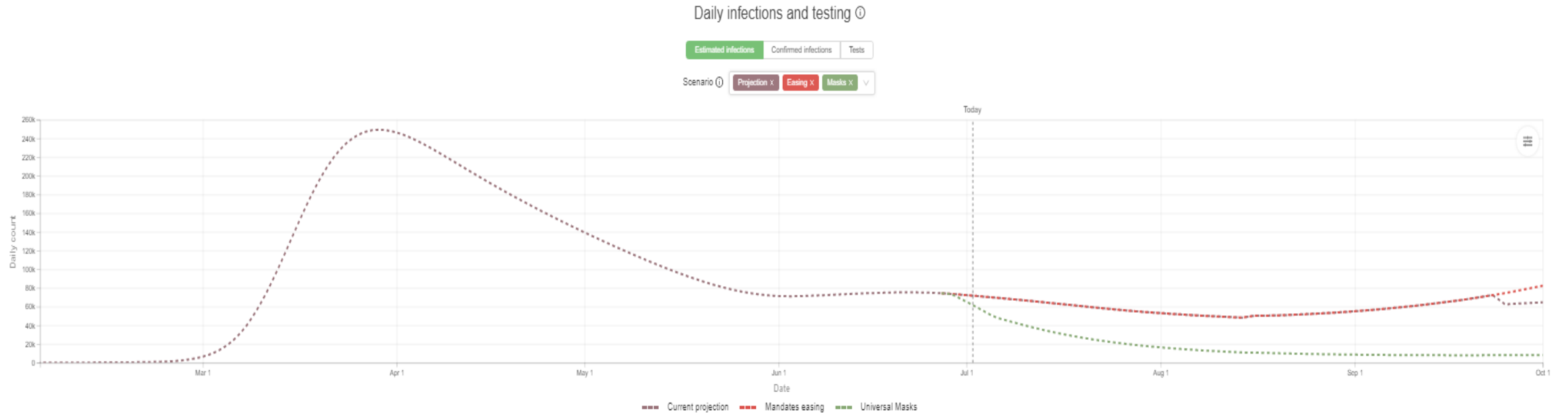


# Department of Health

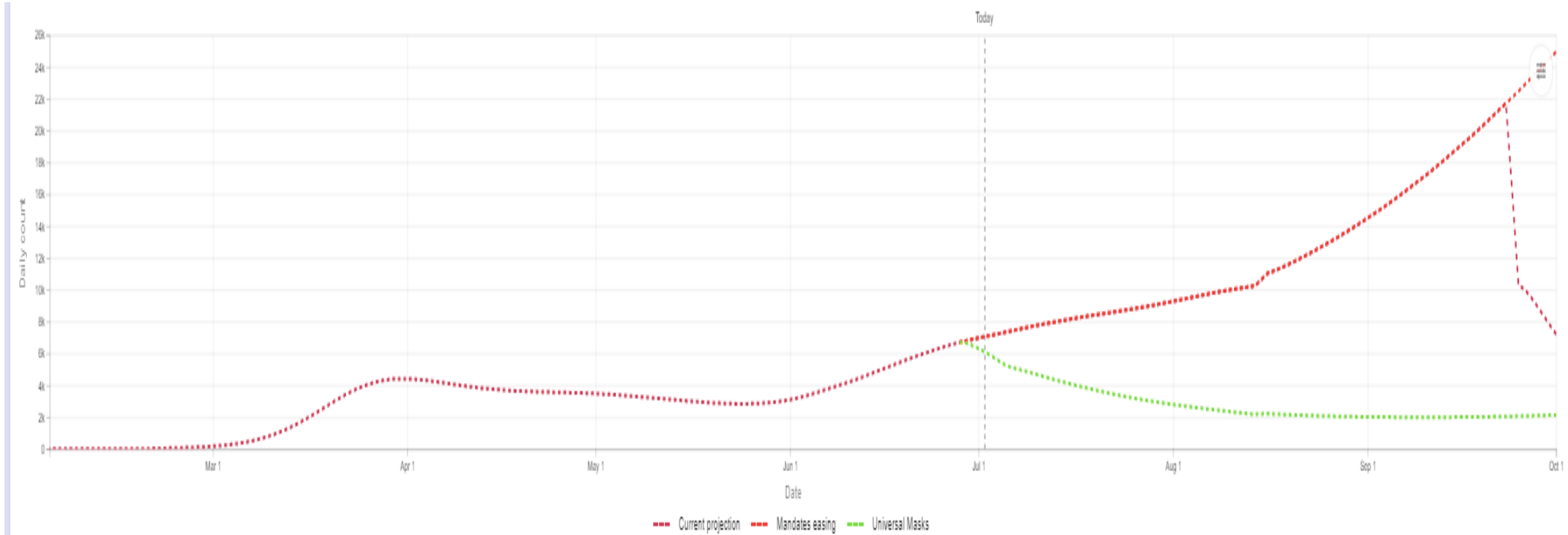
## **NOVEL CORONAVIRUS 2019 (COVID-19)**



