

# **Department of Health**

# COVID UPDATE PBC BCC

Flori

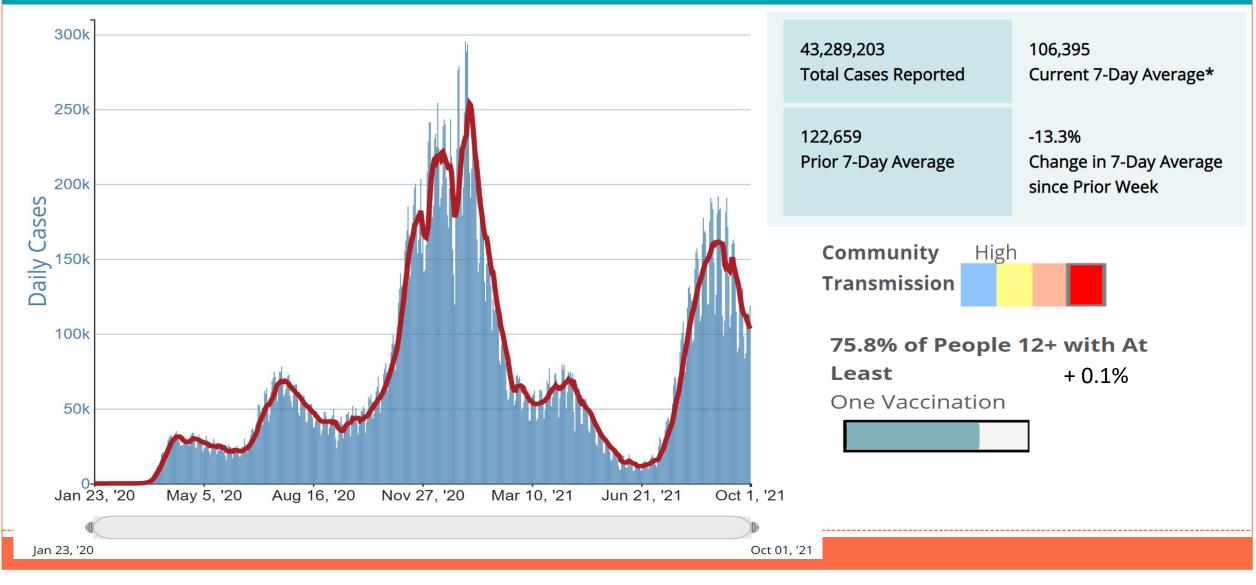
HEALTH

ALINA M. ALONSO, M.D. DIRECTOR DOH-PALM BEACH OCTOBER 5, 2021

# **US COVID-19 Cases**

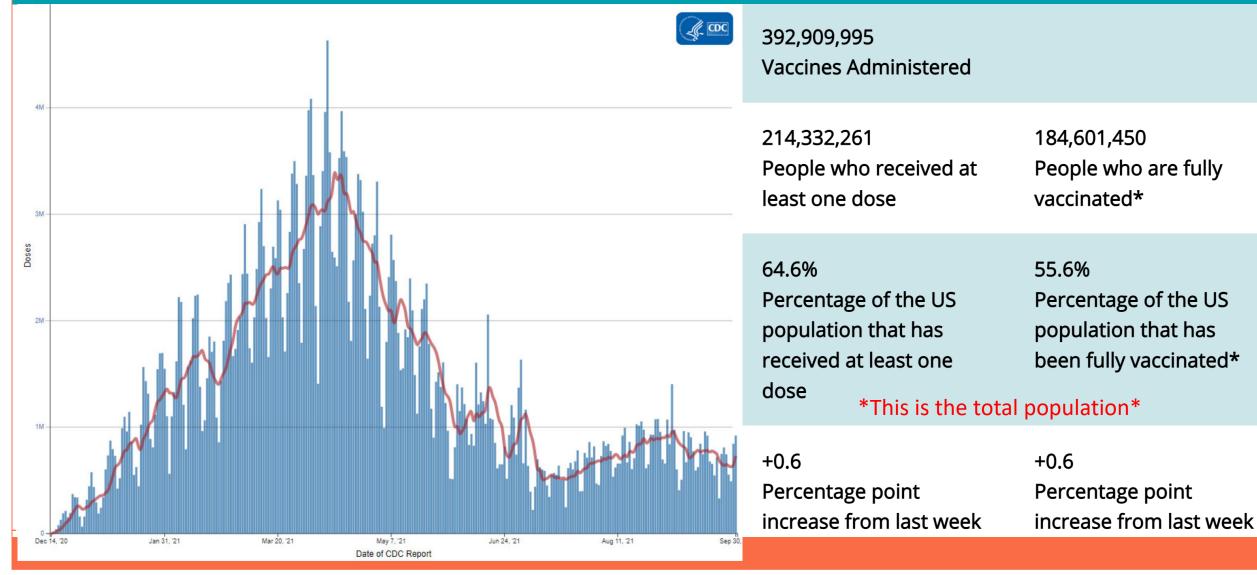
Data Source: https://covid.cdc.gov/covid-data-tracker/#cases\_totalcases

