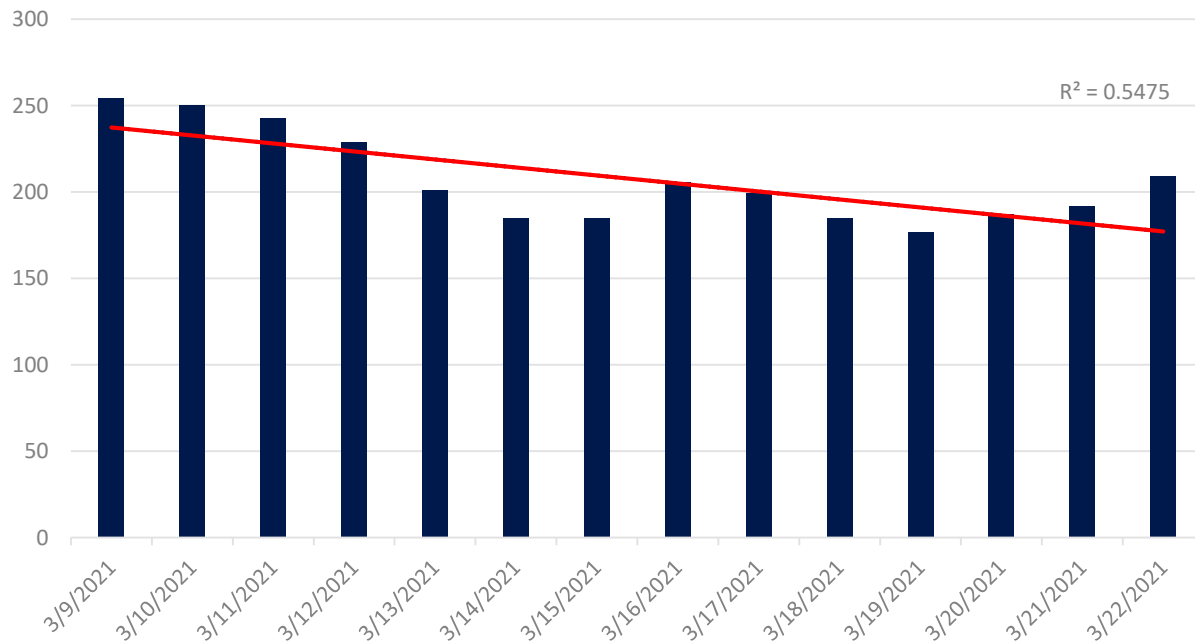




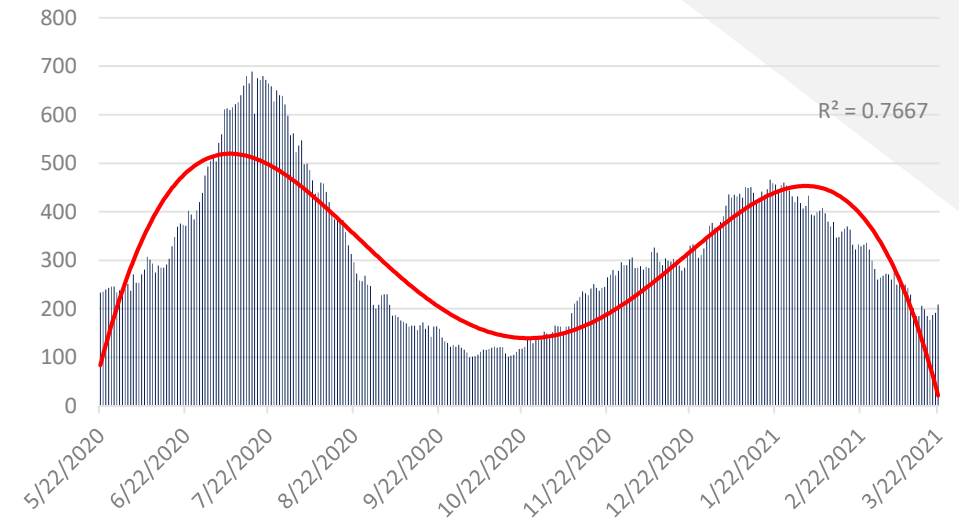
COVID-19 positive total hospital census

