Clinical Response to COVID-19

Our Six Strategies of Focus for COVID-19

Rapidly Deploy Best Practices — Strategy 6

Detect New Cases — Strategy 1

Predict Surge — Strategy 2

Prioritize Supplies — Strategy 3

Follow Guidance — Strategy 4

Observe & Adjust Therapies — Strategy 5
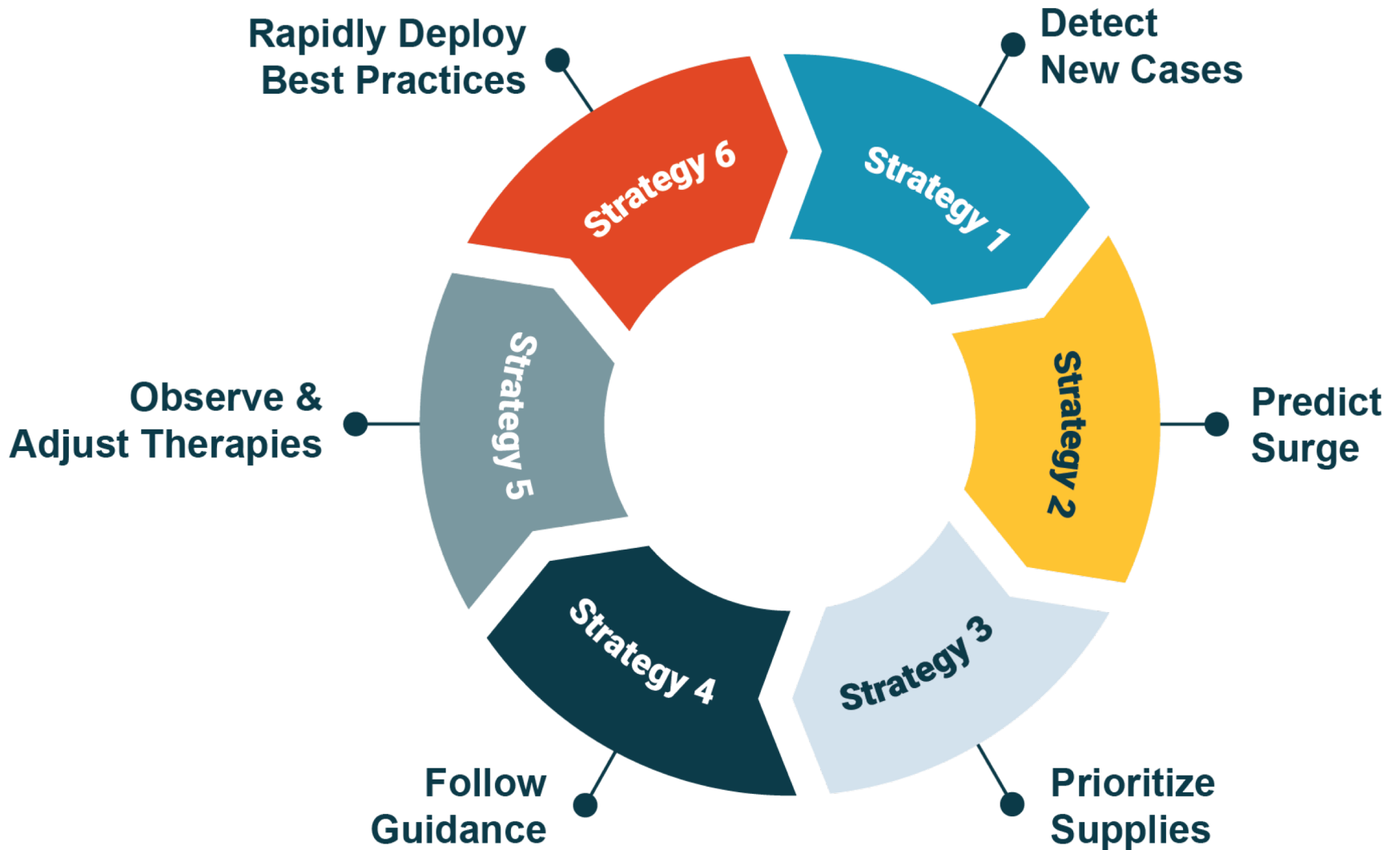
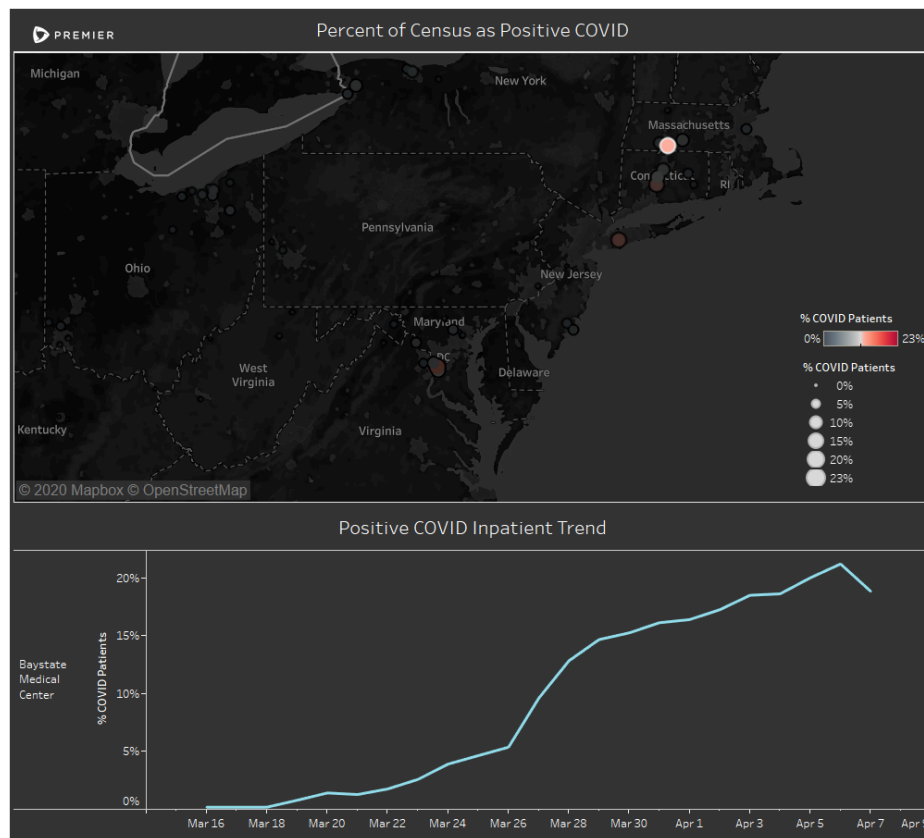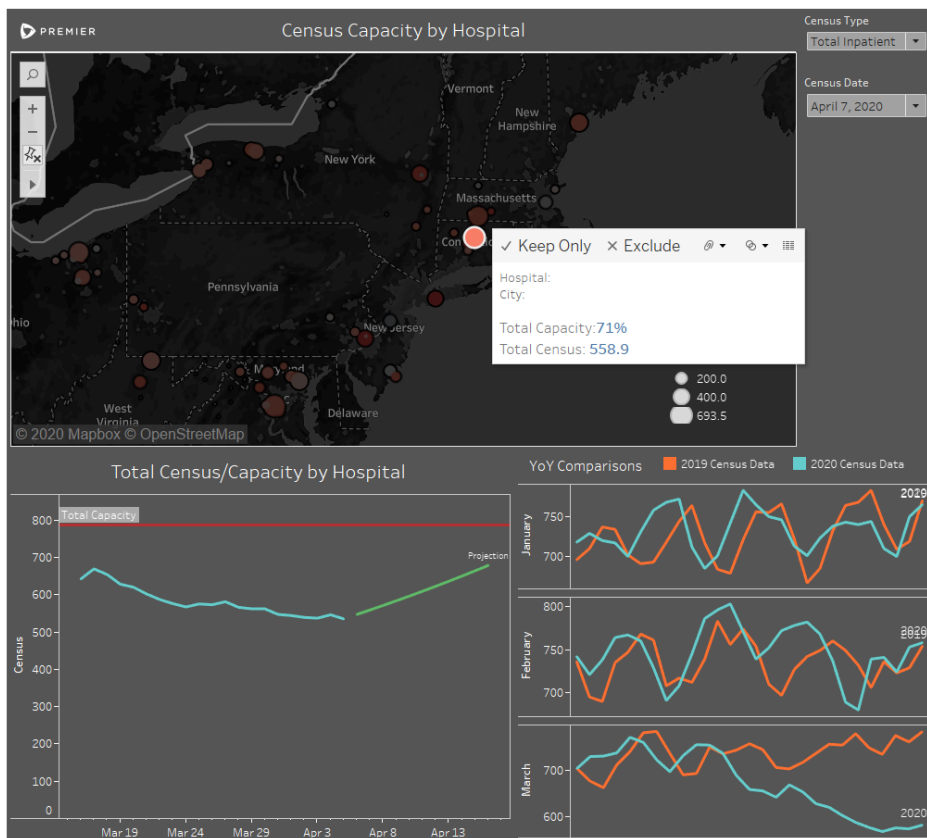# Create an early warning system before patients are hospitalized.

