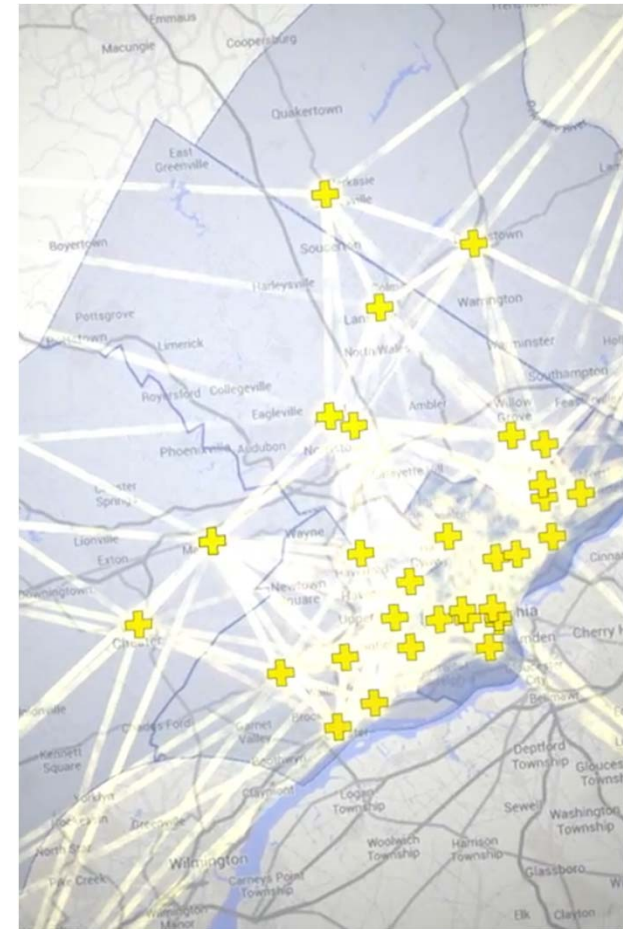






- A **non-profit** 501(c)(3) – Member-owned entity formed in May 2012
- Staff of **20 FTEs**, technology vendors, consultants, college and graduate interns, and incredible volunteerism from our members
- Current Service area and growing: **Delaware Valley, Central PA, Northeast PA and Southern NJ.**



# HSX – A Very Unique Model In The Country

- Diverse Membership – Plans and Providers
- Financially Stable and Sustainable
- Vested Membership and Community Stakeholders
- Engaged with not only Technology but also Clinical and Business Leadership
- Significant Collaboration Across Organizations/Competitors
- Positioned to Serve – A Non-Profit, Independent, Neutral Steward of Health Data



# HSX Current Membership

## Acute-Care Hospitals & Health Systems

- 50+ Hospitals

## Specialty Hospitals

- Fox Chase Cancer Center
- Physicians Care Surgical Hospital
- Rothman Orthopedic Specialty Hospital

## Post-Acute Care Facilities

- More than 60 facilities contracted

## Home Health Organizations

- Aurora Homecare & Hospice
- CareGivers America Home Health
- Jefferson Home Care and Hospice
- Maxim Healthcare Services
- Mercy Home Health
- Southeastern Home Health Services

## Behavioral Health Organizations

- Collaborative Care
- Creative Health Services
- Eagleville Hospital
- Elwyn
- Northwestern Human Services
- Springfield Psychological
- Valley Forge Medical Center

## Health Plans

- Aetna, Inc.
- Aetna Better Health
- AmeriHealth Caritas
- AmeriHealth New Jersey
- Health Partners Plans
- Independence Blue Cross
- United Healthcare
- United Healthcare Community Plan

## Clinically Integrated Networks

- Doylestown Healthcare Partnership
- Innovative Wellness Alliance

## Independent Ambulatory Practices (includes Federally Qualified Health Centers)

- More than 110 organizations contracted

## Accountable Care Organizations

- Aledade, Inc.
- Delaware Valley ACO
- Fresenius Health Partners
- Mercy Accountable Care
- Philadelphia-Camden Integrated Kidney Care
- Quality Health Alliance

