New York State 2017 Health Equity Report

Identifying New York State Minority Areas to Assess Health Disparities

May 22, 2017

What is a Minority Area?

Public Health Law §240(2) defines a Minority Area as:

"…a <u>county</u> with a non-white population of forty percent, or more, <u>or the service area</u> of an agency, corporation, facility or individual providing medical and/or health services whose non-white population is forty percent or more."

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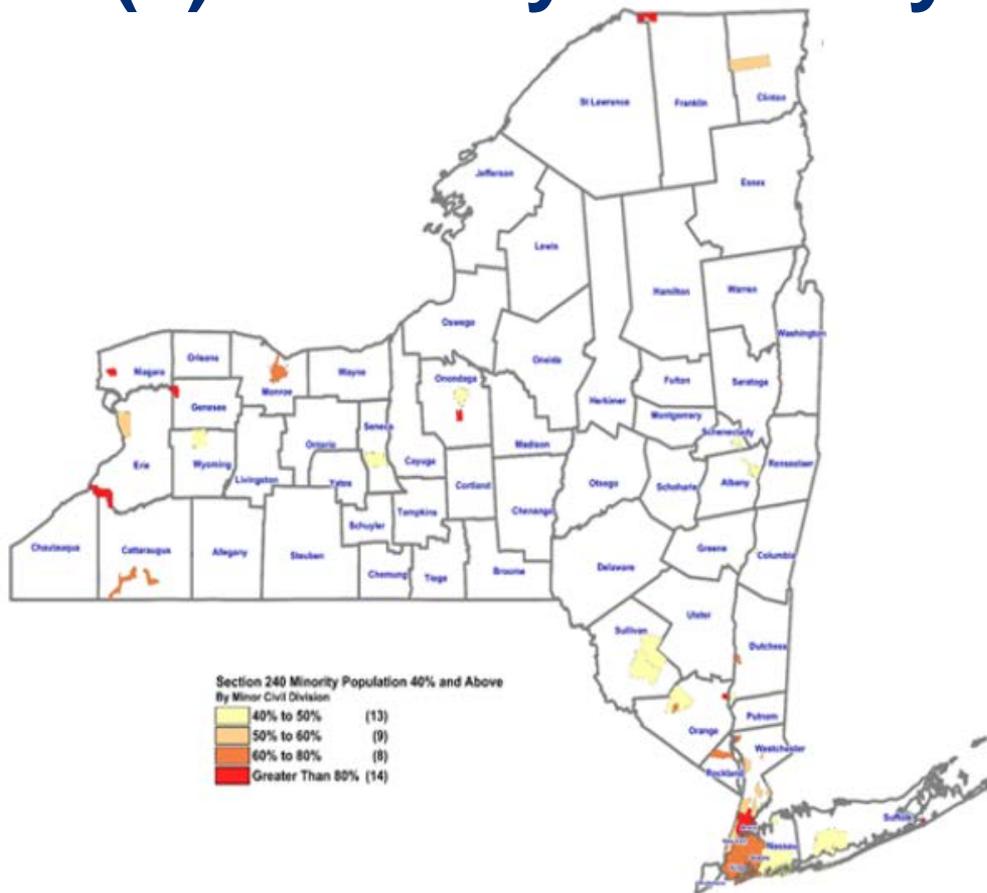
PHL §240(2) Minority Areas by County

Westchester County
New York County (Manhattan)
Kings County (Brooklyn)
Queens County
Bronx County

What is a Minor Civil Division?

The US Census Bureau defines a Minor Civil Division as:

"A type of governmental unit that is the primary governmental or administrative division of a county or statistically equivalent entity in 29 states, the District of Columbia, Puerto Rico, and the Island Areas. MCDs are represented by several types of legal entities, such as townships, towns (in eight states), and districts."

