

Department of Health

COVID-19 UPDATE BOCC PALM BEACH

**ALINA M. ALONSO, M.D.
DIRECTOR**

DOH-PALM BEACH
APRIL 20, 2021



COVID-19 Cases US vs Global

Data as of 4/20/21

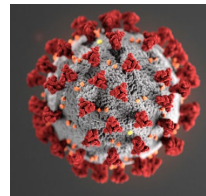
Data as of 4/06//21

USA Cases
31,731,497
+1,022,867

Global Cases
141,725,850

USA Cases
30,708,630
+843,033

Global Cases
131,435,555



USA Deaths
567,666
+12,651

Global Deaths
3,026,516

USA Deaths
555,015
+12,135

Global Deaths
2,854,911

US New COVID Cases by Day

Data as of 4/19/21

Cases in US
Last 30
Days



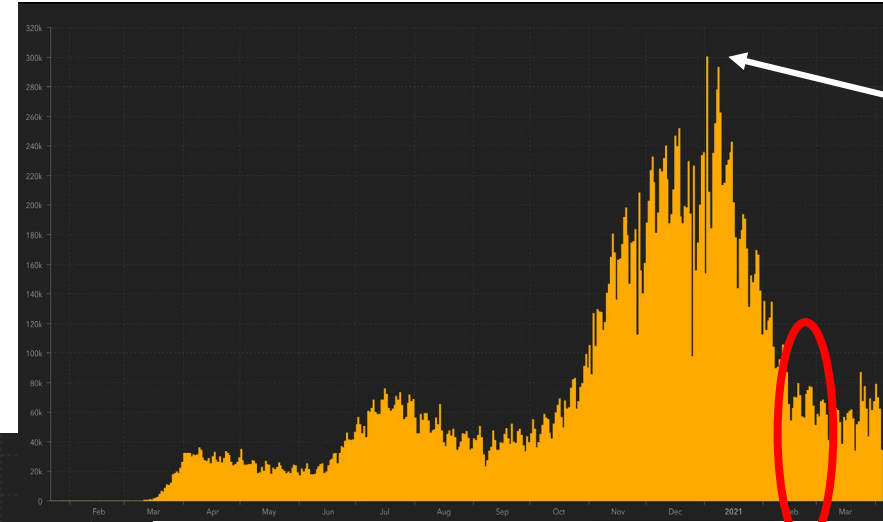
+4%

Deaths in
US
Last 30
Days

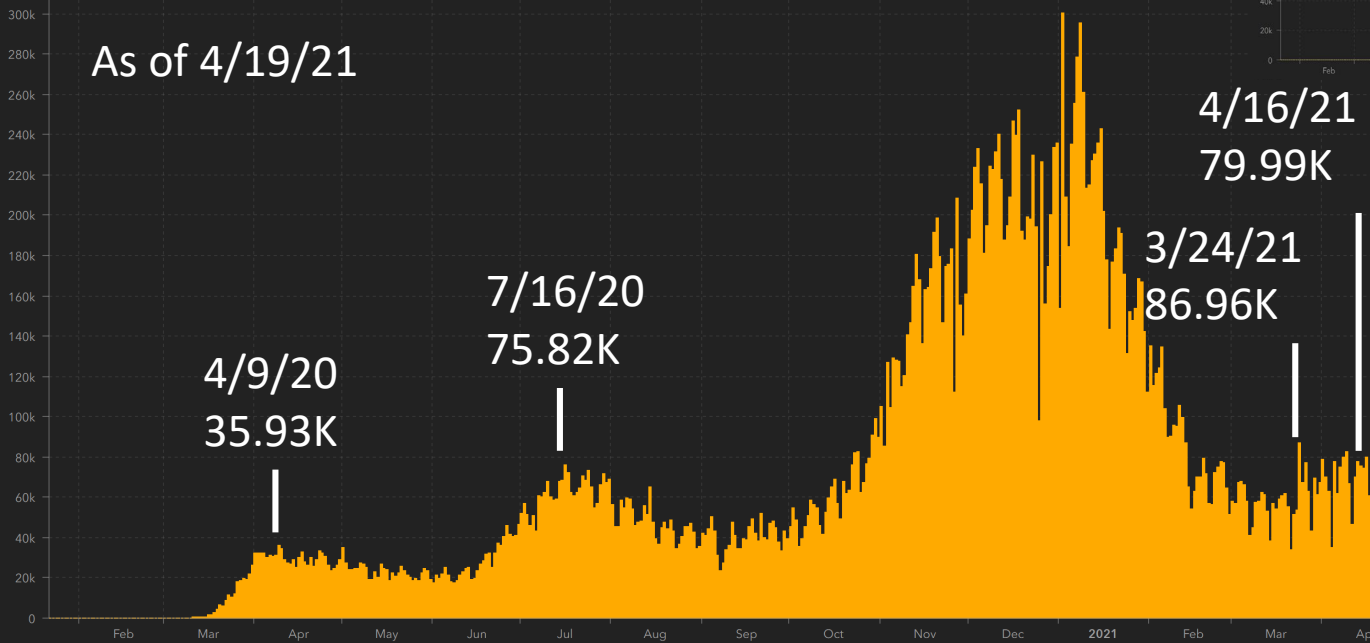


-5%

https://covid.cdc.gov/covid-data-tracker/#cases_totalcases



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

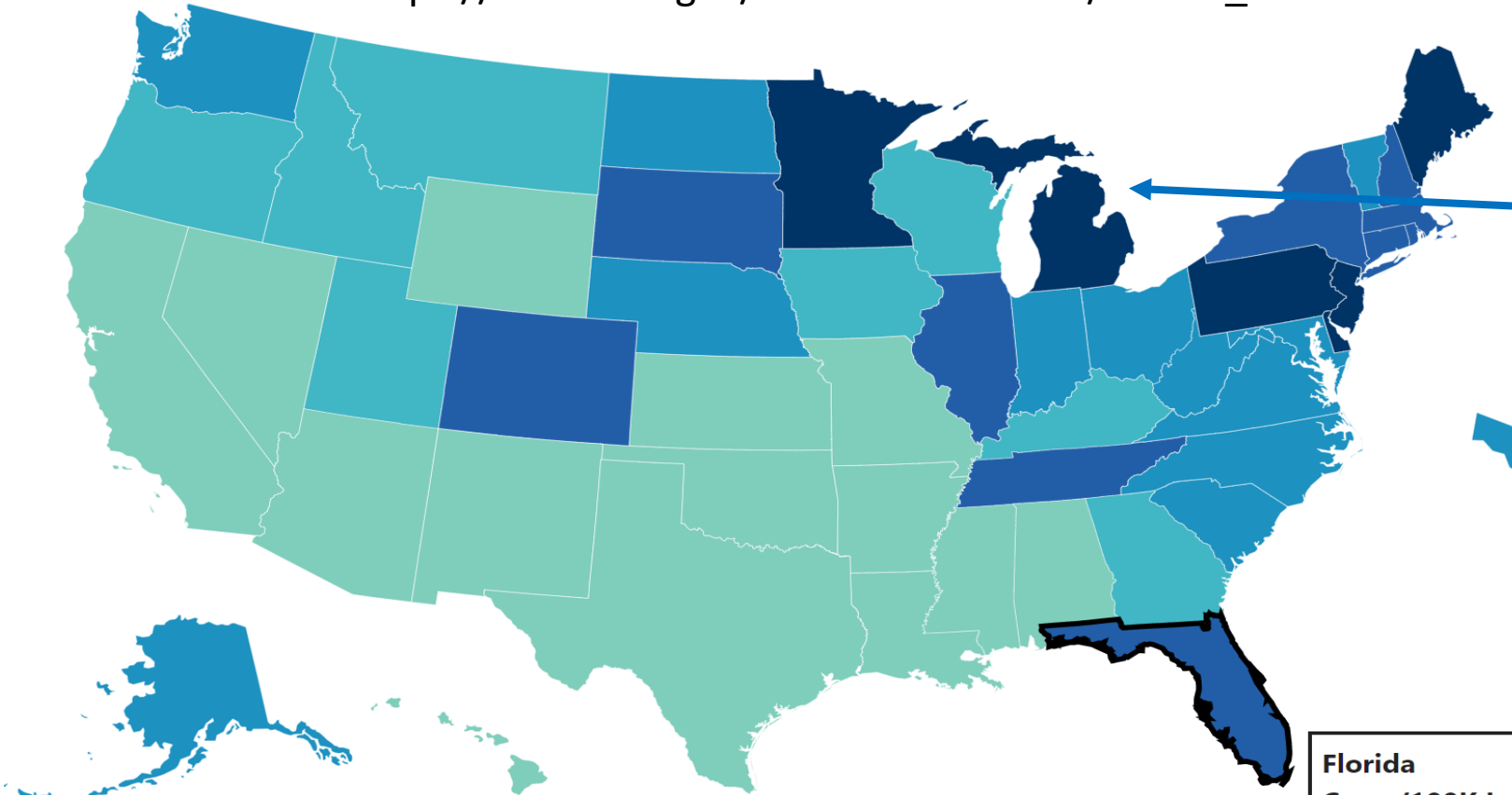


Brought concern to
BOCC on increase of
curve on 2/19 and
2/26



US COVID-19 7-Day Case Rate per 100,000, by State/Territory

https://covid.cdc.gov/covid-data-tracker/#cases_totalcases



Michigan
Cases/100K Last 7 Days: 485.2
Cases Last 7 Days: 48,459
Total Cases: 873,700
Cases/100K: 8,748
Deaths/100K: 179