## Population Health Service Organization

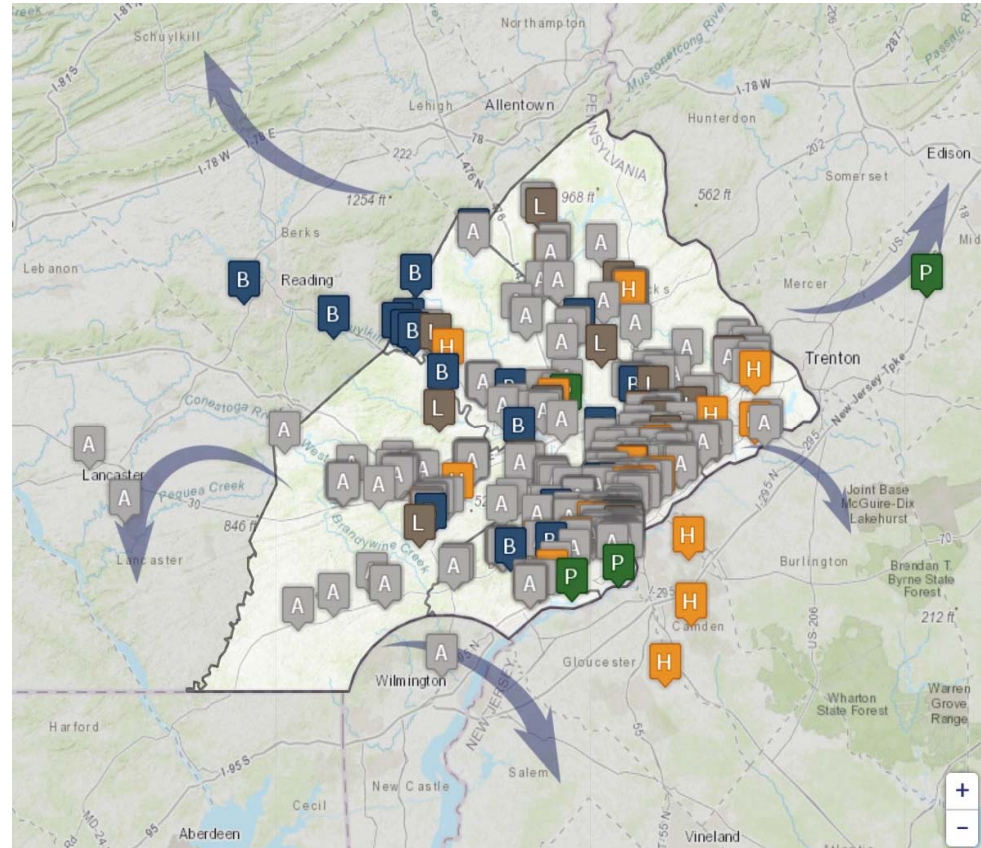
- Tandigm

## Care Management Organization

- HGE Solutions

## The Network Value Growing Each Day ...

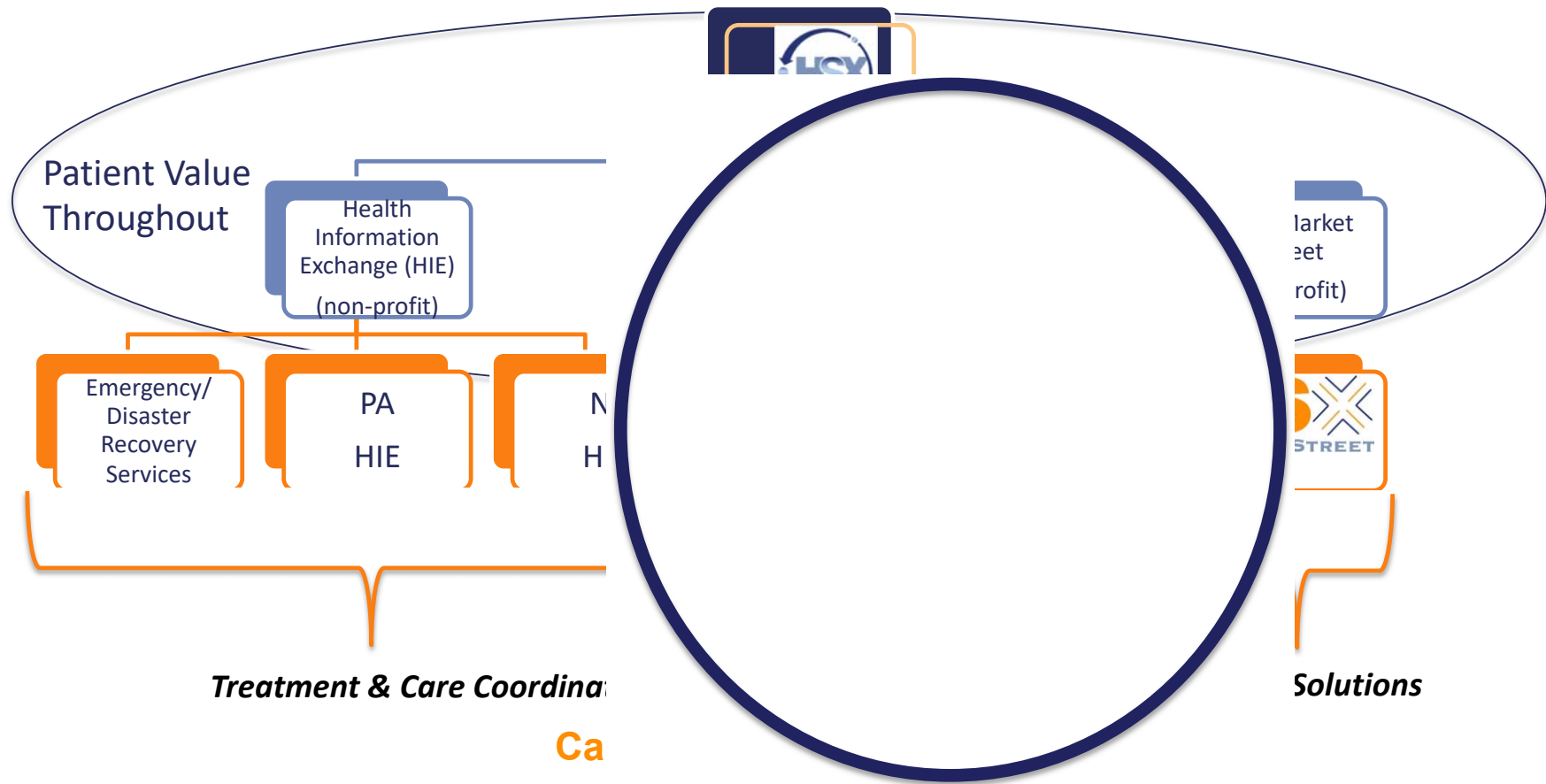
- **Over 8 million patients** in the HSX Clinical Data Repository
- **14,000+ physicians and other practitioners** in the HSX Provider Directory
- **95% messages sent** via HSX that are inter-health system
- **4+ million patients tracked** using HSX Encounter Notification Service (ENS)
- **300+ participating facilities:** hospitals, health plans, and other provider organizations



- *Service coverage expanding as current members and participants become connected.*

# HSX 3.0 Business Plan– A Collaboration Platform

## Three Business Areas





A close-up photograph of a healthcare professional wearing blue scrubs. A silver stethoscope with blue tubing is draped around their neck. They are holding a white clipboard with their hands, which are slightly out of focus. The background is a soft, out-of-focus light blue.

