Harford County

Demographics & Social Determinants of Health (2005-2009)

	Harford County	Maryland
Population		
Total	240,297	5,637,418
Female	122,587	2,907,051
Male	117,710	2,730,367
% Race/Ethnicity:		
White	83.1	60.9
African American	11.7	28.8
Asian	2.1	4.9
Native American	0.2	0.3
Pacific Islander	0.0	0.1
2+ Races	1.7	2.0
Other	1.1	3.0
Hispanic	2.7	6.6
% of Population Aged:		
0 - 4	6.4	6.7
5 - 9	6.8	6.4
10 - 14	7.6	6.8
15 - 17	4.7	4.3
18 - 24	8.3	9.4
25 - 44	27.0	28.1
45 - 64	27.7	26.6
65+	11.6	11.8
Households		
Total	90,142	2,092,538
% Families with Children	62.4	57.5
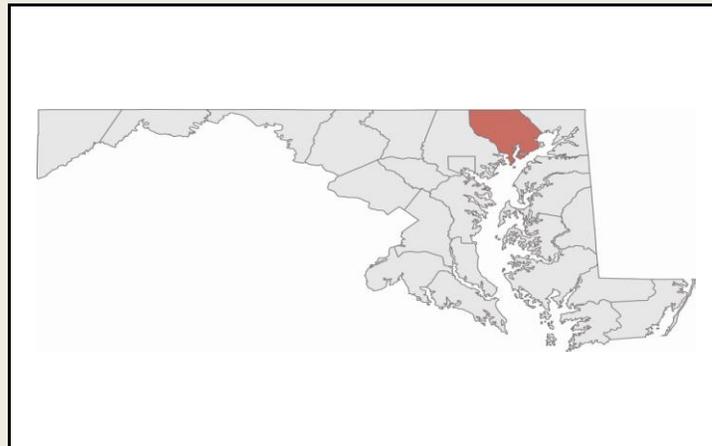
	Harford County	Maryland
Household Income		
% Earning $0-$24,999	12.0	15.3
% Earning $25,000-$39,999	11.1	11.9
% Earning $40,000-$59,999	15.0	16.1
% Earning $60,000-$74,999	11.4	10.4
% Earning $75,000+	50.6	46.2
Median Household Income	$75,872	$69,475
% Living in Poverty	5.4	8.0
Educational Attainment		
% with High School Education	90.8	87.5
% with Bachelor's Degree	18.8	19.6

Harford County, Maryland

Major Health Indicators (2008)[a]

	Harford County	Maryland
Overall Health		
Life Expectancy at Birth	78.0	78.1
% With Activity Limitations	16.4	20.5
% With Fair or Poor Health	8.4	12.5
% Experiencing Unhealthy Days	25.1	22.2
All Cause Mortality **	823.1	780.8
Maternal/Child Health		
Infant Mortality Rate *	5.4	6.5
% Low Birth Weight (Singleton)	4.6	4.9
% Low Birth Weight (All)	5.9	6.7
% Very Low Birth Weight (Singleton)	0.6	1.0
% Very Low Birth Weight (All)	1.2	1.3
% Pre-Term Births	10.4	9.5
Teen Birth Rate *	16.8	25.9
% Mothers Smoking During Pregnancy	8.7	6.2
% Mothers with Late or No Prenatal Care	3.0	4.2
Communicable Disease		
Tuberculosis Incidence **	1.3	4.9
Chlamydia Rate **	233.2	437.9
Gonorrhea Rate **	33.4	118.3
Rate of HIV/AIDS Cases **	11.0	46.6
Number of HIV Deaths	6	431
Number of Septicemia Deaths	37	988