Florida
Cases/100K Last 7 Days: 204.7
Cases Last 7 Days: 43,963
Total Cases: 2,128,136
Cases/100K: 9,909
Deaths/100K: 160

Territories

- AS
- FSM
- GU
- MP
- PR
- PW
- RMI
- VI



COVID Cases in FL and PBC

As of 3:00 pm 4/19/21

Palm Beach County Florida

139,199 (+232)

2,173,138 (+4,237)

Total positive cases to date

6,742 (+10)

87,274 (+61)

Total patients hospitalized cumulatively

2,723 (+6)

34,471 (+32)

COVID cumulative deaths

Palm Beach County	Total Hospital Bed Utilization	COVID Hospital Bed Utilization	Total ICU Bed Utilization	COVID ICU Bed Utilization	Total Ventilator Utilization	PBC New cases per day*	Number of Test Results per day	% Daily Lab Positivity*	% Positive of Total People Tested
Mon 4/19	74.8 % ↑	4.3 % ↑	72.5 % ↑	15.0 % ↑	36.7 % ↑	↑	=	↑	↑
Sun 4/18	n/a	3.9 %	n/a	14.5 %	n/a	234	3122	7.50 %	16.40 %
Sat 4/18	n/a	3.8 %	n/a	13.6 %	n/a	452	5511	8.23 %	16.38 %
Fri 4/16	78.1 %	3.9 %	74.7 %	11.9 %	39.0 %	409	6784	6.04 %	16.36 %
Thu 4/15	77.6 %	4.0 %	68.9 %	11.0 %	38.0 %	510	8334	6.15 %	16.35 %
Wed 4/14	77.6 %	4.2 %	70.2 %	11.2 %	39.7 %	412	7327	5.65 %	16.33 %
Tues 4/13	74.7 %	4.2 %	68.1 %	11.4 %	42.7 %	449	6504	6.95 %	16.32 %
Mon 4/12	73.5 %	4.1 %	70.2 %	12.4 %	40.3 %	465	6498	7.21 %	16.30 %
Sun 4/11	n/a	4.0 %	n/a	12.6 %	n/a	97	1403	6.96 %	16.30 %
Sat 4/10	n/a	3.8 %	n/a	11.9 %	n/a	351	5437	6.56 %	16.29 %
Fri 4/9	74.8 %	3.8 %	74.0 %	10.7 %	38.0 %	423	7143	6.02 %	16.28 %
Thu 4/8	75.6 %	3.8 %	76.9 %	11.4 %	34.9 %	468	7975	5.93 %	16.27 %
Wed 4/7	73.4 %	3.7 %	72.7 %	10.7 %	35.7 %	508	8025	6.44 %	16.25 %
Tues 4/6	75.0 %	3.4 %	70.0 %	11.0 %	36.1 %	493	7164	6.98 %	16.23 %
Mon 4/5	71.1 %	3.5 %	61.8 %	10.5 %	35.5 %	257	4031	6.44 %	16.22 %

Vaccine Coverage for Metros

Palm Beach County 4/19/21

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

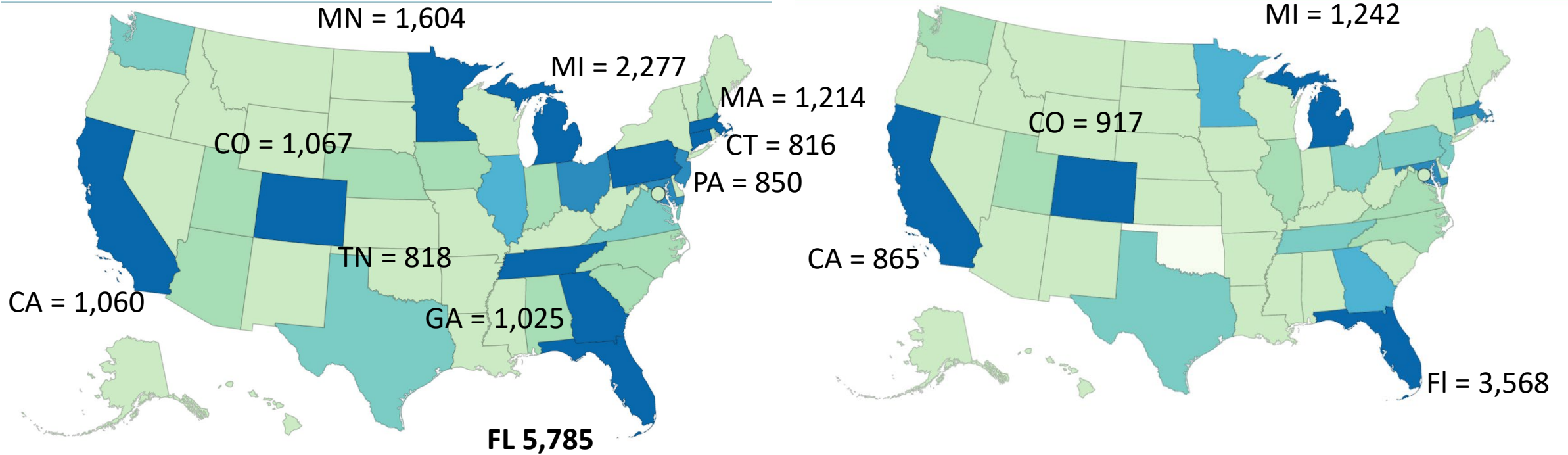
Percentage Vaccinations by Counties and Age Groups

Age Groups			50-54			55-59			60-64			65+
Palm Beach	94,461	42,920	45%	102,502	51,723	50%	96,008	60,501	63%	361,966	290,024	80%
Broward	137,122	68,994	50%	142,198	79,335	56%	124,574	82,568	66%	336,796	266,956	79%
Dade	209,469	101,735	49%	203,354	116,799	57%	166,862	105,671	63%	486,183	374,526	77%
Hillsborough	97,152	43,445	45%	97,771	47,479	49%	86,150	51,003	59%	219,352	166,489	76%
Orange	91,463	43,281	47%	89,398	44,999	50%	75,816	45,660	60%	179,437	132,517	74%

