

Department of Health

COVID-19 UPDATE

BCC

PALM BEACH COUNTY



ALINA M. ALONSO, M.D.

DIRECTOR

DOH-PALM BEACH

APRIL 6, 2021

COVID-19 Cases US vs Global

Data as of 3/23/21

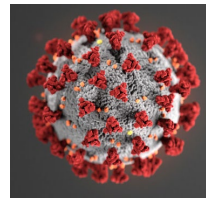
Data as of 4/06//21

USA Cases
29,865,597
+824,367

Global Cases
123,622,286

USA Cases
30,708,630
+843,033

Global Cases
131,435,555



USA Deaths
542,880
+17,152

Global Deaths
2,722,156

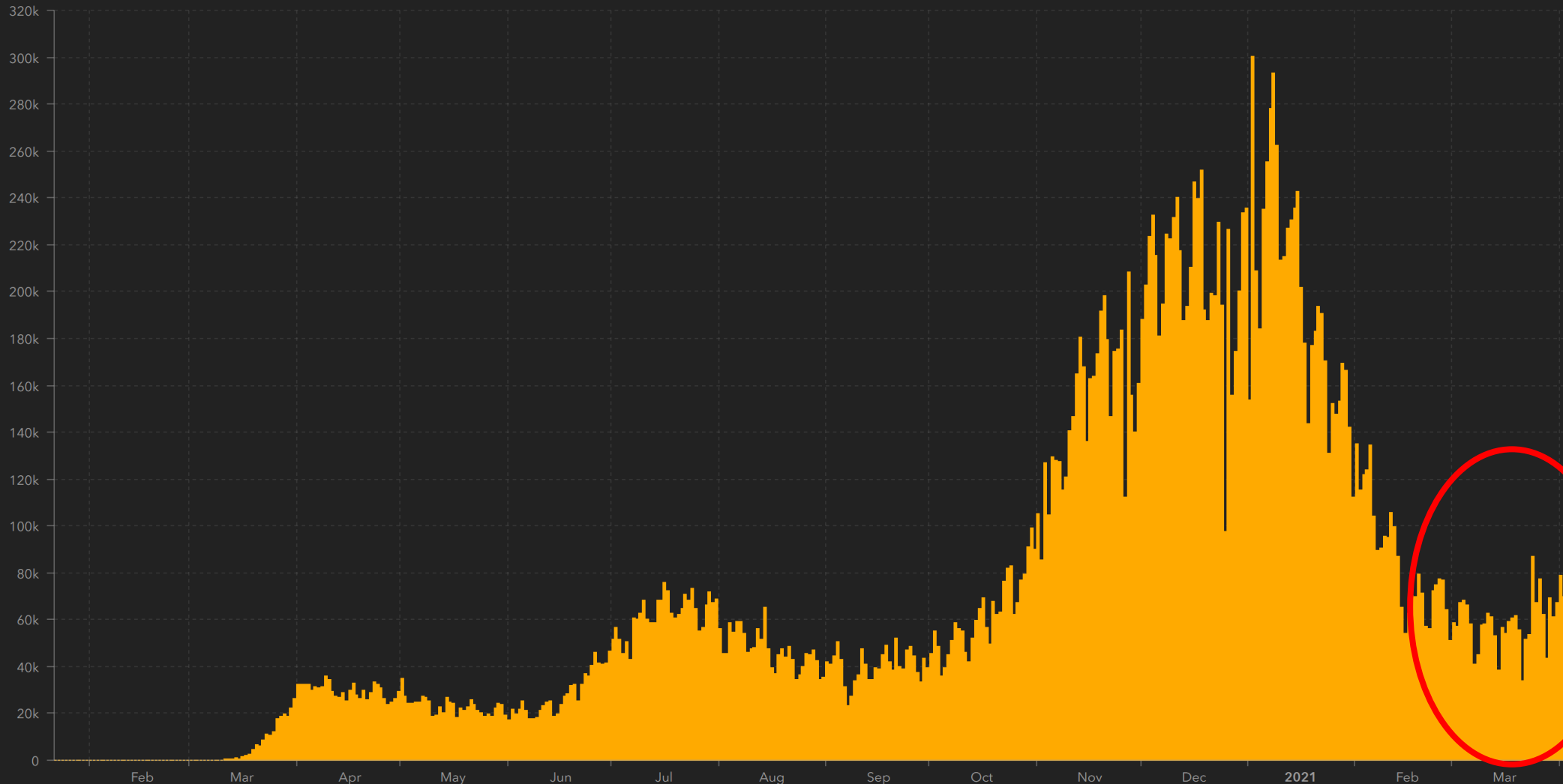
USA Deaths
555,015
+12,135

Global Deaths
2,851,135



US New COVID Cases by Day

Data as of 4/06/21



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



COVID Cases in FL and PBC

As of 3:00 pm 4/05/21

Palm Beach County Florida

133,571 (+285)

2,085,306 (+3,480)

Total positive cases to date

6,551 (+6)

85,500 (+124)

Total patients hospitalized cumulatively

2,672 (+11)

33,710 (+36)

COVID cumulative deaths reported

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 4/5	71.1 % ↓	3.5 % ↓	61.8 % ↓	10.5 % ↓	35.5 % ↓	369 ↑		6.18% ↑	6.15% ↑
Sun 4/4	n/a	3.5 %	n/a	11.2 %	n/a	286	3712	7.70 %	16.21 %
Sat 4/3	n/a	3.3 %	n/a	10.2 %	n/a	327	5333	6.13 %	16.21 %
Fri 4/2	75.3 %	3.3 %	70.5 %	10.5 %	34.9 %	413	6315	6.57 %	16.20 %
Thu 4/1	76.2 %	3.6 %	69.8 %	8.6 %	36.5 %	410	8256	5.00 %	16.19 %
Wed 3/31	75.5 %	3.9 %	68.5 %	9.8 %	36.7 %	502	8743	5.78 %	16.18 %
Tues 3/30	73.1 %	4.3 %	61.8 %	9.1 %	35.3 %	341	5429	6.32 %	16.17 %
Mon 3/29	68.8 %	3.9 %	60.3 %	9.5 %	31.7 %	326	4830	6.81 %	16.15 %
Sun 3/28	n/a	3.7 %	n/a	10.2 %	n/a	186	3108	6.05 %	16.15 %
Sat 3/27	n/a	3.7 %	n/a	10.5 %	n/a	365	5845	6.32 %	16.15 %
Fri 3/26	75.3 %	3.7 %	66.8 %	11.4 %	33.0 %	433	6609	6.63 %	16.14 %
Thu 3/25	75.2 %	3.7 %	66.3 %	10.5 %	36.1 %	418	8023	5.27 %	16.12 %
Wed 3/24	74.5 %	3.8 %	69.6 %	11.2 %	38.4 %	460	7687	6.05 %	16.11 %
Tues 3/23	73.8 %	4.0 %	69.8 %	11.0 %	34.9 %	405	7193	5.71 %	16.10 %
Mon 3/22	73.1 %	3.9 %	70.0 %	11.2 %	35.5 %	301	4867	6.25 %	16.09 %

