# CRISIS MANAGEMENT

## COVID-19 Plug & Play Analytics

### For Hospitals & Health Systems

A comprehensive overview of COVID-19 testing in your healthcare system

In depth COVID-19 case understanding of the patient population

Daily census insight to determine resource constraints with trending predictability

Additional visualizations around Ventilator Utilization, PPE Utilization, and Impact on Employee Health from COVID-19 can be implemented with configuration

## Case Overview

The case overview visualization tracks all COVID-19 positive or suspected positive cases.
A detailed view on trending case data on a daily basis.

| Inpatient Hospitalization for Tested / COVID+ / Recovered Patients | | | |
|---|---|---|---|
| Total Admitted | 739 | 219 | 218 |
| Total Discharges | 341 | 51 | 218 |
| Current Inpatients | 398 | 168 | 0 |
| Average IP LOS (days) | 2.8 | 4.3 | 2.5 |
| Total Deaths | 28 | 12 | 0 |
| Avg. Death LOS (days) | 2.2 | | |

| Critical Care & Med/Surg. for Tested / COVID+ / Recovered Patients | | | |
|---|---|---|---|
| Ever-ICU Discharges | 64 | 17 | 33 |
| IP LOS: Ever-ICU (days) | 7.0 | 8.8 | 6.2 |
| Avg. ICU LOS (days) | 5.9 | 7.5 | 5.1 |
| Med/Surg Discharges | 277 | 34 | 185 |
| IP LOS: Never-ICU (days) | 1.8 | 2.0 | 1.8 |

■ Tested  ■ Positive  ■ Recovered

## Features Include

**1** Trending cases in testing and net new cases each day

**2** Trending positive cases and net new positive cases each day

**3** Trending case mortalities and net new mortalities each day

**4** Breakdown of case testing, positive cases, and mortalities by age/gender

## Testing Overview

The testing overview visualization tracks all COVID-19 hospital system current testing practices.

## Features Include

**1** Number of COVID-19 test performed by location and date

**2** Number of Positive, Negative, or Pending Tests

**3** COVID-19 test turnaround times by location and test type

**4** Patient tracking for patients that were tested

# CRISIS MANAGEMENT

## COVID-19 Plug & Play Analytics
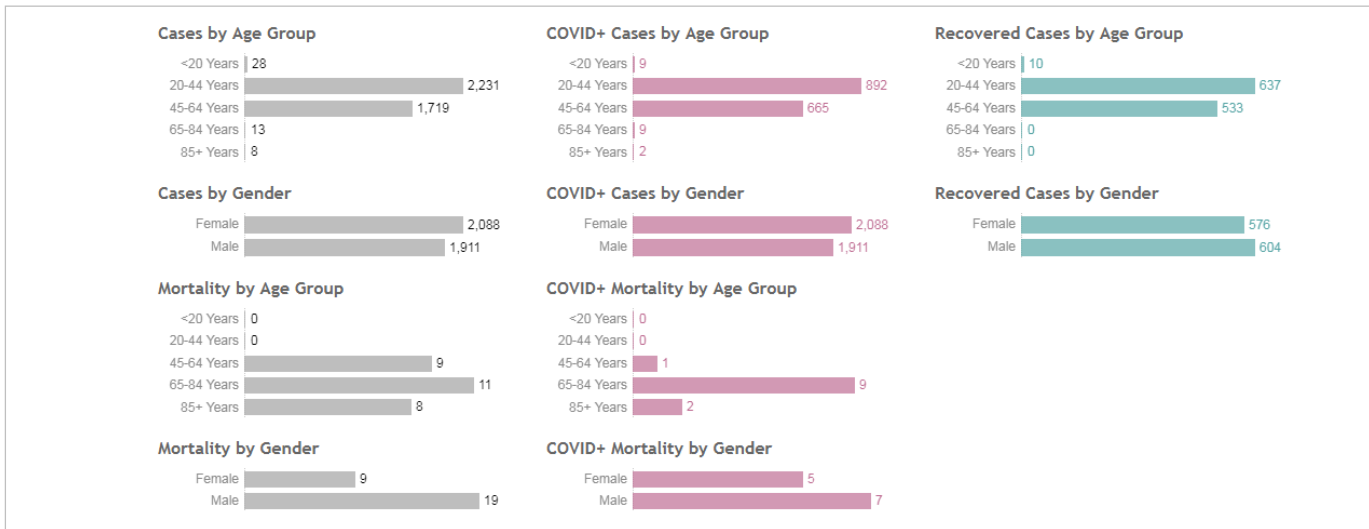
For Hospitals & Health Systems

## Occupancy

The occupancy visualization provides trending analysis on bed occupancy each day.
In particular, it looks at unit by unit occupancy and whether or not a unit is designated to care for the COVID-19 patients.

### Features Include

**1** Percentage of total occupancy by location

**2** Number of occupied vs licensed beds by location

**3** Number of COVID-19 patients for occupied beds by location

**4** Trends by day for current vs max occupancy for predictions for each unit

**Cases by Age Group**
- <20 Years | 28
- 20-44 Years | 2,231
- 45-64 Years | 1,719
- 65-84 Years | 13
- 85+ Years | 8

**COVID+ Cases by Age Group**
- <20 Years | 9
- 20-44 Years | 892
- 45-64 Years | 665
- 65-84 Years | 9
- 85+ Years | 2

**Recovered Cases by Age Group**
- <20 Years | 10
- 20-44 Years | 637
- 45-64 Years | 533
- 65-84 Years | 0
- 85+ Years | 0

**Cases by Gender**
- Female | 2,088
- Male | 1,911

**COVID+ Cases by Gender**
- Female | 2,088
- Male | 1,911

**Recovered Cases by Gender**
- Female | 576
- Male | 604

**Mortality by Age Group**
- <20 Years | 0
- 20-44 Years | 0
- 45-64 Years | 9
- 65-84 Years | 11
- 85+ Years | 8

**COVID+ Mortality by Age Group**
- <20 Years | 0
- 20-44 Years | 0
- 45-64 Years | 1
- 65-84 Years | 9
- 85+ Years | 2

**Mortality by Gender**
- Female | 9
- Male | 19

**COVID+ Mortality by Gender**
- Female | 5
- Male | 7

## Ventilator & PPE Utilization

If an organization has access to vent or PPE supply data it can be easily configured to provide visualizations for current utilization.

### Features Include

Ventilators tracked by COVID and Non-COVID capabilities and ventilator types

## Geomaps

Geomaps that displays counties & zip codes for tested patients as well as positive patients.

Positive Patients by Patient Postal Code



1 — 14
© 2020 Mapbox © OpenStreetMap     50 mi

Tested Patients by Patient Postal Code



1 — 175
© 2020 Mapbox © OpenStreetMap     50 mi