

This document provides trending data related to cases, testing and the healthcare system in Pinellas County. Projections of the demand and capacity of the healthcare system is provided.

A review of the trends for these areas indicates a flattening or downward trajectory in the number of COVID-19 cases, positive tests and the demand of the healthcare system.

Since the beginning of COVID-19 the following actions have been taken to reduce the spread of the virus:

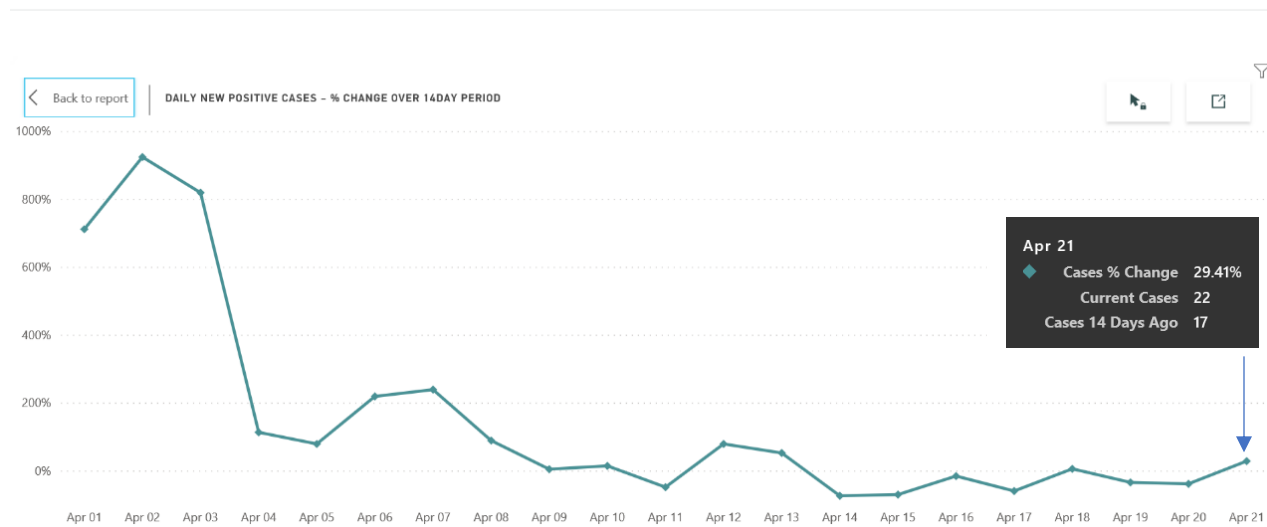
March 20th - Pinellas County Resolution #20-17. All public beaches and public beach parking were required to close.

March 26th - Pinellas County “SAFER AT HOME” Order #20-20. Places of public and private assembly were required to close, including pools and all public playgrounds.

April 3rd - Governor’s Executive Order #20-91 – Addressed essential businesses.

The data in this report indicates that those actions have had the intended effect of mitigating the spread of COVID-19 in Pinellas County.

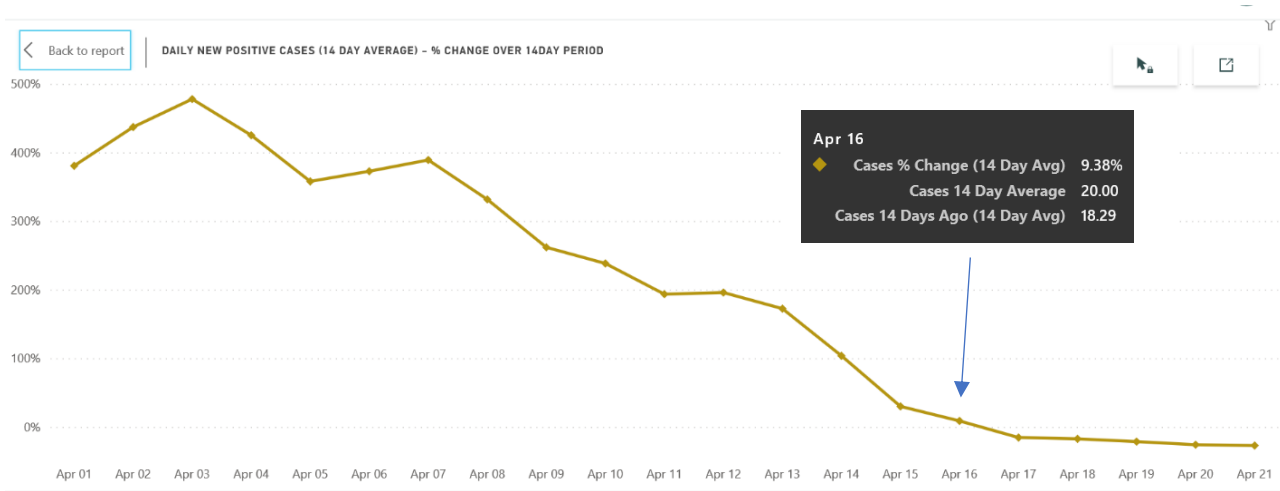
Daily New Positive Cases - % Change Over 14 Day Period