Florida Governor's Executive Order

- Persons 16 or 18 years of age and older, depending on vaccine;
- 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 4/06/21

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

Percentage Vaccinations by Counties and Age Groups

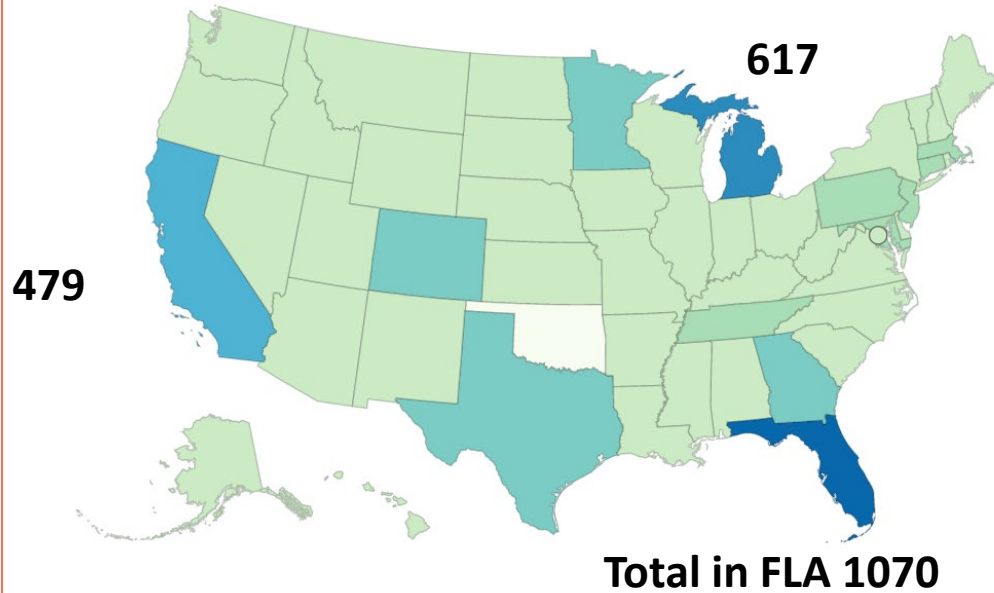
Age Groups			50-54			55-59			60-64			65+
Palm Beach	94,461	30,218	32%	102,502	38,207	37%	96,008	49,504	52%	361,966	276,214	76%
Broward	137,122	52,180	38%	142,198	62,199	44%	124,574	69,700	56%	336,796	250,354	74%
Hillsborough	97,152	33,407	34%	97,771	37,558	38%	86,150	43,433	50%	219,352	156,437	71%
Dade	209,469	73,441	35%	203,354	87,762	43%	166,862	86,803	52%	486,183	348,671	72%
Orange	91,463	32,368	35%	89,398	34,782	39%	75,816	39,349	52%	179,437	124,738	70%

COVID Variant Report

As of 3/22/21

As of 4/06/21

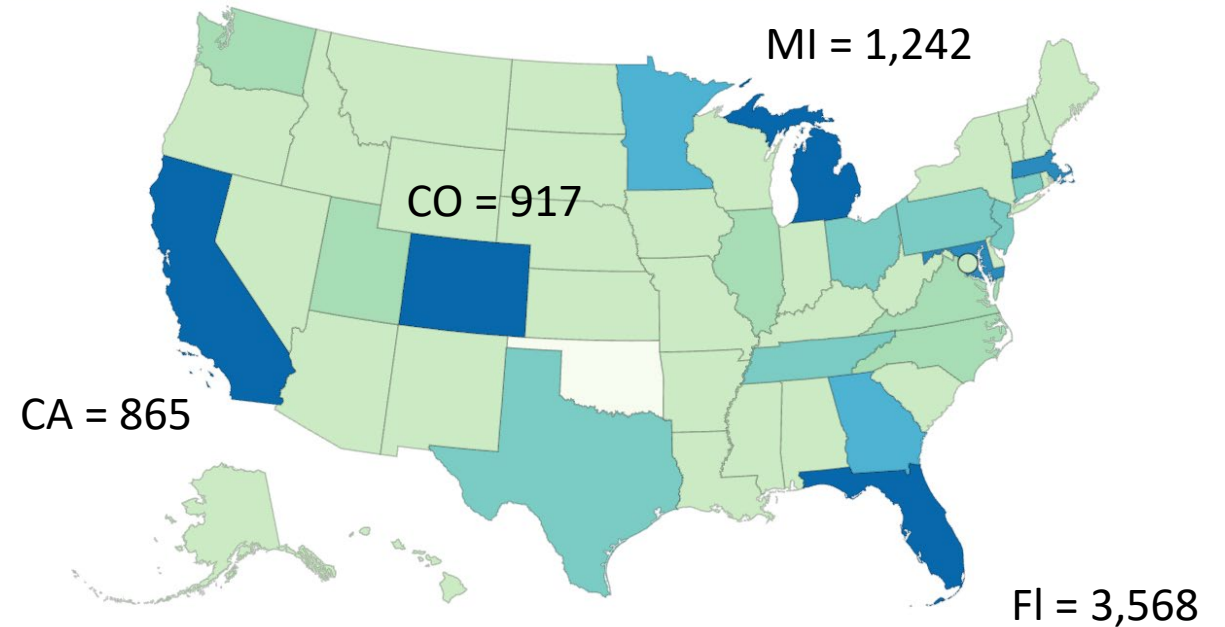
Cases of Variants of Concern in the United States*†