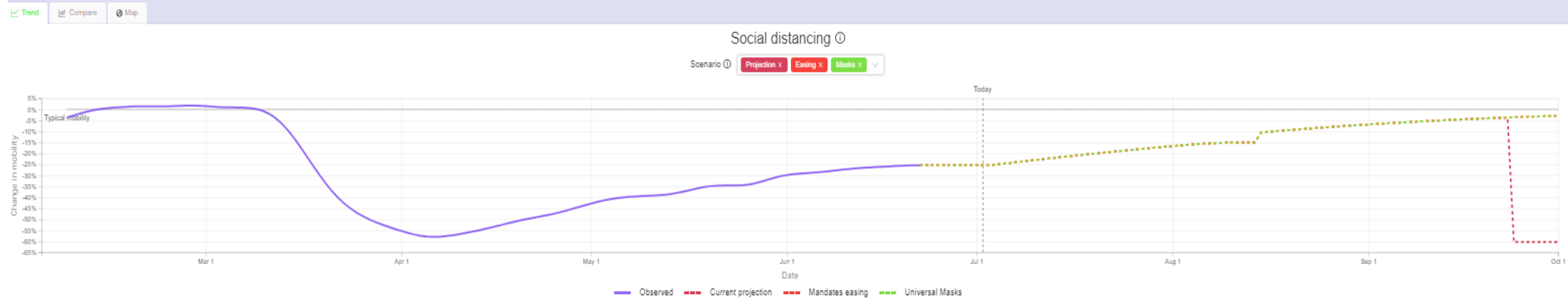
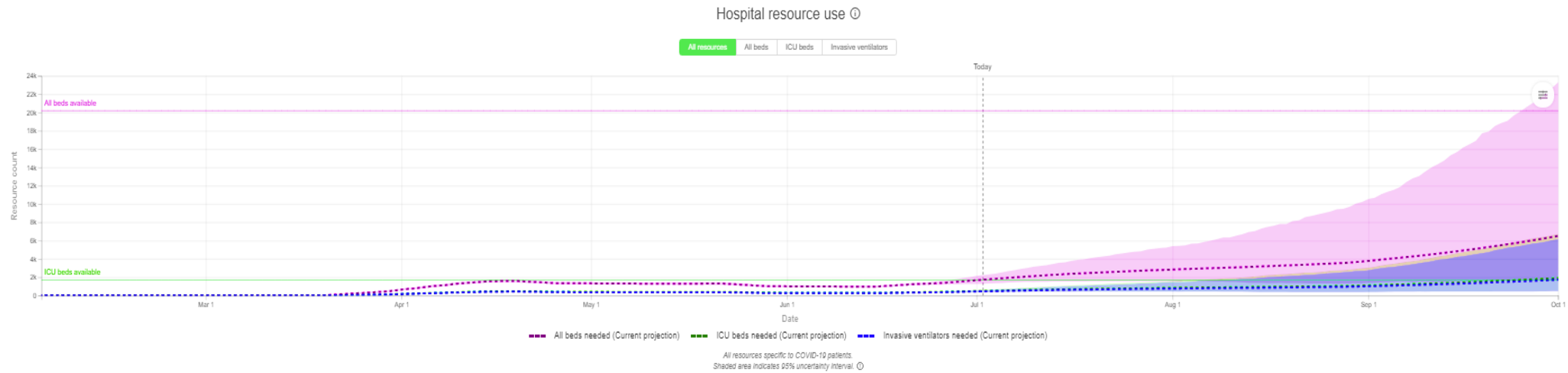
# US Trend



