

Department of Health

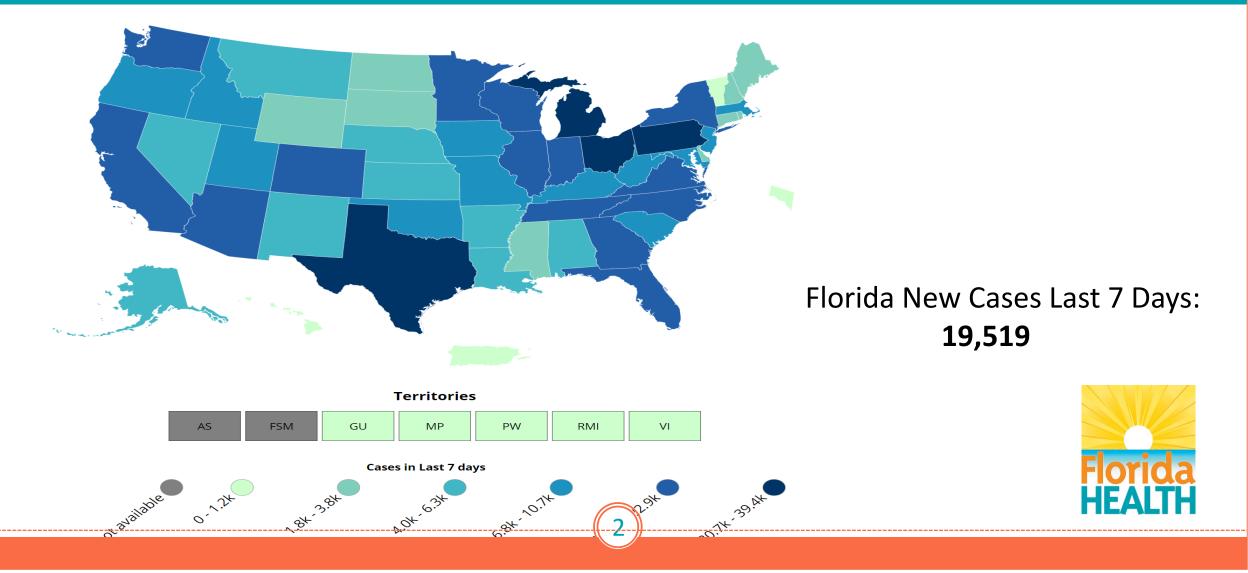
COVID UPDATE PBC BCC

Flori

HEALTH

ALINA M. ALONSO, M.D. DIRECTOR DOH-PALM BEACH OCTOBER 19, 2021

US COVID-19 Cases in the Last 7 Days, by State/Territory Data as of 10/15/21



US Vaccinations at least one dose

Data as of 10/15/21

66.7%

Percent of US Population

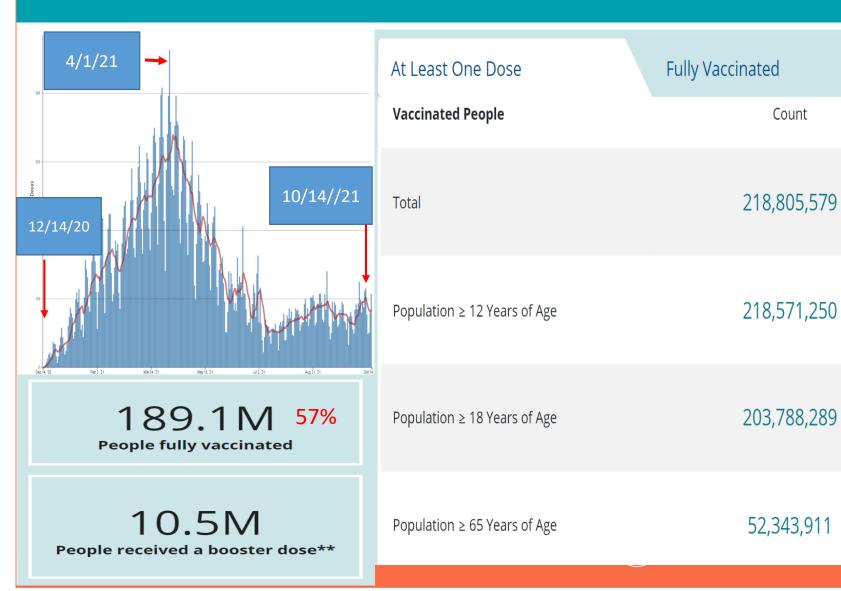
65.9%

77.1%

78.9%

95.7%

Booster Dose



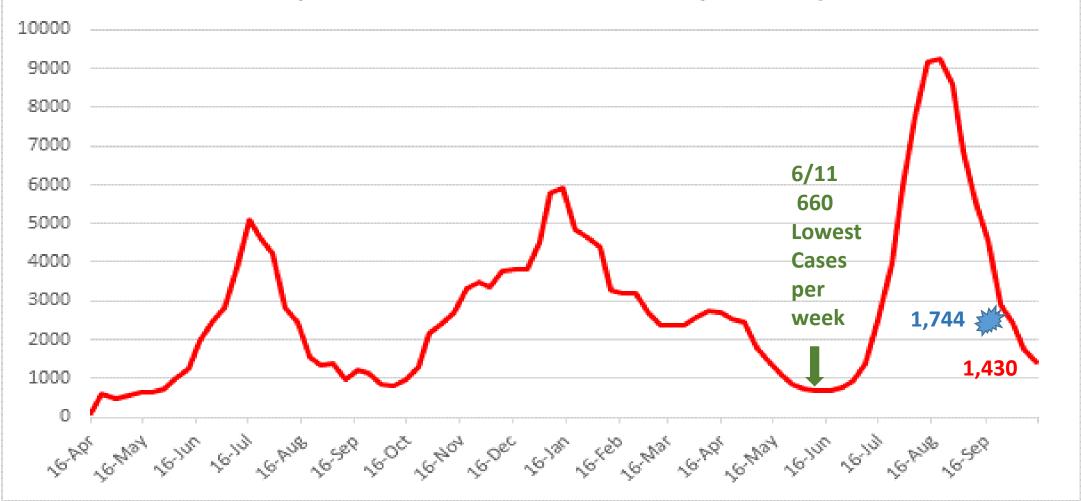
	0%	10%	20%	30%	40%	50%	%00G	70%	30%	%0E	%0C
7/10/21						B.1.	617.2				
7/17/21						B.1.61	.7.2				
7/24/21						B.1.617	.2				
7/31/21						B.1.617.	2				
8/7/21						B.1.617.2	2				
8/14/21						B.1.617.	2				
