

- SC National Guard leadership relies on GIS as the primary source of information to drive decision making during the COVID-19 mission.
- ArcGIS Dashboard became the primary tool for COVID-19 response decision making.

"I'm being briefed three times a week, but I've relied on that dashboard almost hourly for more than 300 days."

~Major General Stephen B. Owens~

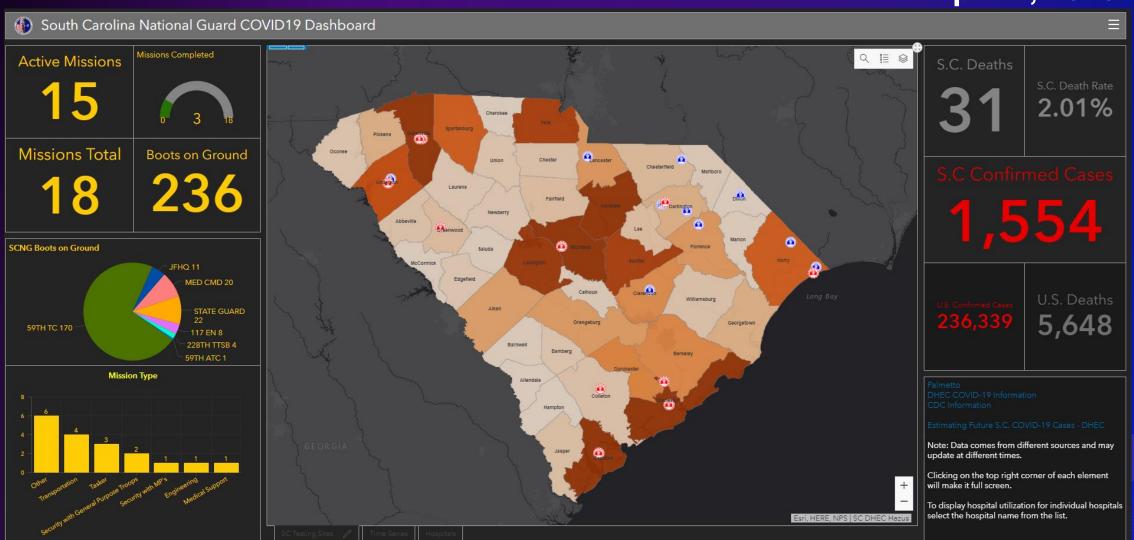
Assistant Adjutant General overseeing all of the SC National Guard COVID-19 response.

