Status of Health

May 2007

Presentation Overview

- Demographics
- Maternal and Child Health Stats
- Vital Statistics
- Cancer Registry
- Hospital Data
- New Opportunities and Initiatives

Status of Health Data

- State Generated Data - Vital Statistics
- Local Data
- U.S. Census Data
- Community Surveys and Focus Groups
- Behavioral Risk Factor Survey
- Youth Behavioral Risk Survey
- Maryland Adolescent Survey
- MHCC
- Cancer Registry

Garrett County Demographics

Total Population –	2000	29,846
	2005	29,909

- Males 49.5%
  Females 50.5%

- White 29,518 (98.7%)
  African American 167 (.6%)
  Native American 10 (.1%)
  Asian 73 (.2%)
  Hispanic (of any race) 134 (.4%)

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates / 90% confidence interval

Demographics (cont.)

People of All Ages in Poverty	(12.5%)
Percentage of Persons below 200% of Fed. Poverty Index	(45.5%)
Persons under 18 years of age	(23.2%)
Persons 65 years old and over	(15.7%)
Median Household Income 2004	$36,100
Median Household Income 2004 (MD)	$57,019

Sources: *U.S. Census Bureau 1990 Model Based Estimate*

Maryland Office of Primary Care and Rural Health

Garrett County Population Age-group (Projections)

Maternity and Child Health Data For Garrett County and Maryland

Comparison of County Birth Rates with the MD State Average, 2005

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Births	430	417	394	416	376	361	366	349	358	355	333	327	300	342	316	314

Average Number of Births

1994 – 1999 = 361

2000 - 2005 = 322

1,272 Births to Garrett County Residents

604 HFGC Births 668 Non-HFGC Births

781 (61.4%) were born to mothers **with MCHP** of these 489 mothers were enrolled in HFGC (62.6%)

	2000	2001	2002	2003	2004	2005
MD	86.5	83.5	84	83.5	82.3	81.3
GC	84.5	84.5	84	84.5	82.2	87.7

2000-2005 Average Percentage

Maryland = 83.5%

Garrett County = 84.6%

In 2005, 4 women received late (3rd trimester) or NO prenatal care

- 29/160 LBW GC babies were born to mothers enrolling in HFGC during their 1st or 2nd trimester of pregnancy.
- The total number of births to enrolled 1st or 2nd trimester HFGC mothers in Garrett County, MD during CYs 2000-2005 was 487, and **6.0%** (29) of these babies were Low Birth Weight (LBW) babies.
- The total number births to GC mothers not enrolled in HFGC during the 1st or 2nd trimester during CYs 2000-2005 was 1,046, and **9.8%** (103) of these babies were Low Birth Weight (LBW) babies.

Percentage of Births Delivered by C-Section

	2000	2001	2002	2003	2004	2005
MD	24.3	25.6	27.7	28.7	30.6	31.6
GC	15.9	17.7	22.7	20.2	26.9	28.7

# of Infant Deaths		# Births
1995	2	361
1996	2	366
1997	3	349
1998	2	358
1999	3	355
2000	3	333
2001	2	327
2002	5	300
2003	5	342
2004	3	316
2005	1	314

Average Infant Mortality Rate GC	
1993-1997 (N=10)	5.4
1998-2002 (N=18)	10.8
Percent Change	99.5

FY 2002 - 2006

85% of all HFGC-ETS teens did not have a repeat birth within 2 years (51/60 teen mothers)

89% of HFGC-ETS teen that enrolled prenatally had babies of normal birth weight

WIC Participation

Average Monthly Participation		Unduplicated Participant Count
1999	1,005	1,033
2000	1,017	1,344
2001	998	1,305
2002	938	
2003	936	
2004	994	1,378
2005	935	1,451
2006	904	1,391

MCHP Enrollment Children

Mortality In Garrett County and Maryland

Comparison of County Age-adjusted Death Rates* for All Causes with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Heart Disease with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rate for All Causes for MD, 1999-2001

Comparison of County Age-adjusted Death Rate for All Causes for MD, 2005

Source: Maryland Vital Statistics

Maryland Division of Health Statistics, 1979-2002

Cancer vs. Heart Disease Mortality Rates, Age Under 85 Years

Beginning in 1991, cancer mortality rates began exceeding those from heart disease for Maryland residents under age 85 years.

