

# Cultivating Partnerships for Practice- and Policy-Relevant Health Research: Lessons Learned from the UCSF Population Health Data Initiative



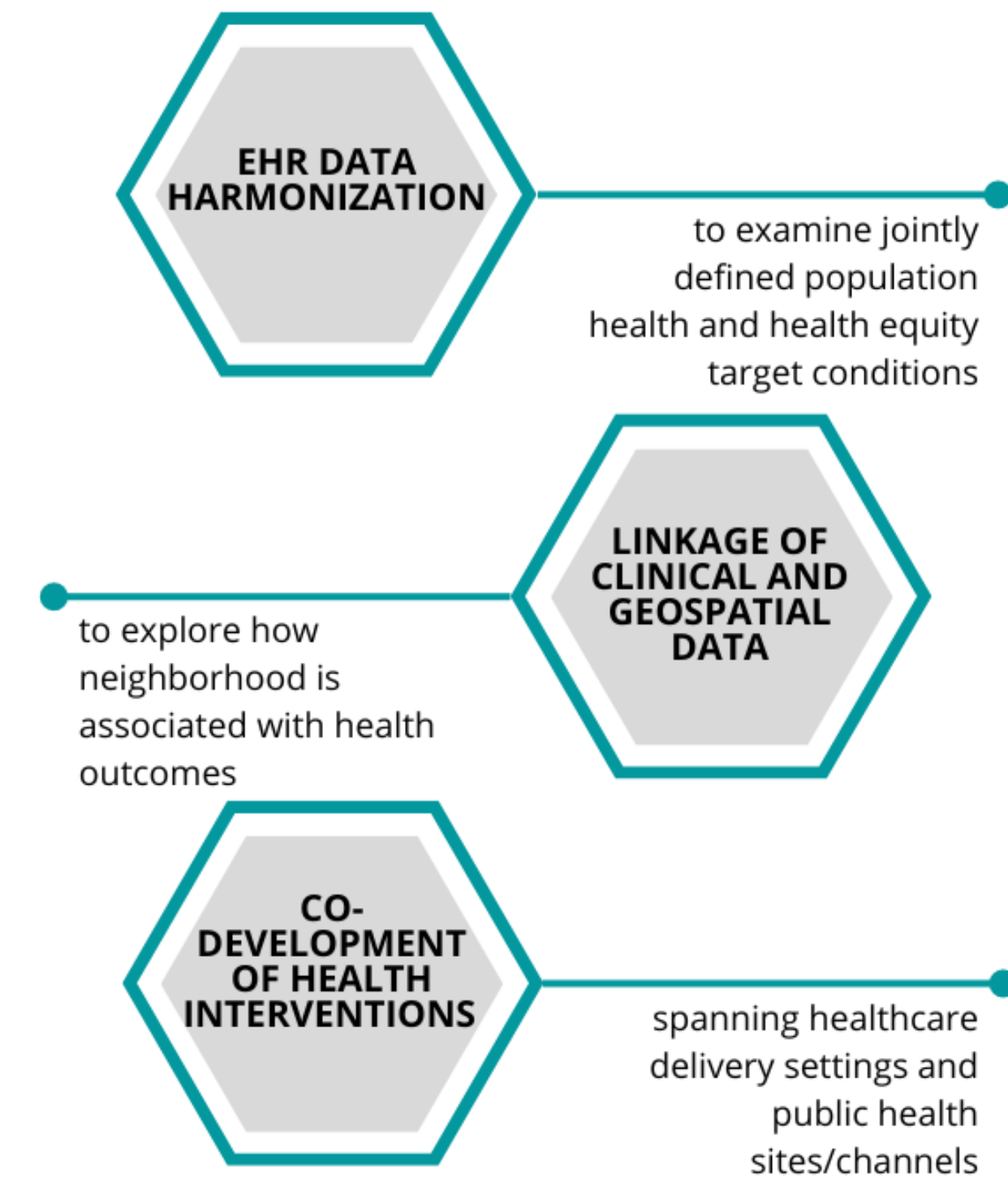
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## Background