8/21/21						B.1.617.2) -				
8/28/21						B.1.617.2					
4						B.1.617.2)				
9/11/21						B.1.617.2) -				
9/18/21						B.1.617.2)				
9/25/21						B.1.617.2	2				
10/2/21						B.1.617.2	2				
10/9/21						B.1.617.2	2				
	HEAITH							Up 0.8%	of all	99.9%	

PBC Variant Bi-weekly Percentages Data as of 10/09/21

PBC New Cases Per Week

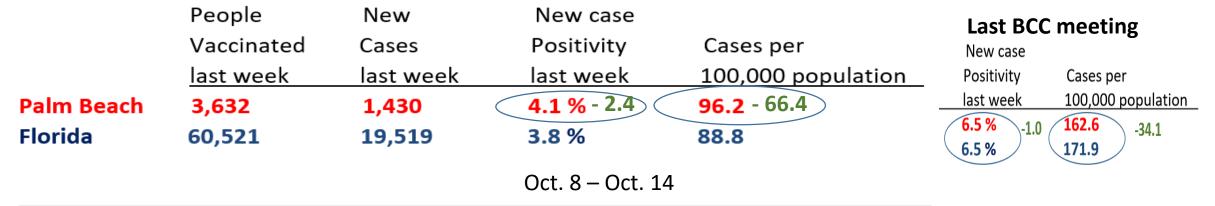
Oct. 8 – Oct. 14

New Cases per Week - Palm Beach County Since April 2020



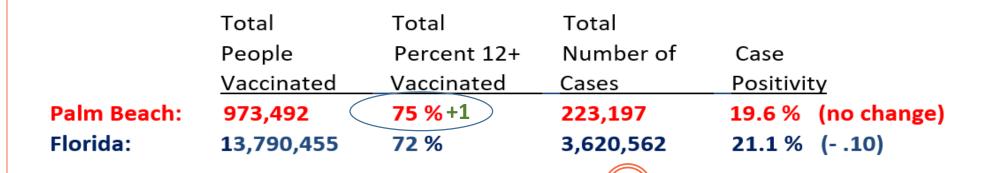
FL vs PBC Weekly Update

Data from week of : Oct. 8 – Oct 14



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Cumulative Data since March 1, 2020:



