Health Data for New York City

An innovative collaboration for health equity research between a city health department and local academic institutions

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Commitment to Health Equity

Health Department

- Programs & policy
- Data
- Navigating bureaucracy

Academic Institutions

- Advanced methods
- Multiple disciplines

Commitment to Health Equity

Bureau of Epidemiology Services
Our Aims

1. Promote careers of diverse early- and mid-career academic and applied public health researchers
2. Produce actionable, policy-relevant research
3. Advance health equity
Academic Affiliations

- Columbia University – Medical Center, School of Public Health
- City University of New York – School of Public Health
- Long Island University – School of Business (Brooklyn Campus)
- Memorial Sloan Kettering Cancer Center
- Mount Sinai – Medical Center, School of Medicine
- NYC Health + Hospitals - Elmhurst Hospital
- NY State Psychiatric Institute
- Rutgers University – School of Public Health
- SUNY Downstate – School of Public Health
- Weill Cornell
- Yeshiva University - Albert Einstein College of Medicine
Health Department Affiliations

- Center for Health Equity and Community Wellness – Bureau of Equitable Health Systems
- Disease Control – Bureau of HIV
- Environmental Health – Bureau of Environmental Disease and Injury Prevention
- Epidemiology – Bureau of Epidemiology Services, Bureau of Vital Statistics
- Family and Child Health
- Mental Hygiene – Bureau of Children, Youth and Families
Fostering a culture of collaboration

Multidisciplinary investigators

Infrastructure support

Group cohesion
Getting to the Policy Relevant Research Question

Working Group Discussions
- Interest in Smoking
- Health Survey Data
- Machine learning expertise

Meeting with Health Department Program
- Investigator ideas
- Health Department Program interest

Refined Research Question
- What are the health and economic impacts of a menthol ban?
Marginalized Populations

- Bullying and health among NYC high schoolers at the intersection of race and sexual orientation
- Impact of individual- and neighborhood-level police exposure on health
- Health and economic impact of a potential menthol ban in NYC

Birth and Childhood Equity

- Utilization of health care before, during, and after pregnancy among immigrant mothers in NYC
- Socioenvironmental and housing factors related to asthma exacerbation among children in NYC
- Health care access among children in immigrant households in NYC

Bureau of Epidemiology Services
Subgroup Spotlight: Stigma & LGBTQ Youth Health

Bullying and health among NYC high schoolers at the intersection of race and sexual orientation

Stakeholders engaged:
- Department of Education LGBT Liaison
- Department of Education health coach
- LGBTQ youth-serving organization/service provider

GSA clubs (in remote/hybrid learning environment)

Respect for All Liaisons & reporting systems

Out for Safe Schools

NYC Department of Education

HMI

Bureau of Epidemiology Services
Subgroup Spotlight: Maternal and Infant Health

Utilization of health care before, during, and after pregnancy among immigrant mothers

Collaborator: Senior Research Analyst from Bureau of Maternal, Infant & Reproductive Health

2 stakeholder consultation sessions so far with:
• CBOs serving women in NYC immigrant communities
• Mayor’s Office of Immigrant Affairs
• New York Immigration Coalition
• Birth Justice Defenders (CHWs)
• Bronx Health Action Center

R01 application: Can community-based doula care for women delivering at Elmhurst and Queens Hospitals reduce health disparities?
## Evaluating HD4NYC

<table>
<thead>
<tr>
<th>Appropriateness</th>
<th>Effectiveness</th>
<th>Efficiency</th>
<th>Impact</th>
<th>Sustainability</th>
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<td>Did we meet the career development needs of Investigators?</td>
<td>What external &amp; institutional factors impacted the program?</td>
<td>Did we streamline and facilitate data access?</td>
<td>Does HD4NYC produce research that is relevant to policies that affect equity</td>
<td>Does HD4NYC result in health equity research collaborations outside of or continuing after the program?</td>
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Evaluating HD4NYC

“Participating in HD4NYC has been one of the most rewarding experiences during my three years at [the Health Department].”
– Health Department Investigator

“Working directly with [Health Department] staff has provided me with valuable insight into how data are put into use for public health programming.”
– Academic Investigator
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