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PHL §240(2) Minority Areas by MCD

Section 240 Minority Population 40% and Above
By Minor Civil Division

40% to 50%   (13)
50% to 60%   (9)
60% to 80%   (8)
Greater Than 80% (14)

Twenty-Eight NYS Minority Areas

City of Albany   City of Schenectady
Town of Dannemora   Town of Romulus
City of Hudson   Town of Islip
City of Beacon Health   Town of Fallsburg
City of Poughkeepsie   Town of Thompson
City of Buffalo   Town of Mount Kisco
City of Rochester   City of Mount Vernon
City of Glen Cove   City of New Rochelle
Town of Hempstead   Town of Ossining
City of Syracuse   City of Peekskill
City of Middletown   Town of Rye
City of Newburgh   City of White Plains
Town of Wallkill   City of Yonkers
Town of Haverstraw   Town of Attica

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Prevention Agenda Indicators for each Minority Area

Improve Health Status and Reduce Health Disparities	• Percent of premature deaths (deaths before age 65) • Age-adjusted preventable hospitalization rate per 10,000 (aged 18+)
Promote a Healthy and Safe Environment	• Age-adjusted homicide related death rate per 100,000 • Rate of ED visits due to falls per 10,000 (aged 1-4yrs) • Rate of hospitalizations due to falls per 10,000 (aged 65+) • Age-adjusted assault related hospitalizations per 10,000
Prevent Chronic Diseases	• Rate of ED visits for asthma per 10,000 (all ages) • Rate of ED visits for asthma per 10,000 (aged 0-4) • Rate of hospitalizations for short-term diabetes complications per 10,000 (aged 6-17) • Rate of hospitalizations for short-term diabetes complications per 10,000 (aged 18+) • Age-adjusted heart attack hospitalization rate per 10,000 • Observed to expected case ratio and late diagnoses for common cancer types
Prevent HIV/STDs, Vaccine Preventable Diseases and Healthcare-Associated Infections	• Ratio of observed to expected cases for female chlamydia, gonorrhea, and male early syphilis (aged 14+) • Rate of newly diagnosed HIV cases per 100,000 (aged 13+)
Promote Healthy Women, Infants and Children	• Percent of preterm births • Percent of infants exclusively breastfed in hospital • Percent of low birthweight births
Promote Mental Health and Prevent Substance Abuse	• Age-adjusted suicide rate per 100,000

All data is for years 2011-2013, with exception of bacterial STD cases, which are 2010-2012.

Socio-Demographic Indicators

- o Population, Age and Sex;
- o Race and Ethnicity;
- o Educational Attainment of Adults 18 – 25
- o Income and Poverty
- o Housing Characteristics
- o Health Insurance Status
- o Disability Status

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# What Do We Know? – General Trends

- 64% of Minority Areas in the report(s) have a higher percentage of premature deaths than all of NYS, 75% higher than NYS (excluding NYC), and 79% higher than the county within which they reside; and

- 72% of Minority Areas in the report(s) have a higher age-adjusted ratio of heart attack hospitalizations than the NYS total; 54% higher than NYS excluding NYC; and 72% higher than the county in which they reside.

Just over half of the Minority Areas in the report(s) [54%] have a higher age-adjusted suicide rate than NYS (excluding NYC).

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Population Density within Minority Areas