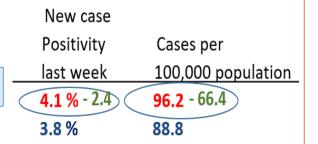


Determining Community Transmission Risk

https://covid.cdc.gov/covid-data-tracker/#county-view

Determining Transmission Risk

If the two indicators suggest different transmission levels, the higher level is selected

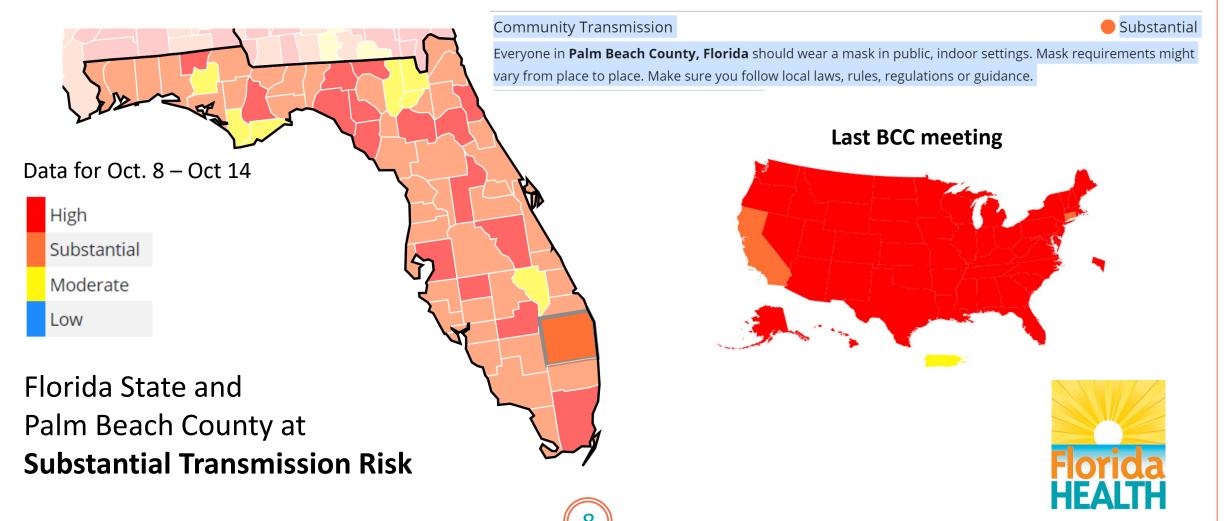


	Low	Moderate	Substantial	High
New cases per 100,000 persons in the past 7 days*	<10	10-49.99	50-99.99	≥100
Percentage of positive NAATs tests during the past 7 days**	<5%	5-7.99%	8-9.99%	≥10.0%

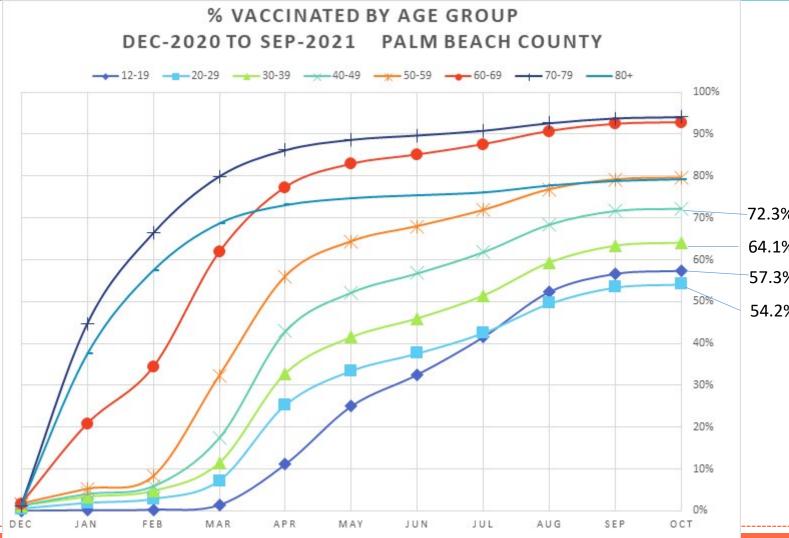


**NAAT = Nucleic Acid Amplification Tests or PCR Tests vs Rapid Antigen Tests

Florida COVID Community Transmission Risk by County



PBC % Population > 12 years of age with Completed Series



	Percent vaccinated for PBC Ages 12+	10/14/21
	1st Dose:	9.6%
% %	2 Dose (Series Completed):	65.4%
% %	Total Vaccinate4d:	75.0%
	Broward: 82% Dade: 92%	Florida