Data as of 09/29/21



# **US Vaccinations**

Data as of 09/29/21



# **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>

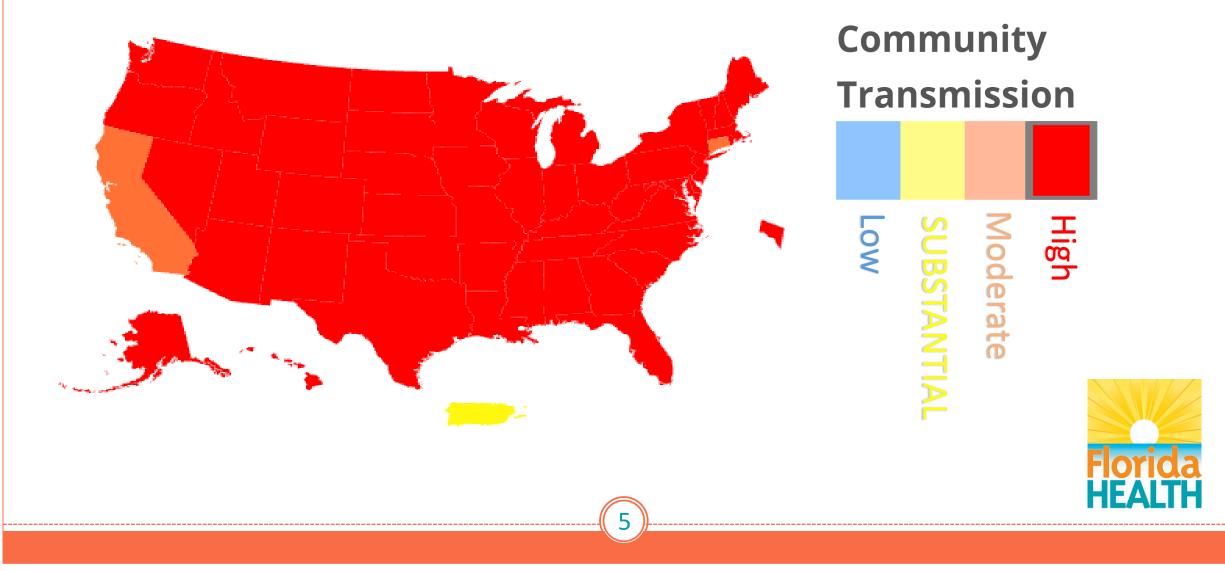
## Third Doses:

