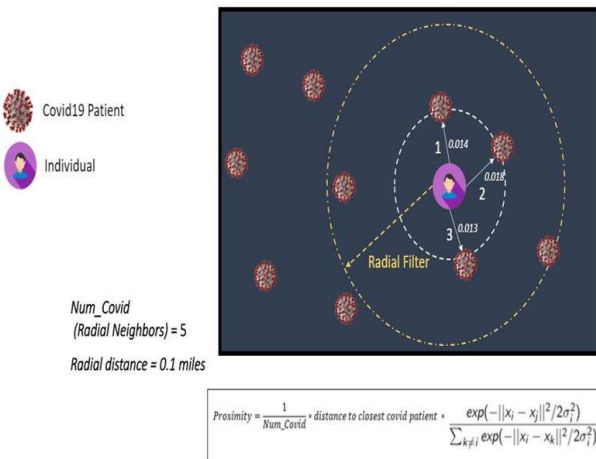


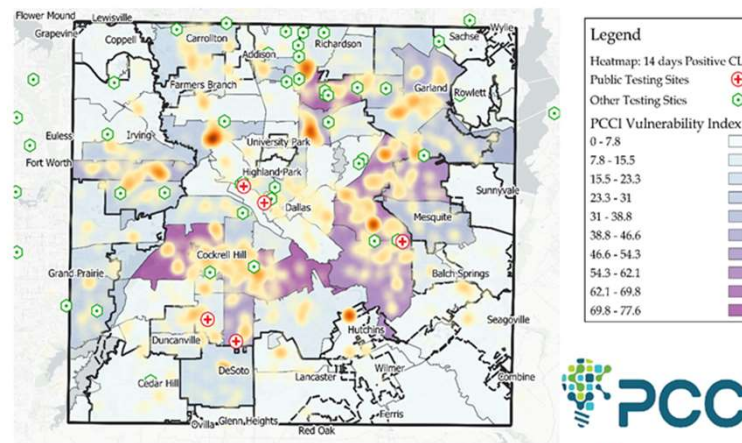
Proximity Index (PI)

- Each individual is given an Index of **High**, **Medium**, or **Low** based on 2 factors
 1. The density of COVID Positive or Presumed Cases within a radial distance of the individual home.
 2. The closeness of your nearest neighbor COVID Positive or Presumed Case.
- Each PI measures the individual's proximity to a cluster of active COVID patients with a COVID test result in the past 14 days in Dallas County.

PI Approach



VI Map



Notes:
 [1] The PCCI Vulnerability index combines demographics, COVID-19 comorbidities, and socioeconomic factors to identify COVID-19 Risk
 [2] Data sources include DF-WHC, DCHHS, US Census, and SafeGraph



PI Impact

- Since April 22, 2020 Parkland's population health team has utilized the Proximity Index to triage over 730,000 patient encounters
- High risk individuals upcoming appointments have been changed to Virtual
- Proactive screening and outreach based on Proximity Index

Vulnerability Index (VI)

PCCI's Vulnerability Index determines communities at risk by examining comorbidity rates, including chronic illnesses such as hypertension, cancer, diabetes and heart disease; areas with large density of populations over the age of 65; increased social deprivation such as lack of access to food, medicine, employment and transportation; and mobility via modeling the rate at which individuals can observe stay-at-home and social distancing measures. Historical racial/ethnic and social disparities in health are also seen with COVID-19, with Hispanic and African American neighborhoods at highest risk.

VI + PI Impact

- Patients identified as vulnerable were offered additional medical (i.e. virtual visit, medication refill assistance) and social support
- Communities, by zip-code, most at-risk were sent targeted messaging and focused outreach on COVID-19 prevention, staying safe, monitoring for symptoms, and resources for where to get tested and medical help.
- Target and tailor neighborhood responses, such as pandemic response readiness incorporating focused partnerships with local organizations based on neighborhood-specific risk profiles