COVID Variant Report

As of 4/16/21

As of 4/06/21



Variants increasing in numbers and expanding from six states to ten states

Territories AS GU MH FM MP PW PR VI

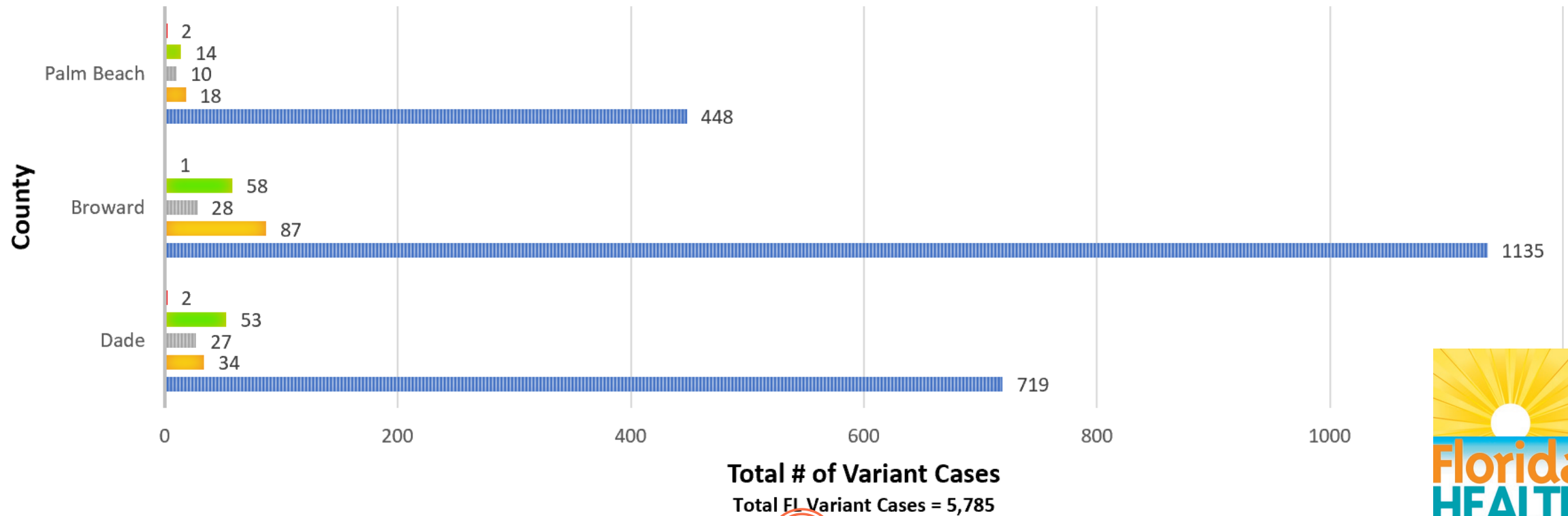
<https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html>

COVID-19 Variants Cases by Top Three Counties

COVID-19 VARIANT CASES BY COUNTY

CUMULATIVE DATA THROUGH APRIL 15TH, 2021, VERIFIED AS OF APRIL 16TH, 2021

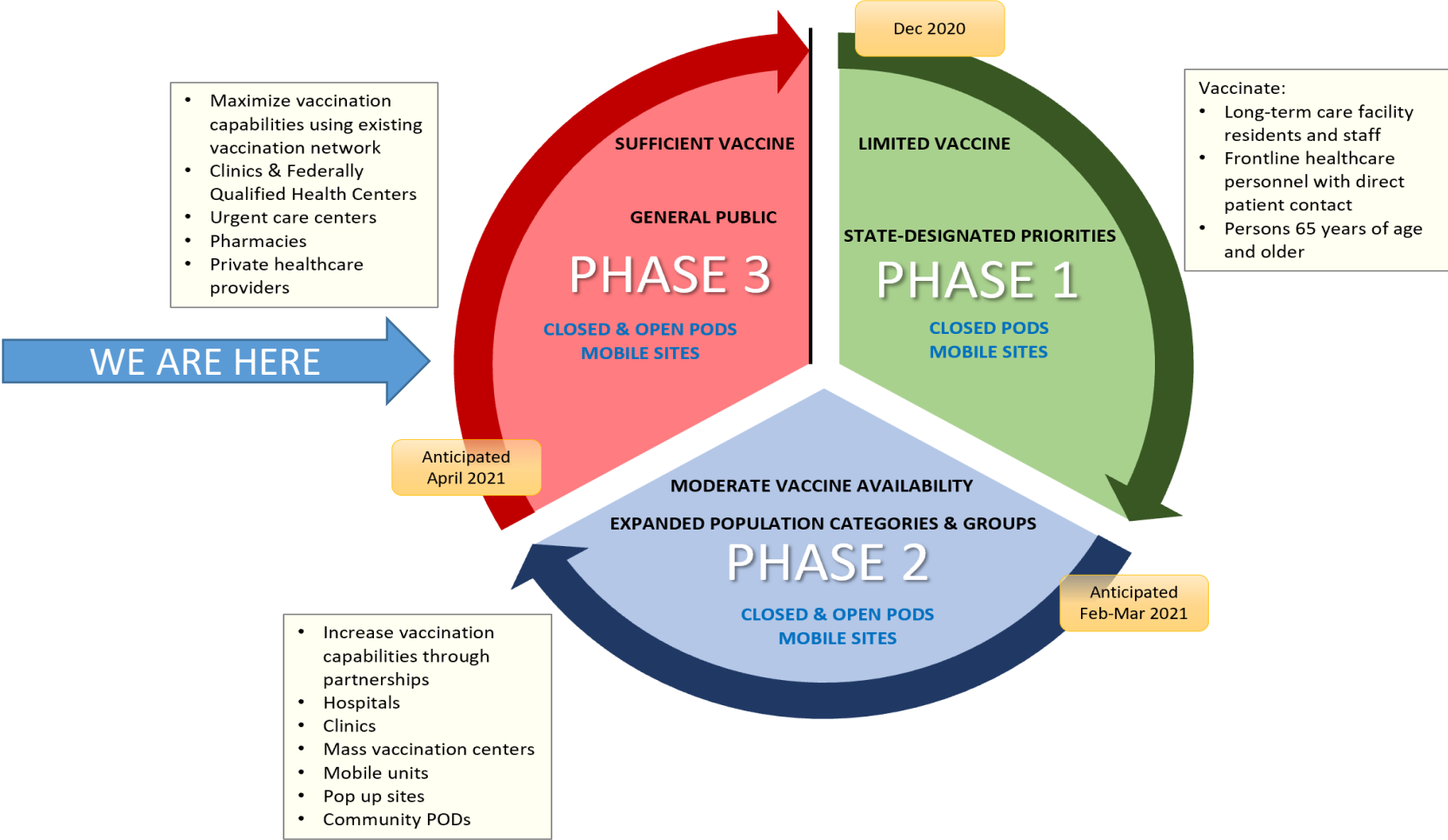
■ B.1.351 - South Africa ■ P.1 - Japan/Brazil ■ B.1.429 - US ■ B.1.427 - US ■ B.1.1.7 - UK



COVID-19 VACCINATION PHASES

PALM BEACH COUNTY

Palm Beach County 4/19/21



How do we discern where the deaths and cases are coming from?

Age group	All cases	New cases (4/18)	Hospitalizations	Deaths
0-4 years	2,586 2%	6 3%	73 1%	0 0%
5-14 years	8,655 6%	19 8%	63 1%	0 0%
15-24 years	21,303 16%	36 15%	241 4%	1 0%
25-34 years	24,757 18%	42 18%	440 7%	14 1%
35-44 years	21,081 15%	41 18%	558 8%	51 2%
45-54 years	20,807 15%	44 19%	801 12%	110 4%
55-64 years	17,986 13%	25 11%	1,066 16%	250 9%
65-74 years	9,969 7%	11 5%	1,118 17%	450 17%
75-84 years	5,851 4%	5 2%	1,215 18%	767 28%
85+ years	3,624 3%	3 1%	1,046 16%	1,080 40%
Unknown	77 0%	2 1%	1 0%	0 0%
Total	136,696	234	6,622	2,723

51%
New
Cases

85%
Deaths

Important message to 15–44-year-olds: long term effects of COVID-19 serious and debilitating.



Data from 4/19/21 FDOH COVID Report

How do we go forward in Phase 3?