Monoclonal Therapy

Site	County	Date Opened	12-Oct	13-Oct	14-Oct	To-date
Jacksonville Public Library	Duval	8/12/2021	53	34	74	9,889
Camping World Stadium	Orange	8/16/2021	77	40	60	8,159
Kiwanis Island Park	Brevard	8/17/2021	28	32	11	7,261
C.B. Smith Park	Broward	8/18/2021	60	54	67	9,282
Kings Forest Park	Hillsborough	8/19/2021	55	41	39	8,243
West Gate Park & Recreation Center	Palm Beach	8/19/2021	47	33	37	6,533

Florida Total for 25 sites = 139, 385

Count in Palm Beach have been <50 cases treated per day since 10/11 25 sites across Florida

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Boosters and Third Doses



https://www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html#HighRisk

Boosters:

COVID-19 Vaccine **booster shots** are available for the following Pfizer vaccine recipients who completed their initial series at least **6 months ago** and are:

- 65 years and older
- Age 18+ who live in <u>long-term care</u> <u>settings</u>
- Age 18+ who have <u>underlying medical</u> <u>conditions</u>
- Age 18+ who work in <u>high-risk settings</u>
- Age 18+ who live in <u>high-risk settings</u>

vaccines.gov

FDA approval given for Moderna boosters Third Doses:

People with **moderately to severely compromised immune systems** are especially vulnerable to COVID-19 and may not build the same level of **immunity** to 2-dose vaccine series compared to people who are not immunocompromised.

- Should receive third dose of Pfizer or Moderna vaccine
- at least 28 days after a second dose
- moderately to severely compromised immune systems
 - Organ transplant
 - HIV/AIDS
 - Actively on Chemotherapy
 - Taking immunosuppressant medications Moderna boosters will be ½ dose of original vaccine. Different from Pfizer.

Mitigation strategies to stop the spread of COVID

- The highly transmissible B.1.617.2 (Delta) variant continues to be the predominate variant across the United States continuing to be very contagious and causing breakthrough cases.
- Vaccinations remain the most important tool to stop the spread and save lives.
- Hospitalizations are decreased with COVID cases being discharged eqqualto those being admitted as of 10/17. Unvaccinated patients predominate admissions at 77%, only one child admitted to hospital and 101 adults, and none had to go to the ICU.
- We need to be prepared for the winter spike. Don't Let our guard down. We need to get to moderate in order to ride the winter.
- Please, get vaccinated.







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	September 14, 2021	September 21, 2021	September 28, 2021	October 5, 2021	October 12, 2021	October 19, 2021
1	Overall percentage of tests with positive COVID-19 results (overall positivity	Sustained reduction trend in the overall COVID-19 positivity rate	Positive (increase) trend in COVID-19 positivity rate	19.40% positivity rate	19.60% positivity rate	19.60% positivity rate	19.60% positivity rate	19.60% positivity rate	19.60% positivity rate
	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	11.60 % (avg.‡) daily lab COVID- 19 positivity rate	10.00 % (avg.‡) daily lab COVID- 19 positivity rate	7.50 % (avg.‡) daily lab COVID- 19 positivity rate	6.50 % (avg.‡) daily lab COVID-19 positivity rate	5.00 % (avg.‡) daily lab COVID- 19 positivity rate	4.10 % (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	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available
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	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available
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	4,461 deaths; 2.12% death rate	4,658 deaths; 2.16% death rate	4,841 deaths; 2.22% death rate	4,936 deaths; 2.24% death rate	5,011 deaths; 2.25% death rate	5,092 deaths; 2.28% 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	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available



Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or indicator	Desired outcome or trend	Trigger/indicator of resurgence	September 14, 2021	September 21, 2021	September 28, 2021	October 5, 2021	October 12, 2021	October 19, 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	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available
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	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available
	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	15.57 (avg.‡) Med Alert patients/day	9.50 (avg.‡) Med Alert patients/day	8.14 (avg.‡) Med Alert patients/day	3.71 (avg.‡) Med Alert patients/day	6.29 (avg.‡) Med Alert patients/day	2.86 (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	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available	Data no longer available