Territories AS GU MH FM MP PW PR VI



Cases of Variants of Concern in the United States*†



Territories AS GU MH FM MP PW PR VI

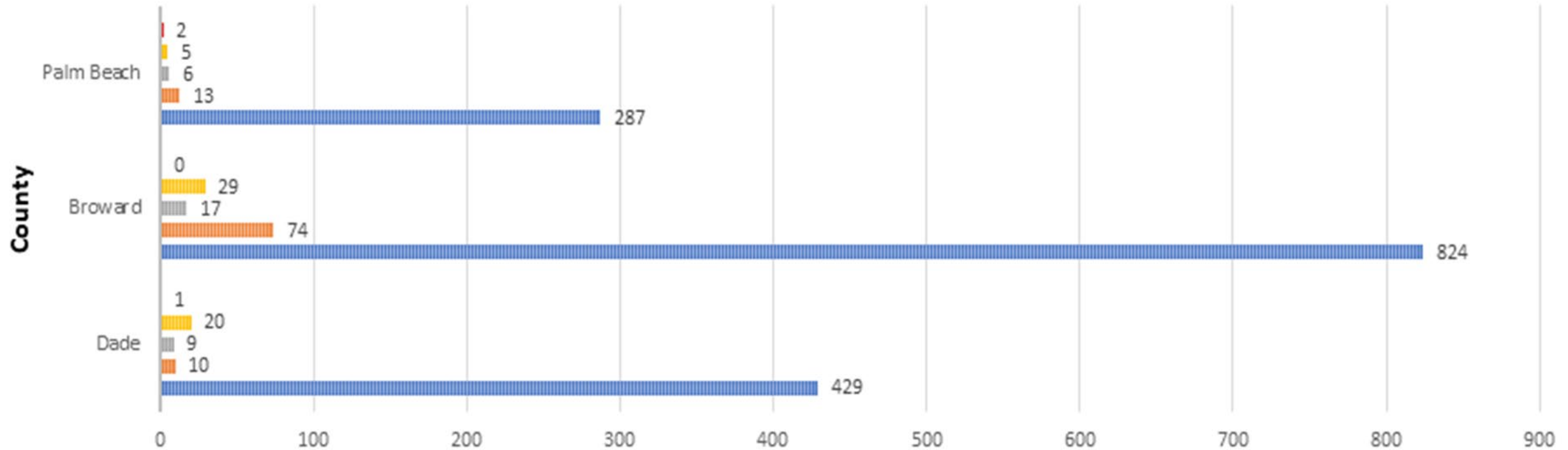
<https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html>

COVID-19 Variants Cases by Top Three Counties

COVID-19 VARIANT CASES BY COUNTY

CUMULATIVE DATA THROUGH APRIL 4, 2021, VERIFIED AS OF APRIL 5, 2021 (5:25AM)

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



Total # of Variant Cases
Total FL Variant Cases = 3,568

Age range = 17-97 y/o

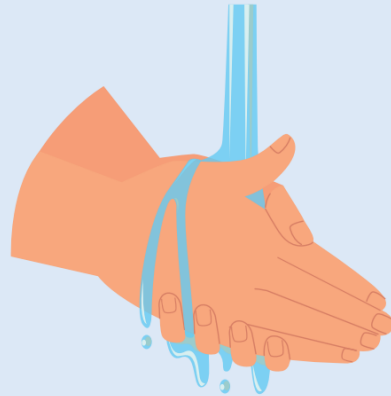
3 W's

3 W's to reduce risk of COVID-19

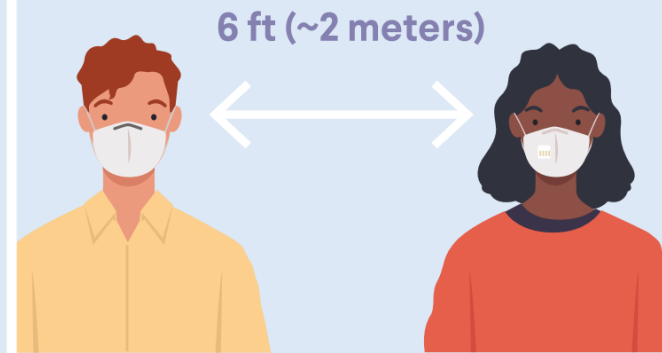
Wear a mask



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 1, 2021	March 8, 2021	March 15, 2021	March 22, 2021	March 30, 2021	April 6, 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	15.95% positivity rate	16.00% positivity rate	16.04% positivity rate	16.09% positivity rate	16.15% positivity rate	16.22% 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	6.21% (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	5.95% (avg. ‡) daily lab COVID-19 positivity rate	6.32% (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	6.23% (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	5.77% (avg. ³) daily lab COVID-19 positivity rate	6.13% (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	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	197 (avg.) COVID-19 ⊕ patients hospitalized per day	184 (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	2,480 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	2,644 deaths; 2.02% death rate	2,672 deaths; 2.00% 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	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	1.43 (avg. ‡) COVID-19-related deaths/day	1.43 (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 1, 2021	March 8, 2021	March 15, 2021	March 22, 2021	March 30, 2021	April 6, 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	3.07 (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	2.29 (avg. ³) COVID-19-related deaths/day	1.43 (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	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	44.57 (avg.‡) COVID-19 ICU patients/day	41.86 (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	9.86 (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	5.29 (avg.‡) Med Alert patients/day	4.29 (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	435 ED visits presenting with CLI	414 ED visits presenting with CLI	349 ED visits presenting with CLI	396 ED visits presenting with CLI	365 ED visits presenting with CLI	436 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; 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	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

Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	March 1, 2021	March 8, 2021	March 15, 2021	March 22, 2021	March 30, 2021	April 6, 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	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 11,673 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	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

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 seven weeks to <80%, this week is at 49% 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 1 – April 5, 2021.

†† data from March 6 – March 22, 2021.

