

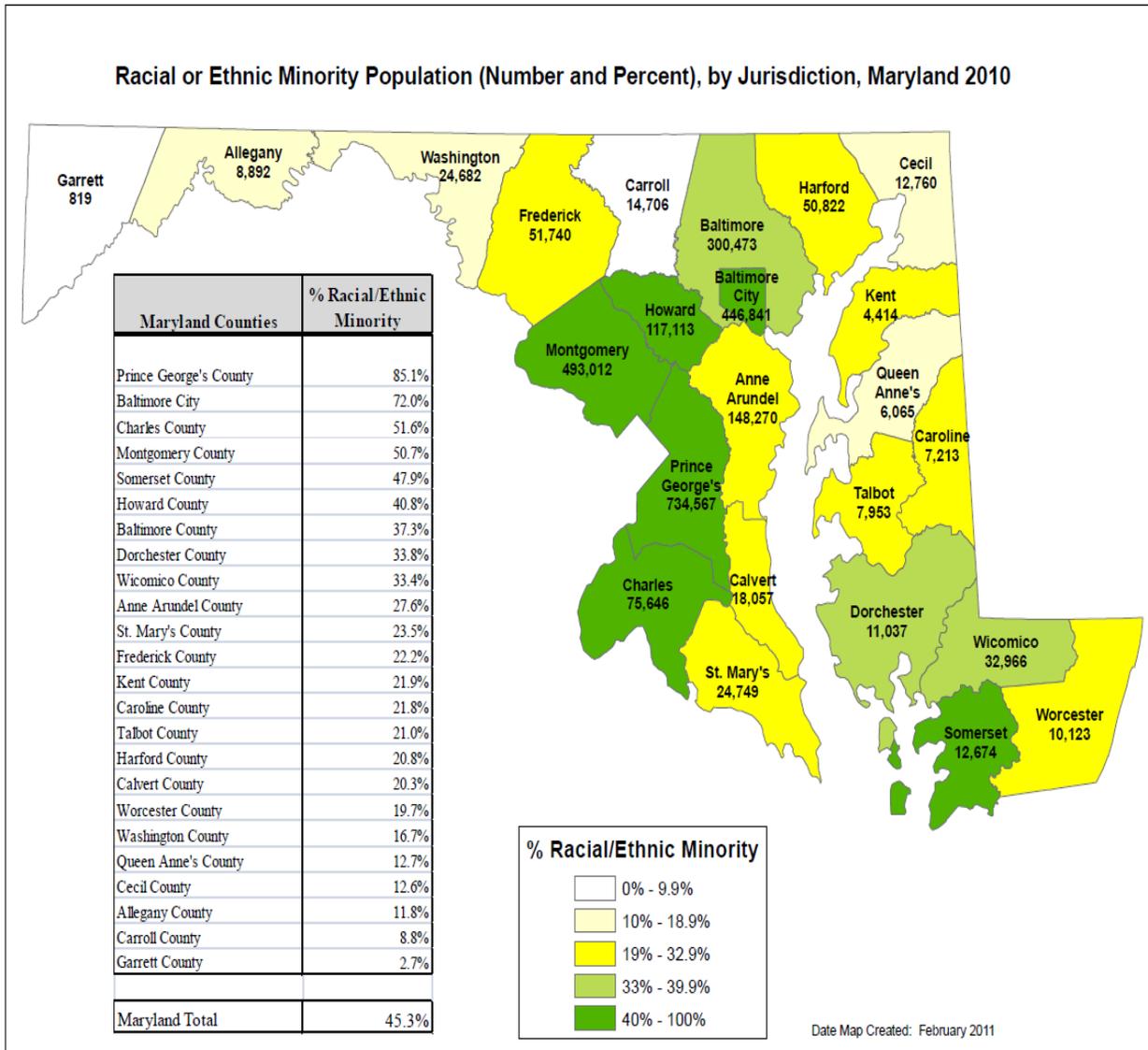


**Minority Health and Health Disparities**  
 Maryland Department of Health and Mental Hygiene

# Maryland Minority Health Disparities Selected Statewide and Baltimore County Data

February 15, 2011

Racial or Ethnic Minority Population (Number and Percent), by Jurisdiction, Maryland 2010