Covid-19 Phased Restart (CPR) Program

Resurgence indicators

#	Benchmark or	Desired outcome or	Trigger/indicator of	September 14,	September 21,	September 28,	October 5,	October 12,	October 19,
#	indicator	trend	resurgence	2021	2021	2021	2021	2021	2021
	Access to COVID-19	Easy access to	Marked reported or	Data no longer	Data no longer	Data no longer	Data no longer	Data no longer	Data no longer
	testing	various types of	observed increase in	available	available	available	available	available	available
5		COVID-19 testing	challenges to access						
			to various types of						
			COVID-19 testing						
	Ability to monitor	Capacity to	Marked reported or	DoH-PBC Epi	DoH-PBC Epi	DoH-PBC Epi	DoH-PBC Epi	DoH-PBC Epi	DoH-PBC Epi
	confirmed cases and	adequately monitor	observed increase in	staff remained	staff remained	staff remained	staff remained	staff remained	staff remained
6	contacts	cases and contacts	challenges to	the same at	the same at	the same at	the same at	the same at	the same at
0			contact tracing	149; contact	182; contact	182; contact	202; contact	202; contact	196; contact
				tracing meets	tracing meets	tracing meets	tracing meets	tracing meets	tracing meets
				target⁵	target ⁶	target⁵	target ⁶	target⁵	target ⁵
	Level of compliance	High level of	Not applicable.	Data no longer	Data no longer	Data no longer	Data no longer	Data no longer	Data no longer
-	with Phase 1 related	compliance		available	available	available	available	available	available
/	executive orders	with Phase 1 related							
		executive orders							

benchmark or indicator as identified in the PBC EOC's COVID-19 Phased Restart (CPR) Program

‡ prior 7-day average

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

⁶contact tracing has been below the ≥90% target of positive cases contacted and interviewed within 48 hours of notification of test results but, the number of staff increased

= benchmark desired outcome or trend met

= benchmark desired outcome or trend \underline{not} met

10/19/2021 previous versions are obsolete





COVID-19 UPDATE

Board of County Commissioners October 19, 2021

Mary Blakeney, Director Division of Emergency Management Public Safety Department



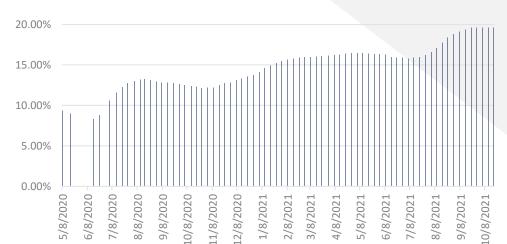
COVID-19 total tested positivity

August 17 - October 19, 2021

Overall positivity rate 20.00% 19.50% 19.00% 18.50% 18.00% 17.50% 17.00% 16.50% 9/2/2021 9/8/2021 9/10/2021 9/16/2021 9/24/2021 9/30/2021 10/8/2021 8/27/2021 9/4/2021 9/6/2021 10/14/2021 8/17/2021 8/19/2021 9/12/2021 9/18/2021 9/22/2021 9/26/2021 9/28/2021 10/2/2021 10/6/2021 10/10/2021 10/12/2021 10/16/2021 10/18/2021 8/21/2021 8/23/2021 8/25/2021 8/29/2021 8/31/2021 9/14/2021 9/20/2021 10/4/2021

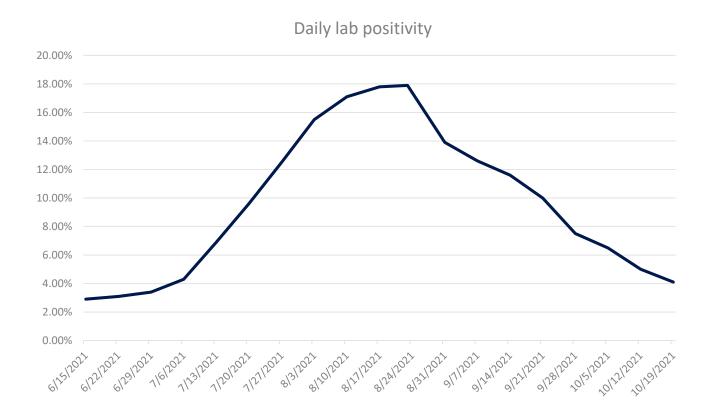
Overall positivity rate May 2020 - present