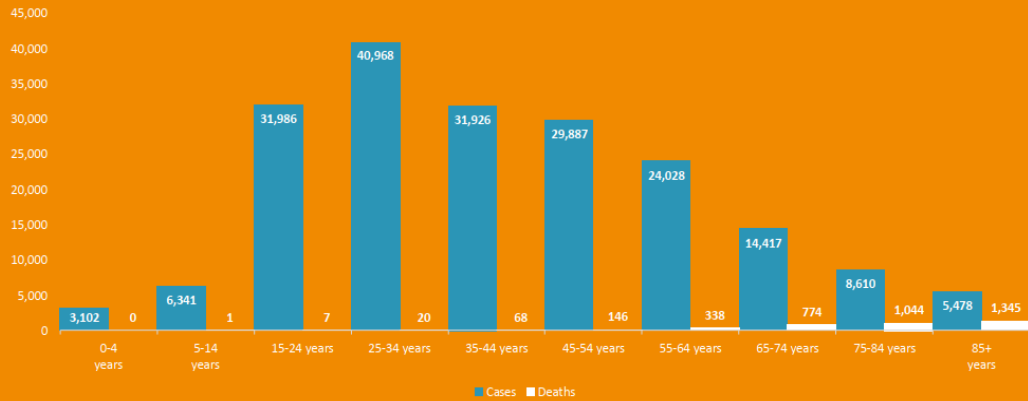
# FI Daily Infections and Testing



# Outbreak Model - Florida

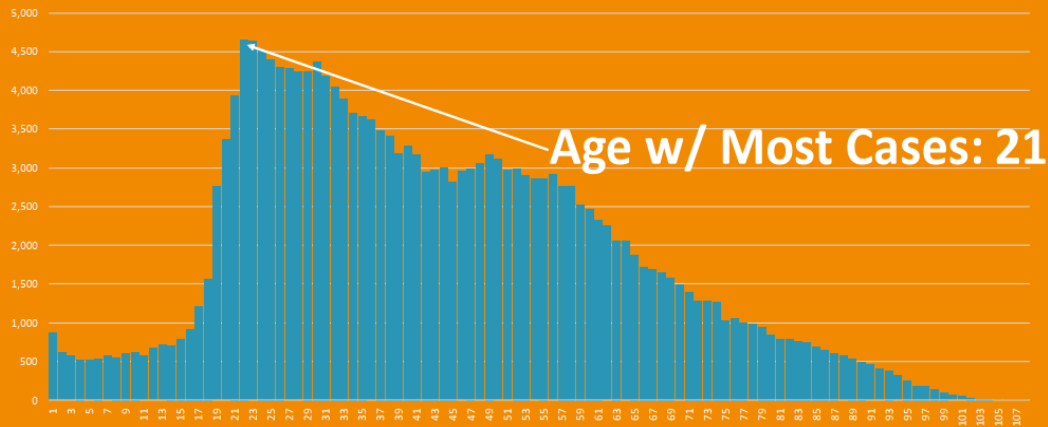


## CASES & FATALITIES PER AGE GROUP IN FL



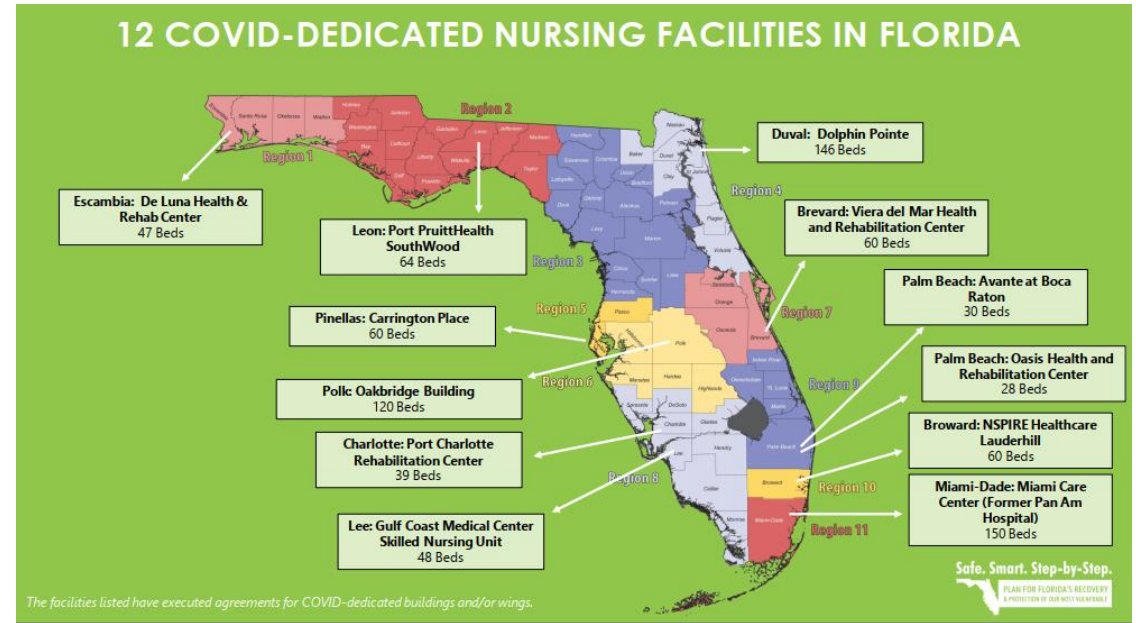
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## CASES BY AGE IN FL