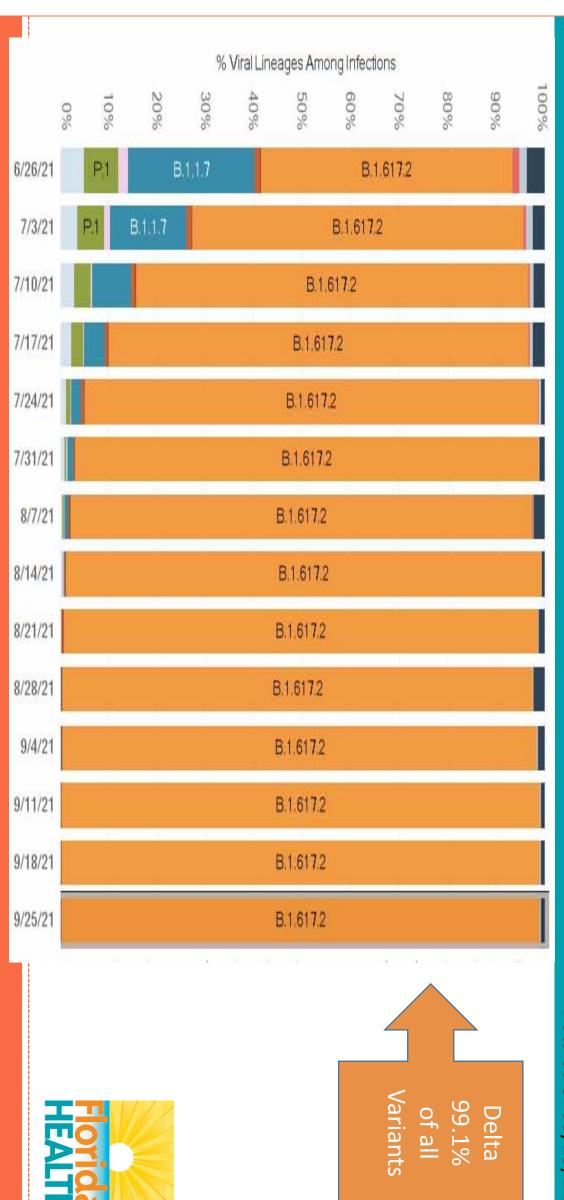
People with **moderately to severely compromised immune systems** are especially vulnerable to COVID-19 and may not build the same level of immunity to 2-dose vaccine series compared to people who are not immunocompromised.

- 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

# **Us COVID Community Transmission** by States

Data as of 09/29/21



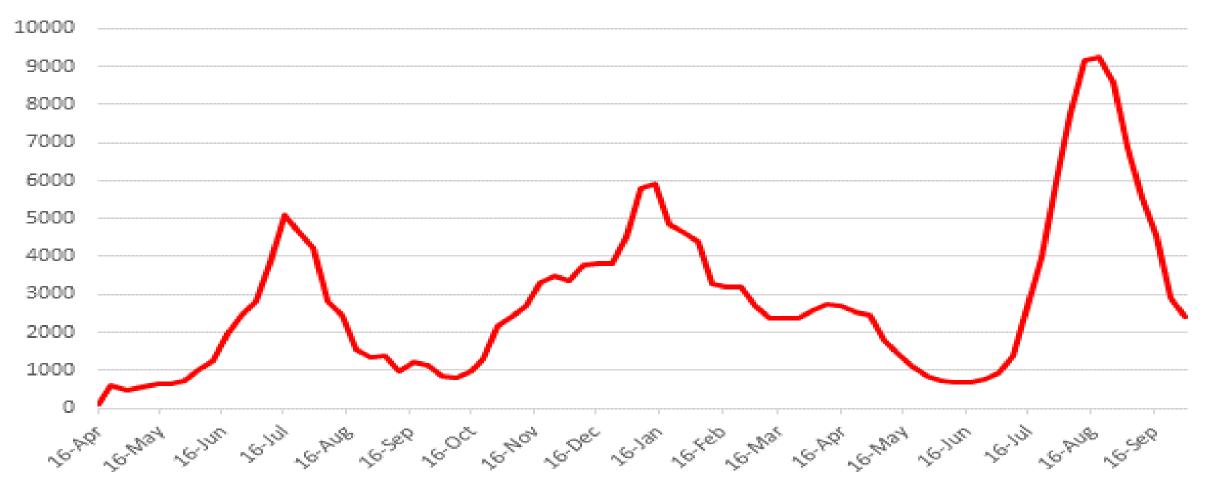


**PBC Variant Bi-weekly Percentages** Data as of 09/29/21

# **PBC New Cases Per Week**

Sept. 24 – Sept. 30

New Cases per Week - Palm Beach County Since April 2020



# FL vs PBC Weekly Update

#### Data from week of : Sept. 24 – Sept. 30

	People	New	New case	
	Vaccinated	Cases	Positivity	Cases per
	last week	last week	last week	100,000 population
Palm Beach	4,699	2,416	6.5 % -1.0	<b>162.6</b> -34.1
Florida	67,928	37,772	6.5 %	171.9