25.00%

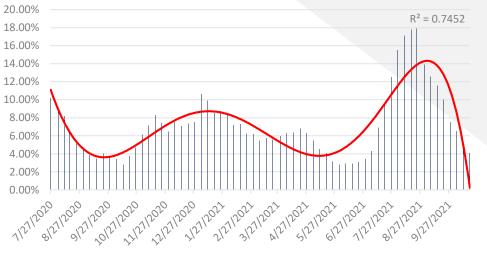


COVID-19 daily lab positivity

June 15 - October 19, 2021



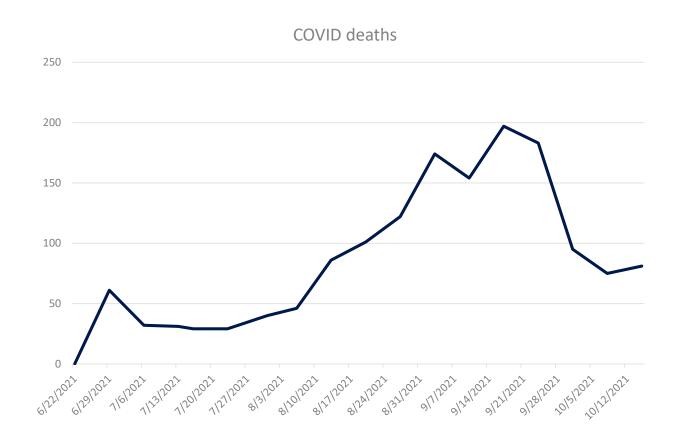
Daily lab positivity



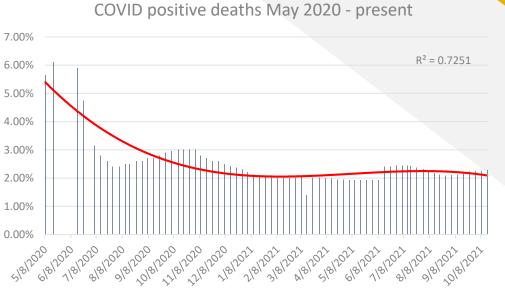
ORID

COVID-19 deaths

June 22 - October 19, 2021







COVID positive deaths May 2020 - present

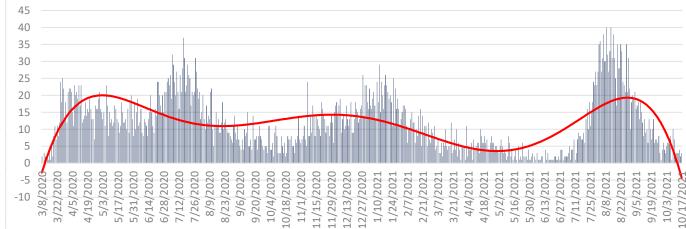
Daily Med Alerts

September 17 - October 17, 2021

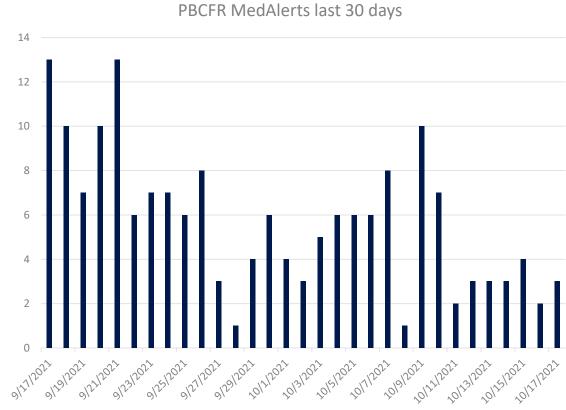