= benchmark desired outcome or trend met

= benchmark desired outcome or trend not met

4/6/2021

previous versions are obsolete



COVID-19 UPDATE

Board of County Commissioners

April 6, 2021

Mary Blakeney, Director

Division of Emergency Management

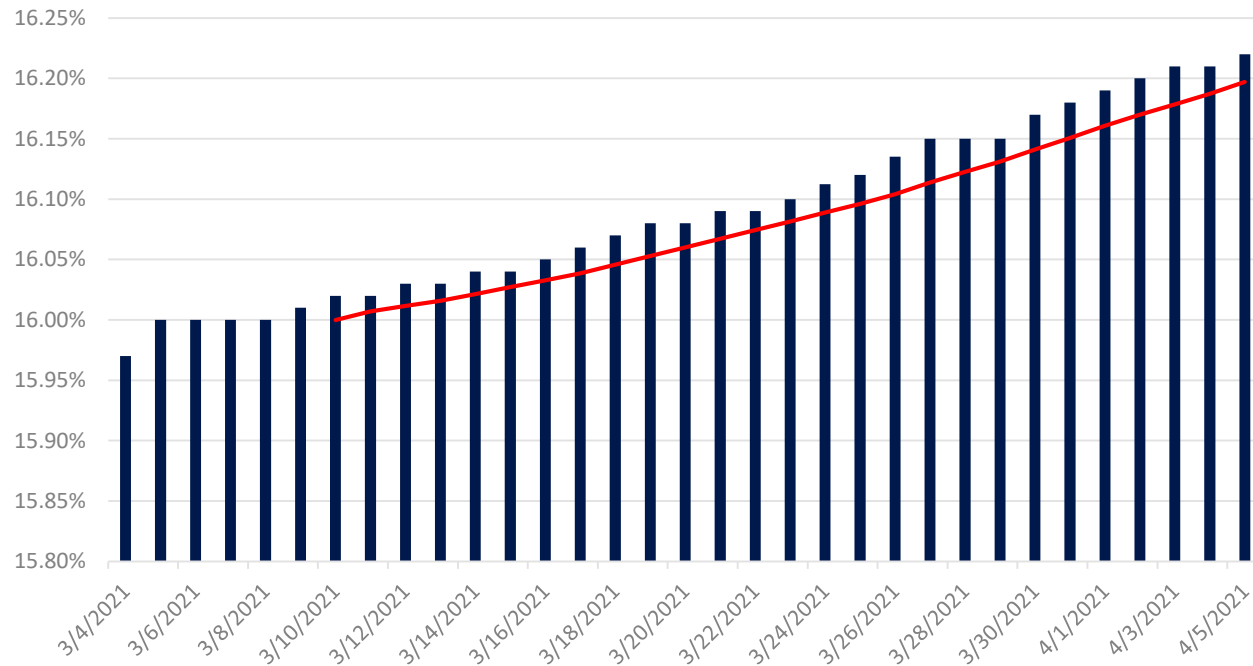
Public Safety Department



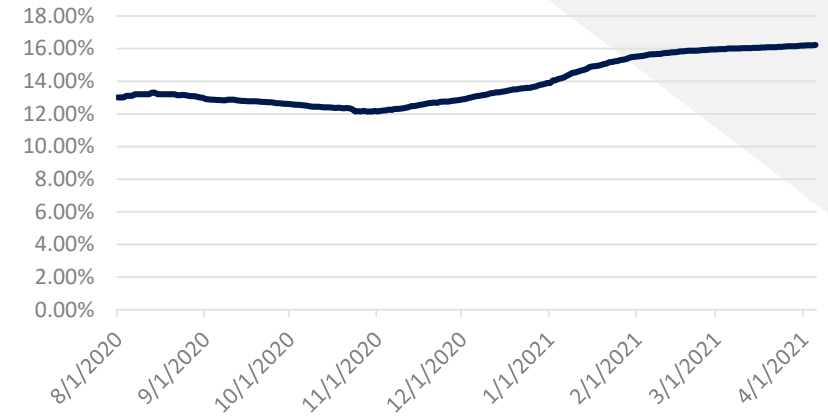
COVID-19 total tested positivity

March 4 – April 5, 2021

Overall positivity rate



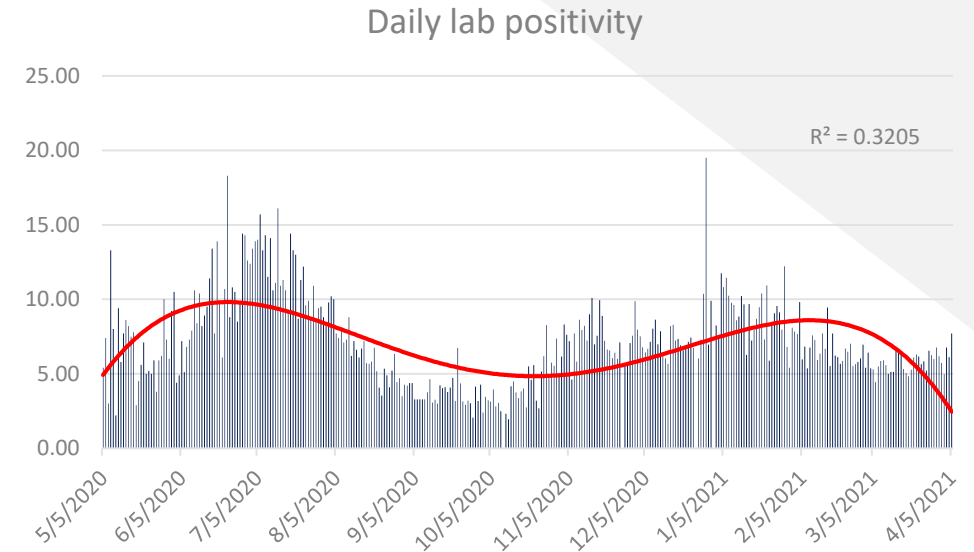
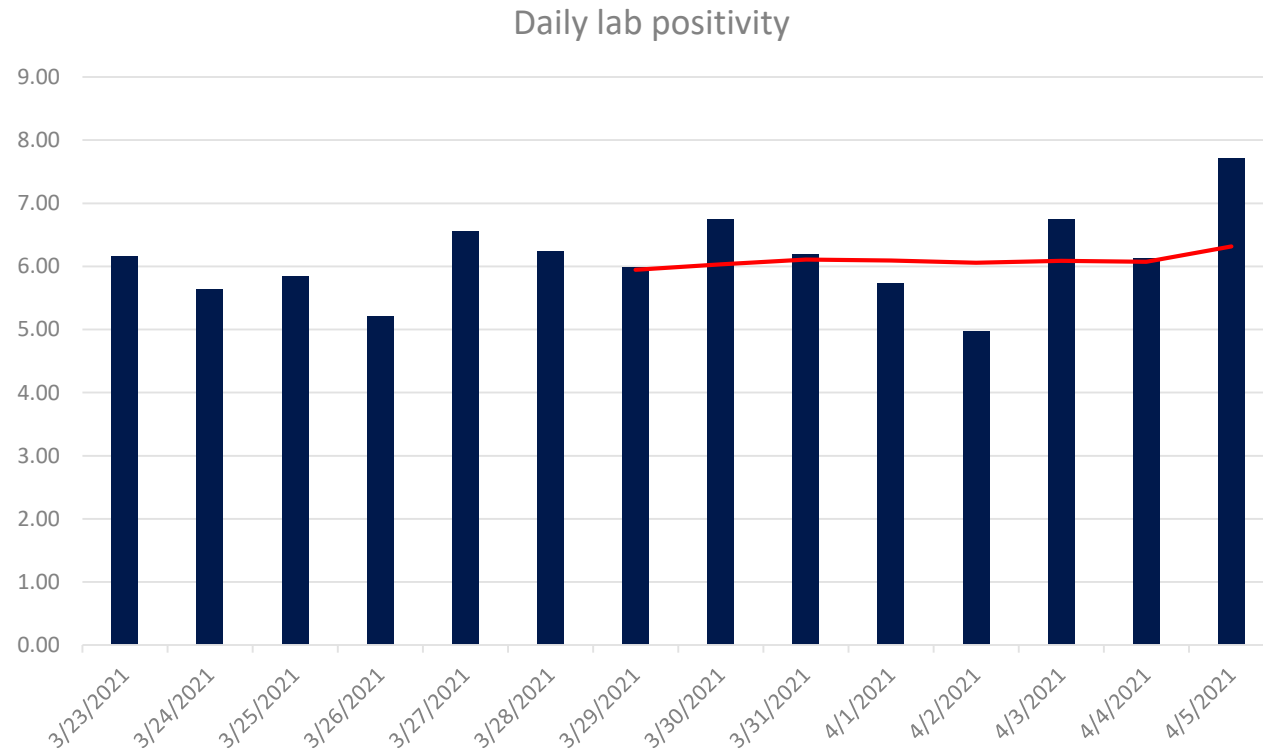
Overall positivity rate August - present