#### Cumulative Data since March 1, 2020:

	Total	Total	Total	
	People	Percent 12+	Number of	Case
	Vaccinated	Vaccinated	Cases	<u>Positivity</u>
Palm Beach:	963,627	<b>74 %</b>	220,108	19.6 % (no change)
Florida:	13,621,506	71 %	3,576,571	21.3 % (no change)



## Determining Community Transmission Risk

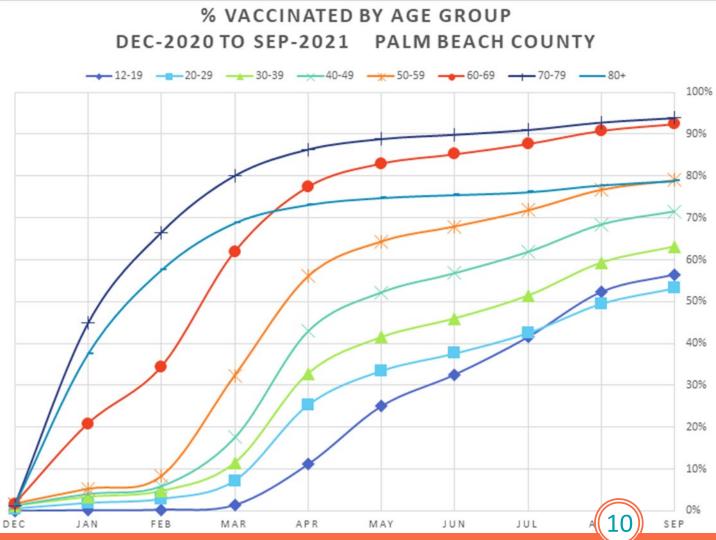
https://covid.cdc.gov/covid-data-tracker/#county-view

## **Determining Transmission Risk**

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

<b>Low</b> <10	<b>Moderate</b> 10-49.99	<b>Substantial</b> 50-99.99	<b>High</b> ≥100	New case           Positivity         Cases per           last week         100,000 population           6.5 %         -1.0         162.6           6.5 %         -171.9         -34.1
<5%	5-7.99%	8-9.99%	≥10.0%	<b>Florida</b> <b>HEALTH</b>
(	<10 <5%	<10 10-49.99 <5% 5-7.99%	<10 10-49.99 50-99.99	<10 10-49.99 50-99.99 ≥100 <5% 5-7.99% 8-9.99% ≥10.0%

## PBC % Population > 12 years of age with Completed Series



Percent vaccinated for PBC Ages 12+	09/30/21
1st Dose:	10%
2 Dose (Series Completed):	64%
Total Vaccinated:	74% +2%
Broward: <b>84%</b> Dade: <b>91%</b>	

# **Monoclonal Therapy**

Site	County	Address	Date Opened	28-Sep	29-Sep	To-date
		304 N Main Str				
Jacksonville Public Library	Duval	Jacksonville	8/12/2021	76	88	8,920
		1 Citrus Bowl Plc				
Camping World Stadium	Orange	Orlando	8/16/2021	88	106	7,175
		951 Kiwanis Island Park Rd				
Kiwanis Island Park	Brevard	Merritt Island	8/17/2021	58	67	6,763
		900 N Flamingo Rd				
C.B. Smith Park	Broward	Pembroke Pines	8/18/2021	107	149	8,099
		8008 E Chelsea Str				
Kings Forest Park	Hillsborough	Tampa	8/19/2021	89	105	7,672
		3691 Oswego Ave				
West Gate Park & Recreation Center	Palm Beach	West Palm Beach	8/19/2021	47	70	5,813