 $R^2 = 0.3632$

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



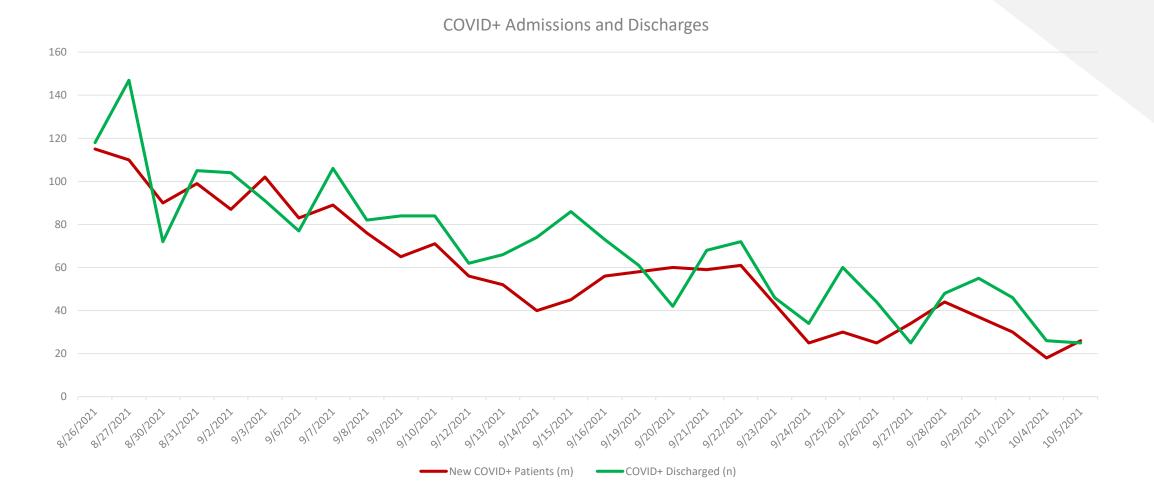




Hospital COVID+ Admissions vs Discharges



August 26 - October 18, 2021

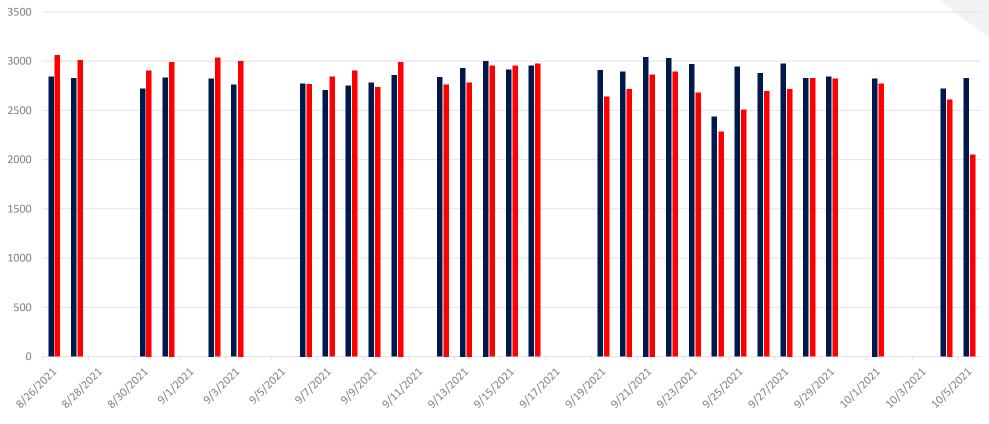




Hospital Staffed Beds vs Bed Census

August 26 - October 18, 2021

Total Staffed Beds vs. Bed Census

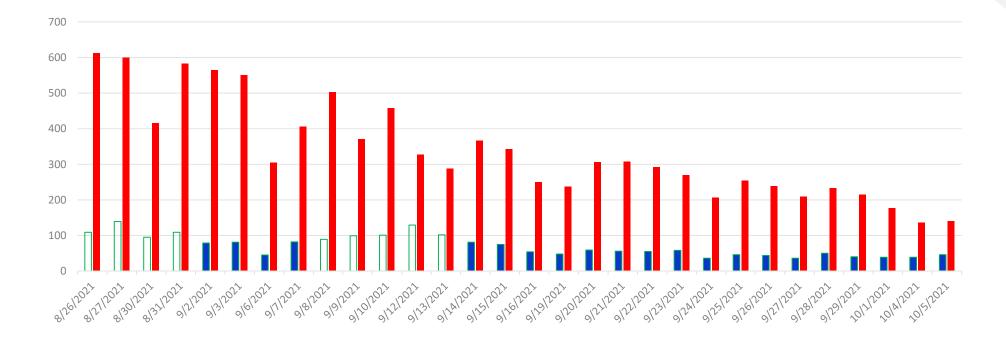


■ Total Staffed Beds (a) ■ Total Bed Census (f)