## Minority Population in Maryland

- Maryland is a state where the size of the combined racial and ethnic minority population is beginning to approach the Non-Hispanic White population. The U.S 2010 Census Maryland population was 45.3% racial or ethnic minority, up by 7.9 percentage points from 2009 (42.5%).
- Nine of Maryland's 24 jurisdictions, including Baltimore County have minority populations over 30%. More than 23% of the population in the Eastern Shore is minority

**Table 1. Maryland Population, July 1, 2010 by Race and Ethnicity**

Race	All Ethnicity		Non-Hispanic		Hispanic	
White	3,359,284	58.2%	3,157,958	54.7%	201,326	3.5%
Non-White	2,414,268	41.8%	2,144,962	37.2%	269,306	4.7%
<i>Black</i>	1,700,298	29.4%	1,674,229	29.0%	26,069	0.5%
<i>Asian/Pac Isle</i>	322,010	5.6%	319,106	5.5%	2,904	0.1%
<i>American Indian</i>	20,420	0.4%	13,815	0.2%	6,605	0.1%
MD Total	5,773,552	100.0%	5,302,920	91.8%	470,632	8.2%

*Source: U.S Census Bureau, Census 2010  
Race categories are for one race alone.*

**Table 2. Minority Population by Jurisdiction, Maryland 2010**

REGION AND POLITICAL SUBDIVISION	TOTAL	Non Hispanic White	Minority Population	Percent Minority	Percent African American	Percent Asian/PI	Percent AI/AN	Percent Hispanic
<b>MARYLAND</b>	<b>5,773,552</b>	<b>3,157,958</b>	<b>2,615,594</b>	<b>45.3%</b>	<b>29.0%</b>	<b>5.5%</b>	<b>0.2%</b>	<b>8.2%</b>
<b>NORTHWEST AREA</b>	<b>485,999</b>	<b>399,866</b>	<b>86,133</b>	<b>17.7%</b>	<b>8.2%</b>	<b>2.4%</b>	<b>0.2%</b>	<b>4.8%</b>
GARRET	30,097	29,278	819	2.7%	1.0%	0.3%	0.1%	0.7%
ALLEGANY	75,087	66,195	8,892	11.8%	7.9%	0.8%	0.1%	1.4%
WASHINGTON	147,430	122,748	24,682	16.7%	9.4%	1.4%	0.2%	3.5%
FREDERICK	233,385	181,645	51,740	22.2%	8.4%	3.8%	0.2%	7.3%
<b>BALTIMORE METRO AREA</b>	<b>2,662,691</b>	<b>1,584,466</b>	<b>1,078,225</b>	<b>40.5%</b>	<b>28.8%</b>	<b>4.6%</b>	<b>0.2%</b>	<b>4.6%</b>
BALTIMORE CITY	620,961	174,120	446,841	72.0%	63.3%	2.3%	0.3%	4.2%
BALTIMORE COUNTY	805,029	504,556	300,473	37.3%	25.7%	5.0%	0.3%	4.2%
ANNE ARUNDEL	537,656	389,386	148,270	27.6%	15.2%	3.4%	0.3%	6.1%
CARROLL	167,134	152,428	14,706	8.8%	3.1%	1.5%	0.2%	2.6%
HOWARD	287,085	169,972	117,113	40.8%	17.1%	14.4%	0.2%	5.8%
HARFORD	244,826	194,004	50,822	20.8%	12.4%	2.4%	0.2%	3.5%
<b>NATIONAL CAPITAL AREA</b>	<b>1,835,197</b>	<b>607,618</b>	<b>1,227,579</b>	<b>66.9%</b>	<b>38.7%</b>	<b>9.3%</b>	<b>0.2%</b>	<b>16.0%</b>
MONTGOMERY	971,777	478,765	493,012	50.7%	16.6%	13.9%	0.2%	17.0%
PRINCE GEORGE'S	863,420	128,853	734,567	85.1%	63.5%	4.1%	0.2%	14.9%
<b>SOUTHERN AREA</b>	<b>340,439</b>	<b>221,987</b>	<b>118,452</b>	<b>34.8%</b>	<b>25.2%</b>	<b>2.4%</b>	<b>0.4%</b>	<b>3.7%</b>
CALVERT	88,737	70,680	18,057	20.3%	13.3%	1.4%	0.3%	2.7%
CHARLES	146,551	70,905	75,646	51.6%	40.4%	3.0%	0.6%	4.3%
SAINT MARY'S	105,151	80,402	24,749	23.5%	14.1%	2.5%	0.3%	3.8%
<b>EASTERN SHORE AREA</b>	<b>449,226</b>	<b>344,021</b>	<b>105,205</b>	<b>23.4%</b>	<b>16.1%</b>	<b>1.3%</b>	<b>0.2%</b>	<b>4.0%</b>
CECIL	101,108	88,348	12,760	12.6%	6.0%	1.1%	0.2%	3.4%
KENT	20,197	15,783	4,414	21.9%	14.9%	0.8%	0.1%	4.5%
QUEEN ANNE'S	47,798	41,733	6,065	12.7%	6.8%	1.0%	0.3%	3.0%
CAROLINE	33,066	25,853	7,213	21.8%	13.7%	0.6%	0.3%	5.5%
TALBOT	37,782	29,829	7,953	21.0%	12.6%	1.3%	0.1%	5.5%
DORCHESTER	32,618	21,581	11,037	33.8%	27.4%	0.9%	0.3%	3.5%
WICOMICO	98,733	65,767	32,966	33.4%	23.8%	2.5%	0.2%	4.5%
SOMERSET	26,470	13,796	12,674	47.9%	41.9%	0.7%	0.3%	3.3%
WORCESTER	51,454	41,331	10,123	19.7%	13.6%	1.1%	0.2%	3.2%