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

* Rate per 1,000 Births

** Rate per 100,000 Residents
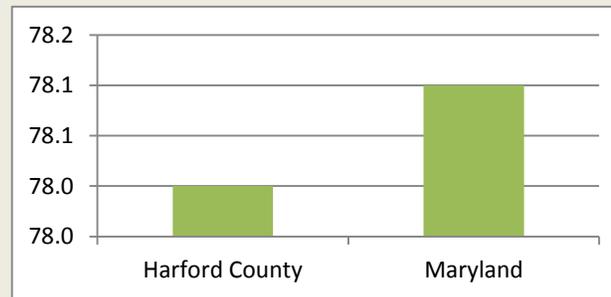
**Fig. 1 Life Expectancy at Birth**
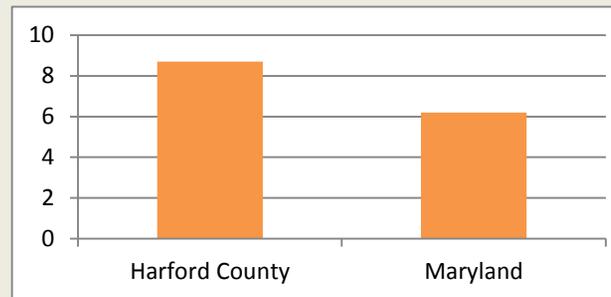
Fig. 2 Percent of Mothers Smoking During their Pregnancies

These are some of the most basic measures of health across the state. Many of these are also included in

Maryland's State Health Improvement Process (SHIP)

For more information about environmental public health tracking go to:

The Environmental Public Health Tracking Site

Health Outcomes/Risk Factors (2008)[a]

	Harford County	Maryland
Mental Health		
Number of Suicide Deaths	31	493
% with Anxiety Disorders	18.6	12.6
Substance Abuse		
Number of Alcohol-Induced Deaths	22	407
% Binge Drinkers	14.7	13.8
Environmental Health		
% Children Tested for Presence of Blood Lead	15.5	22.4
% Children With Lead Poisoning	0.2	0.7
Health Insurance		
% Without Health Insurance (Adults)	8.6	NA
% Without Health Insurance (Children)	3.0	NA
Unmet Medical Need		
% in Last Year that Could Not Afford to See a Doctor	10.5	10.4
Oral Health		
% That did not see a Dentist in the Last Year	30.3	28.6

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

* Rate per 1,000 Births

** Rate per 100,000 Residents
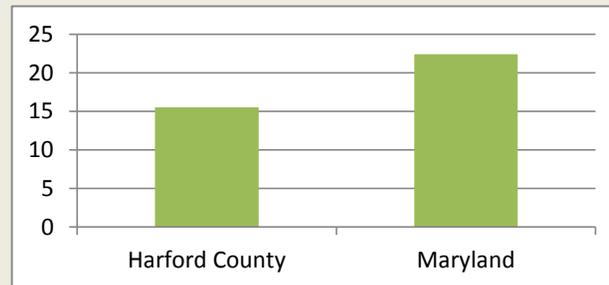
Fig. 3: Percent of children tested for elevated blood lead levels
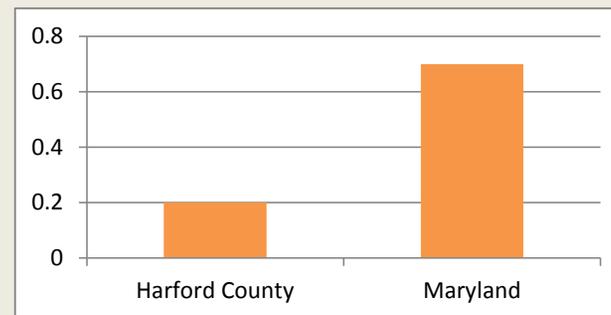

Fig. 4: Percent of tested children with elevated blood lead levels

These represent some important determinants of health, including mental health, substance abuse, and access to health services. Many of these are part of the State Health Improvement Process (SHIP)

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Risk Factors (2008)[a]

	Harford County	Maryland
Unhealthy Weight		
% Overweight (Adults)	35.2	36.7
% Obese (Adults)	24.4	26.7
% Overweight (School-Age)	22.2	17.7
% Obese (School-Age)	21.8	22.3
Smokers		
% Adults that Smoke	20.8	14.9
% Middle Schoolers that Smoke	5.5	5.2
% High Schoolers that Smoke	6.9	7.0
Injury and Violence		
Number of Homicide Deaths	12	528
Number of Aggravated Assaults	562	20,571
Rate of Motor Vehicle Injury Hospitalizations **	131.5	109.8
Number of Motor Vehicle Deaths	26	643
Injury-Related ER Visits **	8,836	9,135
Injury-Related Hospitalizations **	1,219	1,068
Injury-Related Deaths **	59.9	63.0
Physical Inactivity and Built Environment		
% Adults Not Meeting CDC Recommendation for Activity	59.5	64.4
% With No Physical Activity	23.4	24.0
Access to Recreational Facilities **	11	12
% With Access to Healthy Foods	84.0	62.0

