Powerful analytics and creative sourcing tactics have helped a healthcare operator maintain the critical supplies necessary to treat patients during the COVID crisis.

**Situation**
Client challenged with procuring and tracking inventory of critical Personal Protective Equipment ("PPE") supplies across 600+ clinics during conditions of extreme supply shortage and poor data visibility.

**Approach**
- Combined several disparate data sources, pulled the most accurate information, and created a “single source of truth” through heatmap analysis and dashboards
- Visualized COVID hotspot data by county with Client’s clinic locations and inventory counts by clinic
- Identified non-traditional alternative sources for supplies in severe shortage

**Execution**
- Positioned Client to clearly and quickly view inventory on hand by clinic, days of inventory on hand by SKU, supplies shortages to address, and recommended re-order quantities
- COVID hotspot mapping supported predictive analytics, enabling Client to identify at-risk clinics that need to ramp up supplies and/or proactively transfer inventory to hot spot clinics
- Analysis of inventory and shipment data demonstrated actual usage of most critical supplies to enhance forecasting and target any supply misuse (e.g. hoarding, waste)

**Key Results**

- **Visibility**: Provided daily insight into supply status to ensure sufficient supply of PPE critical to staff and patient safety.
- **Predictive Forecasting**: Positioning Client to “get ahead” and secure longer-term supply continuity by understanding usage and problem geographies.
- **Sourcing**: Secured several weeks of additional supply-constrained PPE supplies including hand sanitizer and masks.
Case Study: Specialty medical care provider

Interactive dashboard provides customizable views of PPE supplies, including facility-level drill down.