COVID-19 daily lab positivity

March 23 – April 5, 2021

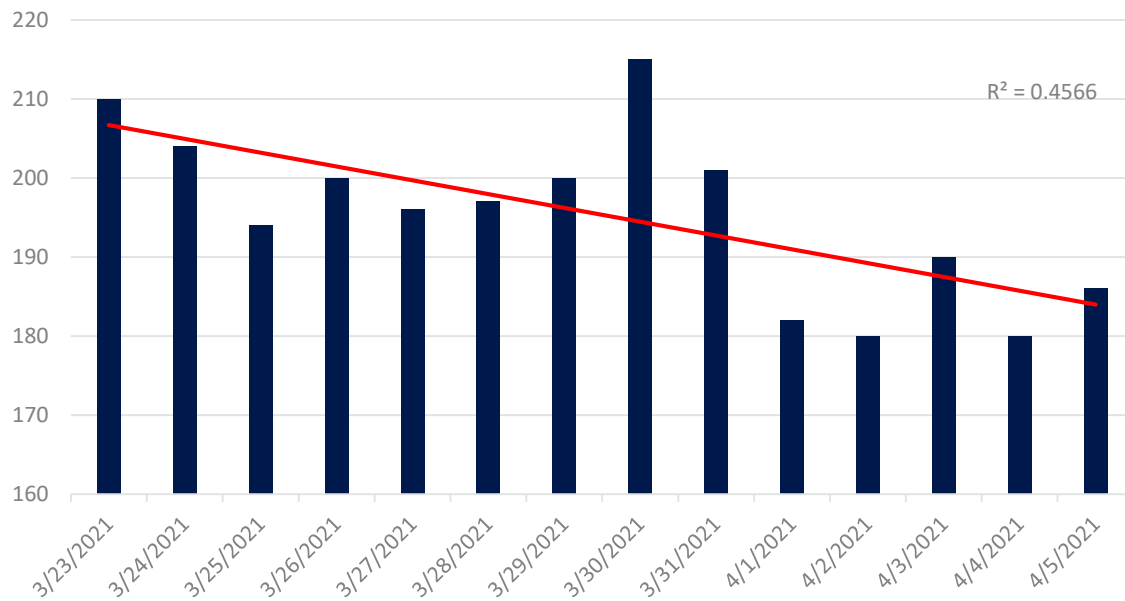




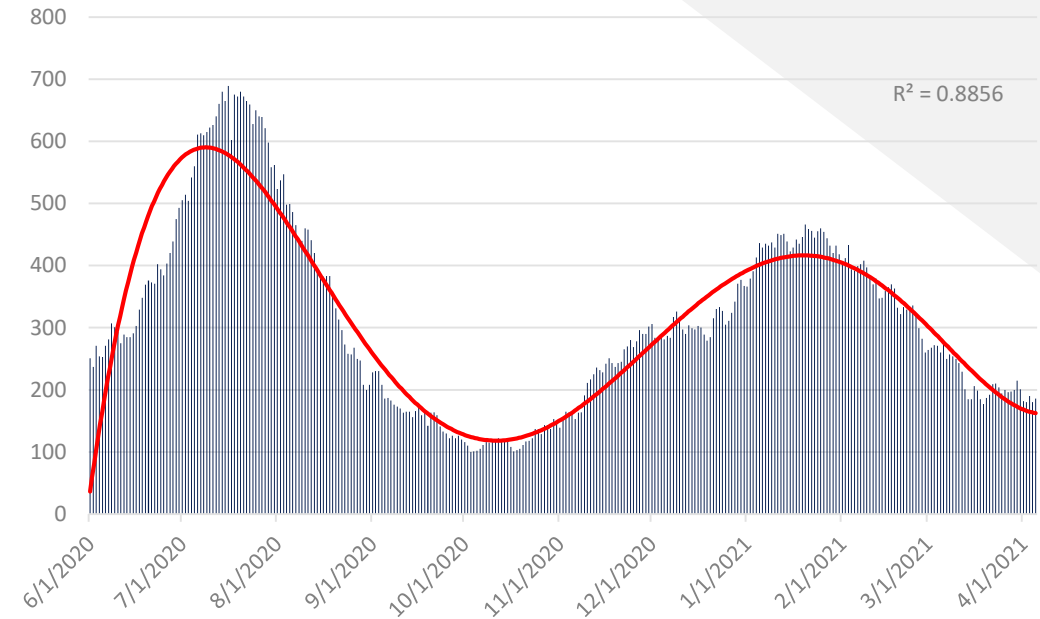
COVID-19 positive total hospital census

March 23 – April 5, 2021

COVID total hospital cases



COVID hospitalization since June 2020