- Number one objective is to stop the spread of COVID-19 to avoid loss of lives, hospital surge, closing of business and schools
 - Wearing masks stops the spread of the virus including the variants
 - Maintain the mask mandate as recommended by the CDC Guidelines. We need our Daily Positivity numbers are below 5%-2% and our Total Positivity is below 10% to be safe
 - With the vaccination of 65-year-olds and older at 80%, hospital surges are not likely in Palm Beach County
 - Focus attention to assure congregate living facilities, including jails and schools are continue testing, vaccinating and treating with live saving antibody monoclonal therapy
 - Prioritize contact tracing to outbreaks in those facilities
 - As we enter phase 3, we begin plans to transfer the vaccinating to the private sector while we continue with targeted outreach for 2 specific groups:
 - 15–44-year-olds especially in Colleges and Universities
 - Transition from mass vaccination to targeted community groups consisting of minorities which are the hardest hit in terms of mortality and morbidity and other hesitancy groups



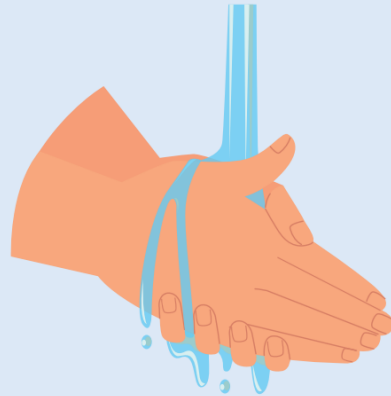
3 W's

3 W's to reduce risk of COVID-19

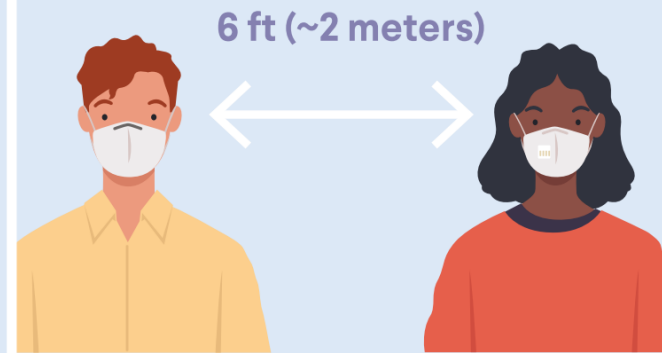
Wear a mask



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



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	March 15, 2021	March 22, 2021	March 30, 2021	April 6, 2021	April 13, 2021	April 20, 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	16.04% positivity rate	16.09% positivity rate	16.15% positivity rate	16.22% positivity rate	16.30% positivity rate	16.41% 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	5.72% (avg. ‡) daily lab COVID-19 positivity rate	5.60% (avg. ‡) daily lab COVID-19 positivity rate	5.95% (avg. ‡) daily lab COVID-19 positivity rate	6.32% (avg. ‡) daily lab COVID-19 positivity rate	6.38% (avg. ‡) daily lab COVID-19 positivity rate	6.79% (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	5.59% (avg. ³) daily lab COVID-19 positivity rate	5.66% (avg. ³) daily lab COVID-19 positivity rate	5.77% (avg. ³) daily lab COVID-19 positivity rate	6.13% (avg. ³) daily lab COVID-19 positivity rate	6.35% (avg. ³) daily lab COVID-19 positivity rate	6.58% (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	209 (avg.) COVID-19 ⊕ patients hospitalized per day	190 (avg.) COVID-19 ⊕ patients hospitalized per day	197 (avg.) COVID-19 ⊕ patients hospitalized per day	184 (avg.) COVID-19 ⊕ patients hospitalized per day	209 (avg.) COVID-19 ⊕ patients hospitalized per day	220 (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	2,569 deaths; 1.40% death rate	2,598 deaths; 2.02% death rate	2,644 deaths; 2.02% death rate	2,672 deaths; 2.00% death rate	2,700 deaths; 1.98% death rate	2,723 deaths; 1.95% 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	1.4 (avg. ‡) COVID-19-related deaths/day	2.2 (avg. ‡) COVID-19-related deaths/day	1.43 (avg. ‡) COVID-19-related deaths/day	1.43 (avg. ‡) COVID-19-related deaths/day	1.29 (avg. ‡) COVID-19-related deaths/day	1.29 (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	March 15, 2021	March 22, 2021	March 30, 2021	April 6, 2021	April 13, 2021	April 20, 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	2.00 (avg. ³) COVID-19-related deaths/day	2.38 (avg. ³) COVID-19-related deaths/day	2.29 (avg. ³) COVID-19-related deaths/day	1.43 (avg. ³) COVID-19-related deaths/day	1.43 (avg. ³) COVID-19-related deaths/day	1.50 (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	52.71 (avg.‡) COVID-19 ICU patients/day	48.71 (avg.‡) COVID-19 ICU patients/day	44.57 (avg.‡) COVID-19 ICU patients/day	41.86 (avg.‡) COVID-19 ICU patients/day	48.43 (avg.‡) COVID-19 ICU patients/day	53.14 (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	4.57 (avg.‡) Med Alert patients/day	6.29 (avg.‡) Med Alert patients/day	5.29 (avg.‡) Med Alert patients/day	4.29 (avg.‡) Med Alert patients/day	4.43 (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	349 ED visits presenting with CLI	396 ED visits presenting with CLI	365 ED visits presenting with CLI	436 ED visits presenting with CLI	446 ED visits presenting with CLI	526 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; 785,805 people tested	9 public, 4 non-profit, 107 commercial testing sites; 797,331 people tested	9 public, 4 non-profit, 107 commercial testing sites; 810,278 people tested	9 public, 4 non-profit, 107 commercial testing sites; 823,417 people tested	9 public, 4 non-profit, 107 commercial testing sites; 835,503 people tested	9 public, 4 non-profit, 107 commercial testing sites; 848,377 people tested

Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	March 15, 2021	March 22, 2021	March 30, 2021	April 6, 2021	April 13, 2021	April 20, 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	DoH-PBC Epi staff remained the same at 203; contact tracing decreased	DoH-PBC Epi staff remained the same at 203; contact tracing decreased	DoH-PBC Epi staff remained the same at 203; contact tracing decreased	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 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	CECT assigned 12,318 cases; conducted over 10,526 site visits; 27 business closures	CECT assigned 12,387 cases; conducted over 10,531 site visits; 27 business closures	CECT assigned 12,497 cases; conducted over 10,780 site visits; 27 business closures	CECT assigned 12,653 cases; conducted over 10,938 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 nine weeks to <89%, this week is at 83% which still remains below the ≥90% target of positive cases were contacted and interviewed within 48 hours of notification of test results

† data from April 15 – April 19, 2021.

†† data from March 19 – April 8, 2021.

 = benchmark desired outcome or trend met

 = benchmark desired outcome or trend not met

4/20/2021

previous versions are obsolete



COVID-19 UPDATE

Board of County Commissioners

April 20, 2021

Mary Blakeney, Director

Division of Emergency Management

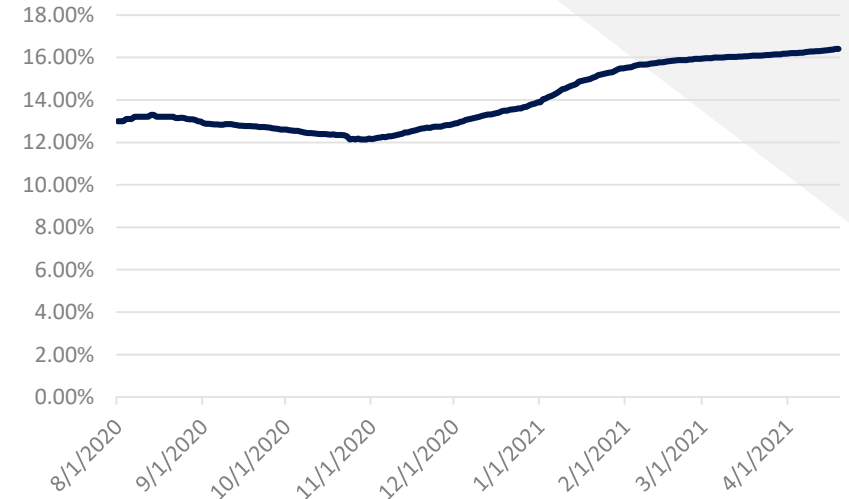
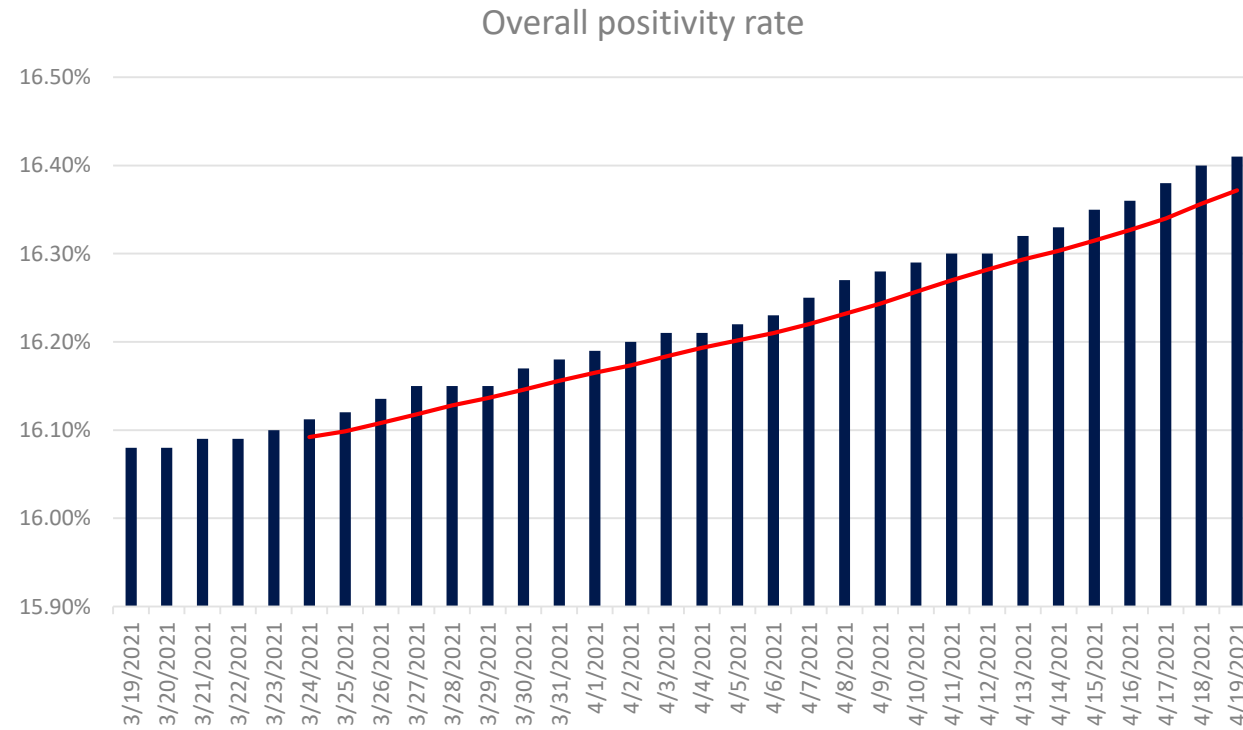
Public Safety Department