Florida Total for 25 sites = 124,071

## 25 sites across Florida

11



# 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 more COVID cases being discharged than admitted as of 10/3. Unvaccinated patients predominate admissions at 84%, fewer children are being admitted at 3% of 197 admissions and 5% to the ICU.
- We need to be prepared in case of another surge with winter and the holidays approaching. Viruses from the southern hemisphere migrate north every winter.
- Please, get vaccinated to protect you, your family and your community of the set of th



# 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	Desired outcome or	Trigger/indicator of	August 31,	September 7,	September 14,	September 21,	September 28,	October 5, 2021
π	indicator	trend	resurgence	2021	2021	2021	2021	2021	0000001 3, 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	18.80% positivity rate	19.10% positivity rate	19.40% positivity rate	19.60% positivity rate	19.60% positivity rate	19.60% 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	13.90 % (avg.‡) daily lab COVID-19 positivity rate	12.60 % (avg.‡) daily lab COVID-19 positivity rate	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
	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	4,133 deaths; 2.09% death rate	4,307 deaths; 2.10% death rate	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
	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	August 31, 2021	September 7, 2021	September 14, 2021	September 21, 2021	September 28, 2021	October 5, 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	27.43 (avg.‡) Med Alert patients/day	20.14 (avg.‡) Med Alert patients/day	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
	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	August 31,	September 7,	September 14,	September 21,	September 28,	October 5, 2021
Π	indicator	trend	resurgence	2021	2021	2021	2021	2021	0000001 3, 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	149; contact	149; contact	182; contact	182; contact	202; contact
				tracing meets	tracing meets	tracing meets	tracing meets	tracing meets	tracing meets
				target	target	target	target <sup>6</sup>	target	target <sup>6</sup>
	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
7	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

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

<sup>6</sup>contact 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 <u>not</u> met

10/5/2021 previous versions are obsolete





## **COVID-19 UPDATE**

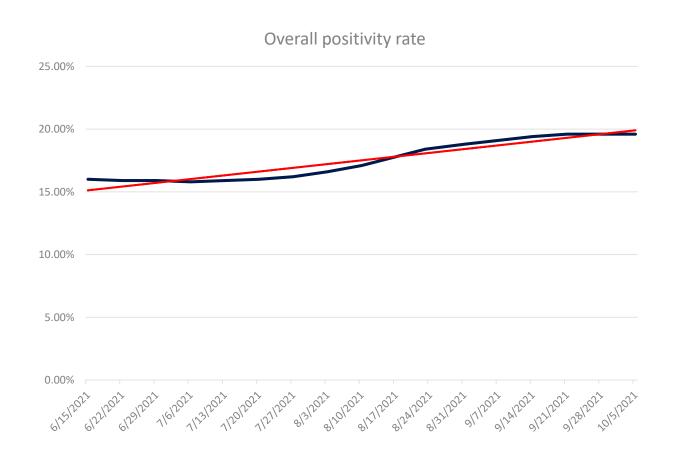
Board of County Commissioners October 5, 2021

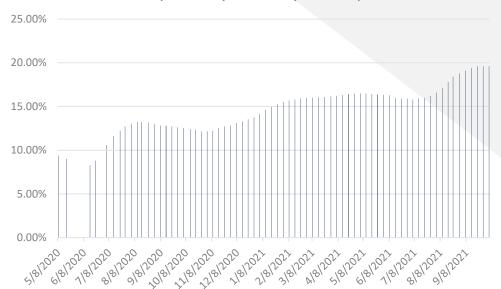
Mary Blakeney, Director Division of Emergency Management Public Safety Department