Considering that patients aren't typically confirmed cases for at least a week after showing symptoms, this early warning buys time to support containment and mitigation strategies, and lead surge preparations and coordination across all relevant stakeholders – all before patients arrive at the hospital for treatment.
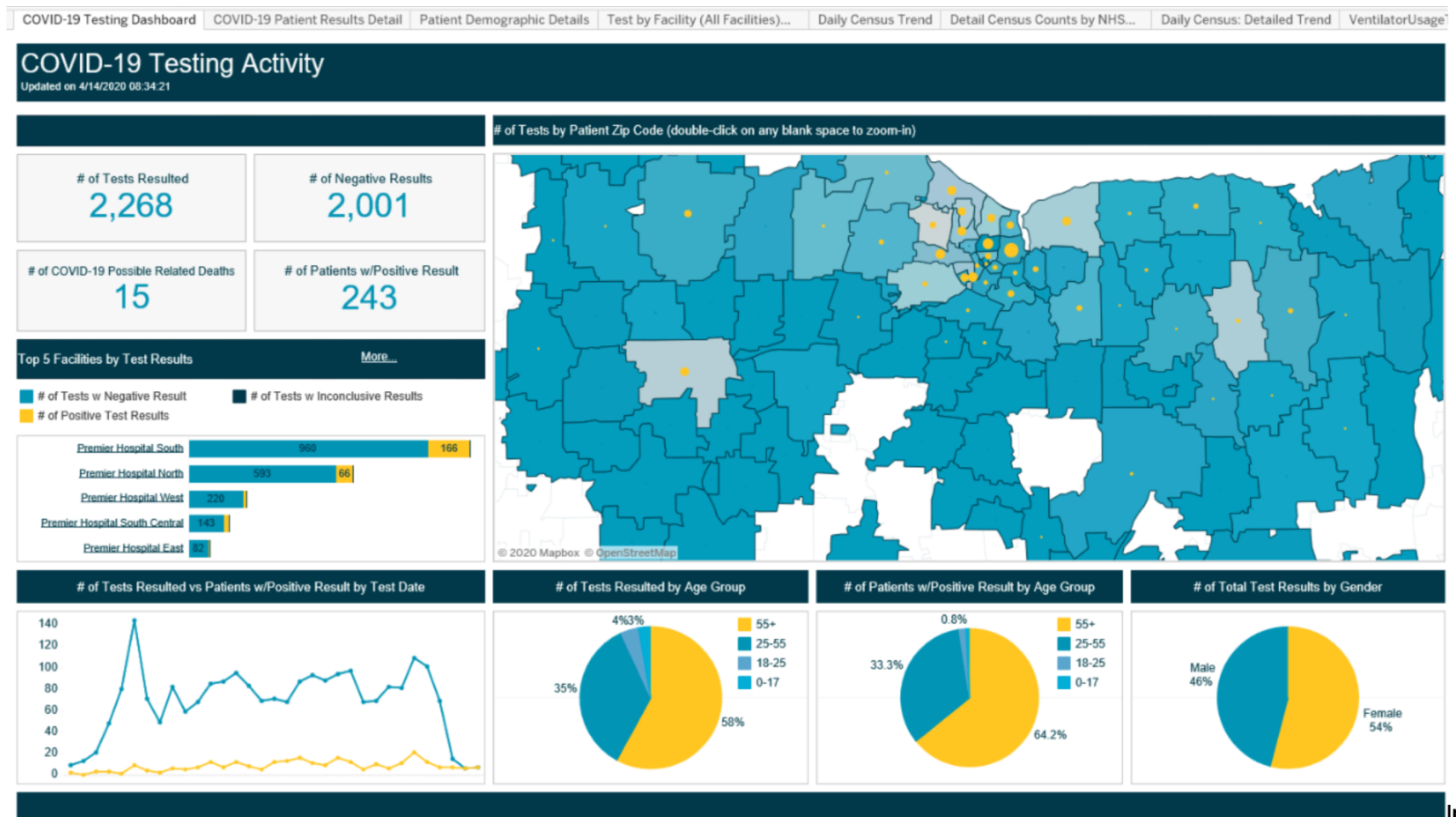
Leverage predictive modeling to make actionable forecasts on surge.