City of Poughkeepsie

Minority population density map by census block group, 2010-2014

Percentage minority population
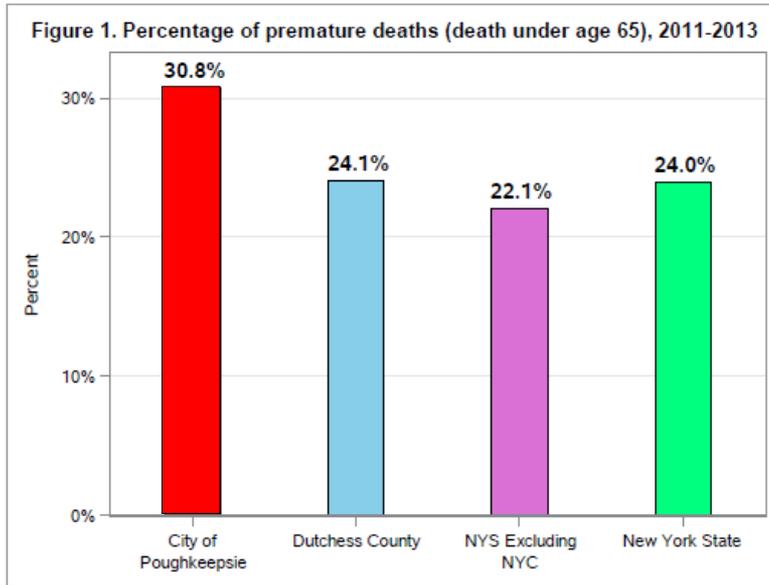by block group

Less than 20%
20% -< 30%
40% or greater
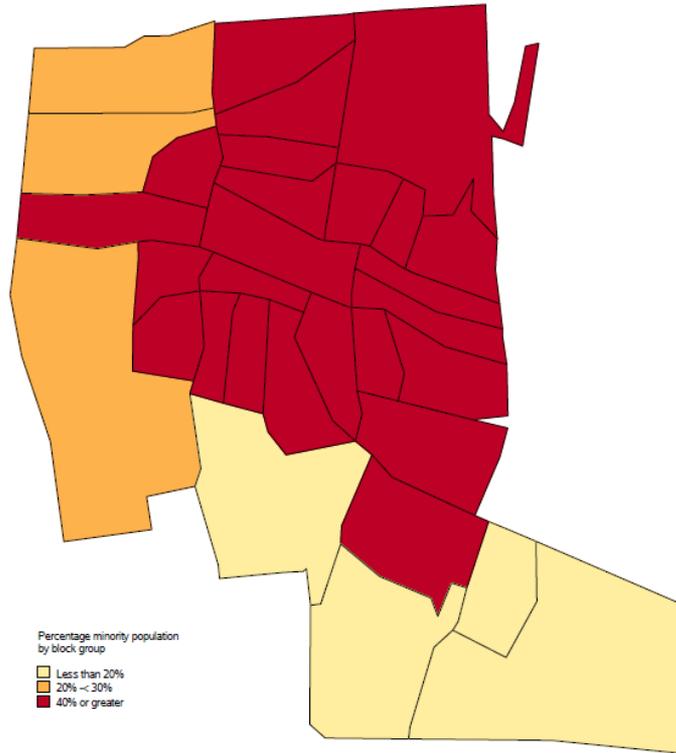
*Minority population is defined as non-white.

What Can the Data Tell Us?