## **COVID-19 total tested positivity**

### June 15 - October 5, 2021

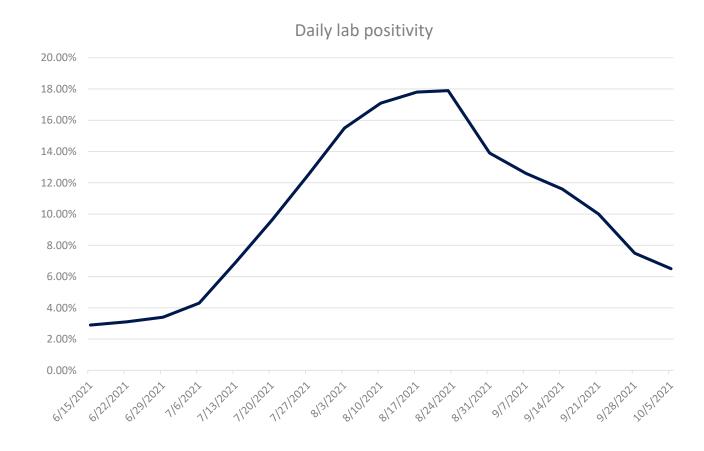




#### Overall positivity rate May 2020 - present

# **COVID-19 daily lab positivity**

### June 15 - October 5, 2021



20.00%  $R^2 = 0.8033$ 18.00% 16.00% 14.00% 12.00% 10.00% 8.00% 6.00% 4.00% 2.00% 0.00% 11/27/2020 21/27/2020 812712020 312112020 2012712020 112712021 712112020 612712022 712712022 812712022 912712021 21212222 3121222 A121222 5121222