Causes of Death, 2005
Garrett County

Age-adjusted Death Rates Per 100,000 Population
Diseases of the Heart –1999-2000

Age-adjusted Death Rates Per 100,000 Population Diseases of the Heart, 2003-2005

Comparison of County Age-adjusted Death Rates* for Heart Disease with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Heart Disease with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Malignant Neoplasms with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Maryland Lung Cancer Incidence Rates (1998-2002) by Geographical Area: Comparison to U.S. Rate (1998-2002)

Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population.

Area specific rates with 95% confidence intervals are presented in Appendix H.

U.S. Lung Cancer Incidence Rate, 1998-2002: 64.2 per 100,000 population

Source: Maryland Cancer Registry, 1998-2002

Age-adjusted Death Rates Per 100,000 Population Malignant Neoplasms, 2003-2005

Maryland Prostate Cancer Incidence Rates (1998-2002) by Geographical Area: Comparison to U.S. Rate (1998-2002)

Legend

- >25% below U.S. rate
- 10-25% below U.S. rate
- Between 10% below and 10% above U.S. rate
- 10-25% above U.S. rate
- >25% above U.S. rate

Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population.

Area specific rates with 95% confidence intervals are presented in Appendix H.

U.S. Prostate Cancer Incidence Rate, 1998-2002: 177.6 per 100,000 population

Source: Maryland Cancer Registry, 1998-2002

Maryland Prostate Cancer Mortality Rates (1999-2002) by Geographical Area: Comparison to U.S. Rate (1998-2002)

Legend

- >25% below U.S. rate
- 10-25% below U.S. rate
- Between 10% below and 10% above U.S. rate
- 10-25% above U.S. rate
- >25% above U.S. rate

Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population.

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U.S. Prostate Cancer Mortality Rate, 1998-2002: 30.3 per 100,000 population

Source: CDC WONDER, 1999-2002

Maryland Breast Cancer Incidence Rates (1998-2002) by Geographical Area: Comparison to U.S. Rate (1998-2002)

Legend

- >25% below U.S. rate
- 10-25% below U.S. rate
- Between 10% below and 10% above U.S. rate
- 10-25% above U.S. rate
- >25% above U.S. rate

Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population.

Area specific rates with 95% confidence intervals are presented in Appendix H.

U.S. Breast Cancer Incidence Rate, 1998-2002: 137.1 per 100,000 population

Source: Maryland Cancer Registry, 1998-2002

Maryland Breast Cancer Mortality Rates (1999-2002) by Geographical Area: Comparison to U.S. Rate (1998-2002)

Legend

- >25% below U.S. rate
- 10-25% below U.S. rate
- Between 10% below and 10% above U.S. rate
- 10-25% above U.S. rate
- >25% above U.S. rate

Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population.

Area specific rates with 95% confidence intervals are presented in Appendix H.

U.S. Breast Cancer Mortality Rate, 1998-2002: 26.4 per 100,000 population

Source: CDC WONDER, 1999-2002

Maryland Colorectal Cancer Incidence Rates (1998-2002) by Geographical Area: Comparison to U.S. Rate (1998-2002)

Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population.

Area specific rates with 95% confidence intervals are presented in Appendix H.

U.S. Colorectal Cancer Incidence Rate, 1998-2002: 54.0 per 100,000 population

Source: Maryland Cancer Registry, 1998-2002

Maryland Colorectal Cancer Mortality Rates (1999-2002) by Geographical Area: Comparison to U.S. Rate (1998-2002)

Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population.

Area specific rates with 95% confidence intervals are presented in Appendix H.