March 9 – March 22, 2021

COVID total hospital cases



COVID hospitalizations since May 2020

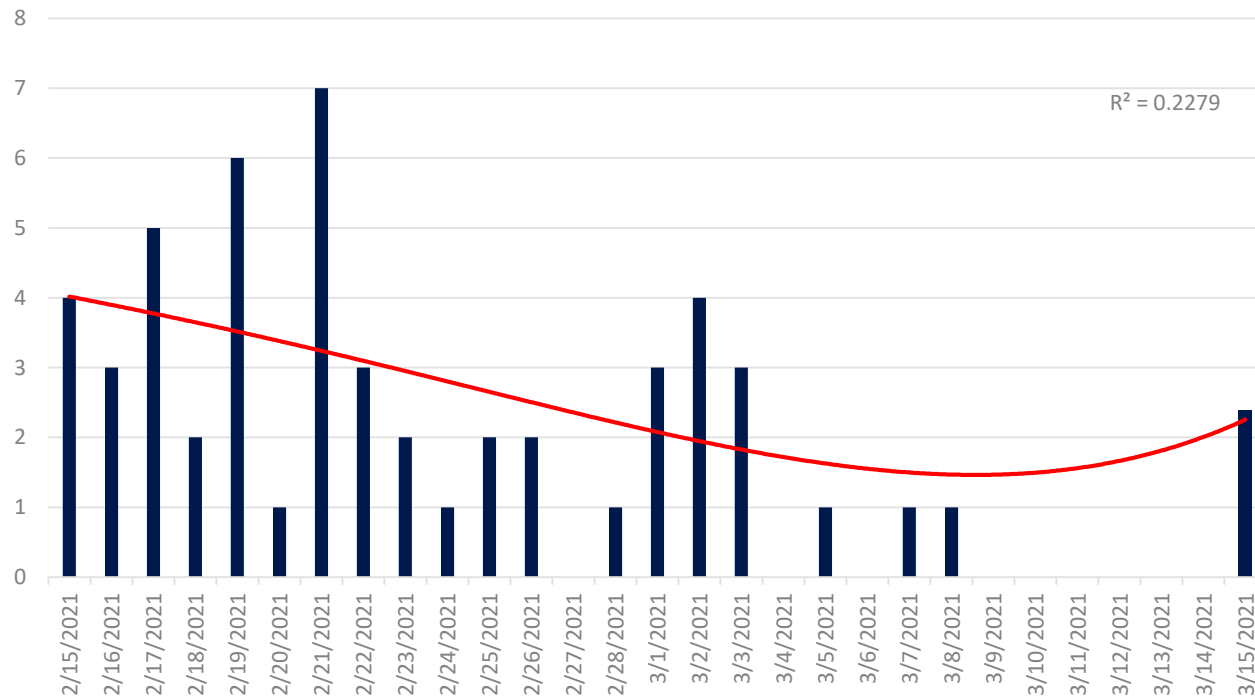




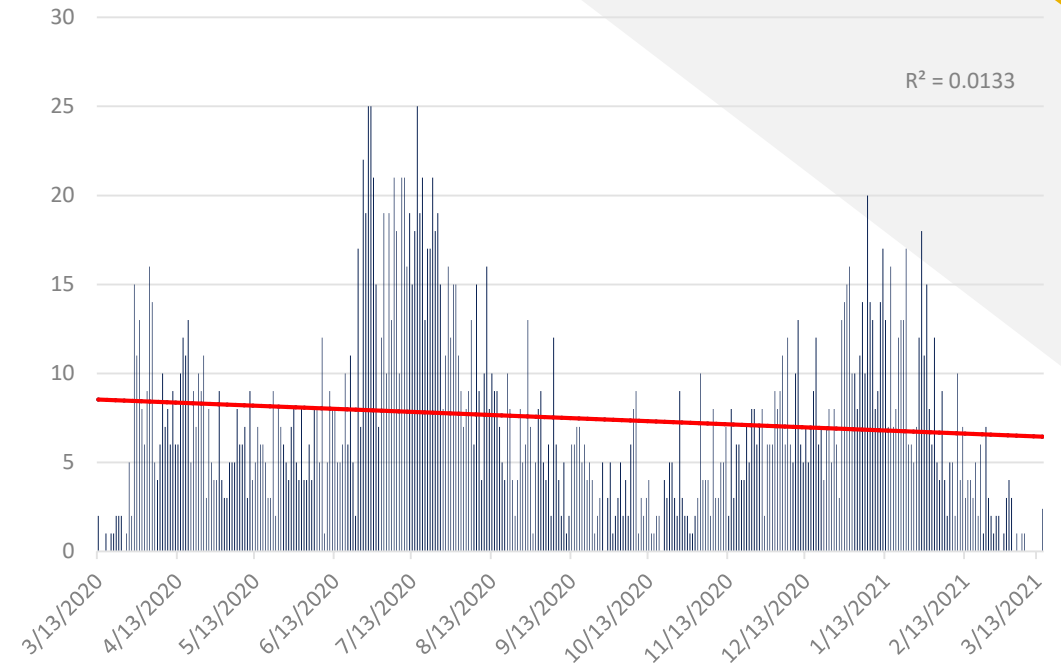
COVID-19 deaths

February 15 – March 15, 2021