Hospital COVID+ Admissions of Vaccinated vs Unvaccinated

August 26 - October 18, 2021

Admissions Vaccinated and Unvaccinated

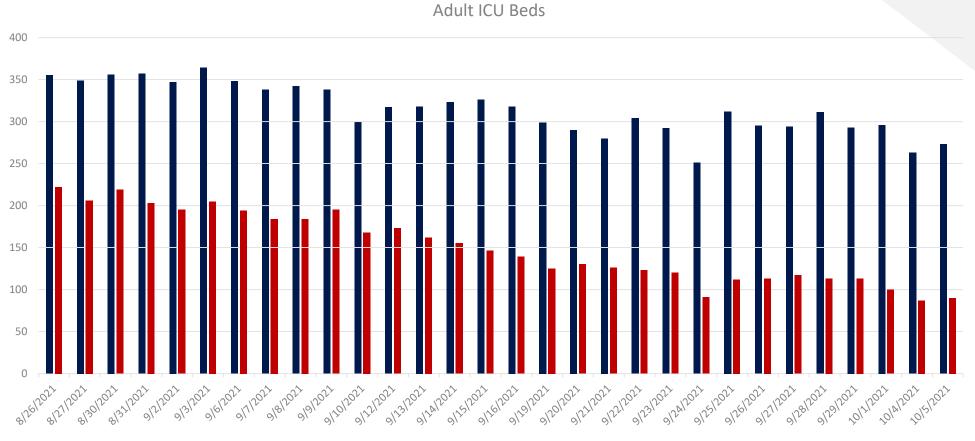






Hospital Adult ICU Usage

August 26 - October 18, 2021

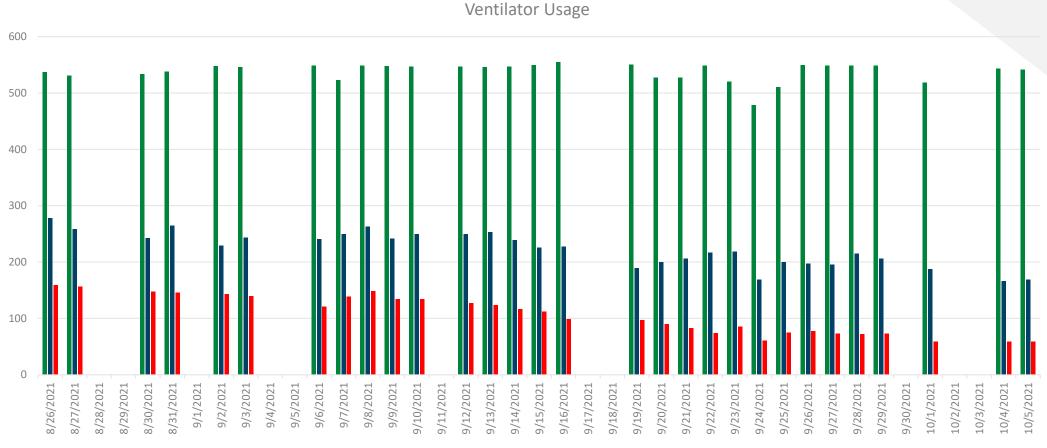


Adult ICU Bed Census (h i) Adult COVID+ in ICU (k i)



Hospital Ventilator Usage

August 26 - October 18, 2021



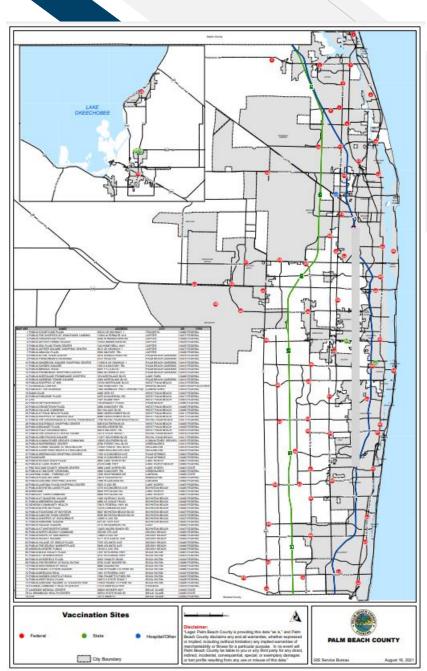
COVID-19 testing and vaccination sites

www.pbcgov.org











3 W'S to reduce risk of COVID-19