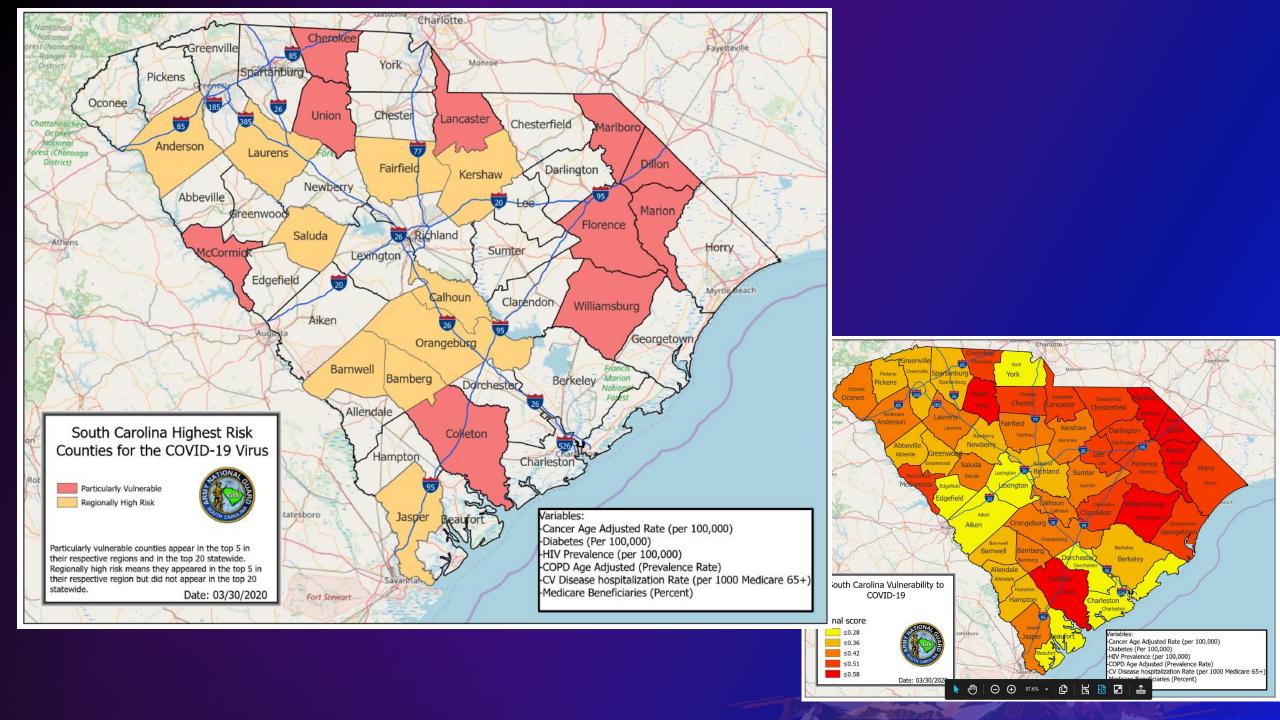
First COVID-19 Phase

Creation of COVID Dashboard, Health Vulnerability Analysis, Site Suitability Analysis for Testing Sites