COVID death



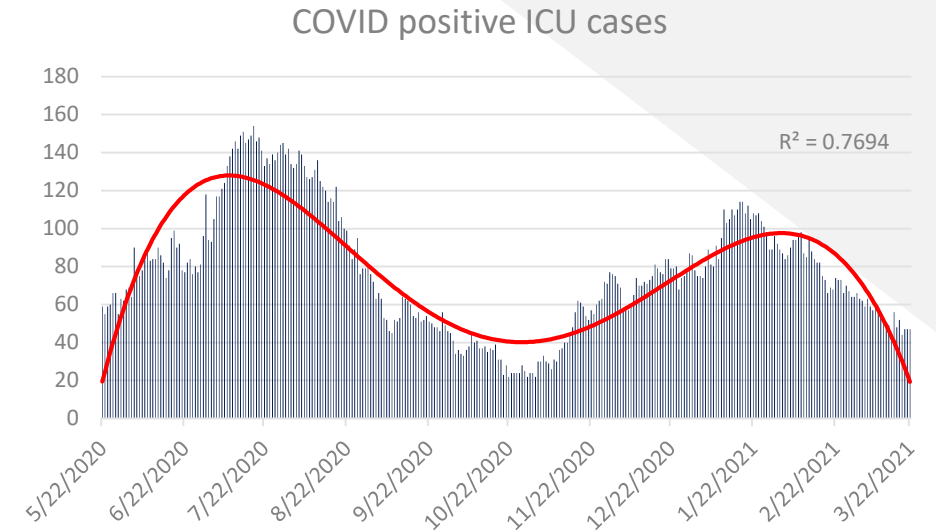
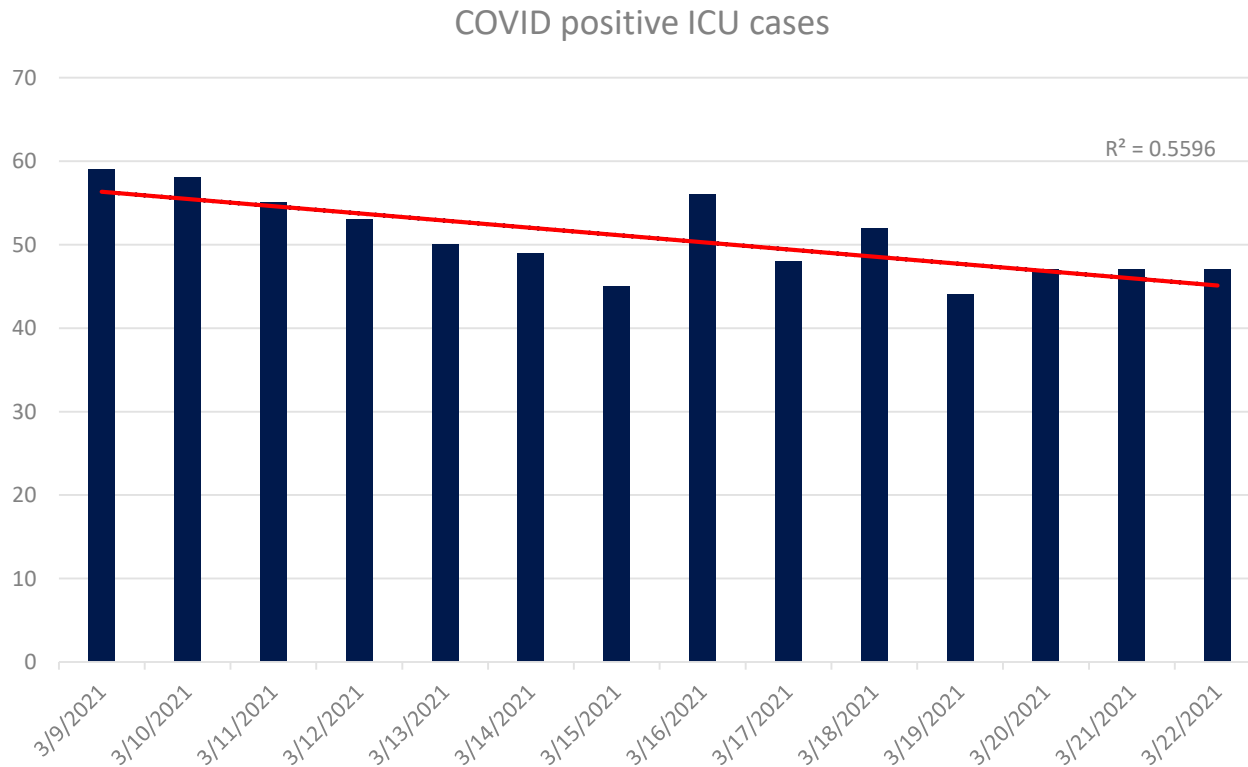
COVID positive deaths





