



Community-level Data on Social Determinants and Health Outcomes

The material that accompanies this working document was produced through a data inventory undertaken by Community Science, Inc., for the National Partnership for Action to End Health Disparities (NPA) led by the Office of Minority Health in the Office of the Assistant Secretary for Health (OMH/OASH). The goals of the inventory were to: 1) assess and document the community-level data (i.e., data that can be disaggregated by city, county, neighborhood, or zip code) available from state agencies and organizations on social determinants and health outcomes; and 2) share this information with NPA community partners (e.g., Regional Health Equity Councils [RHECs]) to make it easier for them to know what data are available and how to access the data.

The inventory primarily focuses on state sources because:

- Data for the current year from national sources (e.g., U.S. Census Bureau) are generally not available until several years later;
- Data from state sources are likely to be available sooner and are frequently available for measures that are not usually included in national data sources;
- An inventory of state sources is a more manageable task than an inventory of data from the large number of counties, cities, and other local jurisdiction that may also collect and store data.

The inventory started with the social determinants of health and health outcomes included in the National Stakeholder Strategy for Health Equity and in the Centers for Disease Control and Prevention's (CDC) Health Disparities and Inequalities Report.¹ Community Science and OMH/OASH discussed and prioritized the list of social determinants of health and health outcomes to be included in the inventory (see list at the end of this narrative). For each measure, information was sought about the smallest geographic unit and most recent year for which data were available and whether or not the data can be disaggregated by race, ethnicity, gender, age, disability status, primary language, and sexual orientation and gender identity.

Community Science attempted to locate the data through contacts with State government staff and through searching the World Wide Web. **Community Science recognizes that the search may not be sufficiently thorough to surface data that were not easily available, and welcomes information about additional state sources that should be included in the accompanying materials. For questions or to share information about additional state sources, please contact Abigail Baum, Community Science, 301-519-0722, ext. 121 or abaum@communityscience.com. Community Science is also working with OMH/OASH to determine other critical social determinants of health and health outcome measures that should be explored.**

While the inventory focused on state sources, it would be helpful for NPA partners to also have information about certain key national sources; the accompanying material includes this information.

¹ CDC Morbidity and Mortality Weekly Report, Supplement, Vol. 60, January 14, 2011

List of Measures Sought

Social Determinants of Health

Education

Educational Attainment

- High school graduation rates
- High school dropout rates
- Highest level of education that an individual has completed
- # of diploma recipients, # of other high school completers
- High school equivalency recipients
- Averaged freshman graduation rates
- % of persons aged 16-19 years not enrolled, not high school graduates
- Post-secondary education enrollment/plans

Jobs

Labor Market Turnover

- Unemployment rates
- Underemployment rates
- Labor force participation rates

Access to Health Care

Screening Rates

- % of early periodic screenings (Early Periodic Screening, Diagnosis and Treatment (EPSDT) as defined in the Medicaid program)
- % of people reporting receiving colorectal cancer screenings

Immunizations Rates

- % of people reporting influenza vaccination coverage
- % of children aged 19-35 months completely immunized

Distribution of Health Care Providers

- Total number of nonfederal MD/DOs in primary care
- Total number of nonfederal MD/DOs in family practice
- Total number of nonfederal MD/DOs in general practice
- Total number of nonfederal MD/DOs in internal medicine
- Total number of nonfederal MD/DOs in OB/GYN
- Total number of nonfederal MD/DOs in pediatric primary care practice
- Total # of oral health care providers
- Total # of mental/ behavioral health care providers
- Provider-to-population ratios - mental/behavioral health care services
- Measures of availability of services for older adults

Interpreter Training/Certification

- % of interpreters certified by training entities that comply with the codes of ethics and standards for training and practice

Race/Ethnicity of Provider Staff-to-Population Ratios

- Race/ethnicity staff-to-population ratios for primary care
- Race/ethnicity staff-to-population ratios for family practice
- Race/ethnicity staff-to-population ratios for general practice
- Race/ethnicity staff-to-population ratios for pediatric practice
- Race/ethnicity staff-to-population ratios for internal medicine
- Race/ethnicity staff-to-population ratios for OB/GYN
- Race/ethnicity staff-to-population ratios for medical and surgical subspecialties