# **HSX Population Health Program**

# HSX Population Health Program Goals

- Develop programmatic infrastructure and projects to **support quality population health programs.**
- Establish a sustainable **business model** with ongoing revenue streams.
- Become the pre-eminent **trusted source of population health data** for stakeholders within the region.
- Build the **technical capabilities** to become a leader in population health reporting, analysis, and data-based interventions.







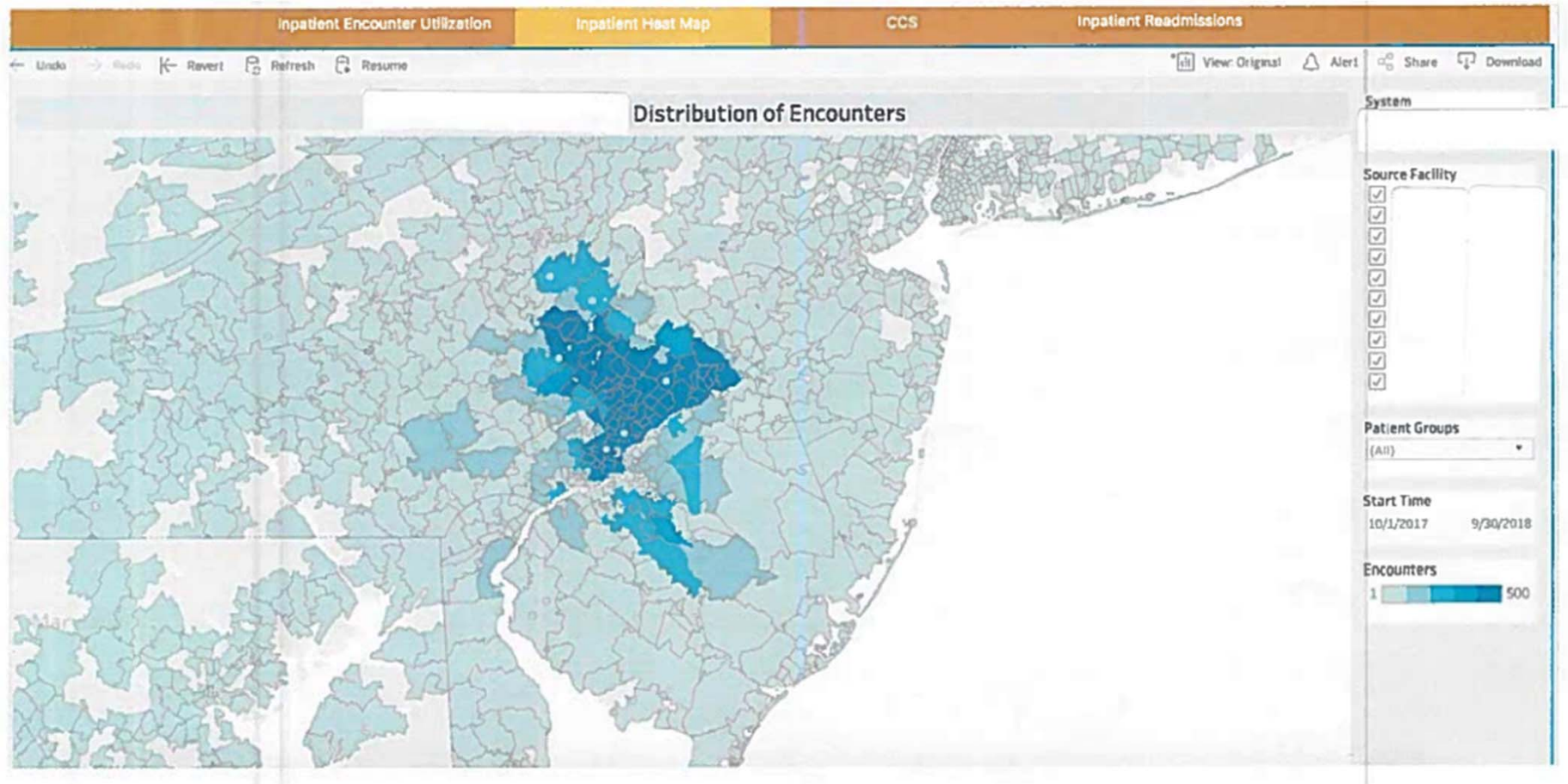
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**HSX**