**Source: U.S Census Bureau, Census 2010**  
**Race categories are for one race alone.**

## Infant Mortality is an issue in Baltimore County

In Baltimore County in 2009, **infant mortality rate** (deaths per 1000 live births) was **15.3** for African Americans and **3.6** for Whites, or **4.2 times higher** for African Americans.

**TABLE 33. INFANT DEATHS AND INFANT MORTALITY RATES BY RACE, HISPANIC ORIGIN, REGION AND POLITICAL SUBDIVISION, MARYLAND, 2009.**

REGION AND POLITICAL SUBDIVISION	NUMBER OF INFANT DEATHS				INFANT MORTALITY RATES***			
	ALL RACES	WHITE*	BLACK*	HISPANIC**	ALL RACES	WHITE*	BLACK*	HISPANIC**
MARYLAND.....	541	177	343	29	7.2	4.1	13.6	3.1
NORTHWEST AREA.....	25	17	7	1	4.4	3.5	14.5	****
GARRETT.....	0	0	0	0	****	****	****	****
ALLEGANY.....	1	1	0	0	****	****	****	****
WASHINGTON.....	13	8	5	0	7.4	5.2	30.9	****
FREDERICK.....	11	8	2	1	3.8	3.4	****	****
BALTIMORE METRO AREA.....	275	76	191	10	8.0	3.9	15.8	3.7
BALTIMORE CITY.....	128	10	118	2	13.5	3.5	18.5	****
BALTIMORE COUNTY.....	73	21	48	2	7.4	3.6	15.3	****
ANNE ARUNDEL.....	35	22	12	1	4.9	4.1	9.0	****
CARROLL.....	7	6	1	0	4.5	4.0	****	****
HOWARD.....	23	12	9	5	6.9	6.2	12.9	13.4
HARFORD.....	9	5	3	0	3.2	2.3	****	****
NATIONAL CAPITAL AREA.....	180	53	115	17	7.0	4.5	11.0	3.0
MONTGOMERY.....	74	33	30	5	5.5	3.9	10.7	1.3
PRINCE GEORGE'S.....	106	20	85	12	8.7	6.0	11.1	6.0
SOUTHERN AREA.....	24	13	11	0	5.7	4.5	9.3	****
CALVERT.....	4	3	1	0	****	****	****	****
CHARLES.....	12	5	7	0	6.6	5.4	8.7	****
SAINT MARY'S.....	8	5	3	0	5.4	4.3	****	****
EASTERN SHORE AREA.....	37	18	19	1	7.3	4.5	19.0	****
CECIL.....	4	4	0	0	****	****	****	****
KENT.....	2	1	1	0	****	****	****	****
QUEEN ANNE'S.....	3	1	2	0	****	****	****	****
CAROLINE.....	3	3	0	0	****	****	****	****
TALBOT.....	1	1	0	0	****	****	****	****
DORCHESTER.....	9	3	6	0	21.9	****	40.8	****
WICOMICO.....	12	4	8	1	9.1	****	18.9	****
SOMERSET.....	3	1	2	0	****	****	****	****
WORCESTER.....	0	0	0	0	****	****	****	****

