

# Data Documentation

## Webpage 5

### Regional Data for NC

- a. **Data Source:** [Opportunity Insight](#) (Collected from [Affinity Solutions](#)) and [NCDHHS](#).
- b. **Data Description:** These graphs provide a snapshot view of consumer spending and healthcare utilization rates for different regions in North Carolina. The region definitions are derived from those reported by NC-DHHS. We combine the regions covered by the Duke Healthcare Preparedness Coalition (DHPC), the Capital Regional Advisory Committee (CapRAC) and the Mid-Carolina Regional Healthcare Coalition (MCRHC) into a new region we call Central Carolina Healthcare Region (CCHC) because the underlying regions are not contiguous. Data for healthcare utilization rates are currently only available for July and August though we will backfill early dates if data become available
- c. **Update Schedule:** daily data for consumer spending changes from Jan 17, 2020 to the most recent observation are updated weekly. Regional healthcare utilization rate from NCDHHS data are updated manually on a daily basis.
- d. **Calculation:**
  - i. Healthcare Utilization Rate for Region  $i$  = Average of {% of ICU beds occupied for region  $i$  (all patients), % of inpatient beds occupied for region  $i$  (all patients)}
  - ii. Consumer Spending Change in Region  $i$  = Population weighted average of {consumer spending change for county  $j$  in region  $i$ }