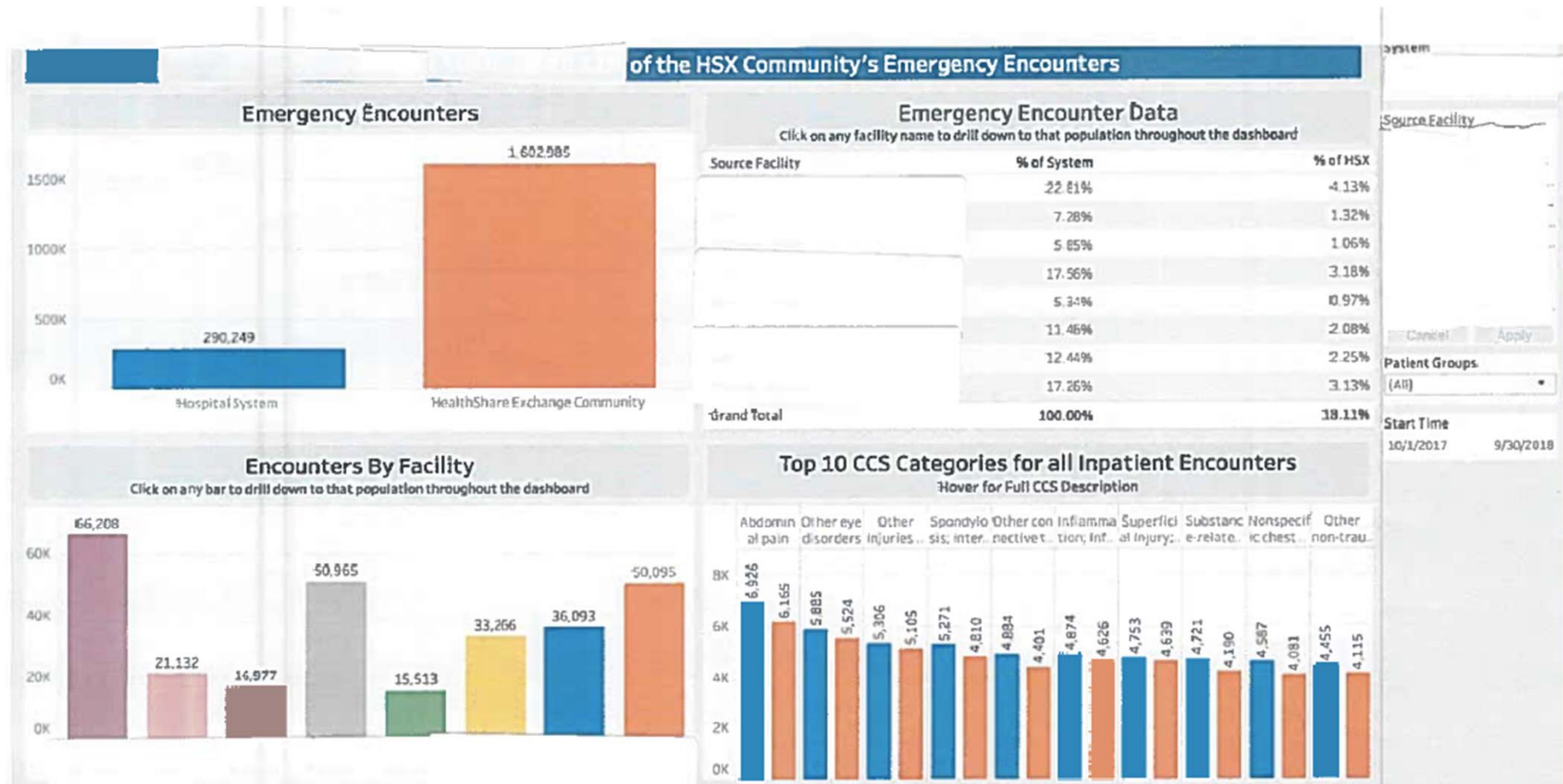
**GRID**

**GATHER | REPORT | IDENTIFY | DETERMINE**

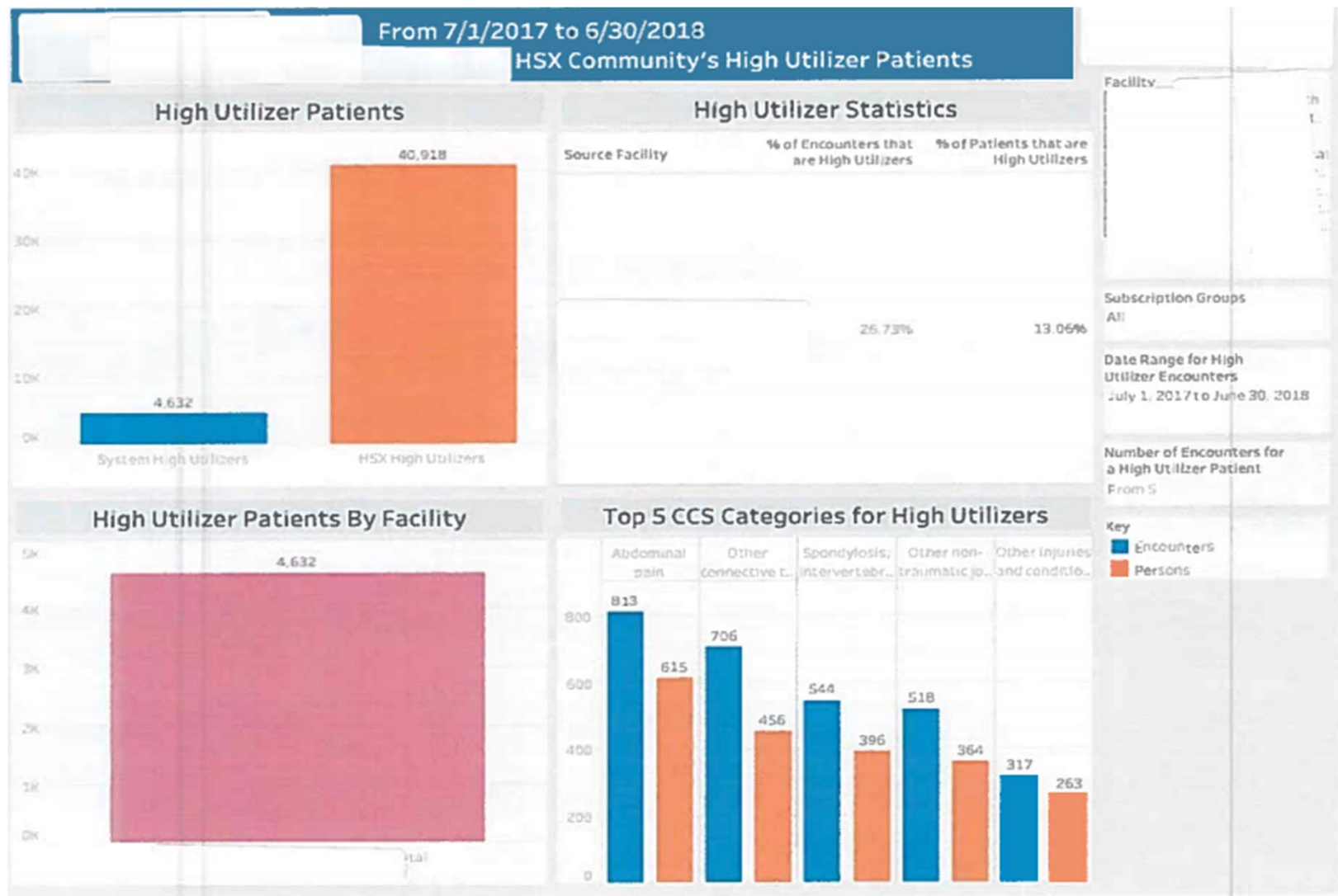
# Health System Heat Map



# Health System Emergency Utilization