COVID-19 positive ICU cases

March 9 – March 22, 2021



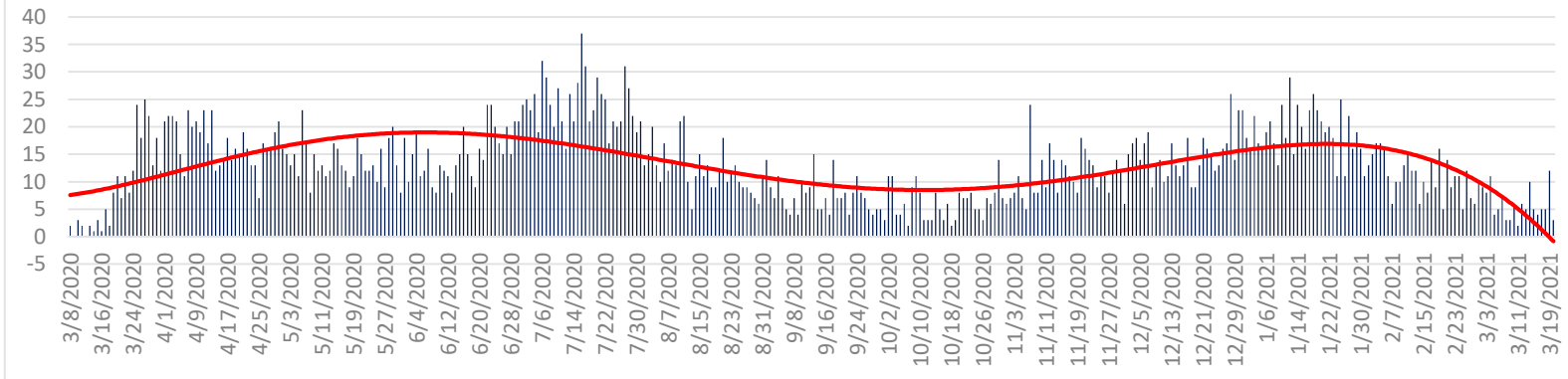


Daily Med Alerts

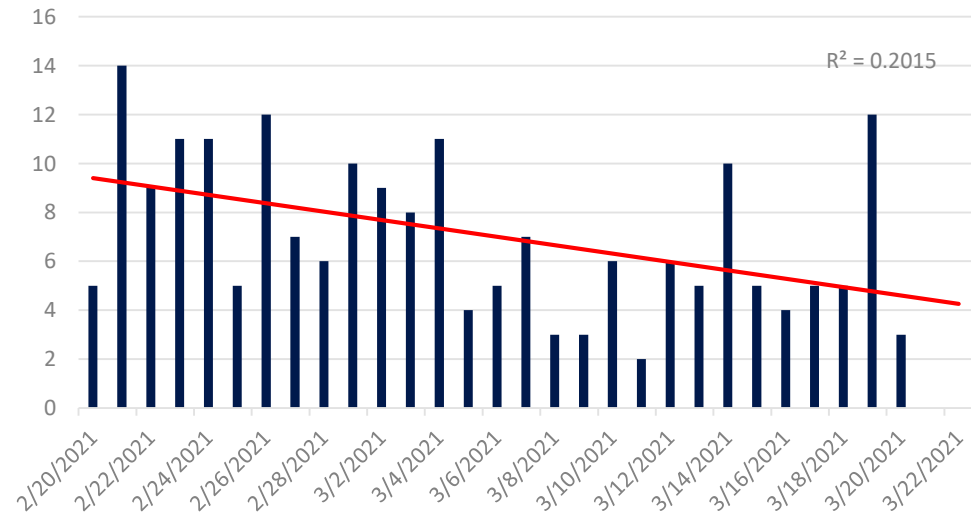
February 20, 2021 –
March 20, 2021

Palm Beach County Fire Rescue
Med Alert in Safety Pad
03/08/2020 to Present Number of patients