Source: Emergency Status System (ESS) state Agency for Healthcare Administration (AHCA)

This chart reflects the rate of change over a 14-day period in the daily number of new positive cases in Pinellas County. On April 21, Pinellas County reported 22 new cases. When comparing to April 8 (14 days prior), Pinellas County reported 17 new positive cases. The percent change between April 8 and April 21 is 29.41%. In this 14-day window we have not doubled new cases per day when compared with the prior 14-day window. (* All data in this report includes reported cases from long-term care facilities, including surges April 16, 2020 and April 21, 2020 when residents were removed from the facilities and transported to hospitals. As of April 24, 2020, 149 of the 673 positive cases and 9 of the 23 deaths in Pinellas County are long-term care facility residents are employees).

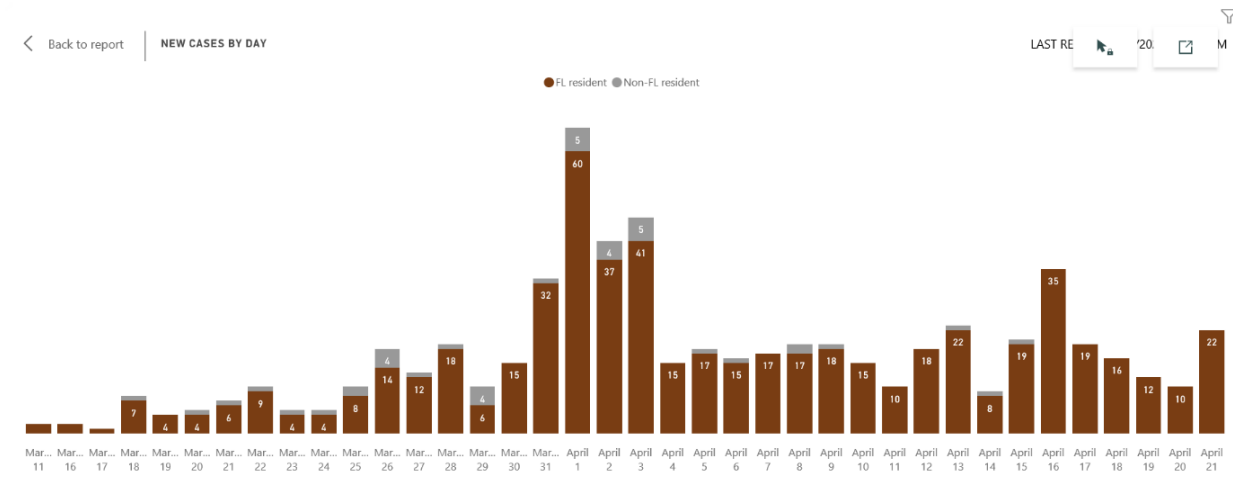
Daily New Positive Cases (14 Day Average) - % Change Over 14 Day Period



Source: Emergency Status System (ESS) state Agency for Healthcare Administration (AHCA)

This chart reflects the rate of change in daily new cases by comparing the 14-day rolling average daily new cases to the preceding 14-day period. In the two weeks (14 days) ending on April 16, an average of 20 new cases were reported each day. In the preceding 14-days, (two-week period ending on April 2nd), an average of 18.29 daily new cases were reported. Comparing these 14-day averages, reflects a percent change in daily new cases of 9.38% as of April 16th. This chart also shows a downward trajectory in new cases.