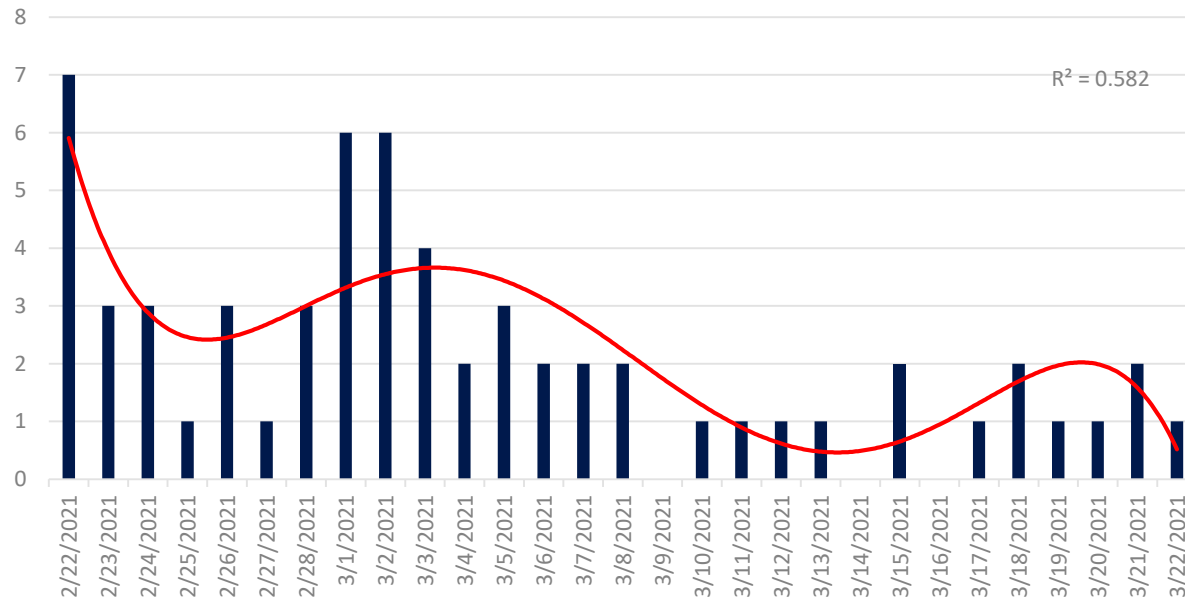




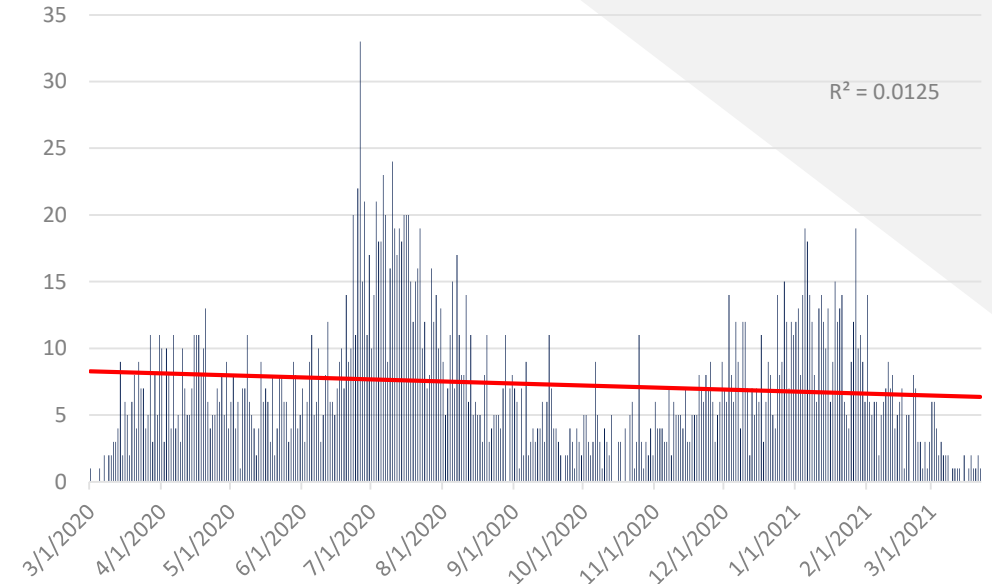
COVID-19 deaths

February 22 – March 22, 2021

COVID deaths



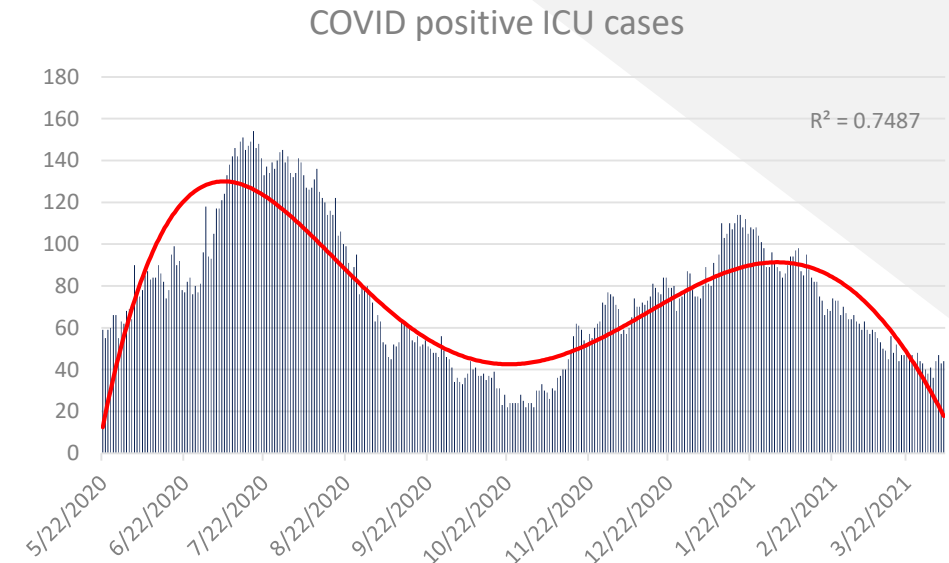
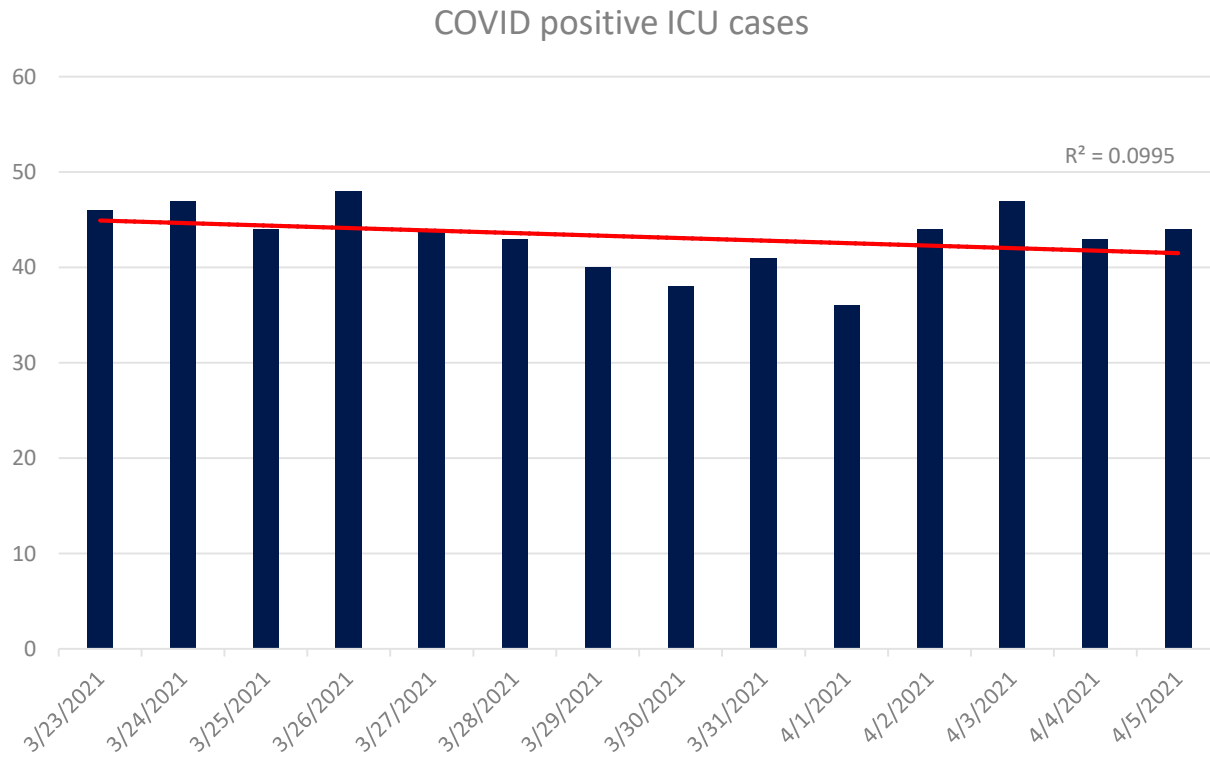
COVID positive deaths





