The City Health Dashboard: *City-level measures of health, health determinants and equity to foster population health improvement*

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*September 18, 2018*
Why city- and community-level data?

• Where (much) change happens

• Geographic specificity
City Health Dashboard: 
Empowering Cities To Create Thriving Communities

36 measures of health, the factors that shape health, and the drivers of health equity to guide local solutions for 500 U.S. cities
End-User Collaboration: Creating An Easy-To-Use, One-stop Resource

- Measure selection
- Website development
- Initial implementation and user testing
Measure Selection Criteria

- National datasets
- Rigorous methods underlying original data collection
- Reflect public health priorities
- Amenable to city-level intervention
- Updated regularly
- Balanced across 5 over-arching domains
# Measures by Category

## Clinical Care
- Prenatal care: NVSS
- Primary care physicians: AMA
- Preventive services: 500 Cities (BRFSS)
- Dental care: 500 Cities (BRFSS)
- Uninsured: 500 Cities (BRFSS)

## Health Behaviors
- Teen births: NVSS
- Smoking: 500 Cities (BRFSS)
- Binge drinking: 500 Cities (BRFSS)
- Physical inactivity: 500 Cities (BRFSS)

## Physical Environment
- Air pollution - particulate matter: ALA
- Park access: ParkServe®
- Walkability: WalkScore®
- Limited access to healthy foods: USDA
- Housing with potential lead risk: ACS
- Lead exposure risk index: ACS

## Health Outcomes
- Breast cancer deaths: NVSS
- Premature deaths (all causes): NVSS
- Cardiovascular disease deaths: NVSS
- Low birthweight: NVSS
- Colorectal cancer deaths: NVSS
- Obesity: 500 Cities (BRFSS)
- Diabetes: 500 Cities (BRFSS)
- High blood pressure: 500 Cities (BRFSS)
- Frequent physical distress: 500 Cities (BRFSS)
- Frequent mental distress: 500 Cities (BRFSS)
- Opioid overdose deaths: NVSS

## Social and Economic Factors
- Absenteeism: NCES/Civil Rights
- Third-grade reading proficiency: State data
- High school graduation: State data
- Children in poverty: ACS
- Income inequality: ACS
- Neighborhood racial/ethnic segregation: ACS
- Racial/ethnic diversity: ACS
- Housing cost, excessive: ACS
- Unemployment: ACS
- Violent crime: UCR
Demo

www.cityhealthdashboard.com
Early uptake

- **Waco, TX**
  - Prosper WACO
  - Community health workers used Dashboard data to pinpoint leading health and social service needs in their individual catchment areas to target programming and services to residents.

- **Providence, RI**
  - Healthy Communities Office
  - Focused attention on identifying barriers and opportunities for increased walking and biking for grant to improve street safety and physical activity among residents in specific neighborhoods.
A Powerful Tool for Change

- Illuminate health and social determinant drivers at city and neighborhood levels
- Foster priority-setting: where & on what to focus
- Explore relationship of determinants and health outcomes
- Filter to find peer comparison cities
- Identify best practices and resources for driving change across communities
Tailored support for specific goals or initiatives

- City-level, regional or issue-oriented efforts
  - Linking to local, administrative, and other data sources
  - Supplemental, customized analyses
  - Additional geographic breakdowns & disaggregations
  - User-driven visualizations (charts, graphs, maps, etc.)
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