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## 12 COVID-DEDICATED NURSING FACILITIES IN FLORIDA

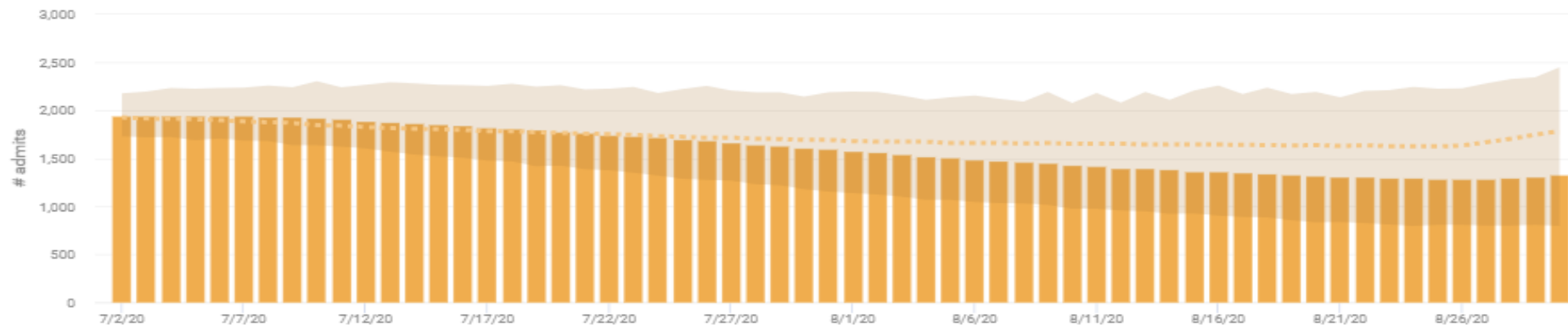


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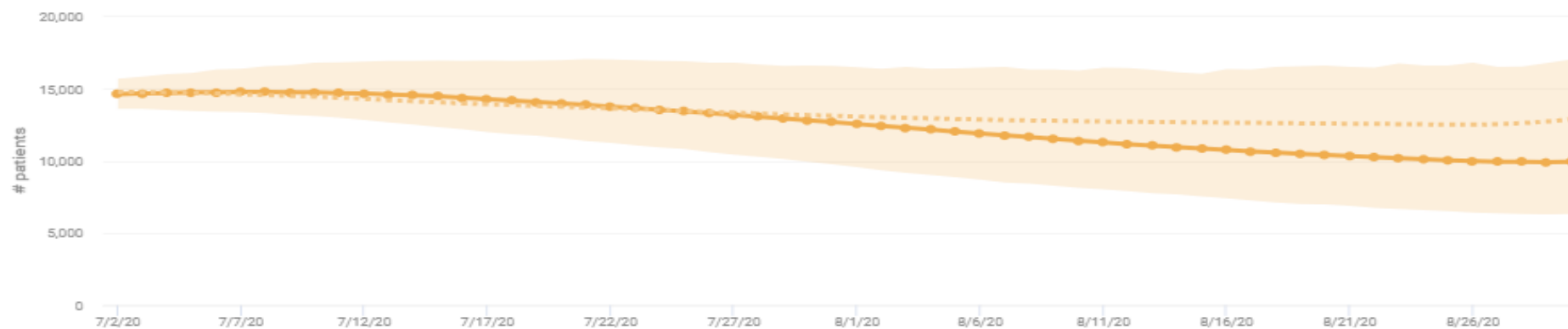


# Charlotte Model

Med/surg admissions



Med/surg census (941,520-bed capacity)



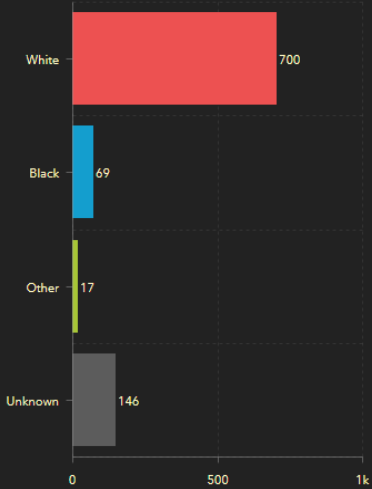
Admission and census numbers are for COVID-19 patients only.