COVID-19 total tested positivity

March 19 – April 19, 2021

Overall positivity rate August - present

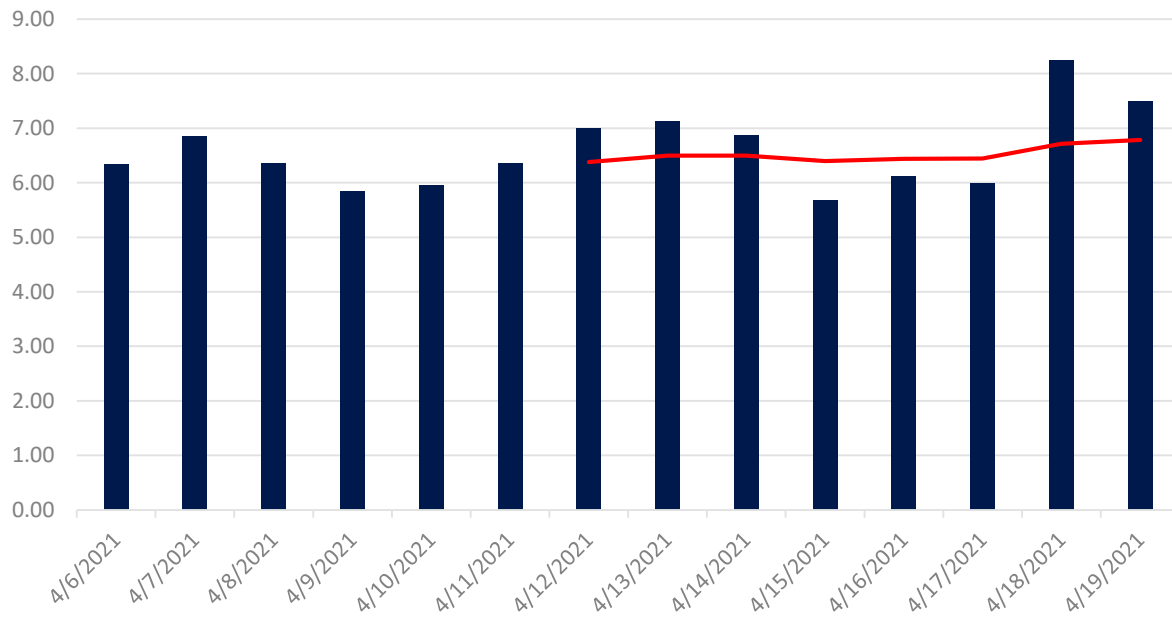




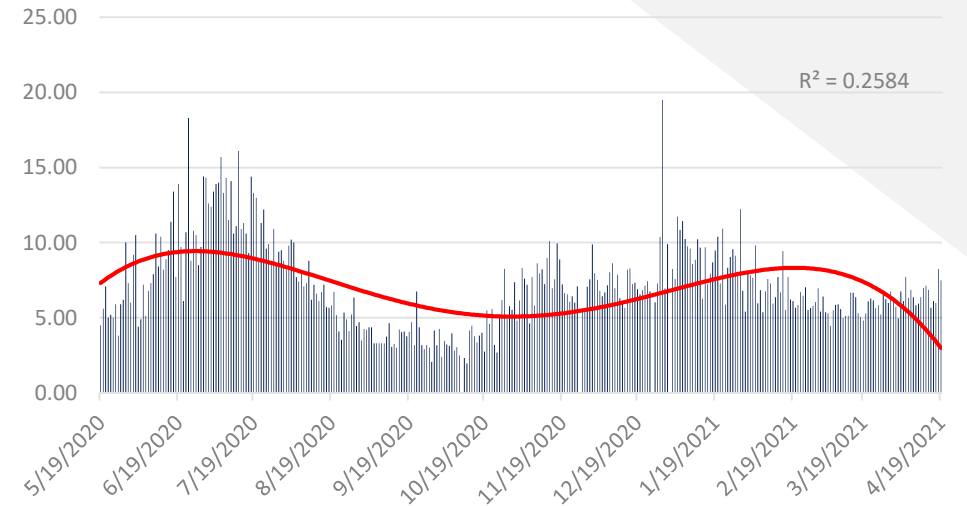
COVID-19 daily lab positivity

April 6 – April 19, 2021

Daily lab positivity



Daily lab positivity

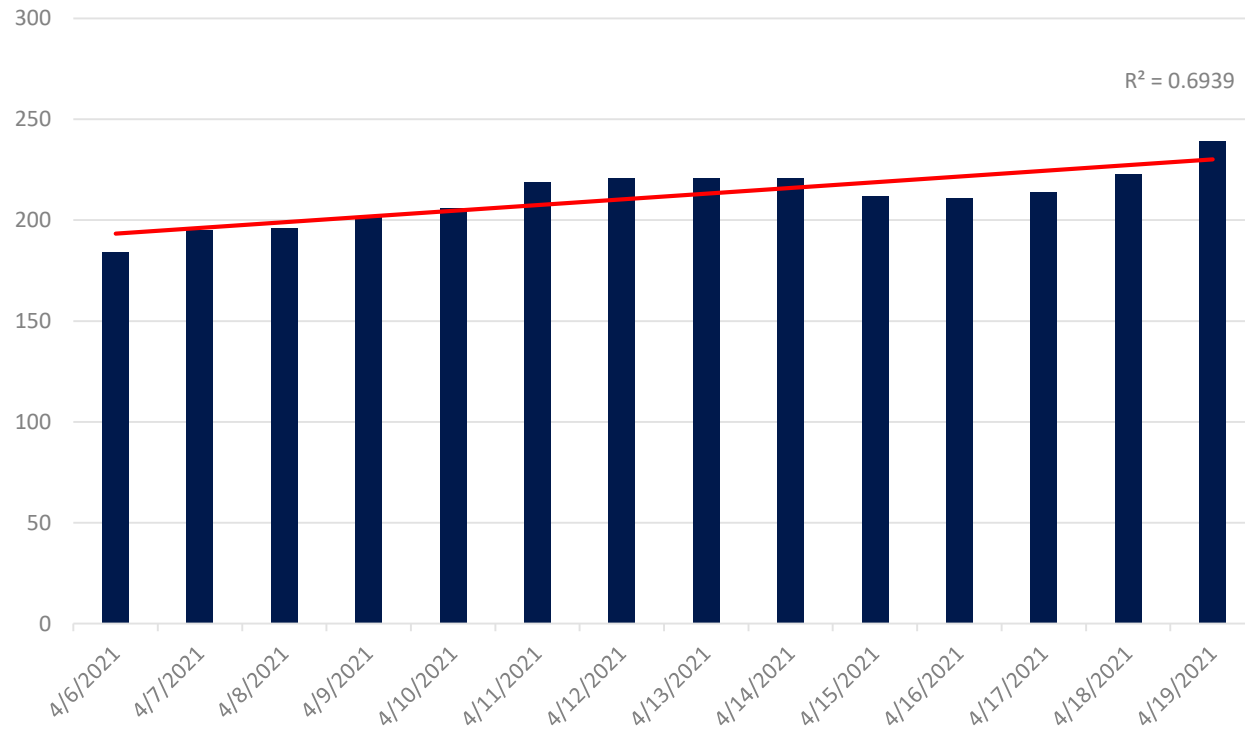




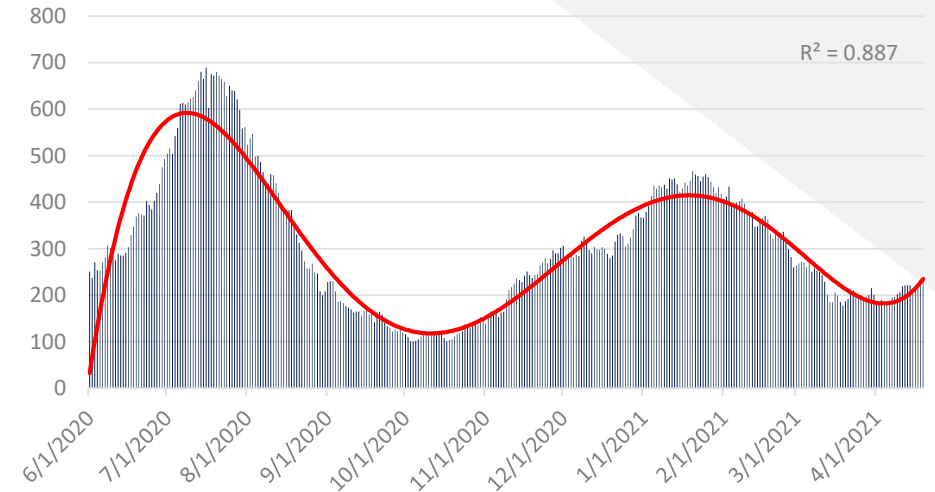