COVID-19 positive ICU cases

March 23 – April 5, 2021



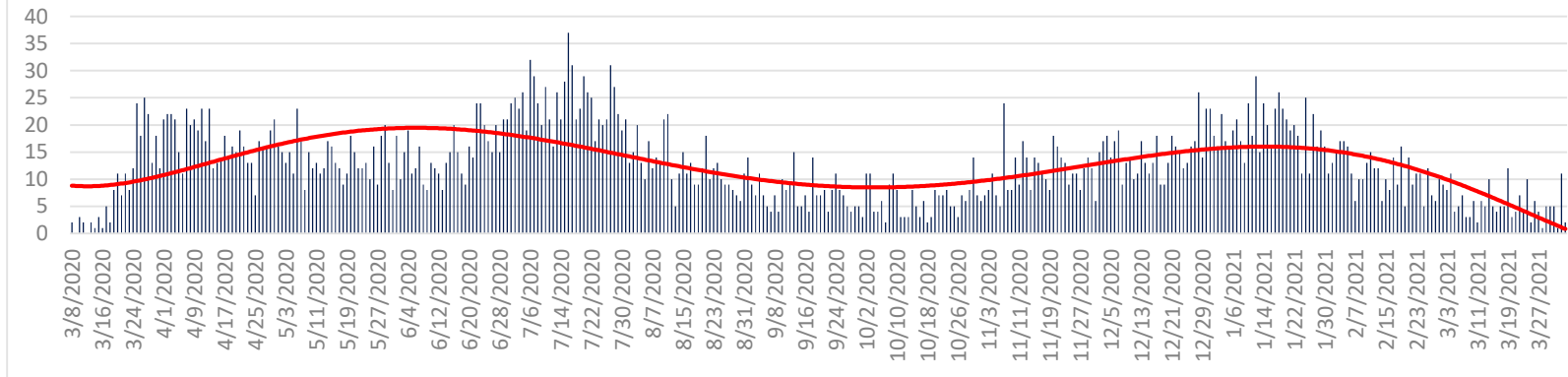


Daily Med Alerts

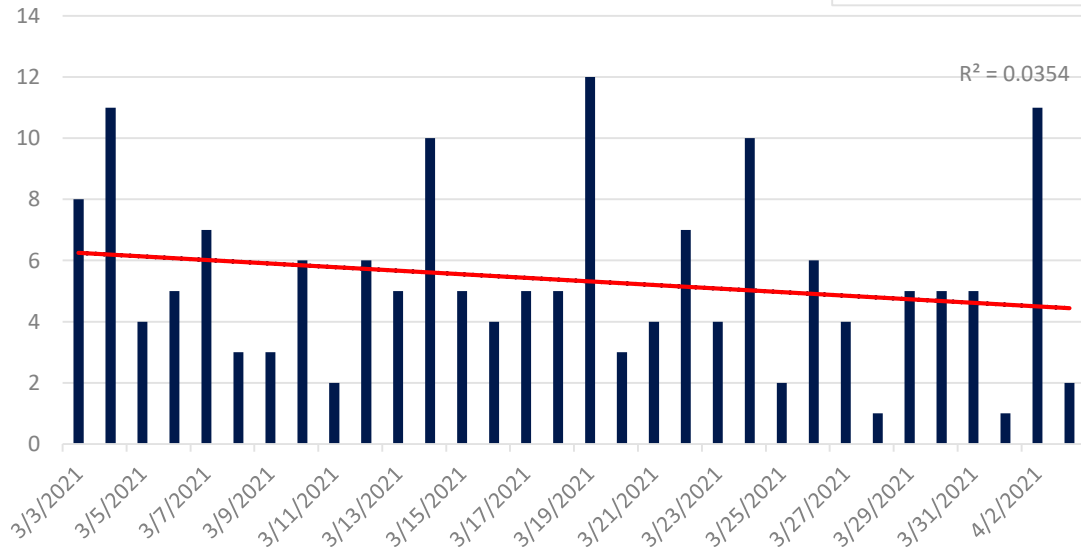
March 3, 2021 –
April 3, 2021

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

$R^2 = 0.3652$



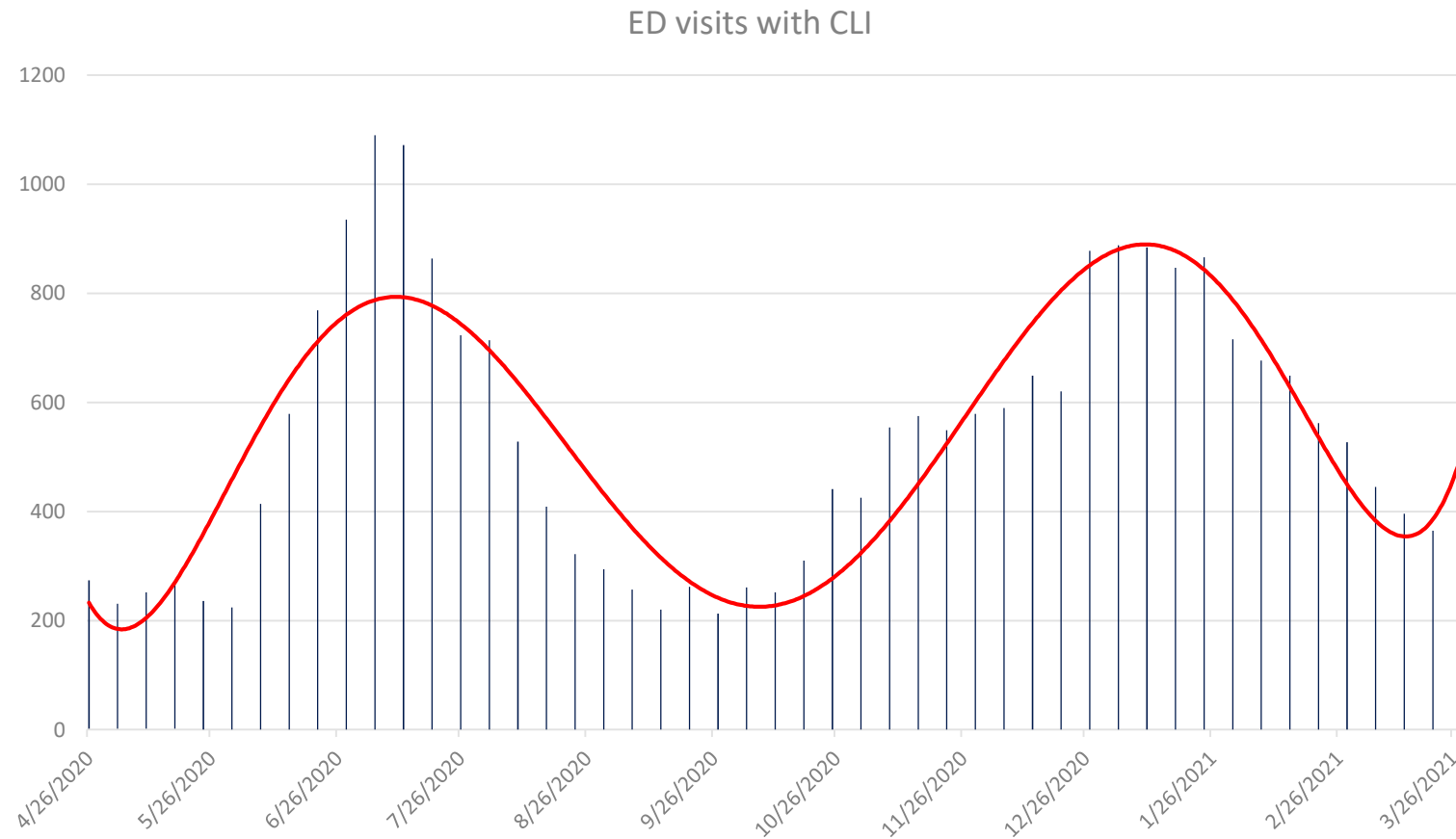
PBCFR MedAlerts last 30 days