Source: Hospital IQ



# Current Data

Cases by Race

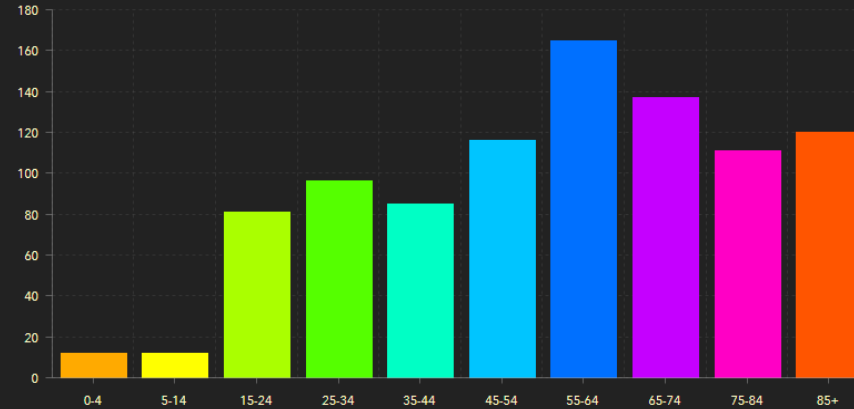


Cases by Gender

Male: 409  
 Female: 517

Median Age  
 Charlotte : 59  
 State : 39

Age Distribution of Cases



Use the drop-down menu above to select a county

Positive Residents

932

Hospitalizations

153

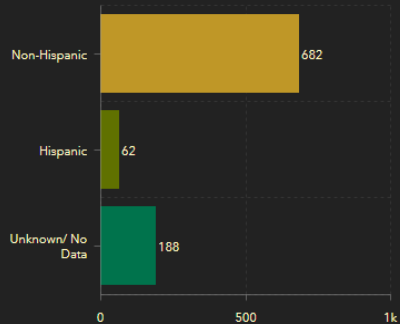
Deaths

77

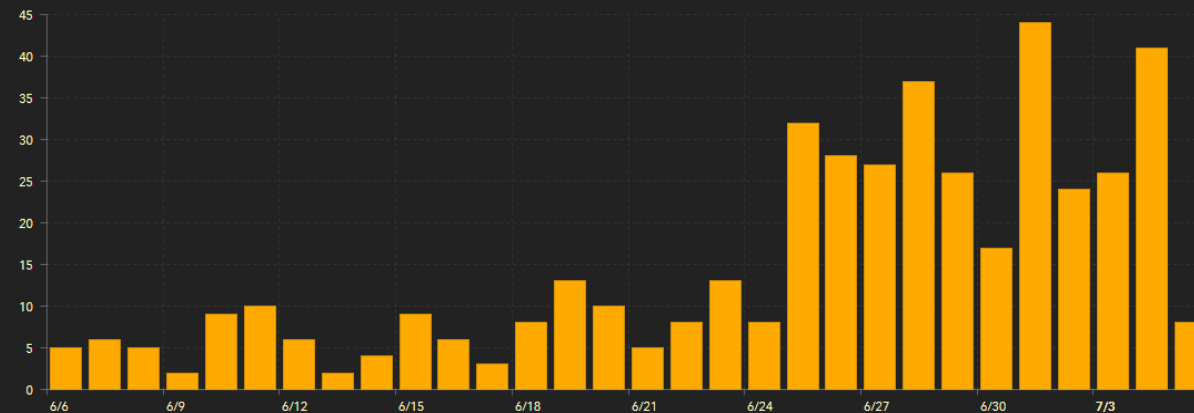
Positive Non-Residents

3

Cases by Ethnicity



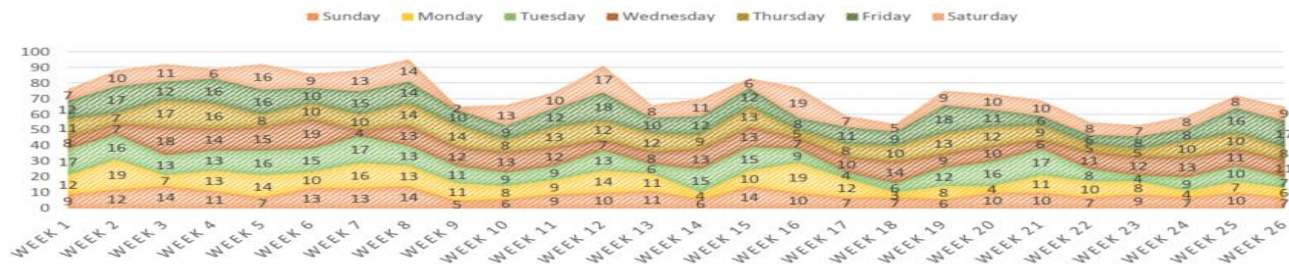
New Cases in Florida Residents by Day



# YTD Charlotte County Trends

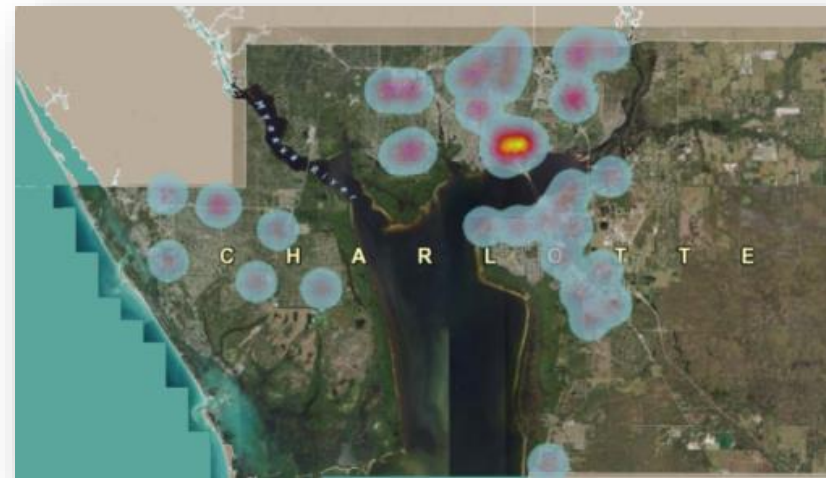
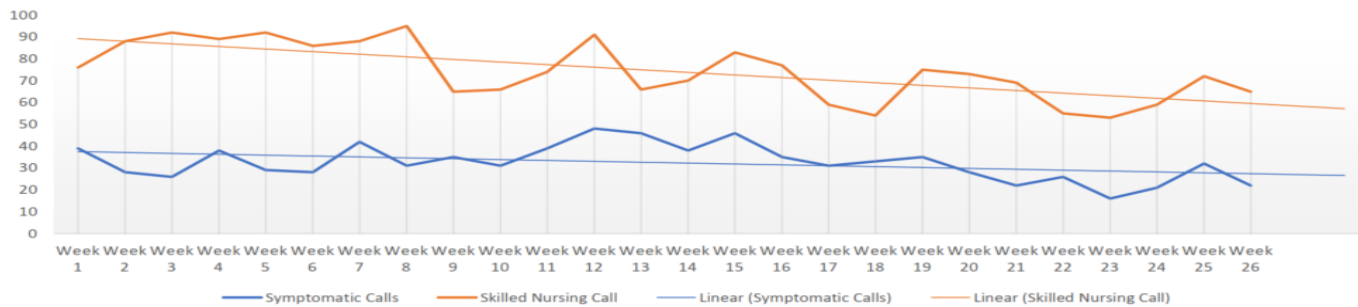
## Nursing Facilities