COVID-19 positive total hospital census

April 6 – April 19, 2021

COVID total hospital cases



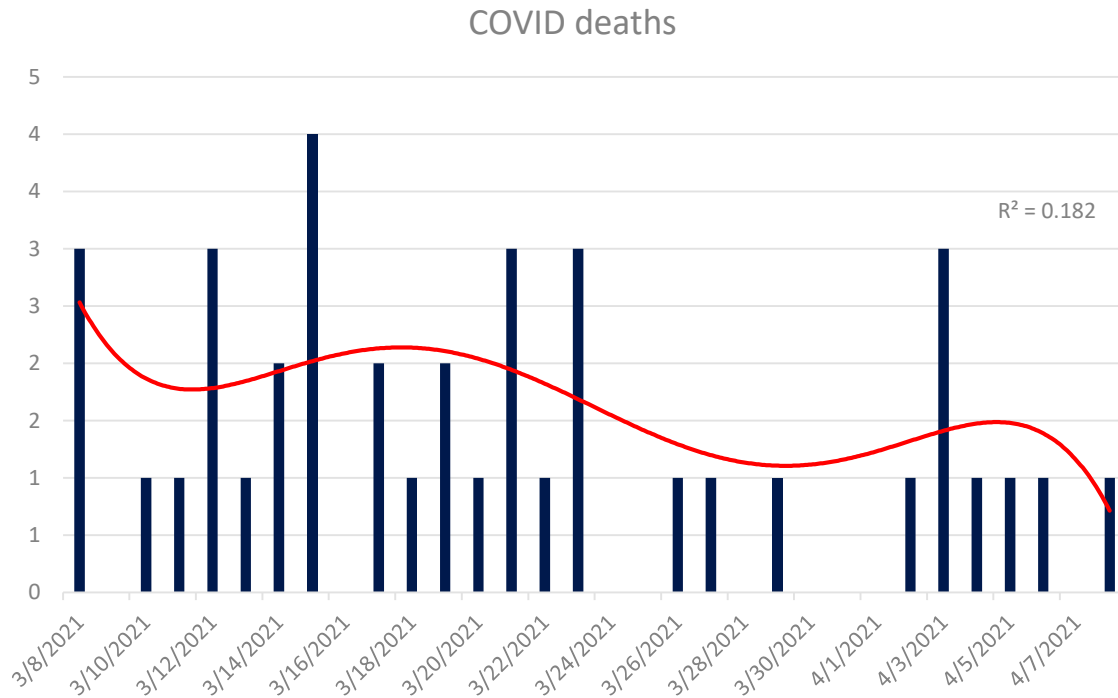
COVID hospitalization since June 2020



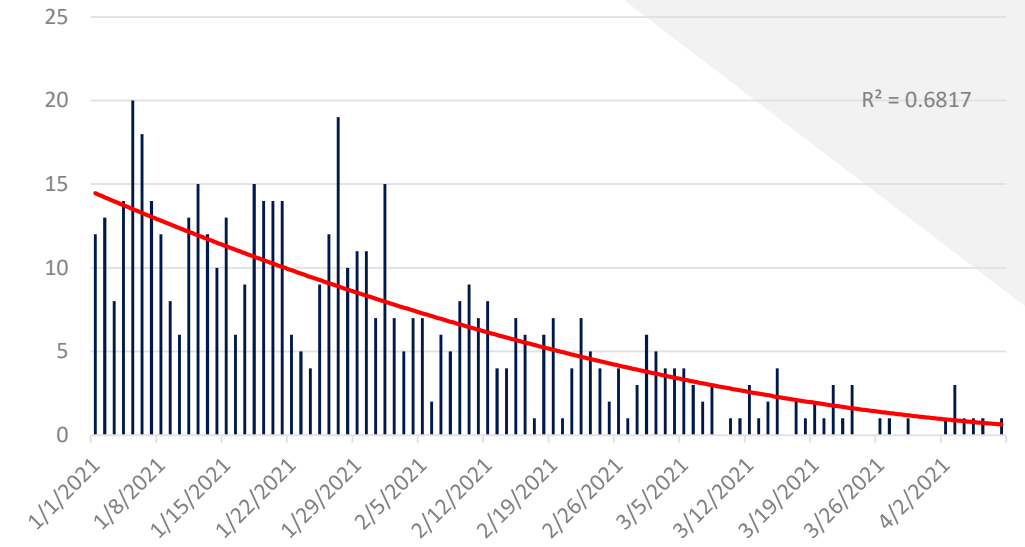


COVID-19 deaths

March 8 – April 8, 2021



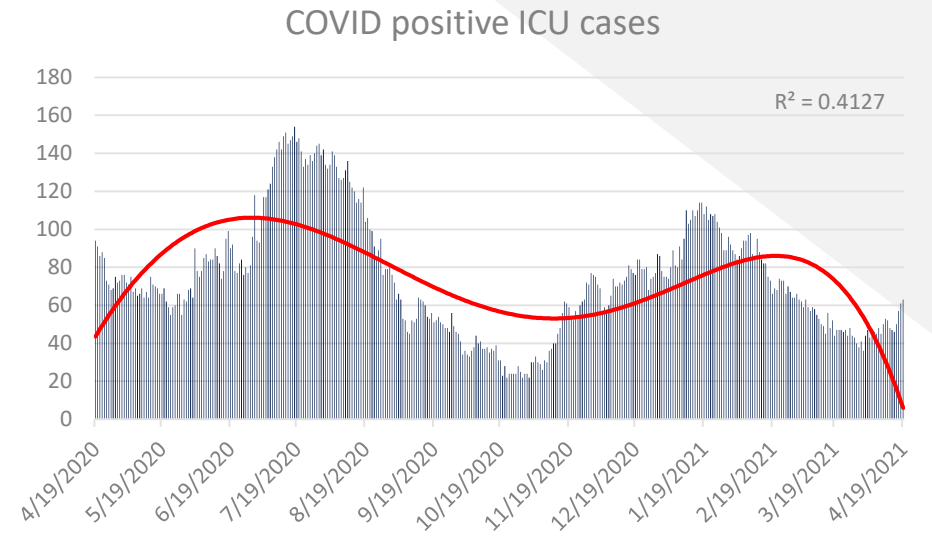
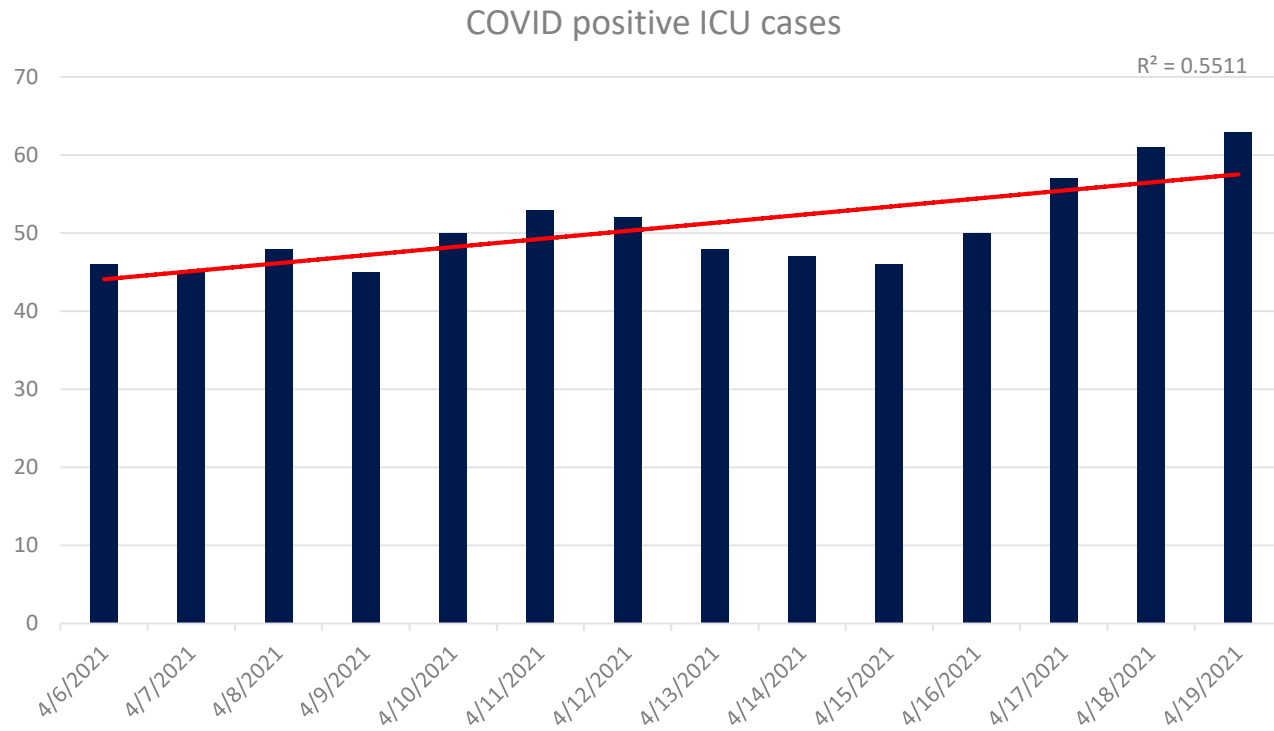
COVID positive deaths 2021