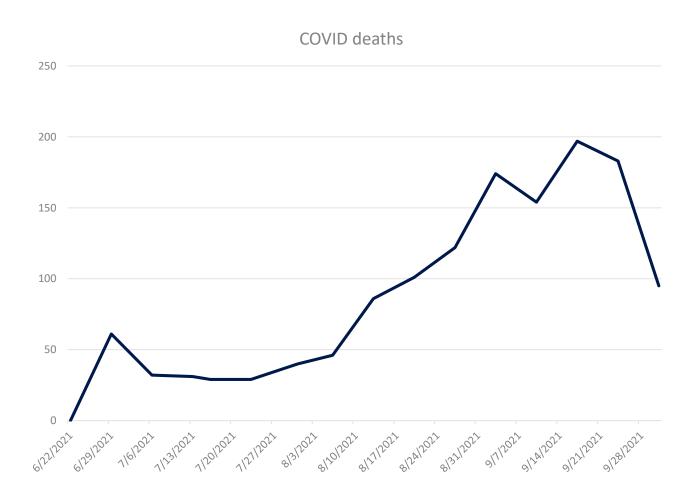
Daily lab positivity



ORIV

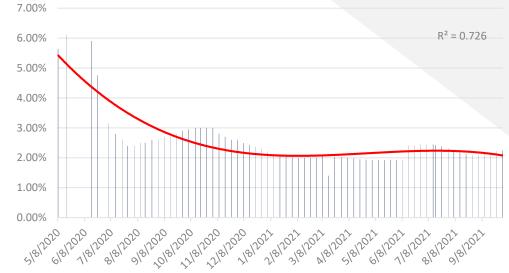
## **COVID-19 deaths**

#### June 22 - October 5, 2021



BEACH COUNTY

COVID positive deaths May 2020 - present

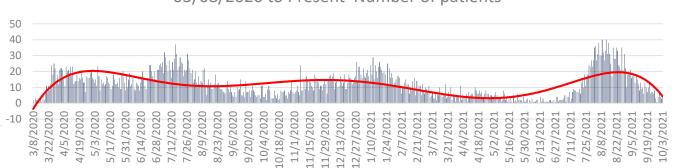


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# **Daily Med Alerts**

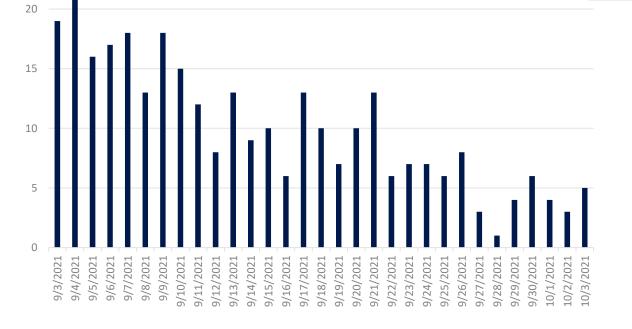
September 3 - October 3, 2021

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



PBCFR MedAlerts last 30 days

25





ORID

 $R^2 = 0.3613$ 

# Hospital COVID+ Admissions vs Discharges



August 26 - October 4, 2021

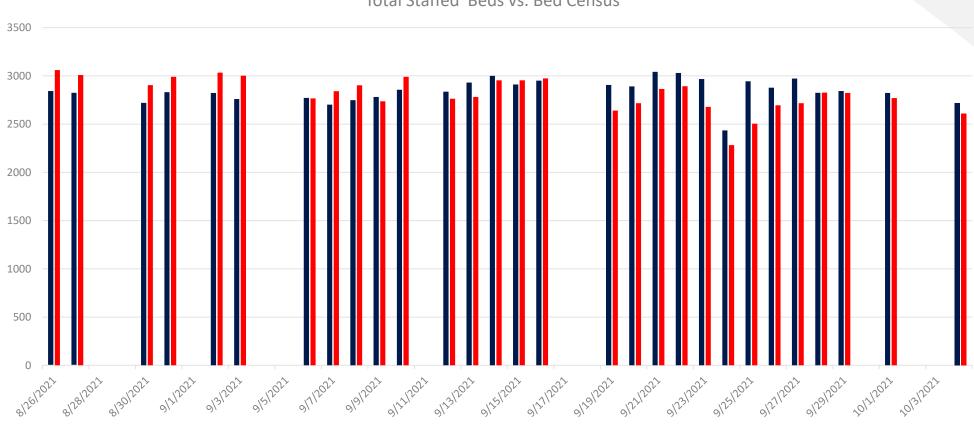


COVID+ Admissions and Discharges



## **Hospital Staffed Beds vs Bed Census**

August 26 - October 4, 2021



Total Staffed Beds (a)

Total Bed Census (f)