\*Race and Hispanic origin are reported separately on the death certificate. Data for persons of Hispanic origin are included in the data for each race group according to the reported race of the decedent.

\*\*Includes all deaths to persons of Hispanic origin of any race.

\*\*\*Infant mortality rates are per 1,000 live births by race of mother.

\*\*\*\*Rates based on fewer than five events in the numerator are not presented since such rates are likely to be unstable.

**Source: Maryland Vital Statistics Annual Report 2009**

## Description of Health Disparities in Prince George’s County

Comparing death rates between African Americans and Whites in Baltimore County (2003 to 2007), African American death rates were (see Table 3):

- 18% higher** for all causes of death,
- Almost **9 times higher** for HIV / AIDS,
- 2 times higher** for diabetes,
- 46% higher** for stroke,
- 18% higher** for heart disease,
- 9% higher** for cancer,

The mortality ratio disparity is greatest with HIV/AIDS, where African Americans have **almost 9 times** the HIV/AIDS death rate of Whites (see Table 3).

**Table 3. Black or African American vs. White Mortality Disparity, Leading Causes of Death, Baltimore County, Maryland 2003-2007 Combined.**

Disease	Rates are deaths per 100,000 population		B/W Ratio	Black % Excess	Black Excess Death Rate
	Black	White			
All Cause	952.4	809.3	1.18	18%	143.1
Heart Disease	243.9	206.3	1.18	18%	37.6
Cancer	211.4	193.2	1.09	9%	18.2
Stroke	73.1	50.0	1.46	46%	23.1
Diabetes	39.5	19.2	2.06	106%	20.3
HIV/AIDS	21.1	2.4	8.79	779%	18.7

### **What about other minorities?**

In Baltimore County reporting is limited to comparisons of the Black or African American population to the White population. Where data are not presented for American Indians, Asians and Pacific Islanders, or Hispanics/Latinos, this is because either

- The data have small numbers for these populations, or
- The data have large numbers of persons who are missing race or ethnicity information.

### **Social Determinants of Health in Baltimore County**

Social determinants such as educational level, occupational and residential environments, access to healthcare and delivery, racial injustice, poverty, and income inequality play a pivotal role in health and disease.

## **Priority Areas for Action in Prince George's County**

**Infant mortality** is a particularly tragic disparity, with many years of potential life lost. It also is a marker of wider gaps in our health care system

**Cardiovascular and related diseases** which refers to the inter-related cluster of **heart disease, stroke, diabetes, and kidney disease**. Heart disease is the top disparity when looked at as the difference between death rates. Diabetes and Kidney disease are third and fourth respectively. All share poor diet, physical inactivity and obesity as risk factors. Two thirds of end-stage kidney disease is caused by diabetes or high blood pressure

**Cancer** is the second largest disparity in Prince George's County when looked at as the difference between death rates.

**HIV/AIDS** is the fifth largest disparity in Prince George's County by the difference in death rates, and the largest one by the ratio of death rates.

## **Strategies for Eliminating Health Disparities in Prince George's County**

- Addressing insurance and access disparities,
- Ensuring cultural/linguistic competence and diversity in the health workforce,
- Supporting community education and community outreach worker programs,
- Enacting equity-promoting policies

are among the strategies required for the elimination of health disparities.