COVID-19 positive ICU cases

April 6 – April 19, 2021



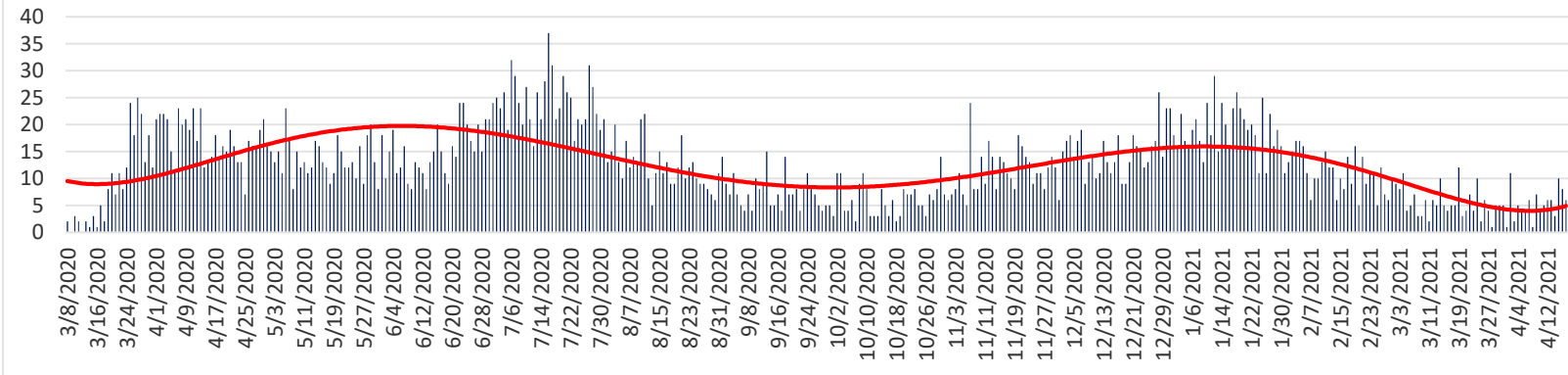


Daily Med Alerts

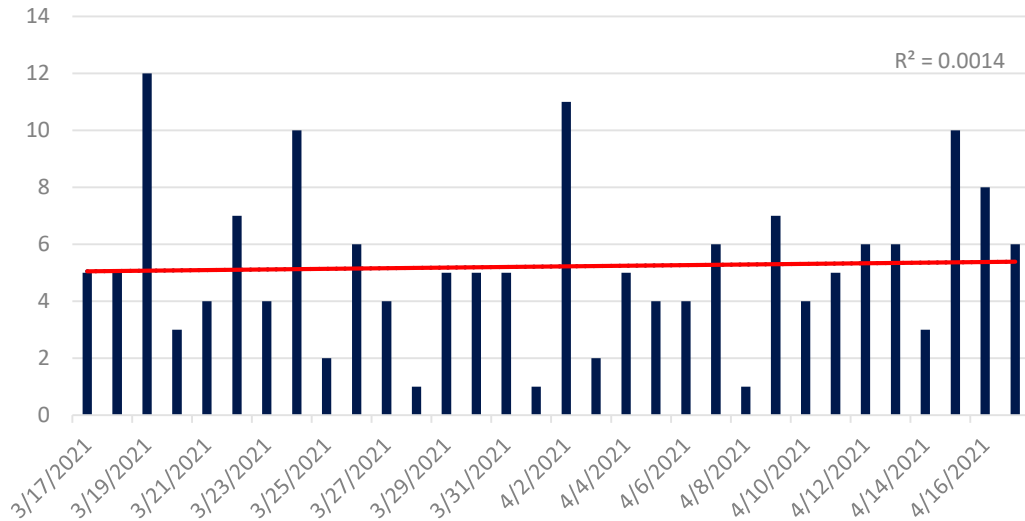
March 3, 2021 – April 3, 2021

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

R² = 0.384



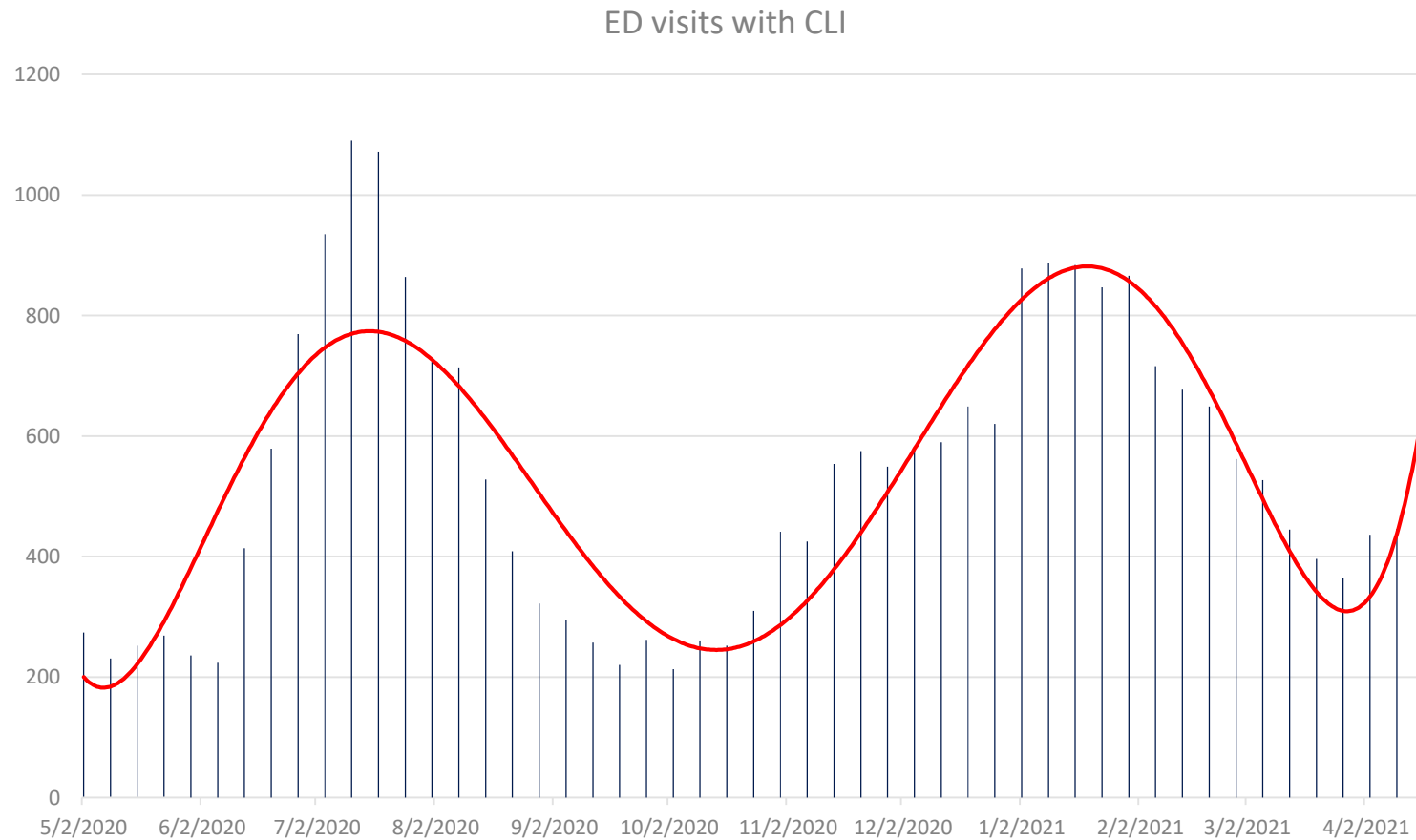
PBCFR MedAlerts last 30 days





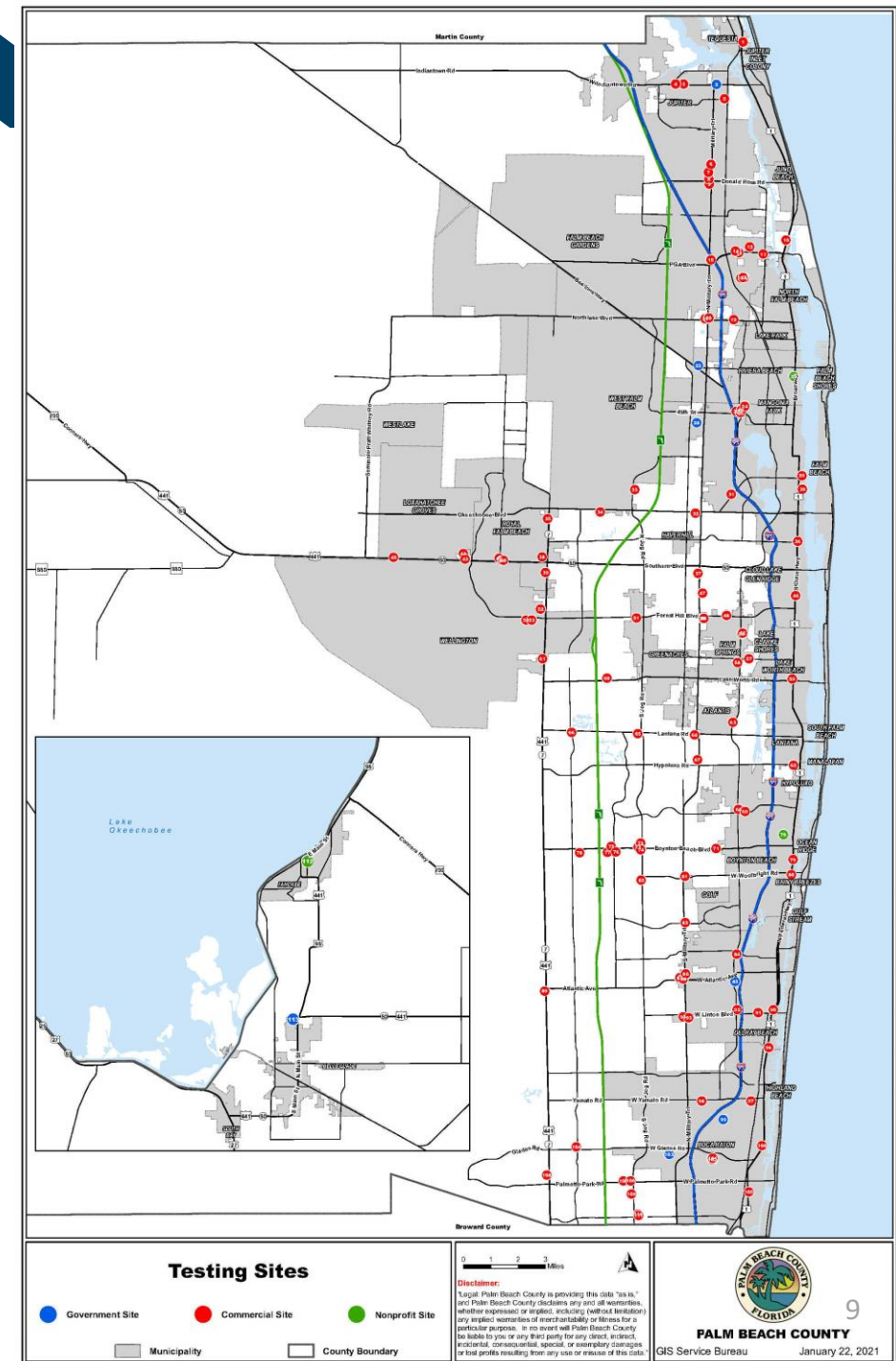
ED visits with CLI

April 26, 2020 – April 17, 2021



COVID-19 testing sites

- 848,377 people tested