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

** Rate per 100,000 Residents
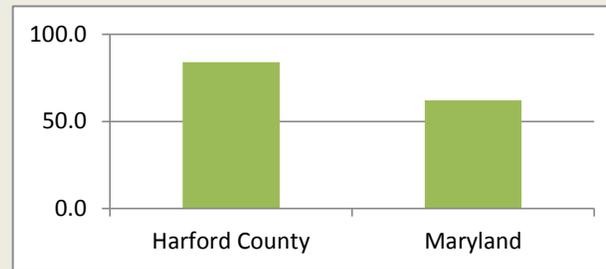
Fig. 5: Percent of population with access to healthy foods
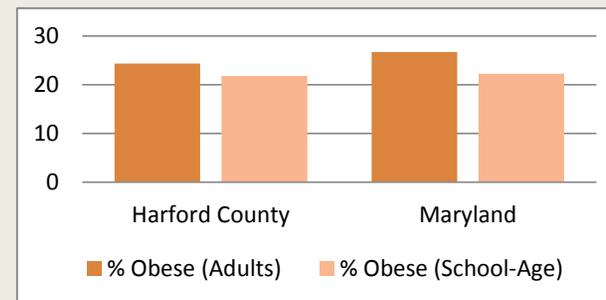

Fig. 6: Percent of children and adults that are obese

The indicators on this page might be thought of as related in some ways to the built environment. While other factors such as personal behaviors must also be considered, there are relationships between the built environment and some important health outcomes.

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Health Outcomes (2008)[a]

	Harford County	Maryland
Built Environment, cont.		
Percent Who Get to Work By:		
Single Occupancy Vehicle	83.1	73.2
Active Transport (Walking, Biking)	1.8	2.8
Public Transportation	1.6	8.7
Chronic Disease		
Number of Colorectal Cancer Deaths	44	964
Number of Breast Cancer Deaths	47	840
Number of Heart Disease Deaths	448	11,217
Number of Stroke Deaths	80	2,250
% with Diabetes	4.7	8.7
Diabetes Deaths **	20.0	22.4
% Children with Asthma	11.4	14.3
Number of Childhood Asthma Hospitalizations	94	1,318
% Adults with Asthma	13.6	14.3
Number of Adult Asthma Hospitalizations	196	3,746
Cancer Screening		
% Adult Women that have Received a Mammogram	57.6	64.2
% Testing for Colorectal Cancer in Past 2 Years	19.3	25.0

Fig.7: Percent with Diabetes
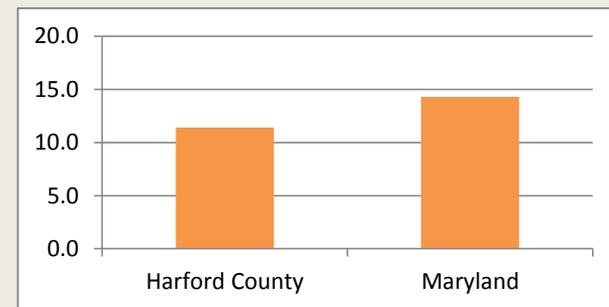
Fig. 8: Percent of children with asthma

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

* Rate per 1,000 Births

** Rate per 100,000 Residents

Prevention and reduction of chronic diseases requires a combination of approaches, including improvements in screening, changes in personal behaviors, and changes in environmental conditions.

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Harford County

Physical and Environmental Determinants (2008)[a]

	Harford County	Maryland
Immunizations		
Average % of Kindergarten Students Immunized	99.7	99.3
% Adults Receiving Flu Shots	37.9	38.5
% Adults Receiving Pneumonia Shots	21.7	24.7
Environmental Exposure		
Ozone Days	23	16
Particulate Matter Days	4	4
Water Quality- Arsenic †	NA	NA
Water Quality- Nitrates ‡	NA	NA
Water Quality- Trihalomethane †	NA	NA
Water Quality- Haloecetic Acids †	69.9	NA

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

† Parts per Billion

‡ Parts per Million

Some connections between the environment and health are well known, such as that between asthma and air pollution. However, air pollution has also been shown to affect overall death rates. Data and information collected by public health agencies is being used by researchers to increase our understanding of these complicated relationships and design cost-effective prevention strategies.

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