U.S. Colorectal Cancer Mortality Rate, 1998-2002: 20.5 per 100,000 population

Source: CDC WONDER, 1999-2002

Comparison of County Age-adjusted Death Rates* for Cerebrovascular Diseases with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Cerebrovascular Diseases with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Injury-related Death Rate/100K 2003

Source: DHMH, FHA, Center for Preventive Health Services

Injury-related Death Rate/100K 2004

Source: DHMH, FHA, Center for Preventive Health Services

Comparison of County Age-adjusted Death Rates* for Accidents with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Injury-related Deaths By Age per 100,000
Garrett County, 2003-2004

	5-14 yrs	15-24 yrs	25-34 yrs	35-44 yrs	45-54 yrs	55-64 yrs	65-74 yrs	75-84 yrs	85+ yrs	All Ages
2003	0	120	56	136	71	60	42	184	350	80
2004	0	23	58	94	69	86	81	120	311	63

Other Mortality Rates

All less than 20 deaths per year

Comparison of County Age-adjusted Death Rates* for Chronic Lower Respiratory Diseases with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Chronic Lower Respiratory Diseases with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Influenza and Pneumonia with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Influenza and Pneumonia with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Diabetes Mellitus with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

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Comparison of County Age-adjusted Death Rates* for Diabetes Mellitus with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

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Comparison of County Age-adjusted Death Rates* for Septicemia
with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Septicemia with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Human Immunodeficiency Virus (HIV) with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

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Comparison of County Age-adjusted Death Rates* for Human Immunodeficiency Virus (HIV) with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Alzheimer's Disease with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

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Comparison of County Age-adjusted Death Rates* for Alzheimer's Disease with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Assault (Homicide) with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Assault (Homicide) with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Intentional Self-Harm (Suicide) with the Maryland State Average, 2002-2004.

*Rates are shown on Table 50.

Comparison of County Age-adjusted Death Rates* for Intentional Self-Harm (Suicide) with the Maryland State Average, 2003-2005.

*Rates are shown on Table 50.

Hospital Data

Percent Above or Below the Maryland Average Rate
Injury-Related Emergency Department Visits, 2003

Source: Maryland Health Services Cost Review Commission, Ambulatory Care Dataset, DHMH.

Injury-related ED Visits per 100,000 Garrett County, 2003-2004

	0-4 yrs	5-14 yrs	15-24 yrs	25-34 yrs	35-44 yrs	45-54 yrs	55-64 yrs	65-74 yrs	75-84 yrs	85+ yrs	All Ages
2003	14,233	19,515	22,889	16,727	12,981	10,604	8,186	7,437	6,059	5,779	13,924
2004	18,895	21,150	20,956	16,935	13,114	10,535	7,982	7,186	10,054	11,820	14,427

Injury-related Hospitalizations per 100,000 Garrett County, 2003 – 2004

	0-4 yrs	5-14 yrs	15-24 yrs	25-34 yrs	35-44 yrs	45-54 yrs	55-64 yrs	65-74 yrs	75-84 yrs	85+ yrs	All Ages
2003	0	272	550	532	657	729	1,016	872	1,775	4,553	742
2004	386	75	516	731	701	440	1235	1615	2992	5910	916

Injury Related Hospitalizations-2003

Hypertension

Are you currently taking meds. for high blood pressure?

Cholesterol

Have you ever had your blood cholesterol checked?

Cholesterol

Had blood cholesterol checked in past 5 years?

Immunization

During the past 12 months have you had a flu shot?

Immunization

During the past 12 months have you had a flu shot?

Immunization

Have you ever pneumonia shot

Immunization

Have you ever pneumonia shot

Tobacco

Four Level Smoker Status

Tobacco

Four Level Smoker Status

Tobacco

Adults who are current smokers

Alcohol Consumption: During the last 30 days have you had at least 1 alcoholic drink

Source: BRFSS

Binge Drinking: Percent of adults having 5 or more drinks on one occasion in the past month.

Source: BRFSS

Heavy Drinkers: Adult men having >2 drinks/day and women having > 1 drink/day

Source: BRFSS

Oral Health

How long has it been since you visited a dentist?

Indoor Air Quality

During the last 12 months, how many days have you used a wood, coal or kerosene heater inside your home?

Indoor Air Quality

Do you have a CO2 detector in your home?

Fruit & Vegetable Consumption in Western MD

Source: 2005 BRFSS

Percentage Reporting Any Exercise in the Last Month

Source: 2005 BRFSS