

# Assessing Social Determinants of Health in COVID -19 Vaccinations - Community Outreach Project

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## Covid-19 Vaccination in populations at high risk

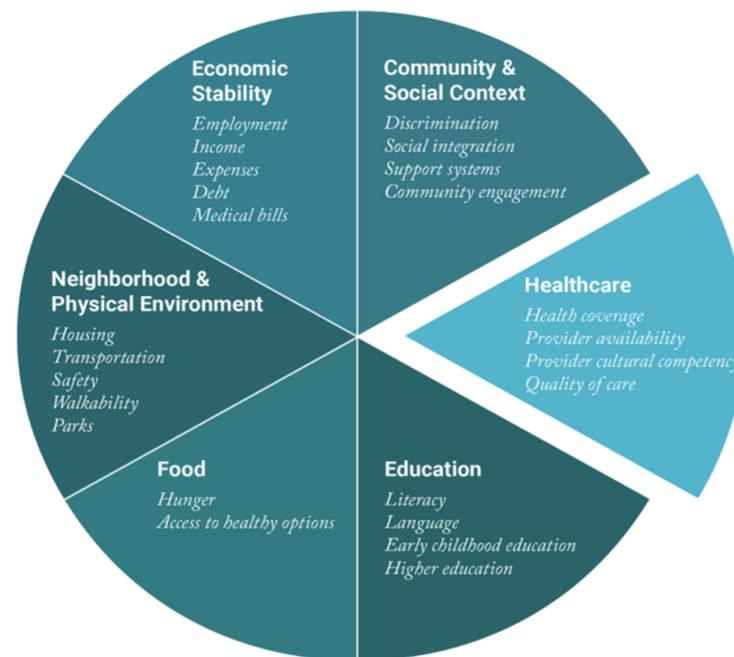
- Disproportionate risk of COVID-19 illnesses, hospitalizations and deaths is linked to systemic socio-economic disparities and resultant underlying conditions.
- Strategies to reach the underserved and marginalized populations who represent the highest risk for mortality have been only partially successful.
- An equitable COVID-19 immunization program is paramount to prioritizing these populations to receive vaccines in order to mitigate health inequities.
- Systemic social injustices and social determinants of health (SDOH) were identified as a major hurdle in equitable vaccine roll-out in our community.

## At Risk Populations

- The populations most affected by SDOH include ethnic minorities with low socioeconomic status, elderly and disabled.

## Social Determinants of Health (SDOH)

**SDOH** include economic stability, social and community context, health and access to health care, education, food, neighborhood, and built environment.



SDOH issues impact about 70% of health care outcomes which supports the argument that it's not the genetic code, it's the zip code (1).

## Methods

- Existing resources of the organization's Population Health and Community Outreach Department will be implemented.
- CDC Community-Based COVID-19 Vaccine Toolkit will be used.
- Social Determinant of Health Index (SDOHI) to target COVID-19 Vaccination to the most vulnerable will be applied.
- Vaccine adoption rate Pre-Intervention and Post-Intervention in each of the SDOH categories listed above will be measured.
- Project will be carried out during the period of September 2021 to December 2021 to achieve maximal vaccine penetration in the most vulnerable populations and the consequent dual-risk of Influenza and COVID-19 resurfacing in the community will be monitored.
- Implementation of a repeat Plan-Do-Study-Act cycle from January 2021 to March 2021 based on emerging vaccine guidelines for COVID-19.

## Objectives

- To measure vaccine acceptance and completion rate in the most vulnerable members of the community based on SDOH and implementing strategies to reduce the impact of health inequities.

## Reference

- (1) Rose, J. Contributor: It's the Zip Code, Not the Genetic Code—The Need for an Equitable Vaccination Strategy. AJMC, Feb 15, 2021