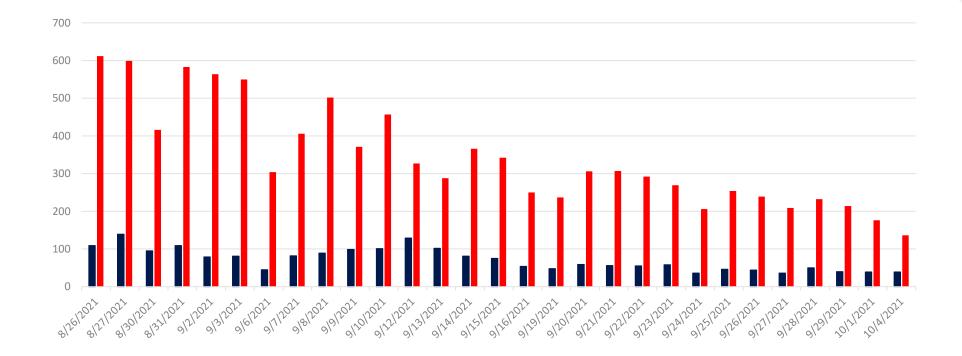
Total Staffed Beds vs. Bed Census

# Hospital COVID+ Admissions of Vaccinated vs Unvaccinated



#### August 26 - October 4, 2021

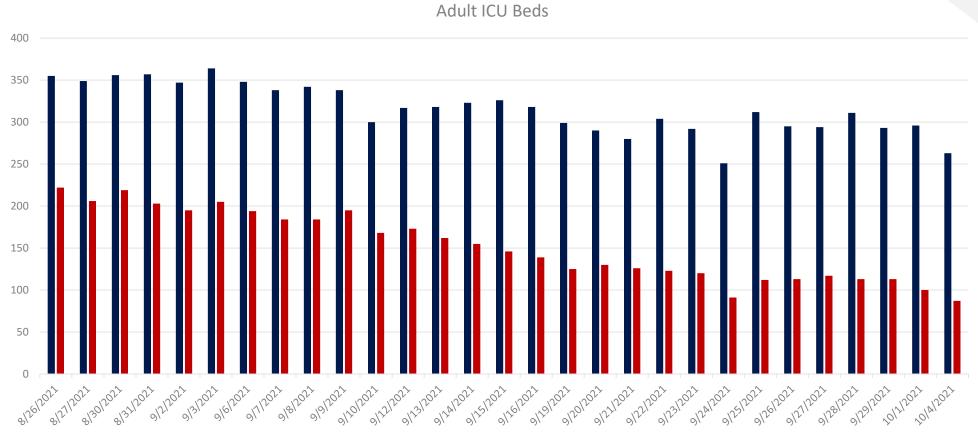
Admissions Vaccinated and Unvaccinated





# **Hospital Adult ICU Usage**

August 26 - October 4, 2021

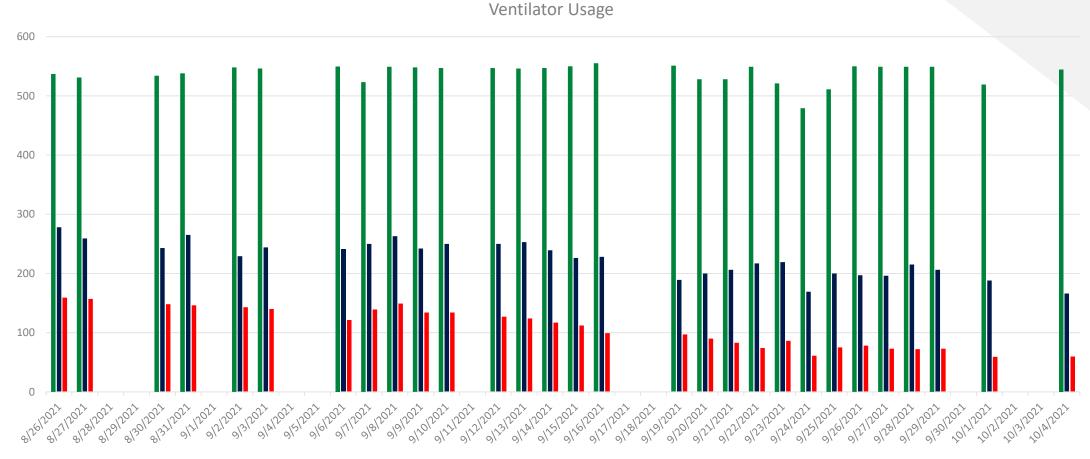


Adult ICU Bed Census (h i) Adult COVID+ in ICU (k i)



# **Hospital Ventilator Usage**

### August 26 - October 4, 2021



■ Total Vents Inventory (e) ■ Total Vents in Use (i) ■ COVID+ on Vents (I)

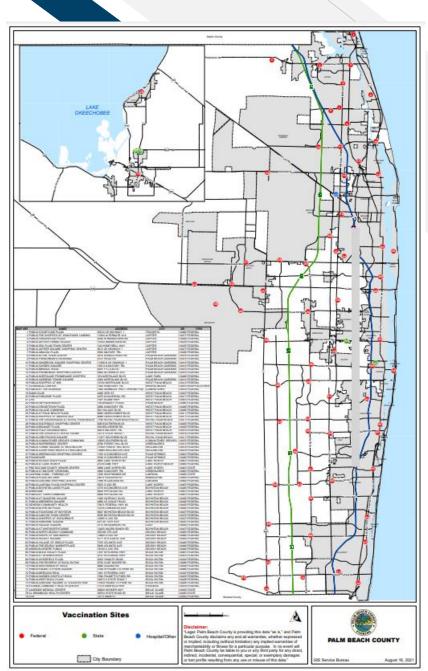
# **COVID-19 testing and vaccination sites**

www.pbcgov.org











# **3 W'S to reduce risk of COVID-19**