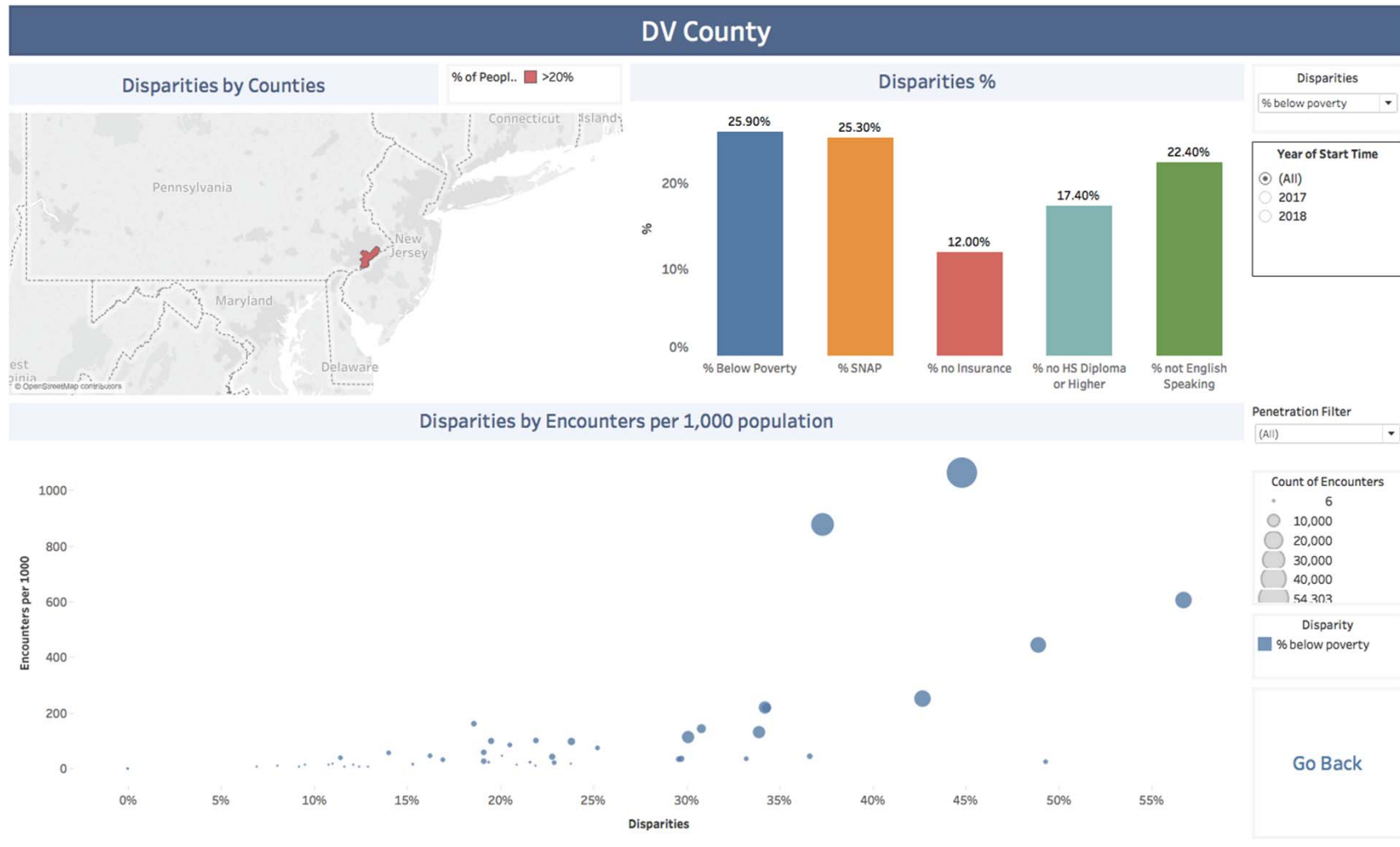


# High Utilizers Report: Sample Hospital





# Social Determinants of Health Data



**Disparities by Encounters per 1,000 population**

**Penetration Filter**

(All)