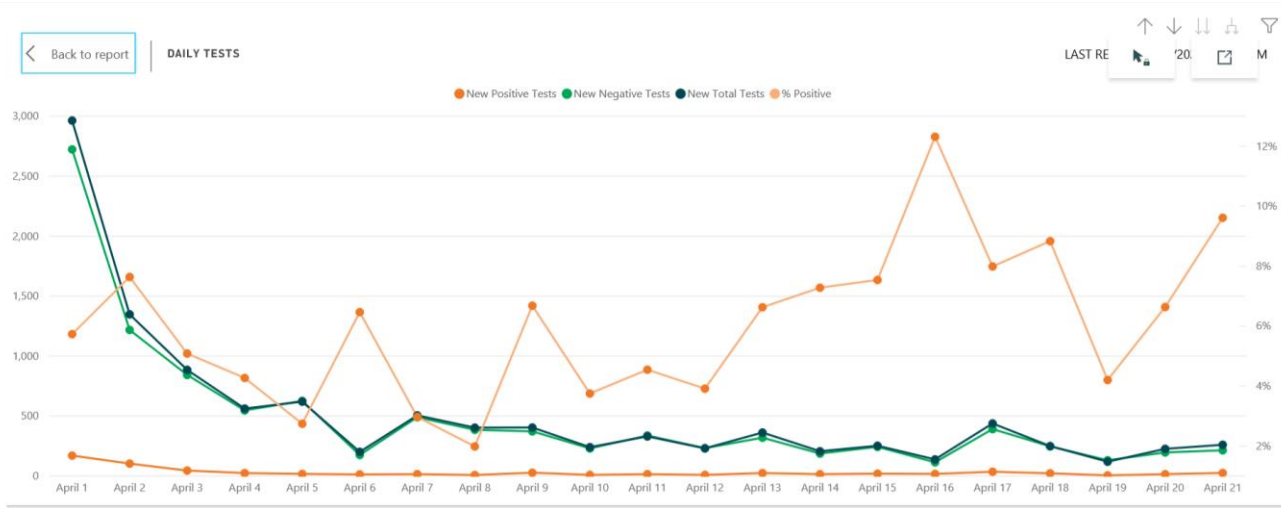
New Cases by Day



Source: Florida Department of Health

This chart reflects the number of cases per day for residents and nonresidents. With the exception of the spike in new cases on April 16th, the trajectory of daily cases since April 4th has remained flat.

Daily Tests



Source: Florida Department of Health

The “% Positive” line on this chart reflects the percentage of tests on a given day that are positive. On average, the percentage of daily positive cases has remained under 10 percent. Also provided for context are trends in the number of test each day (New Total Tests) as well as the number of tests that are positive or negative each day (New Positive Tests and New Negative Tests, respectively)

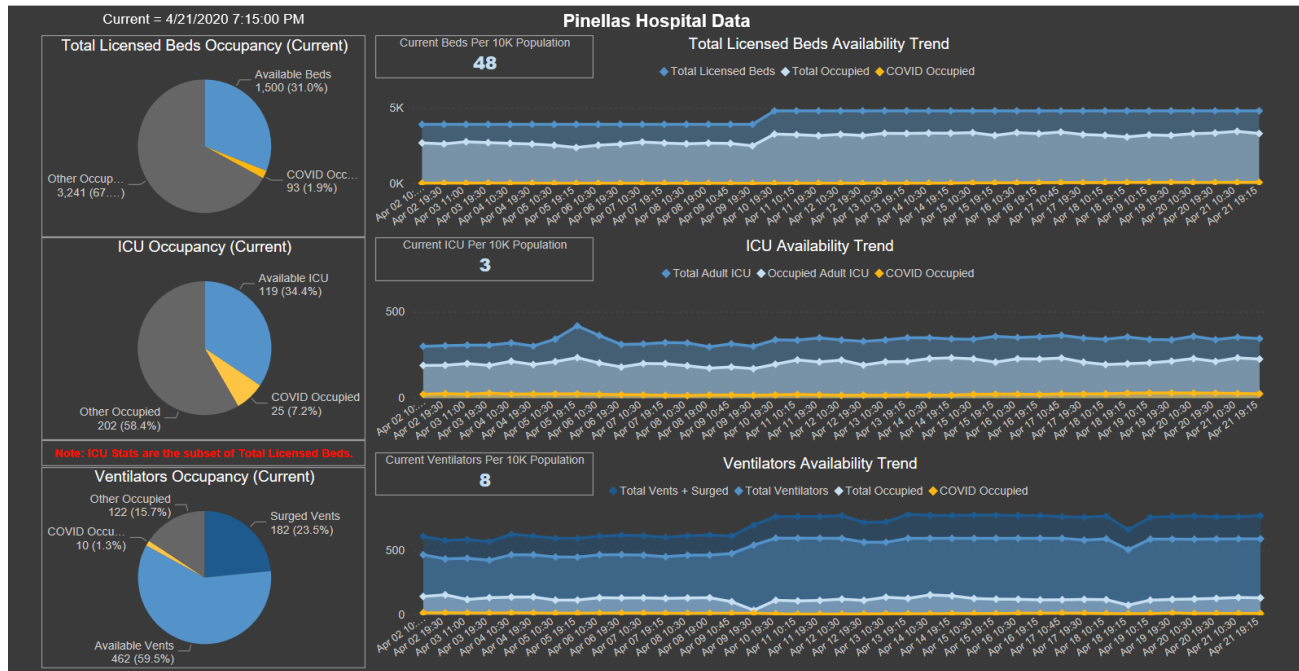
Deaths by Day



Source: Florida Department of Health

This chart reflects the number of deaths per day.