Population Characteristic	City of Poughkeepsie	Dutchess County	New York State
Population, Age and Sex			
Total population	30,716 (30,681 - 30,751)	297,388 (297,388 - 297,388)	19,594,330 (19,594,330 - 19,594,330)
Percent female	51.9 (50.6 - 53.2)	50.3 (50.2 - 50.4)	51.5 (51.4 - 51.6)
Percent male	48.1 (46.8 - 49.4)	49.7 (49.6 - 49.8)	48.5 (48.4 - 48.6)
Percentage of total population less than 5 years old	6.8 (5.8 - 7.8)	4.9 (4.8 - 5.0)	6.0 (5.9 - 6.1)
Percentage of total population 5 to 19 years old	19.4 (18.9 - 19.9)	19.8 (19.7 - 19.9)	18.7 (18.6 - 18.8)
Percentage of total population 20 to 64 years old	60.0 (59.2 - 60.8)	60.7 (60.6 - 60.8)	61.2 (61.1 - 61.3)
Percentage of total population 65 years old and over	13.8 (13.2 - 14.4)	14.4 (14.3 - 14.5)	14.0 (13.9 - 14.1)
Race and Ethnicity			
Percent minority	61.4 (59.2 - 63.6)	26.5 (26.4 - 26.6)	42.7 (42.6 - 42.8)
Percent White	38.6 (36.4 - 40.8)	73.5 (73.4 - 73.6)	57.3 (57.2 - 57.4)
Percent Black	34.3 (31.8 - 36.8)	9.2 (9.0 - 9.4)	14.4 (14.3 - 14.5)
Percent Hispanic	21.4 (19.1 - 23.7)	11.0 (11.0 - 11.0)	18.2 (18.2 - 18.2)
Percent Asian	2.3 (1.1 - 3.5)	3.8 (3.7 - 3.9)	7.7 (7.6 - 7.8)
Percent Native American	0.3 (0.2 - 0.4)	0.1 (0.0 - 0.2)	0.2 (0.1 - 0.3)
Percent other	3.0 (2.1 - 3.9)	2.0 (1.9 - 2.1)	2.0 (1.9 - 2.1)
Educational Attainment of Adults 18-25			
Percent less than high school	18.7 (13.4 - 24.0)	11.1 (9.7 - 12.5)	12.8 (12.4 - 13.2)
Percent high school	29.2 (24.2 - 34.2)	26.5 (24.9 - 28.1)	25.8 (25.3 - 26.3)
Percent some college & associates degree	41.8 (36.1 - 47.5)	52.8 (50.8 - 54.8)	46.3 (45.6 - 47.0)
Percent with a bachelor's degree	10.3 (6.6 - 14.0)	9.6 (8.3 - 10.9)	15.1 (14.7 - 15.5)
Income and Poverty			
Median income ($)	38,973 (36,904 - 41,042)	72,471 (70,994 - 73,948)	58,687 (58,480 - 58,894)

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What Can the Data Tell Us?

Improve Health Status and Reduce Health Disparities

Promote a Healthy and Safe Environment

Figure 1. Percentage of premature deaths (death under age 65), 2011-2013

Figure 3. Age-adjusted homicide related death rate per 100,000 population, 2011-2013

Source: New York State Vital Records
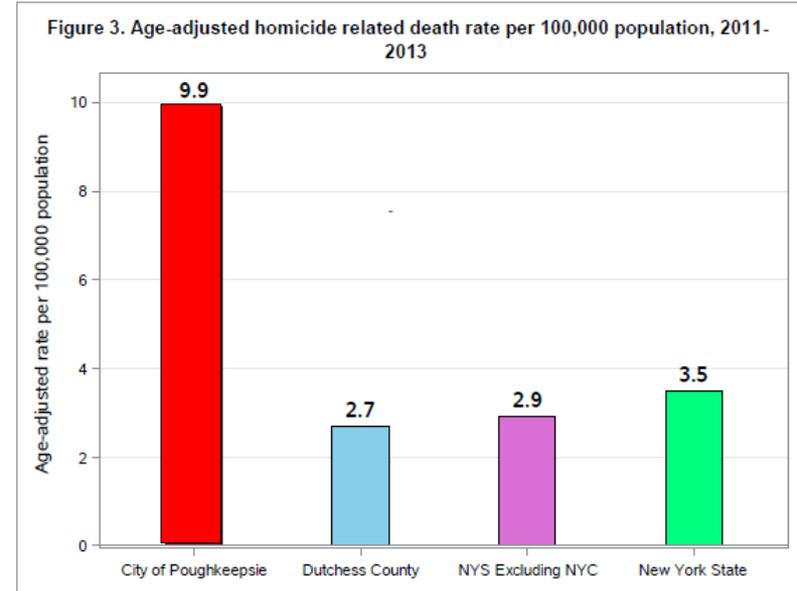
What Can the Data Tell Us?