**Count of Encounters**

6

10,000

20,000

30,000

40,000

54,303

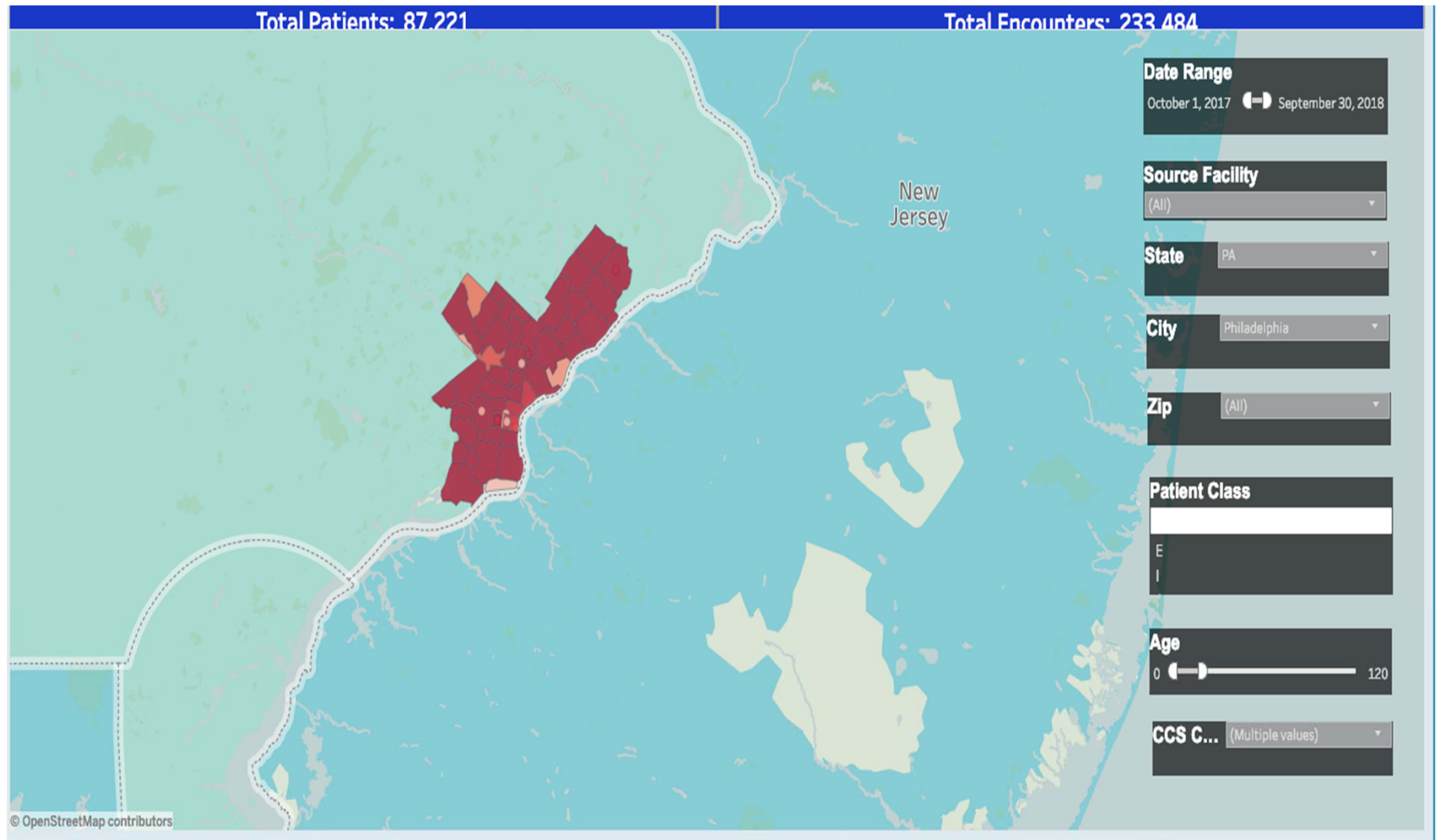
**Disparity**

■ % below poverty

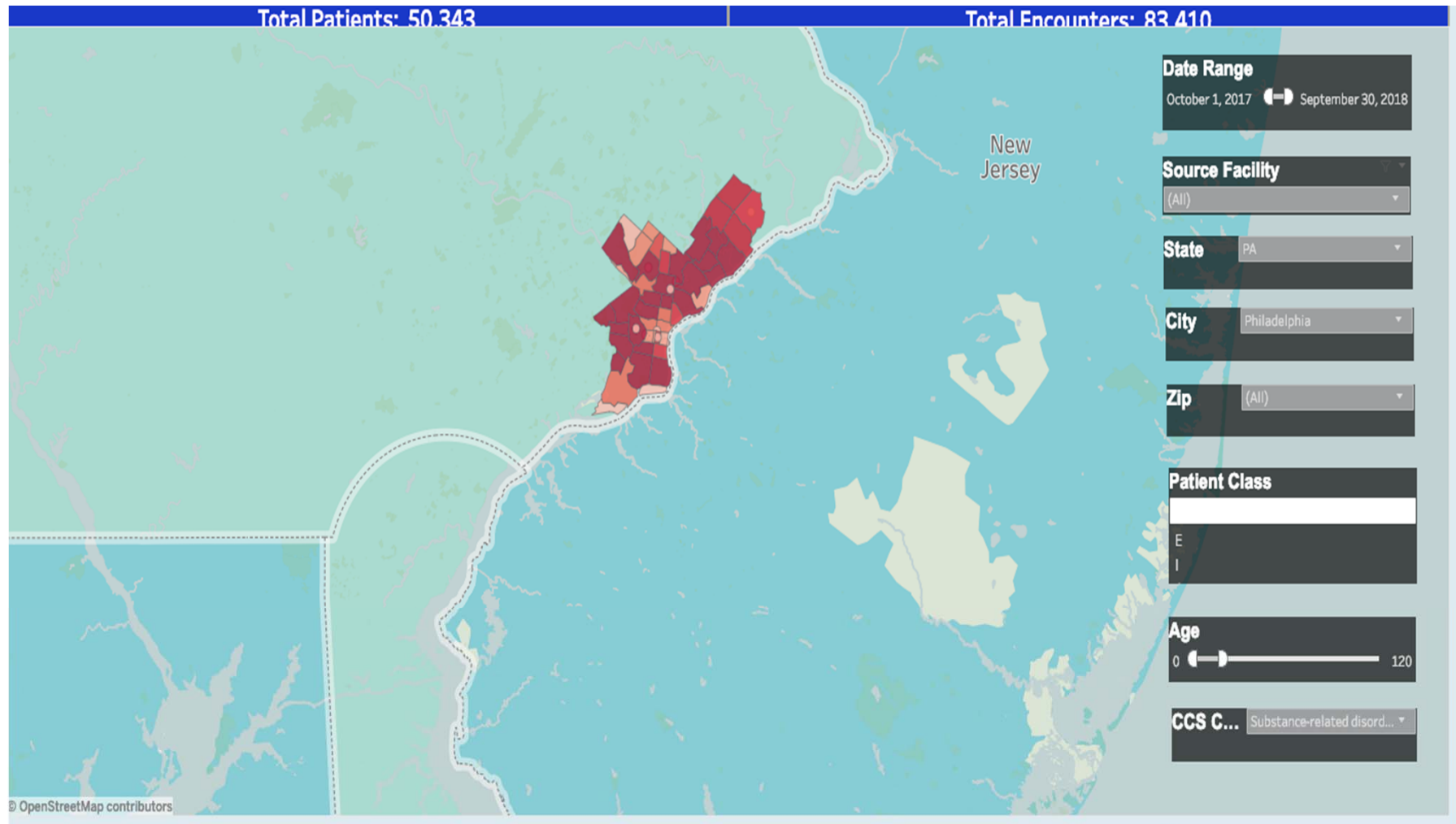
[Go Back](#)