- 9 government-sponsored sites
- 4 non-profit sites
- 107 commercial sites
- homebound testing (PBCFR)
- www.pbcgov.org





COVID-19 Vaccination

- Daily calls with local partners
 - Mid-County Senior Center
 - South County Civic Center
 - South Florida Fairgrounds
 - Burns Road Community Center
- State calls three times a week
- Weekly Municipal Calls

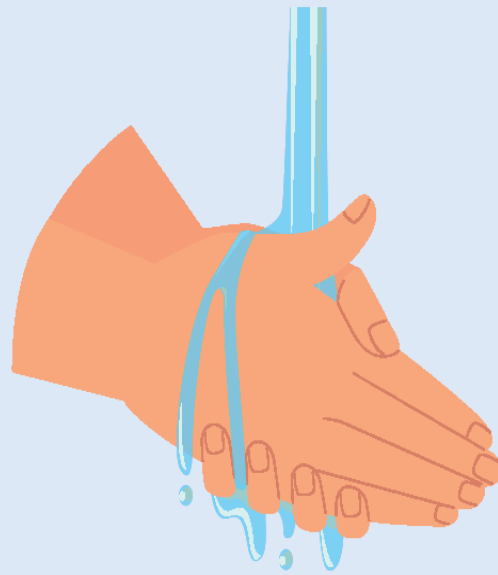


3 W's to reduce risk of COVID-19

Wear a mask



Wash your hands



Watch your distance