Local hospital capacity

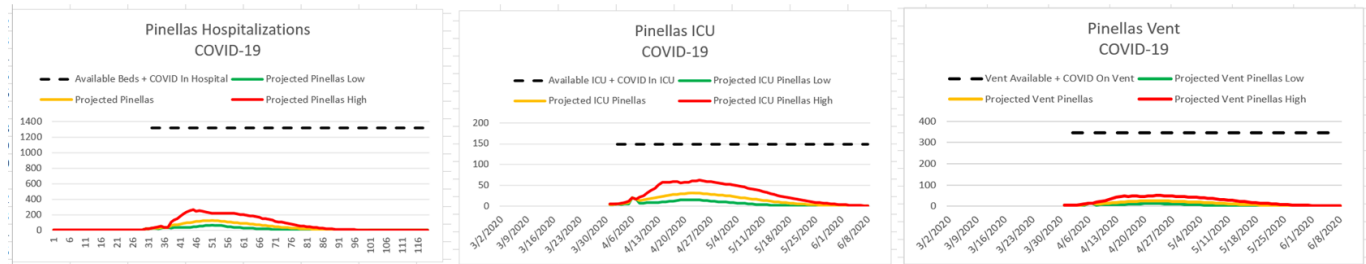


Source: Emergency Status System (ESS) state Agency for Healthcare Administration (AHCA)

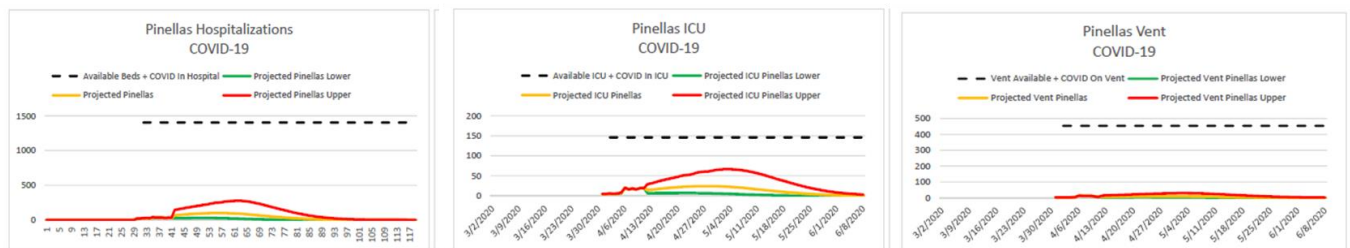
This chart reflects the capacity and utilization of total licensed beds, ICU beds, and ventilators. Capacity is available to treat all current COVID-19 patients.

Projections - Hospitalizations, ICU and Ventilators

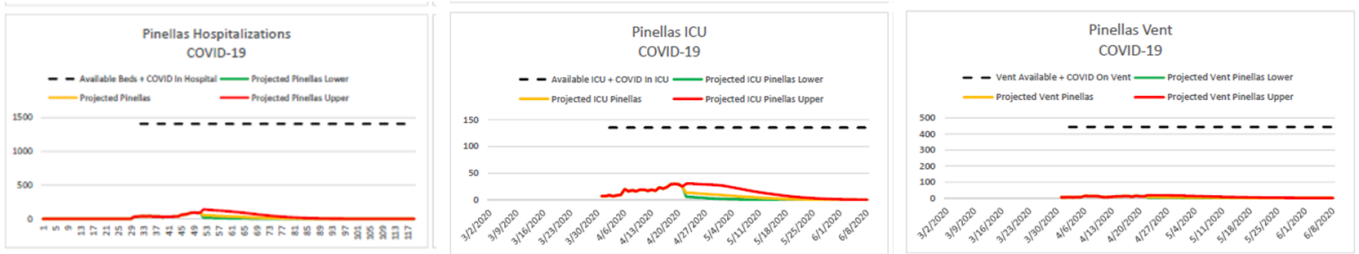
4/8/2020



4/12/2020



4/21/2020



Source: FDEM | IHME COVID-19 Projections

These charts reflect the projected demand and capacity for hospitalizations, ICU, and ventilators based on the three most recent runs of the IHME COVID-19 Projections provided by the Florida Division of Emergency Management (FDEM). All projection models reflect a number of estimates and assumptions. These projections indicate that Pinellas County has capacity to treat COVID-19 patients.