North Carolina FQHC Opportunity Identifier

What do we need this thing to do?

By analyzing particular demographic data in the “Uninsured Estimates By County” dataset for all 100 counties of North Carolina, the NC FQHC OI is able to identify opportunities for current Federally Qualified Health Centers to expand and improve the areas they care for.

What’s an FQHC and what does it have to do with our dataset?

Federally Qualified Health Centers are one of the ways uninsured people can still receive healthcare. These are different than hospitals and health departments because patients regularly can see doctors, dentists, and behavioral health experts to stay happy and healthy. North Carolina has 41 FQHCs with 216 service sites and nationally, FQHCs serve 28 million or 1 in 12 Americans. They are funded by grants and aim to serve underserved areas and populations. Like any company or organization, leaders are always looking for ways to tap into new markets and expand their business, that’s where we come in…

What data columns will we be analyzing?

* A: State Name – North Carolina
* AO: % NO ENGLISH SPEAKING ADULT IN HH
* S: % CHILD IN FAMILY
* Q: % FEMALE
* P: % MALE
* L: % AGE 0-18
* O: % AGE 50-64
* T: % SPANISH/ HISPANIC/ LATINO ORIGIN
* V: % BLACK NON LATIN ORIGIN
* W: % ASIAN/HAWAIIAN/ PACIFIC ISLANDER
* X: % AMERICAN INDIAN/ ALASKA NATIVE
* AB: % FULL TIME WORKER IN FAMILY

That sounds cool, so what are we going to use this data to communicate?

Cross referenced with the 2020 Census, we will look at averages of how many people belong to each demographic group from the columns listed above. If the % from our dataset is more than that of the state (NC) average, a suggestion shall be provided on the NC FQHC OI.

Percent Averages for each column along with each NC FQHC OI suggestion are as follows:

* A: State Name – North Carolina
* AO: % NO ENGLISH SPEAKING ADULT IN HH
  + If over 11.8%
  + Need interpretation services
* S: % CHILD IN FAMILY
  + If over 21.9%
  + Need pediatrics
* Q: % FEMALE
  + If over 51.4%
  + Need Women’s Health Specialists, OB/GYN
* P: % MALE
  + If over 48.6%
  + Need Men’s Health Specialists
* L: % AGE 0-18
  + If over 20.9%
  + Need pediatrics
* O: % AGE 50-64
  + If over 16.7%\*
  + Need Medicare Awareness
* T: % SPANISH/ HISPANIC/ LATINO ORIGIN
  + If over 9.8%
  + Need Spanish/Hispanic/Latino Providers
* V: % BLACK NON LATIN ORIGIN
  + If over 22.2%
  + Need Black Providers
* W: % ASIAN/HAWAIIAN/ PACIFIC ISLANDER
  + If over 3.3%
  + Need Asian/Hawaiian/Pacific Islander Providers
* X: % AMERICAN INDIAN/ ALASKA NATIVE
  + If over 1.6%
  + Need American Indian/Alaska Native Providers
* AB: % FULL TIME WORKER IN FAMILY
  + If over \*\*%
  + Need Extended Clinic Hours offered
* \*16.7% is amount of people 65+ which is the age Medicare begins, we use 50-64 because our dataset only has data up to that age
* \*\*% no Census data to match up, create metric denoting that if % is over NC state average (according to given dataset) that the county needs extended clinic hours offered