NURSING FACILITY CALLS FOR SERVICE



## Call Trends

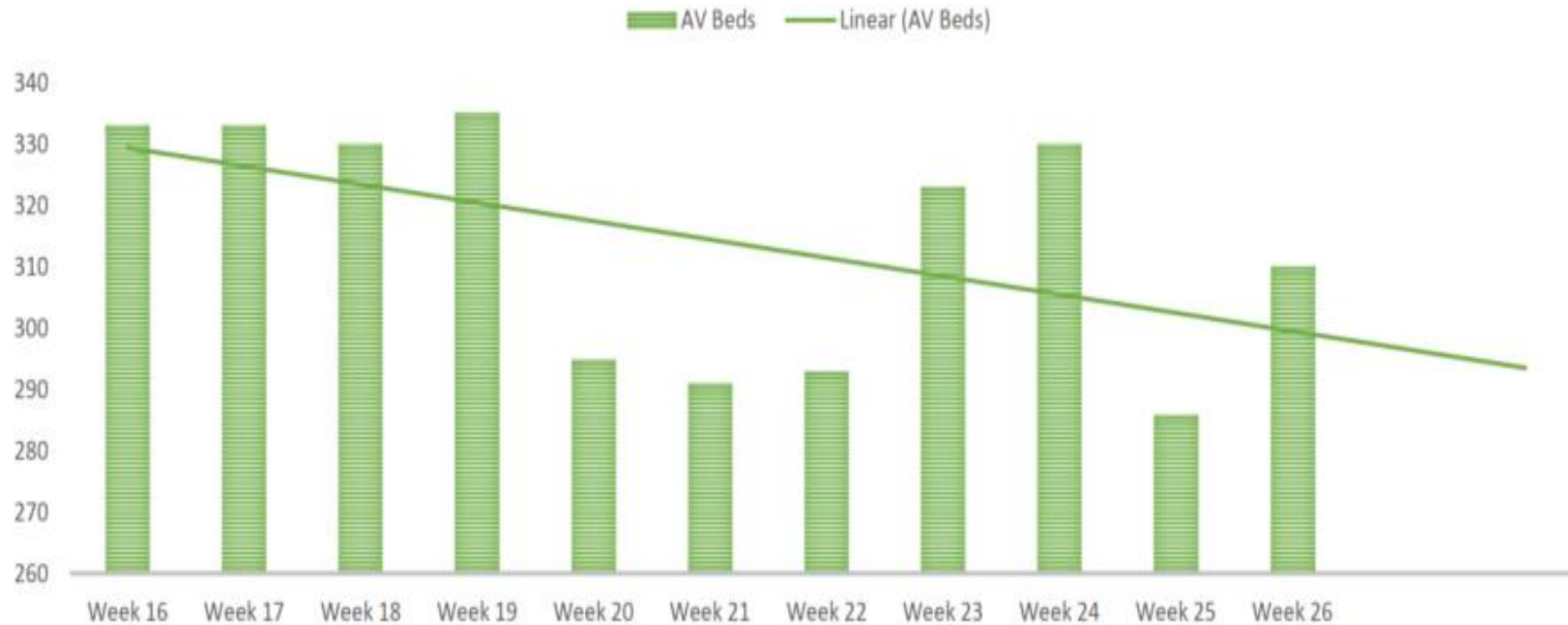
Symptomatic Calls and Skilled Nursing Calls