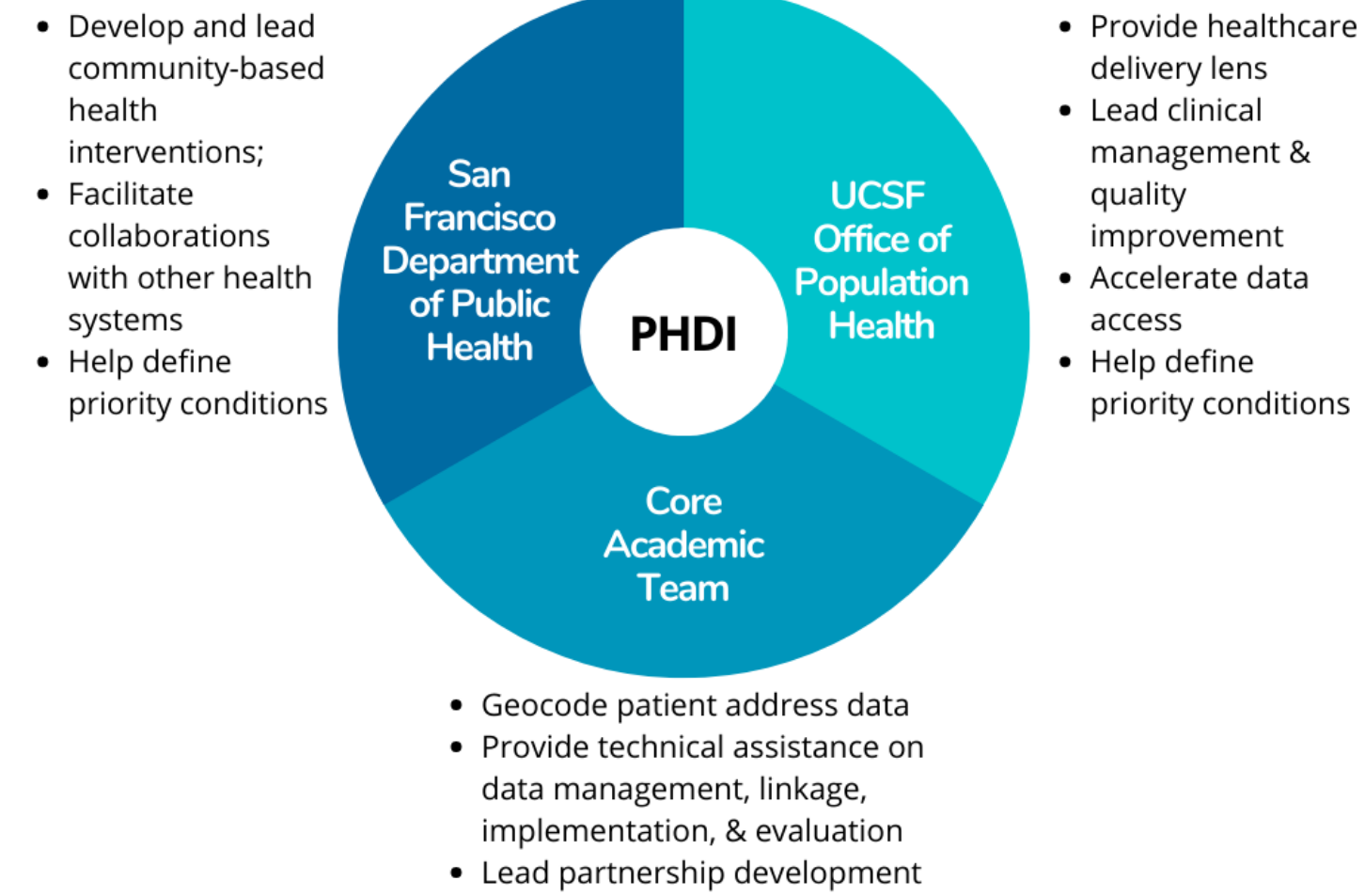
The UCSF Population Health Data Initiative (PHDI) is an applied research program with the goals of:

- 1) Informing clinical and community interventions to promote health equity
- 2) Building infrastructure for collaborations between public health and health system leadership and academic population health researchers