Prevent Chronic Diseases

Figure 7. Rate of emergency department visits for asthma per 10,000 population, all ages, 2011-2013
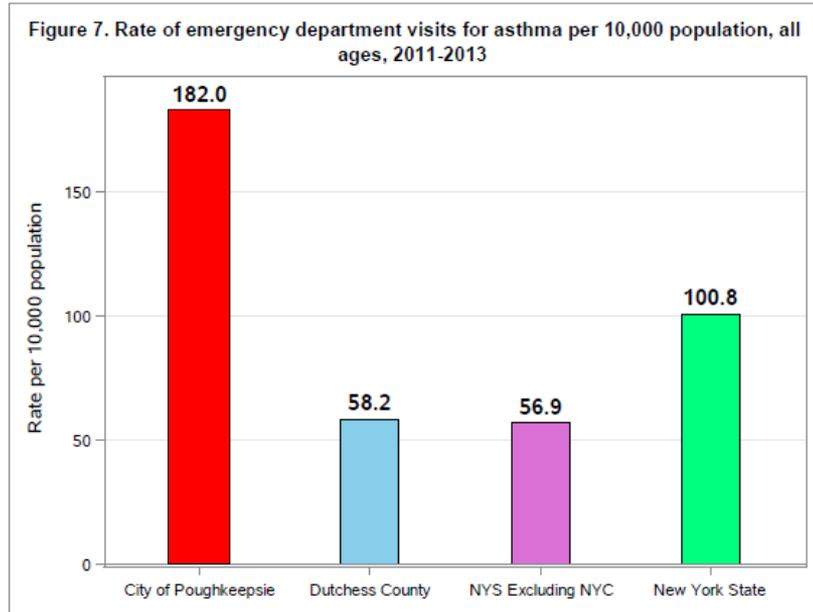
Source: Statewide Planning and Research Cooperative System (SPARCS)

Prevent HIV/STDs, Vaccine Preventable Diseases and Healthcare-Associated Infections

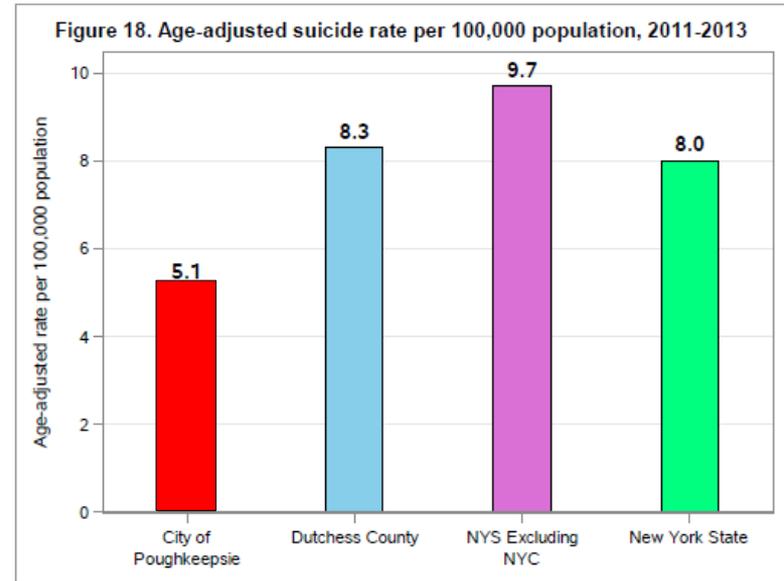Figure 13. Ratio of observed to expected cases for female chlamydia, gonorrhea, and male early syphlis, aged 14+, 2010-2012
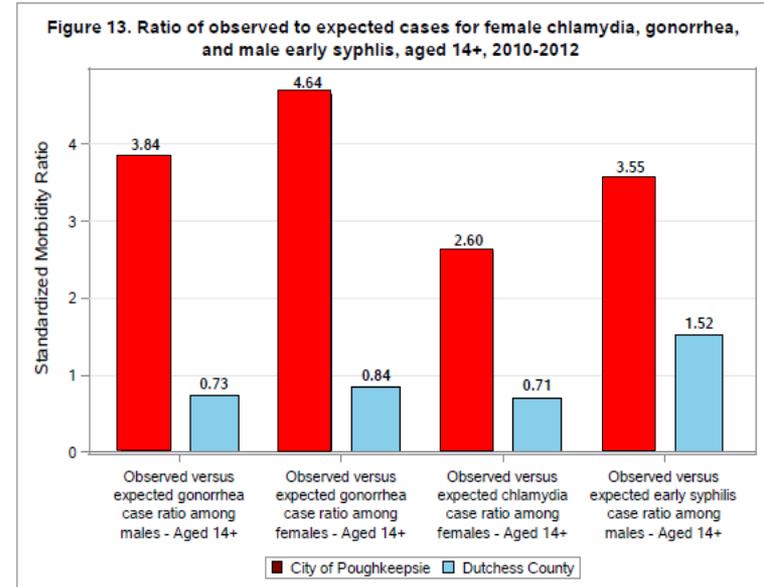
Source: Communicable Disease Electronic Surveillance System (CDESS)