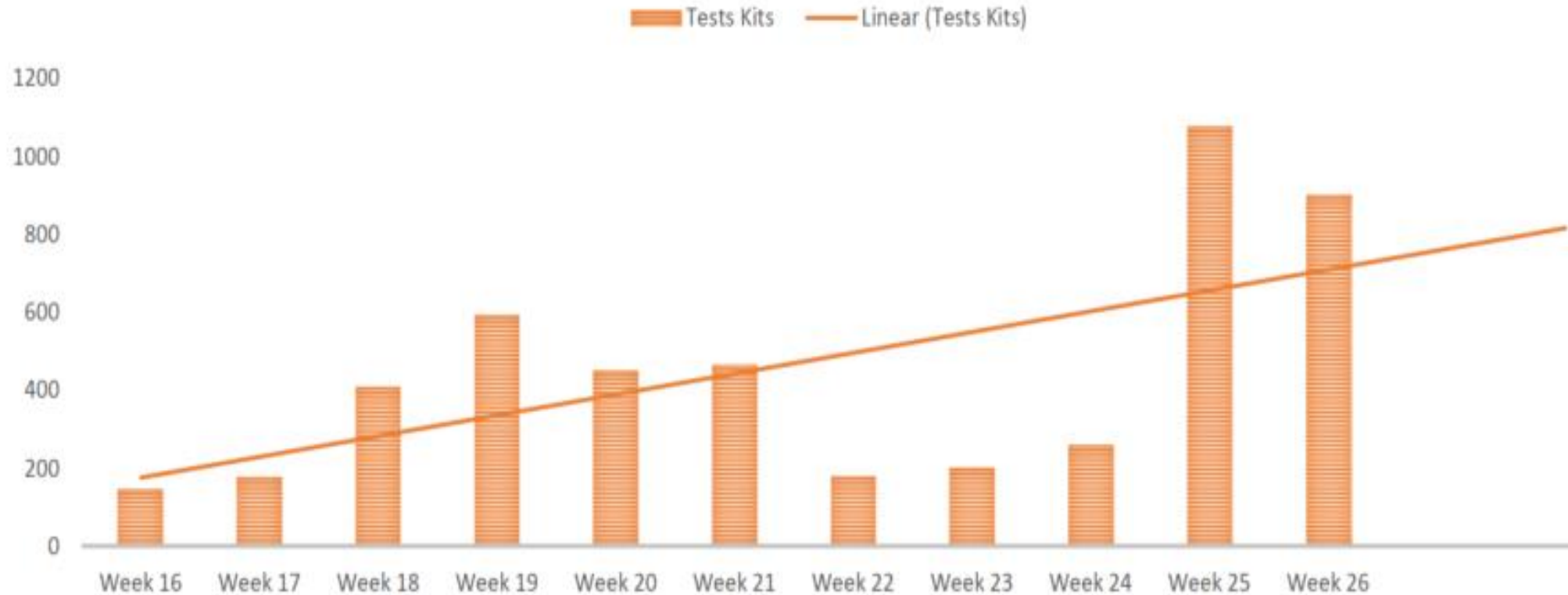


# Charlotte Bed Availability

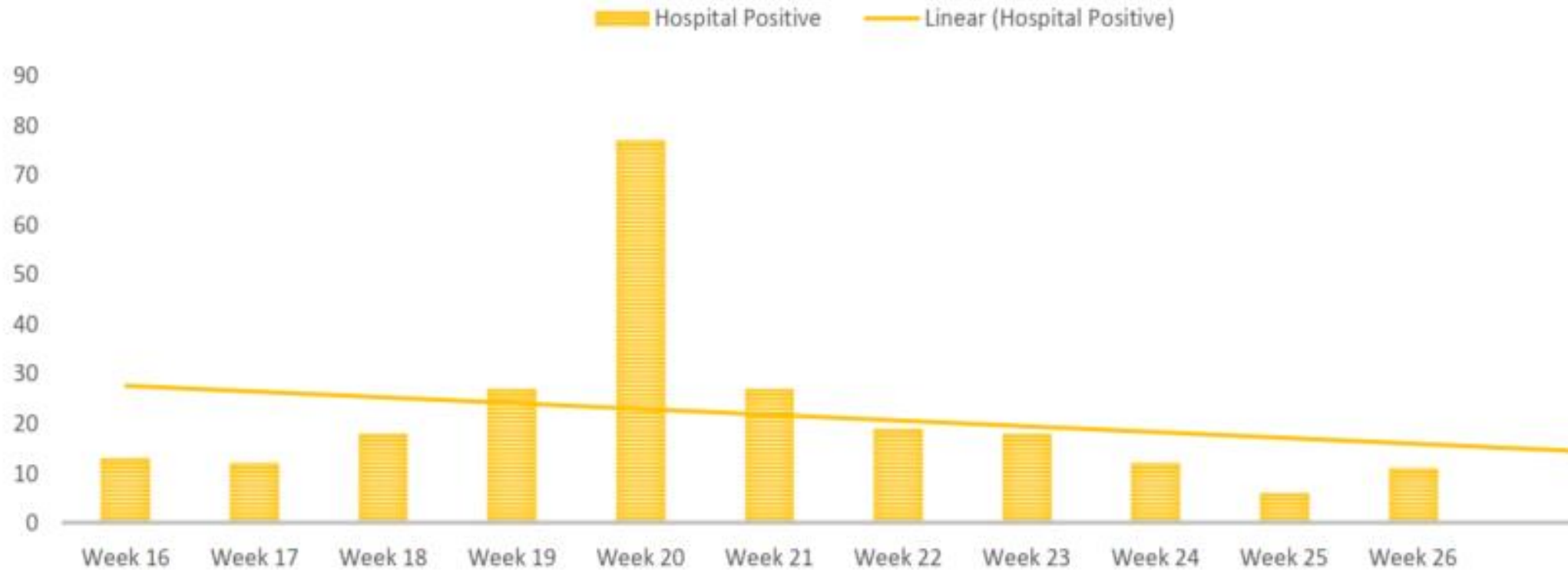
SNAP SHOT OF HOSPITAL BEDS AVAILABLE



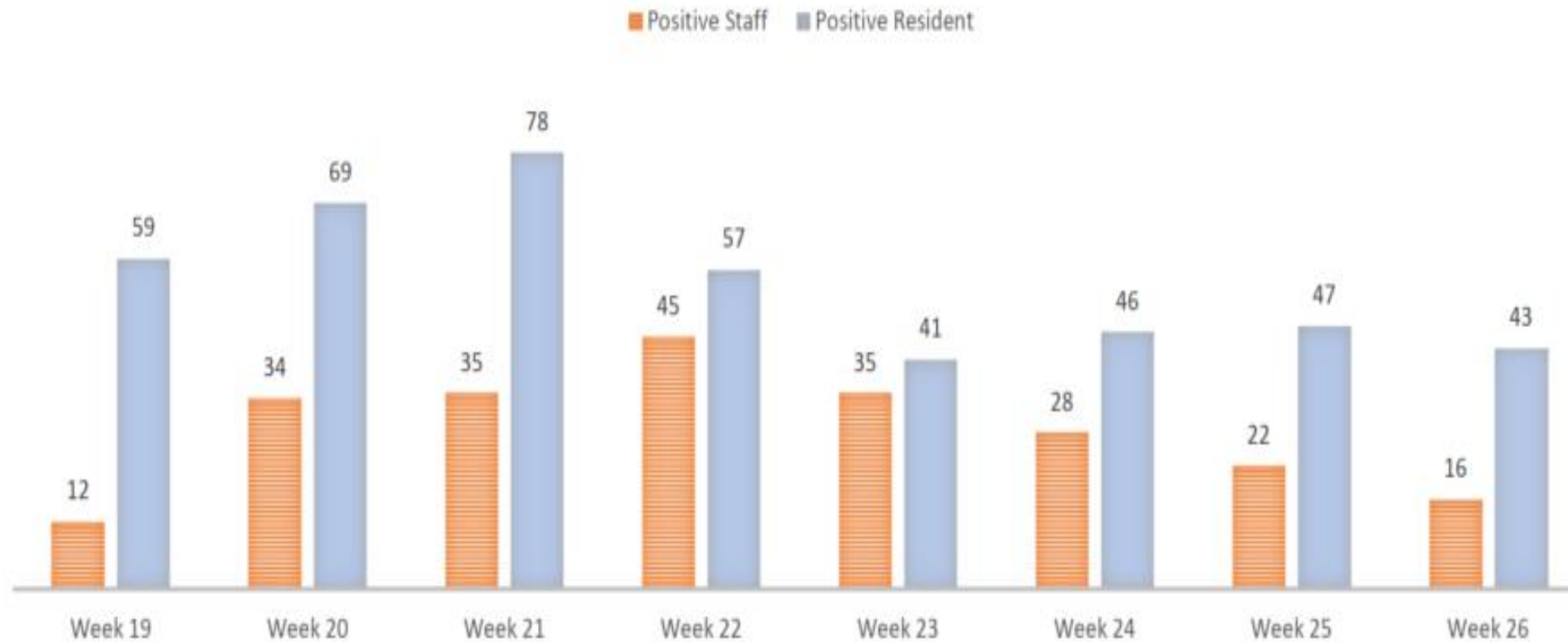
# Charlotte Hospital Available Test Kits