# Philadelphia Patient Registry with Diabetes



# Philadelphia Patient Registry with Substance Use Disorders



# HSX Population Health Programs

# CIC-START Grant Recipient



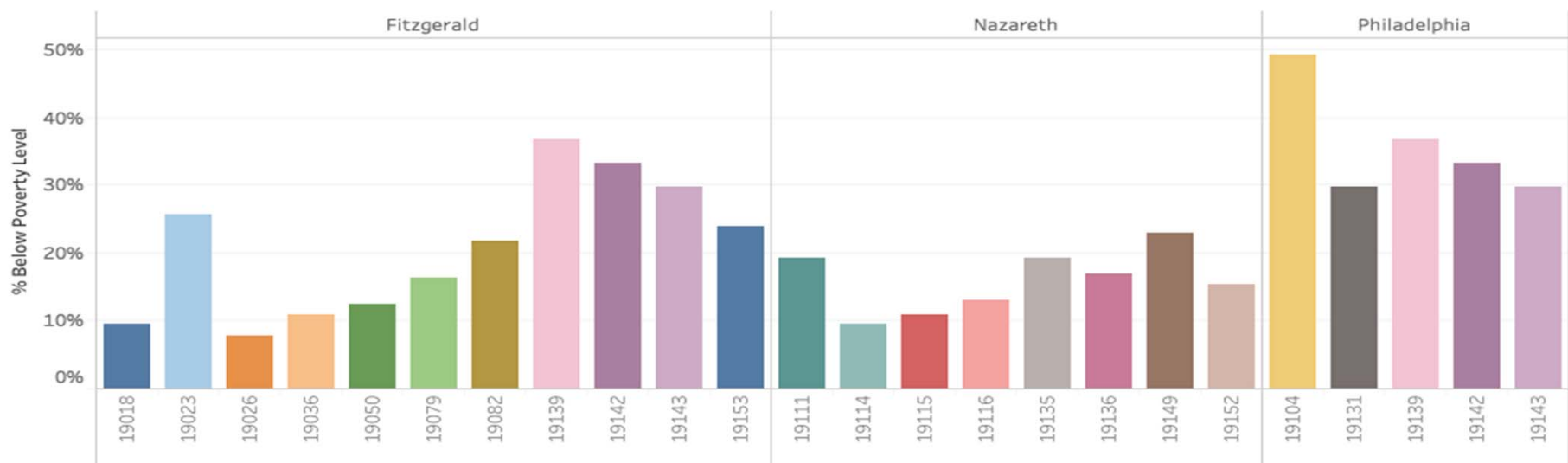
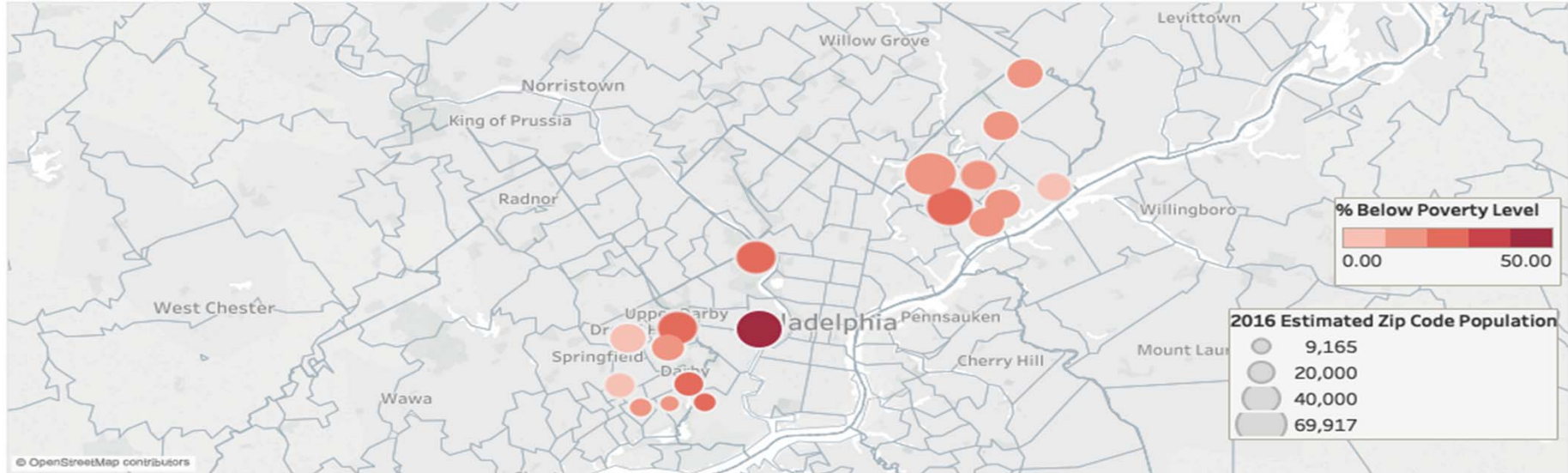
- **HealthShare Exchange “CIC-STARTS” its Efforts to Share Data to Improve Health**
- *Data Across Sectors for Health selects HSX as one of sixteen CIC-START awardees embarking on innovative projects to share multi-sector data*
- HSX partners with Mercy Health System, Benefits Data Trust and Pennsylvania Department of Aging’s Pharmaceutical Assistance Contract for the Elderly (PACE) to:
  - Identify and connect uninsured and underinsured older adults in southeastern PA with community assistance programs.



# Mercy Health System Service Area and Poverty Level



Mercy Health System Service Zip Codes





# 2019 Regional Community Health Needs Assessment

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- Partnership with the Philadelphia Department of Health to support the Regional Community Health Needs Assessment:
  - Emergency Department (ED) Utilization for Southeastern PA
    - High Utilizer Report by Zip codes- 5 ED visits/year or 10 ED visits/year
  - Regional Inpatient Readmission Report



# HSX and MANNA Partnership

- Nutritional support is fast becoming one of the most **recognized social determinants for success** of medical care.
- MANNA joins HSX as a **participating member** – June 2018
  - First **non-medical, community healthcare services organization** to begin accessing health information with HSX
  - MANNA dietary staff begins incorporating client updates and look-ups into **daily workflow**



## AHA-ADA 3-Year Partnership

# Know **Diabetes** by Heart™

*Our Collective Purpose: Reduce CV death and incidence of heart attacks and strokes in people living with diabetes.*