Premier's integrated solution leverages clinical and public health information to create predictive models about demand, indicating the projected caseload for five to seven days for a health system, city, region or the nation.
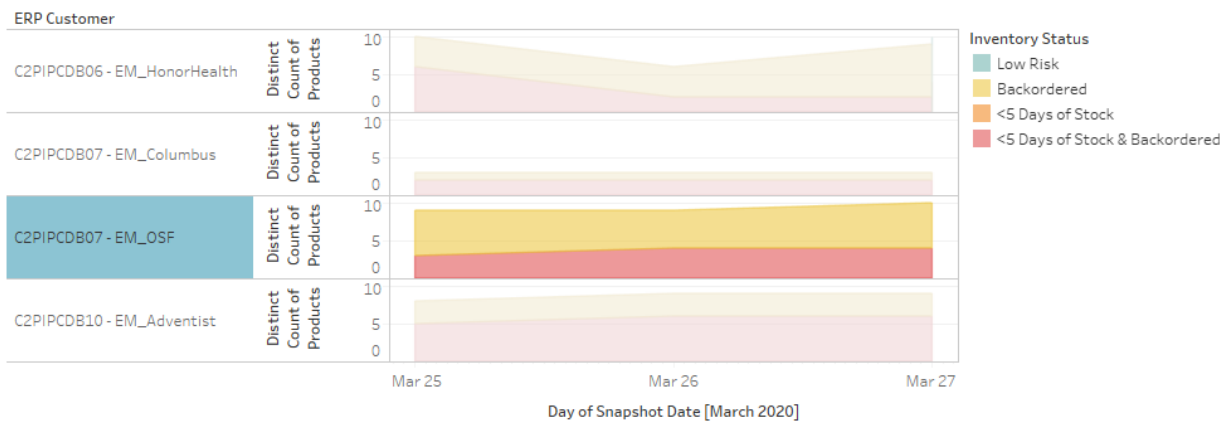
Predict and identify the priority supply needs based on the acuity of the patient population.

Premier uses its comprehensive, vendor-agnostic supply data to develop a supply allocation model that predicts the number of disease cases over a seven-day period by county and models the supply levels a healthcare provider will need based on estimated case volume and typical surge demand.

Stay informed and ensure adherence to the latest evidence-based clinical guidance for best possible care.

Premier's clinical decision support technology embeds the latest and most relevant clinical guidance into the workflow, allowing nurses and physicians to incorporate the most recent findings into their treatment protocols at the time that decisions are being made

Predictive Algorithms + Workflow Technology

Here's how.

CDC COVID19 treatment guidelines into patient-specific clinical workflow → Patients at high risk of negative outcome are flagged → Physician meets with patient and identifies need for intervention → Clinical appropriateness is validated using guidelines

YES → Order placed, CDS records next steps and saves in EHR

NO → Provider cancels, selects different procedure, or submits request

Observe and adjust therapies based on real-time research.