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What Can the Data Tell Us?

Promote Healthy Women, Infants, and Children
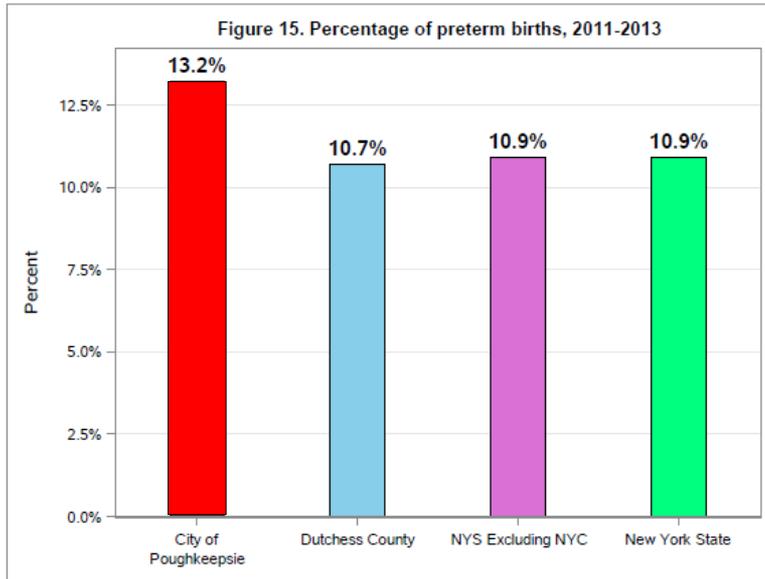
Figure 15. Percentage of preterm births, 2011-2013

Promote Mental Health and Prevent Substance Abuse

Figure 18. Age-adjusted suicide rate per 100,000 population, 2011-2013

Source: New York State Vital Records

What Do We Know?

NOT all Minority Areas are facing Health Disparities when compared to the Counties within which they reside.

White Plains
Glen Cove
Mount Kisco
Romulus
Ossining
Rye

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What Can You Do With This Data?

- Assess health disparities in Minority Areas and focus efforts to increase capacity to address Prevention Agenda Priority Areas;
- Inform program/policy development;
- Target community engagement, capacity building and mobilization efforts;
- Increase provider and community member awareness;
- Refine existing scopes of work;
- Review this data with other neighborhood or community-level reports such as the New York State Prevention Agenda 2013-2018 Tracking Dashboard, and the New York City Community Health Profiles; and
- Grant writing.

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What Can You Do With This Data?

Use proven programs to reduce disparities identified, such as:

- Centers for Disease Control and Prevention MMWR (Morbidity and Mortality Weekly Report) highlighted several proven models

- Purpose Built Communities model

- Healthy Harlem (Harlem Children's Zone)

Your Thoughts?

This is the first MCD level report issued and we'd like your input! How will you use this information? How can the information be disseminated and support strategic efforts to address health disparities?

Please take some time to review the reports and provide us with your feedback (http://www.health.ny.gov/statistics/community/minority/mcd_reports.htm).

Send any questions, comments or recommendations to: omhhdp@health.ny.gov

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Thank You!

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