ArcGIS COVID-19 Dashboard 1.0

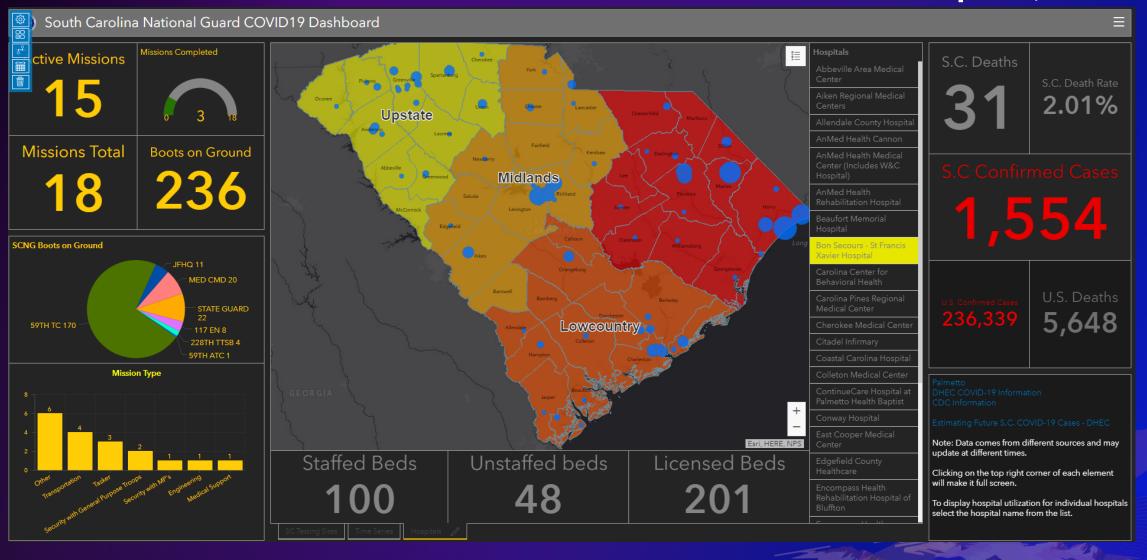
April 2, 2020





ArcGIS COVID-19 Dashboard 1.0

April 2, 2020



COVID Testing Site Suitability Analysis with Rural Health Clinics

Clarendon County

- Hospital
- + Rural Health Clinics
- DHEC Approved Testing Sites

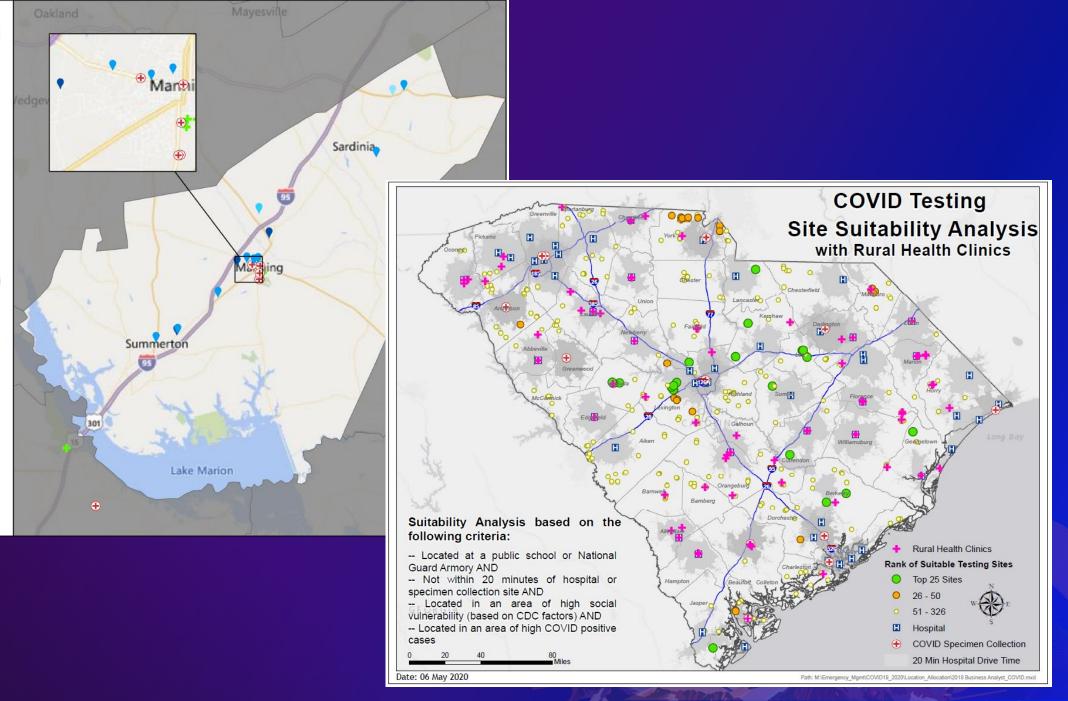
Rank of Suitable Testing Sites

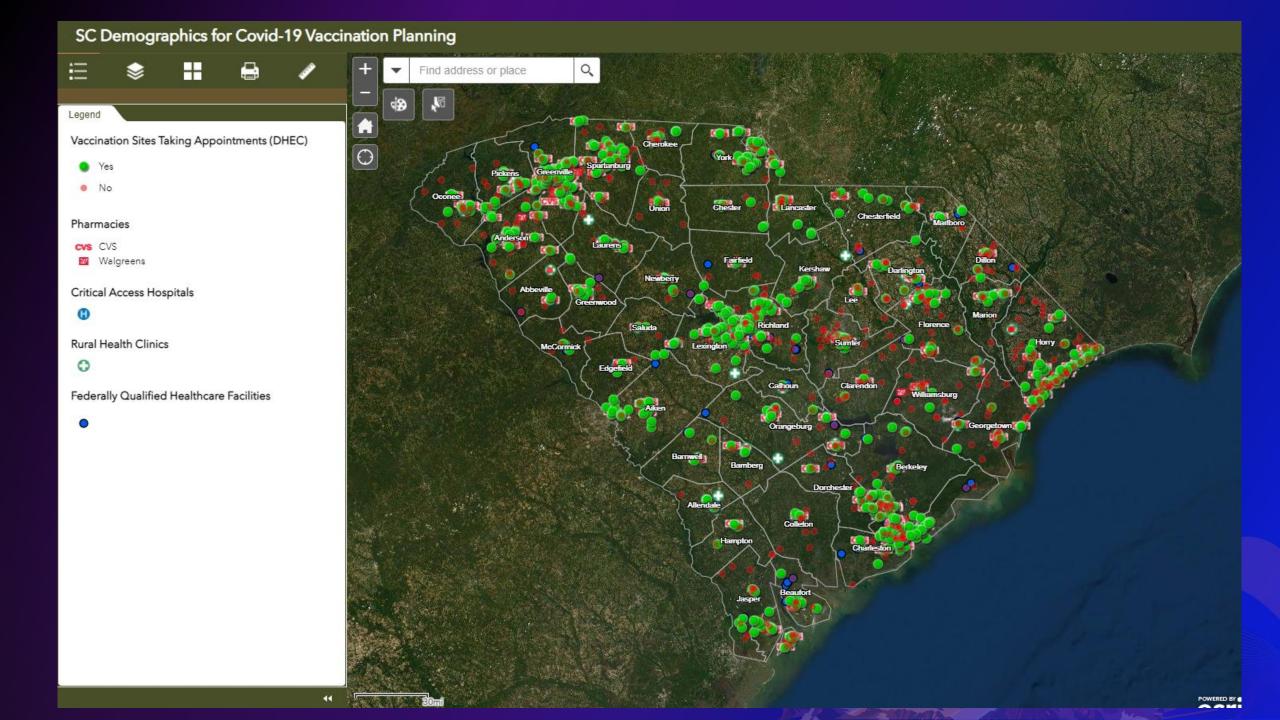
- ≤0.21
- 9 ≤0.66
- ♥ ≤0.81
- ♥ ≤0.87

Suitability Analysis based on the following criteria:

- -- Located at a public school AND
- -- Ranks based on
- --High Social Vulnerability Index (Based on CDC) -60% Weight
- -- High Covid19 cases 20% Weight
- --Not near another testing facility 20% weight

Date: 07 May 2020





Second COVID-19 Phase Data Sharing and Hospital Status

Data Sharing

- Second phase began in June 2020
- Data sharing challenges
- Data sharing solutions

Key Partners

- The SC National Guard
- SC Emergency Management Dept.
- SC Dept. of Health and Environmental Control







ArcGIS COVID-19 Dashboard 2.0

January 11, 2021



ArcGIS COVID-19 Dashboard 2.0

January 11, 2021



ArcGIS COVID-19 Dashboard 2.0

January 11, 2021