$R^2 = 0.3546$



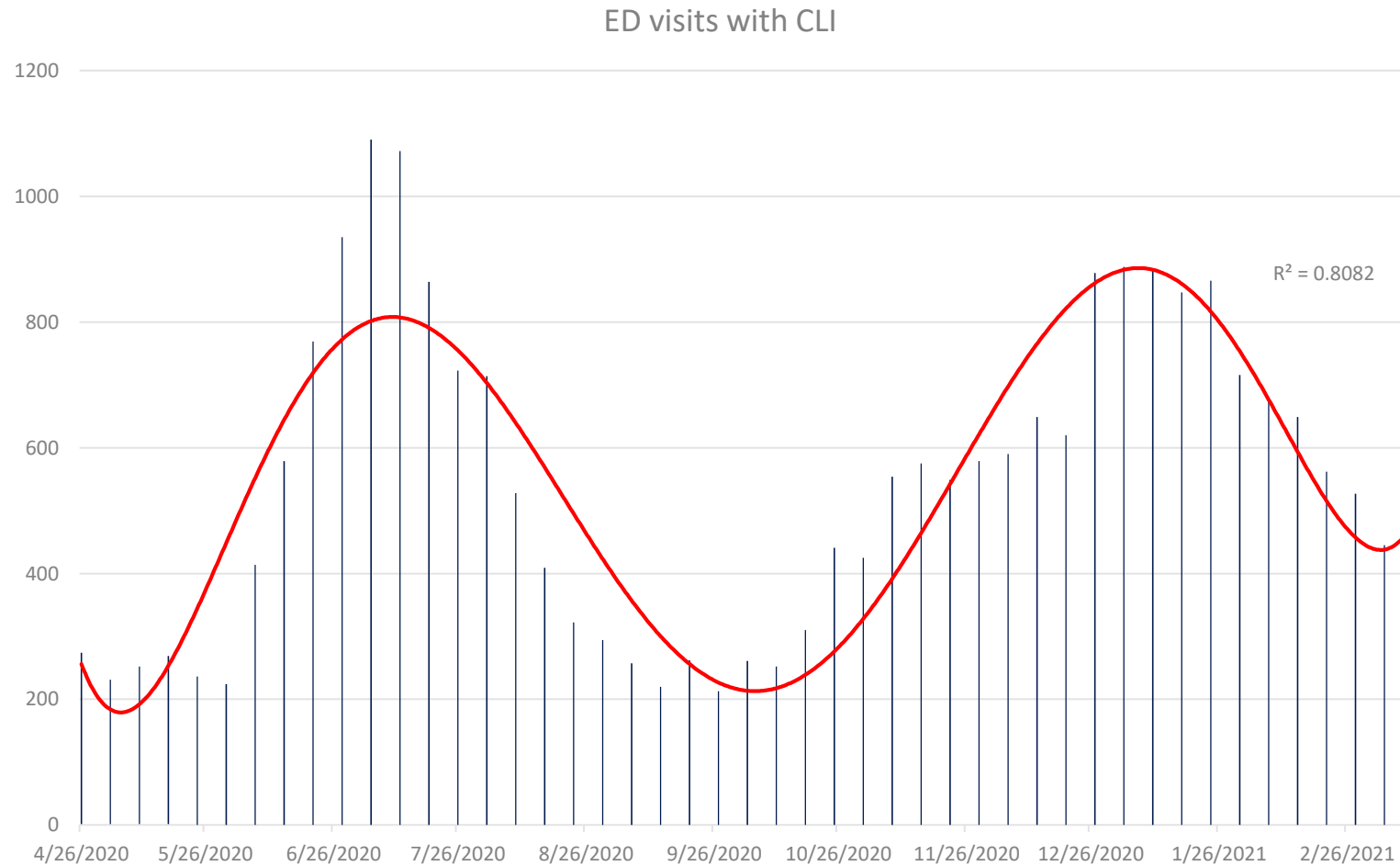
PBCFR MedAlerts last 30 days





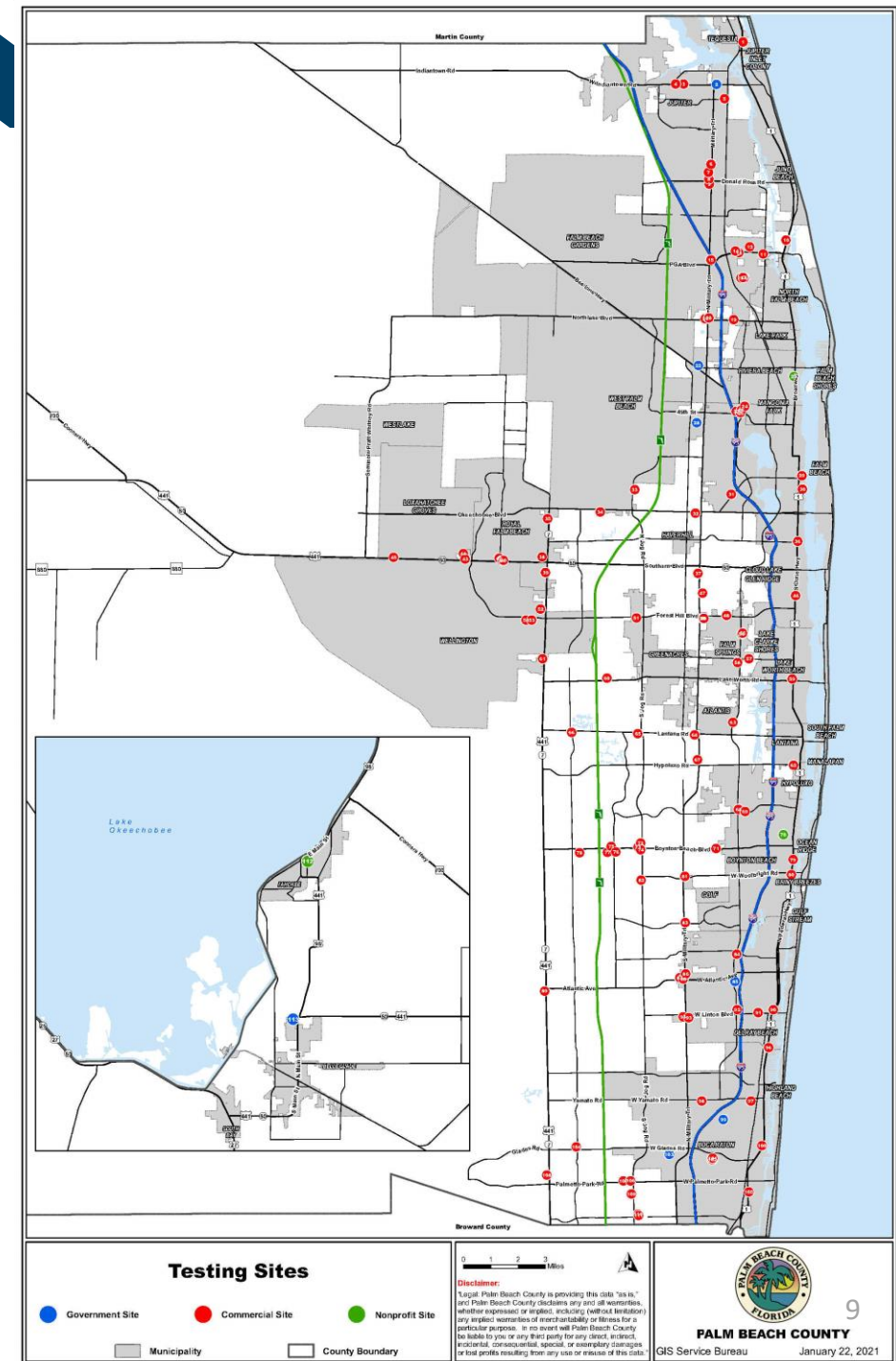
ED visits with CLI

April 26, 2020 – March 20, 2021



COVID-19 testing sites

- 797,331 people tested
- 8 government-sponsored sites
- 4 non-profit sites
- 107 commercial sites
- homebound testing (PBCFR)
- www.pbcgov.org

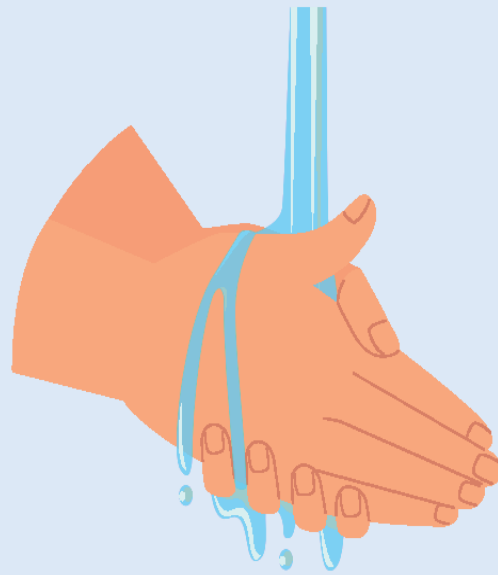


3 W's to reduce risk of COVID-19

Wear a mask



Wash your hands



Watch your distance





COVID-19 vaccines

- Daily calls with partners
- Unified in our mission:
 - ‘Get shots in arms’
- We have the infrastructure
- We have the capacity
- We have the capability
- We have the teamwork