## Core Activities



## Ongoing Partnerships

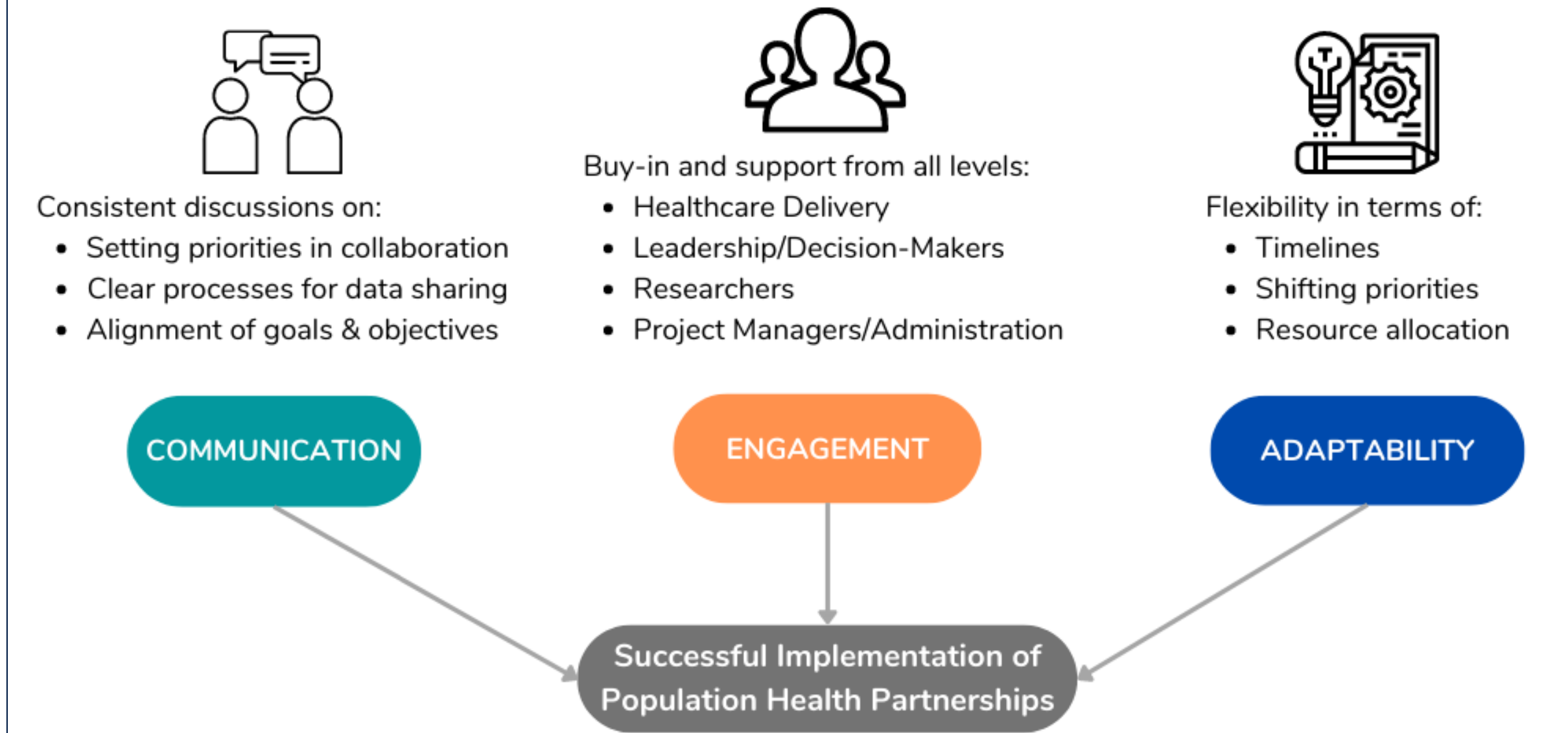


## Methods

PHDI specializes in stakeholder engagement and linkage of data sources across disciplines and organizations. For example:

- Since 2017, PHDI has regularly geocoded electronic health records made available to researchers with IRB approval and to health care systems for quality improvement
- Geocoded health record data can be linked with public neighborhood data to examine population health and health equity conditions and interventions
- In 2021, the San Francisco Department of Public Health and UCSF collaboratively launched a CDC grant on pandemic preparedness to advance health equity