Bolster  
Science



Clinical  
Quality  
Improvement



Health  
Technology  
Solutions



Professional  
Outreach



Patient Support  
& Education



Consumer  
Activation  
Campaign



Policy  
Agenda



Strategic  
Alliances



Community Engagement

Science Drives All Activities



# Know **Diabetes** by **Heart**™

New partnerships focused on regional impact in the Mid-Atlantic are engaging leading health systems and organizations to improve CV and diabetes outcomes in large populations...

## Health System Partners



## Academic Partner



And facilitate multiple interventions to achieve KDBH goals, such as...

- Improving adherence and guideline-based Rx
- Bringing diabetes management expertise to cardiology practices
- Improving data systems to identify and act on high-risk populations

## Data Partner



Know **Diabetes** by **Heart**™

FOUNDING SPONSORS



NATIONAL SPONSORS



# Steps for Future Growth

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**Grow Service Types-** Expand to include Consumer Facing Services

**Grow Capabilities-** Add Risk Scoring and Predictive Analytics

**Grow Programs-** Supporting HSX Member  
Population Health Initiatives

**Grow the GRID-** More  
Clinical/Financial/SDoH Data







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- [Harm.scherpbier@healthshareexchange.org](mailto:Harm.scherpbier@healthshareexchange.org)
- 484-568-3420

# Thank You!

## **HealthShare Exchange**

1801 Market Street, Suite 750

Philadelphia, PA 19103 [www.healthshareexchange.org](http://www.healthshareexchange.org)

Cherry Hill Plaza

1415 Marlton Pike East, Suite 205, Cherry Hill, NJ 08034

## **Population Health Program**

<https://www.healthshareexchange.org/population-health-program>