# Hospital COVID-19 Cases



# Charlotte Nursing Homes



# Assisted Living Facilities



# Charlotte COVID-19 Updates

- Total Cases:

- Residents: 935
- Residents Not in Florida: 0
- Non-Residents: 3

- Demographics of Cases

- Age Range: 0 to 101
- Median Age: 59
- Male: 44%
- Female: 55%

## Hospitals

COVID ICU 5(8)  
COVID Non-ICU 10 (4)  
Total Hospitalized 21 (18)  
PUI's 71 (58)  
Prior Day Admits- 4 (5)  
Discharges 6 (2)  
Tot Lic. Beds 815- 526  
Census 130  
Vent Assist capacity 130  
97 Vents Onsite  
1 (1) COVID on Vent

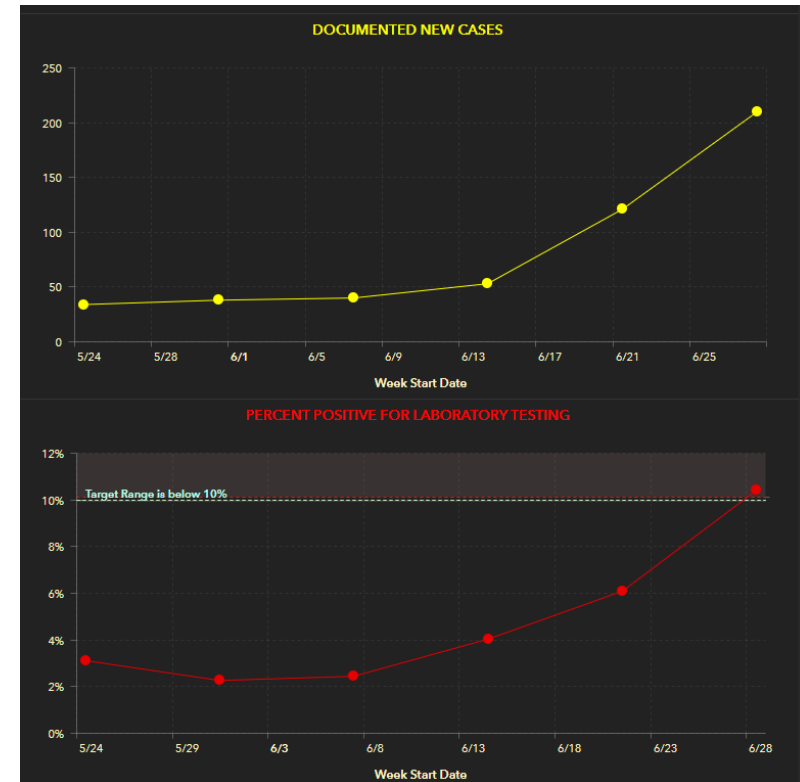
## LTCF Stats (ALF, AFCH Hospice, NH)

2665 Beds  
1973 Census  
47 Total Facilities  
13 w/Covid  
6 w 5< COVID (Covid Units)  
105 (101) COVID + Residents  
25 COVID+ Staff  
8 designated wings



# Testing and Incidence Rates

- COVID-19 Charlotte 451.89 per 100,000
- 13,653 tests
- 12,713 negative
- 935 Positive- (6.8% positivity rate overall)
- 10.41% positive from testing last week.



# Evolving Response

## TREATMENTS – MARCH VS. JULY 6TH

### Initial Treatment of COVID-19

- Supportive Oxygen Therapy and Early Ventilator Use  
January – March 2020
- Hydroxychloroquine – FDA EUA March 2020

### COVID-19 Treatment Evolution

- Convalescent Plasma – April 2020
- Remdesivir: FDA EUA – May 2020
- Anticoagulation Therapy – May 2020
- Dexamethasone – June 2020



## HEALTH CARE SYSTEM SUPPORT

- Personnel
- Remdesivir
- Lab Reagents






# Important Messaging


*Protect our Most Vulnerable*

**AVOID THE 3 Cs**

 Closed Spaces

 Crowded Places

 Close-Contact Settings

 **LEARN MORE HERE**  
FloridaHealth.gov

*...and wear a mask!*

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## LOW RISK VS. HIGH RISK ENVIRONMENTS



### LOW RISK

- Outdoors, fresh air, sunlight, heat and humidity



### HIGH RISK

- Enclosed, crowded spaces with poor ventilation
- Virus prefers A/C to fresh air

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# Highlights

- Significant increase in cases in younger adults.
- Testing increasing throughout county.
- Testing site relocated back to sports park.
- Median age of new cases is declining. (59)
- Mortality rate declining.
- Ample PPE and testing supplies in region.
- Need for more community support to slow the spread.