Health Outcomes

Mortality and Disease

- Infant/Maternal mortality
- Cardiovascular disease
- Cancer
- HIV/AIDS
- Diabetes
- Chronic lower-respiratory disease
- Kidney disease
- Arthritis

Violence

- For violence and trauma look for homicide and suicide rates
 - Homicide rates
 - Suicide rates

Behavioral health

- Binge drinking
- Cigarette smoking
- Illegal drug use
- Sexual behavior (note that these categories were taken from the Youth Risk Behavior Surveillance System Survey though we are interested in other data sources on these for different age groups if available)
 - Condom use
 - Any contraceptive use
 - Forced sexual intercourse
- Other measures available

Oral Health

- Adults over age 18 who have visited a dentist or dental clinic in the past year
- Percent of students with untreated tooth decay
- Adults over age 65 who have lost 6 or more teeth
- Obesity

REGION 2

New Jersey

This is a list of measures for which community-level data are available from state sources. Such data were not available for the remaining measures from the initial list of 52 measures included at the beginning of the packet. If you are aware of additional state sources for these measures as well as the other measures for which data were not found, please contact Abigail Baum at abaum@communityscience.com or 301-519-0722, ext. 121.

Measure	Frequency of reporting	Most recent data collected (as of December 2011)	Smallest geographic unit at which data are available	Are data broken down by...					Website link or information on how to access data
				Gender?	Race?	Hispanic origin?	Rural vs. urban?	Age?	
Social Determinants of Health									
High school dropout rates	Collected every year	2010	School	X	X		X		http://www.state.nj.us/education/data/
High school equivalency recipients	Collected every year	2010	School	X	X		X		http://www.state.nj.us/education/data/
High school graduation rates	Collected every year	2010	School	X	X		X		http://www.state.nj.us/education/data/
Post-secondary education enrollment plans	Collected every year	2010	School	X	X		X		http://www.state.nj.us/education/data/
Labor force participation rates	Collected monthly	2011	County				X		http://lwd.state.nj.us/labor/lpa/tools/data_tools_index.html
Employment/unemployment rates	Collected every year	2012	County						http://lwd.state.nj.us/lpaapp/app?service=page&page=LaborForce

New Jersey

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				Gender?	Race?	Hispanic origin?	Rural vs. urban?	Age?	
Health Outcomes									
Infant/Maternal mortality	Missing/unable to determine	2007	County				X		http://www4.state.nj.us/dhss-shad/indicator/index/Introduction.html
Cancer-incidence	Missing/unable to determine	2008	County				X		http://www4.state.nj.us/dhss-shad/indicator/index/Introduction.html
HIV/AIDS-incidence	Missing/unable to determine	2011	County	X	X		X	X	http://www4.state.nj.us/dhss-shad/indicator/index/Introduction.html

New York

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Social Determinants of Health									
Employment/unemployment rates	Collected monthly	2000	County	X	X		X		http://labor.ny.gov/stats/LSLAUS.shtm
Average freshman graduation rate	Collected every year	2010	School				X		https://reportcards.nysed.gov/
High school dropout rates	Collected every year	2010	School				X		https://reportcards.nysed.gov/
High school graduation rates	Collected every year	2010	School				X		https://reportcards.nysed.gov/
Number of diploma recipients/number of other high school completers	Collected every year	2010	School				X		https://reportcards.nysed.gov/
Post-secondary education enrollment plans	Collected every year	2010	School				X		https://reportcards.nysed.gov/
Employment/unemployment rates	Collected monthly	2011	City				X		http://labor.ny.gov/stats/LSLAUS.shtm

New York

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Health Outcomes									
HIV/AIDS-incidence	Collected every year	2011	County	X	X		X		http://www.health.ny.gov/statistics/

Virgin Islands

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Social Determinants of Health									
Employment/unemployment rates	Collected monthly	2011	Territory						http://vidol.virtuallmi.com/analyzer/session/session.asp?CAT=HST_EMP_WAGE_LAB_FORCE