



» Regional Capacity & Resource Surveillance

Create visibility and coordinate action across your region

The Challenge

When atypical emergencies occur, such as the current COVID-19 pandemic, healthcare systems are on the frontlines, providing care to an ever-increasing number of patients. To accommodate this increase in patient demand, health systems, more than ever, need to maximize the use of internal capacity, as well as the capacity across their region; neighboring health systems, hospitals, and temporary facilities.

As there isn't an infrastructure to support this type of coordination, health systems are forced to rely on manual methods (e.g. spreadsheets, emails, text message, faxes, and phone calls) to understand the available resources and capacity at each location before action can be taken. As a result, hospital leaders spend more time trying to determine what "current state" is rather than acting, which impacts patient care and increases tension in an already stressful time.

The Solution

To help manage these types of extraordinary situations, Hospital IQ has developed the Regional Capacity & Resource Surveillance solution; a cloud-hosted, easy to deploy solution, that helps health systems improve coordination of care, capacity, and required resources across their region.

With the Regional Capacity & Resource Surveillance solution, health systems can streamline communication and coordination within their network, across temporary care locations, and with other hospitals in their community. Through an intuitive, easy to use dashboard that shows available bed capacity, including overflow areas, equipment, and supplies across the region, hospitals can reduce the time-consuming manual methods associated with collecting and collating this information.

Leaders, crisis management teams, and front-line staff now have the time and insight necessary to support the needs of the region. Time can now be spent ensuring that every patient has access to care, resources are managed effectively, and staff are spending time care for patients.

FEATURES

- » Census forecast across your enterprise (e.g. system, hospital, level of care, unit)
- » Visibility to regional capacity (e.g. other health systems, critical access hospitals, temporary care locations, etc)
- » Equipment and supply accounting (e.g. COVID-19 tests, ventilators, PAPR hoods & motors, eye shields, gloves, etc)
- » County-level COVID-19 monitoring and predictions

KEY BENEFITS

- » Improve timeliness and accuracy of capacity related decisions
- » Improve collaboration across the region
- » Improve visibility to supply availability, needs, and usage trends
- » Reduce manual work to collect and collate information across the region
- » Fast implementation; can be setup and running quickly

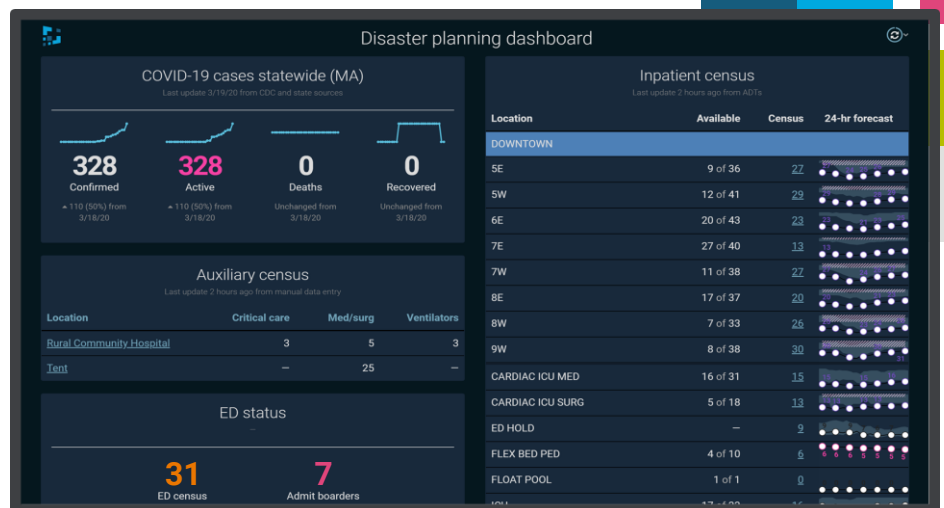
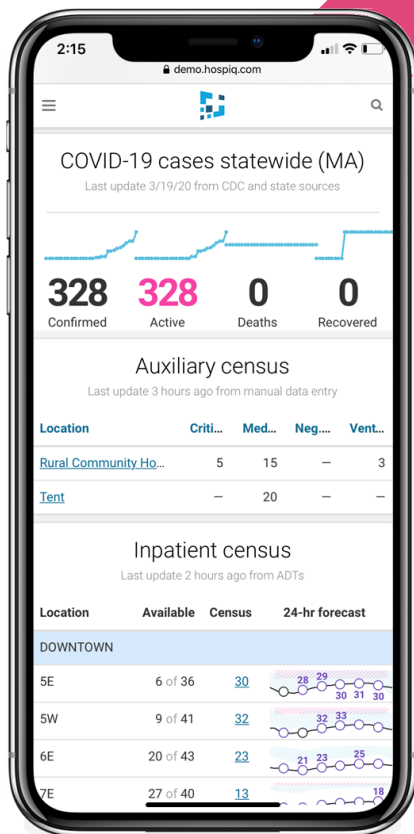
Prepare for future patient demand

In emergency situations, a lot of time is spent reacting to the events as they unfold. Hospital IQ helps hospital leaders and front-line managers get ahead through visibility of the current and future capacity of their health system. This includes an accurate prediction of patient census across the health system, every level of care, and each nursing unit. Additionally, Hospital IQ will automate the collection of supply levels, allowing for real-time visibility of critical needs. With this foresight, hospital leaders can take action to ensure appropriate bed and supply capacity exists to accommodate upcoming patient demand. (e.g. opening overflow capacity, redirecting admissions, or acquiring additional supplies)

» Hospital IQ solutions provide the actionable insight and recommendations healthcare leaders and frontline staff need to align capacity and labor to true demand across the entire health system

Monitor Regional Constraints

Hospital IQ helps health systems coordinate with other regional resources that are leveraged when patient demand exceeds their physical capacity. Auxiliary facilities can provide capacity and supply updates through a web form, that is immediately aggregated and made visible to the region. Simplifying and automating the coordination enables leaders, crisis management, and front-line teams across all locations coordinate and optimize patient care activities.



Intelligent Automation for Healthcare

Hospital IQ uses AI to direct actions, enabling health systems to sustain peak operational performance that improves patient access, care delivery and staff productivity.