Premier technology captures clinicians' prescribing practices in real-time

Applied researchers can study and assess effectiveness of the treatments prescribed

Provides an early indication of what's working to treat the disease

Evidence-based therapies are embedded in the clinical decision support technology

The feedback loop continues

In Progress
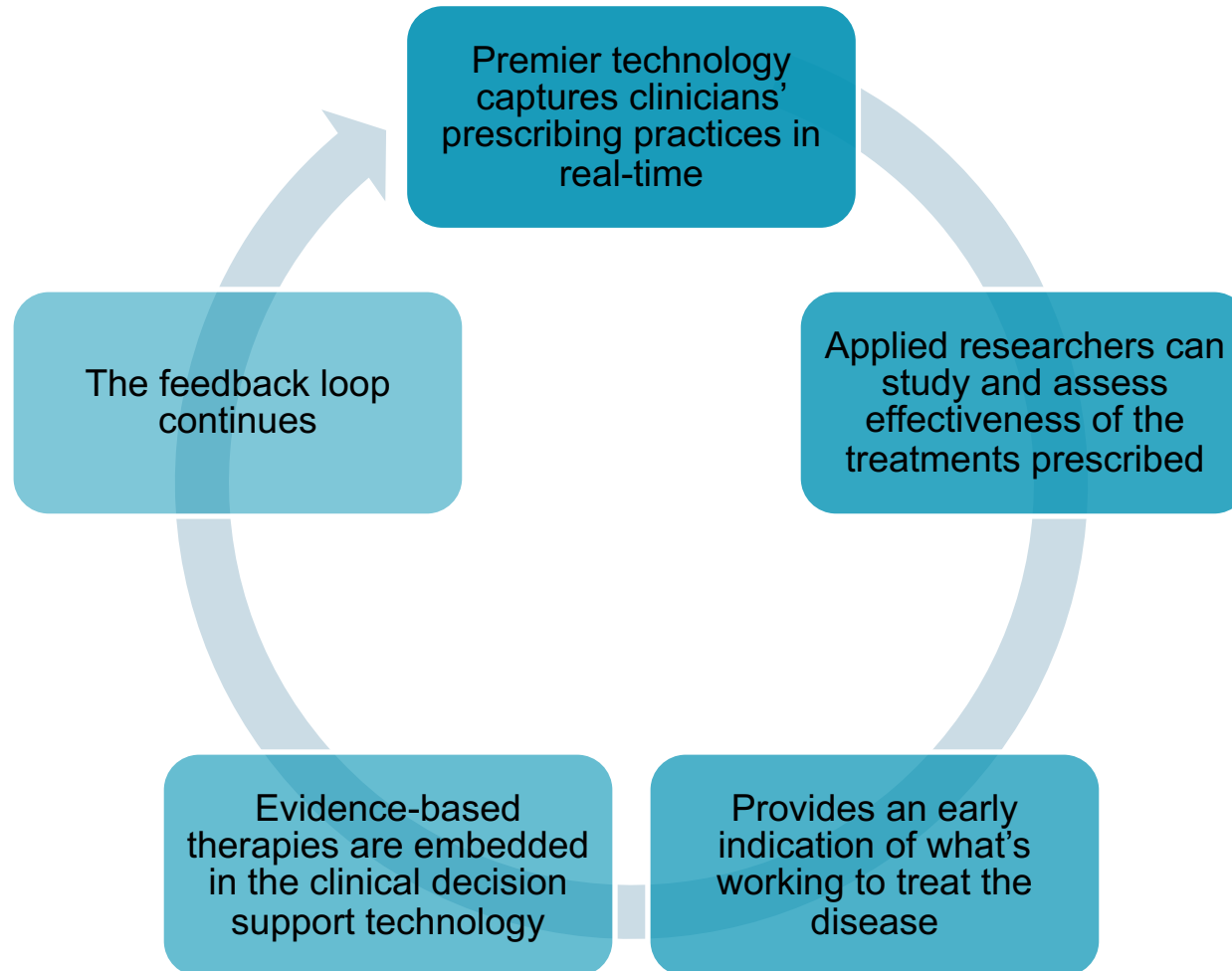
Rapidly deploy best practices across healthcare providers.

In addition to a real-time, national surveillance system, Premier is creating a COVID-19 Clinical Forum to rapidly scale learnings and best practices across the nation.

PPE
Testing
Vent Protocols
Specialties
Treatment
Workforce
Telemedicine
Hospice
Reimbursement
Clinical Trials
Transmission
…

01

Organizing an Industry Expert Panel

02

Curating Content of Greatest Need

03

Launch Mobile-enabled Virtual Session

04

Enhance with Partner Capabilities for Mobile Chat

In high demand today & can be repurposed for the next crisis.