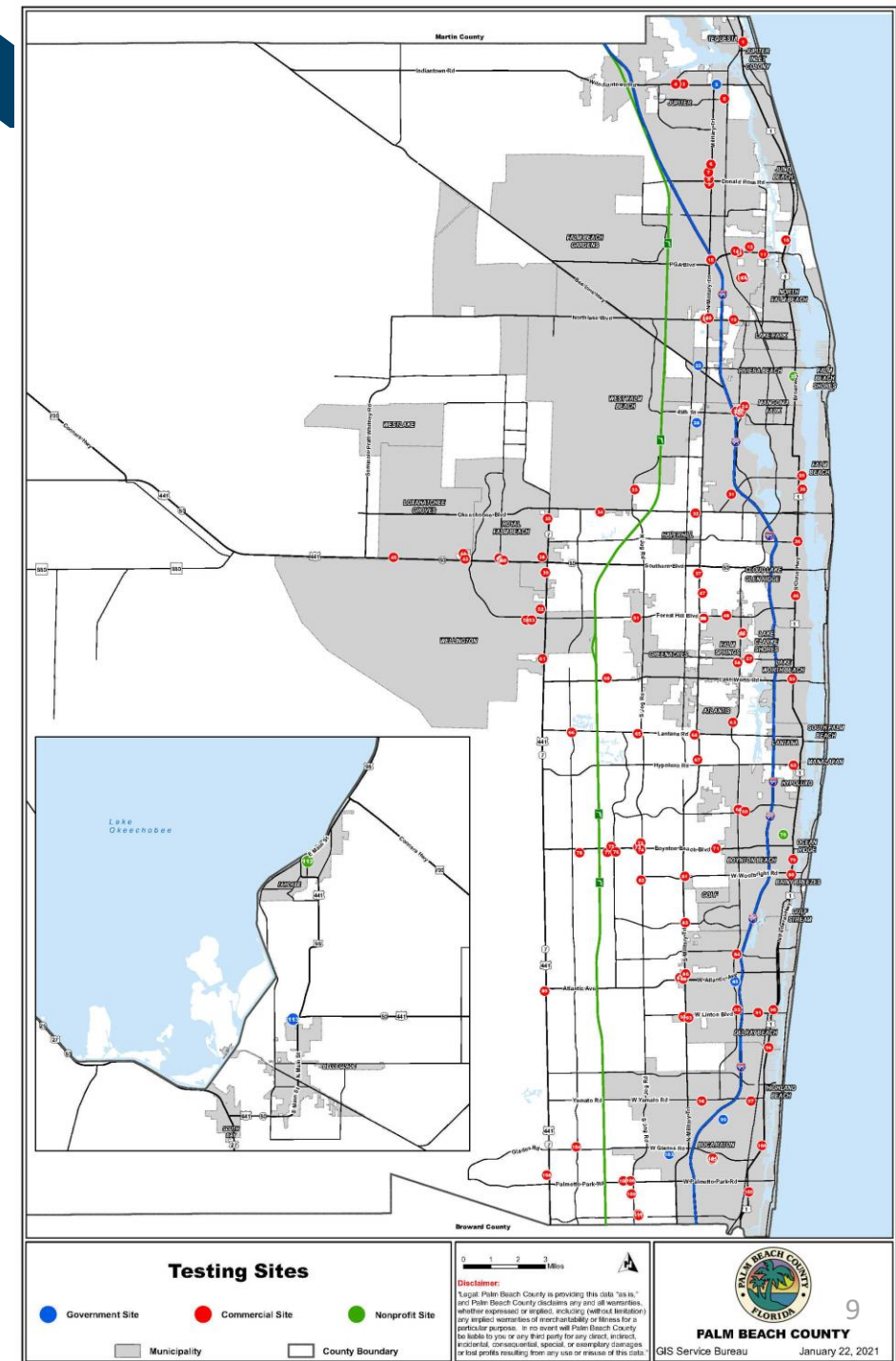
ED visits with CLI

April 26, 2020 – April 3, 2021



COVID-19 testing sites

- 823,417 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

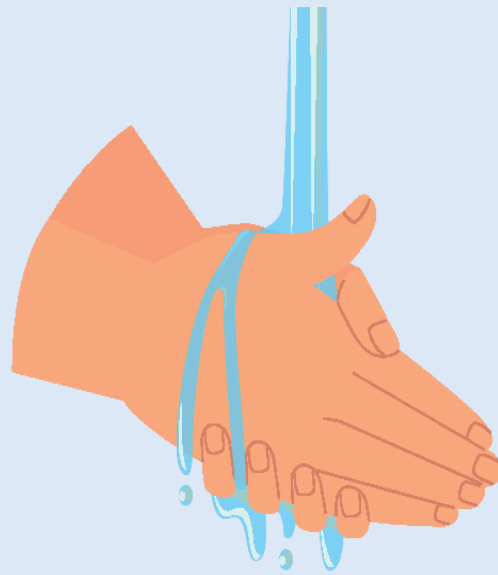


3 W's to reduce risk of COVID-19

Wear a mask



Wash your hands



Watch your distance