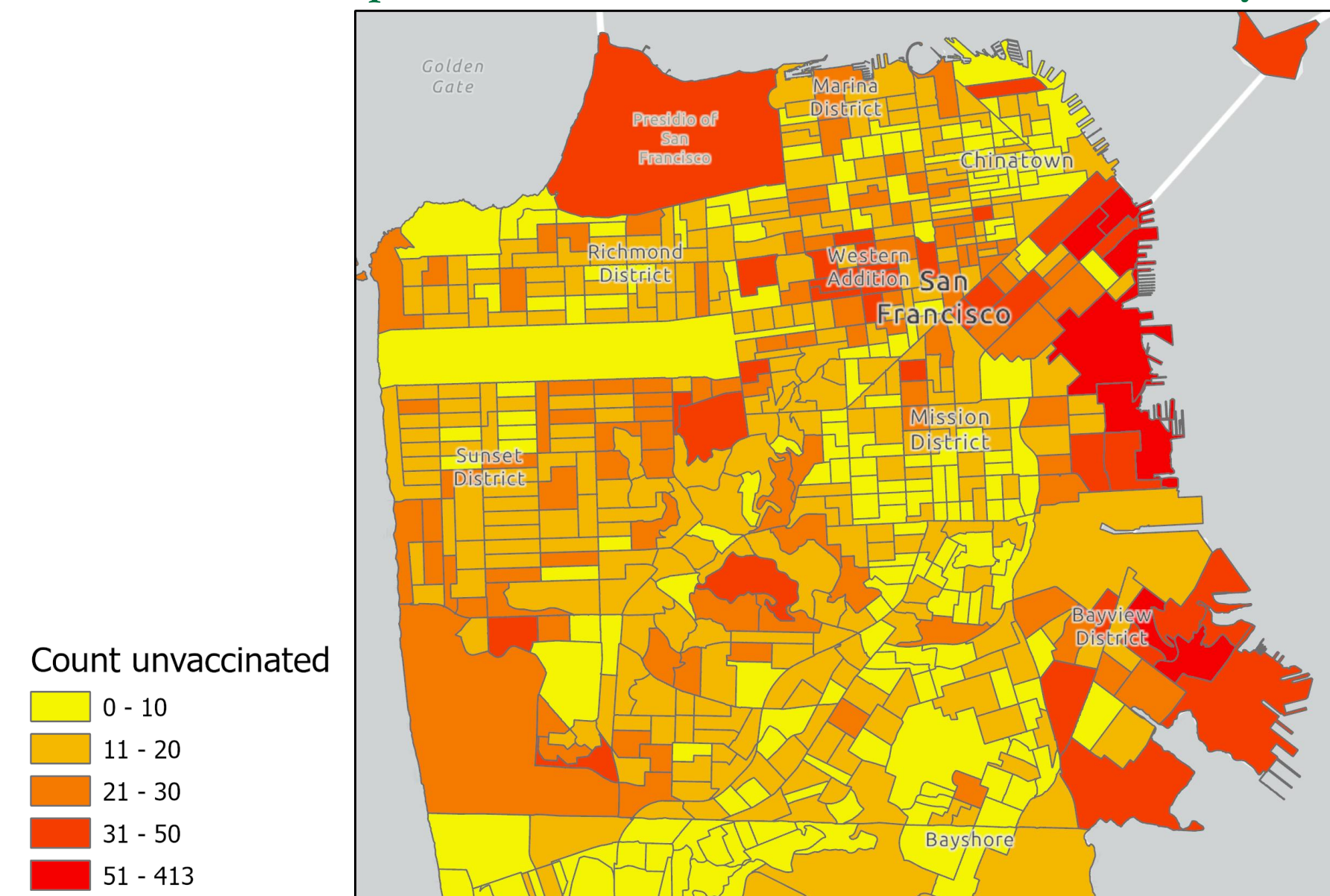
## Key Partnership Components



## Partnership in Action

- PHDI researchers partnered with faculty from the UCSF Office of Population Health (OPH) to facilitate a project using geocoded health record data to identify geospatial concentrations of UCSF patients due for COVID-19 vaccination
- Detected a multi-unit supportive housing residence with 90 unvaccinated or under-vaccinated UCSF patients, nearly all (94%) of whom were populations prioritized for equity outreach: Black and Hispanic/Latinx individuals, children aged 5-11, individuals with low income
- OPH collaborated with community partners to organize a vaccine popup, reaching 75+ patients and community members and vaccinating 21 people

Choropleth map of census tract-level counts of UCSF patients due for COVID-19 vaccination, February 2022



## Implications for D&I Science

- Insights from partnership-building experiences are relevant to communities nationally to shape our responses to public health emergencies like COVID-19 as well as long-standing population health challenges such as chronic disease
- This work highlights the importance of building trust and collaboration across community, public health, academic, and clinical partners for transforming data into action

## Acknowledgements

Thank you to our PHDI partners listed below, as well as the Black Health Initiative, Health Wise and Mercy Housing, UCSF Health's Health Equity Council, UCSF Health Department of Quality and Patient Safety, Health Equity Division



San Francisco Department of Public Health

Population Health and Health Equity



California State Parks, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, Bureau of Land Management, FPA, NPS, USDA