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
- Maryland Youth Tobacco Survey
- Cancer Registry
## Garrett County Demographics

<table>
<thead>
<tr>
<th>Total Population –</th>
<th>2000</th>
<th>29,846</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2007</td>
<td>29,627</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Males</td>
<td>14,626</td>
<td>(49.4%)</td>
</tr>
<tr>
<td>Females</td>
<td>15,001</td>
<td>(50.6%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>29,021</td>
<td>(98%)</td>
</tr>
<tr>
<td>African American</td>
<td>209</td>
<td>(.7%)</td>
</tr>
<tr>
<td>Native American</td>
<td>23</td>
<td>(.1%)</td>
</tr>
<tr>
<td>Asian</td>
<td>68</td>
<td>(.2%)</td>
</tr>
<tr>
<td>Hispanic (of any race)</td>
<td>180</td>
<td>(.6%)</td>
</tr>
</tbody>
</table>

Source: US Census Bureau, Population Estimates Program
### Demographics (cont.)

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>People of All Ages in Poverty</td>
<td>(13.8%)</td>
</tr>
<tr>
<td>Percentage of Persons below 200% of Fed. Poverty Index</td>
<td>(45.5%)</td>
</tr>
<tr>
<td>Persons under 18 years of age</td>
<td>(20%)</td>
</tr>
<tr>
<td>Persons 65 years old and over</td>
<td>(16.2%)</td>
</tr>
<tr>
<td>Median Household Income 2005</td>
<td>$39,061</td>
</tr>
<tr>
<td>Median Household Income 2005 (MD)</td>
<td>$61,546</td>
</tr>
</tbody>
</table>

**Sources:**
- U.S. Census Bureau 1990 Model Based Estimate
- Maryland Office of Primary Care and Rural Health
Maternity and Child Health Data For Garrett County and Maryland
Number of Garrett County Births

Average Number of Births
1994 – 1999 = 361
2000 - 2006 = 319
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%)
Percentage of Births to Women Receiving First Trimester Prenatal Care

![Bar chart showing the percentage of births to women receiving first trimester prenatal care from 2000 to 2006. The chart compares MDs and GCs.]}
Percentage of Births Delivered by C-Section

![Graph showing the percentage of births delivered by C-section from 2000 to 2006. The graph compares two categories: MD and GC. The trend line indicates an upward trend for both categories over the years.]
Infant Mortality Rate
Per 1,000 Live Births

5 Deaths
## WIC Participation

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Monthly Participation</th>
<th>Unduplicated Participant Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>1,005</td>
<td>1,033</td>
</tr>
<tr>
<td>2000</td>
<td>1,017</td>
<td>1,344</td>
</tr>
<tr>
<td>2001</td>
<td>998</td>
<td>1,305</td>
</tr>
<tr>
<td>2002</td>
<td>938</td>
<td>Not Available</td>
</tr>
<tr>
<td>2003</td>
<td>936</td>
<td>Not Available</td>
</tr>
<tr>
<td>2004</td>
<td>994</td>
<td>1,378</td>
</tr>
<tr>
<td>2005</td>
<td>935</td>
<td>1,451</td>
</tr>
<tr>
<td>2006</td>
<td>904</td>
<td>1,391</td>
</tr>
<tr>
<td>2007</td>
<td>964</td>
<td>1,451</td>
</tr>
</tbody>
</table>
Medical Assistance Program Enrollment

Average Medicaid Enrollment
Garrett County

An average of 60% are children ages birth - 20 y/o

<table>
<thead>
<tr>
<th>Year</th>
<th>1997</th>
<th>1998</th>
<th>1999</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>4,332</td>
<td>4,582</td>
<td>5,325</td>
<td>5,773</td>
<td>5,720</td>
<td>6,040</td>
<td>6,122</td>
<td>6,073</td>
<td>6,007</td>
</tr>
</tbody>
</table>

Source: DHR FactPack
Mortality In Garrett County and Maryland
Comparison of County Age-adjusted Death Rates* for All Causes with the Maryland State Average, 2004-2006.
Comparison of County Age-adjusted Death Rate for All Causes for MD, 2004-2006

Source: Maryland Vital Statistics
Causes of Death, 2006
Garrett County

- Malignant Neoplasms: 42%
- Cerebrovascular Disease: 10%
- Suicide: 6%
- Diabetes Mellitus: 5%
- Accidents: 4%
- Influenza & Pneumonia: 3%
- Alzheimer's Disease: 2%
- Heart Disease: 7%
- Respiratory Disease: 21%
Age-adjusted Death Rates Per 100,000 Population Diseases of the Heart, 2003-2005

Source: Maryland Vital Statistics / DHMH

[Bar chart showing death rates per 100,000 population for different counties in Maryland, with the highest rate in Garrett County and the lowest in Mont. Charles County.]
Age-adjusted Death Rates Per 100,000 Population
Diseases of the Heart –2004-2006

Source: Maryland Vital Statistics / DHMH
Age-adjusted Death Rates Per 100,000 Population
Malignant Neoplasms, 2004-2006

Source: Maryland Vital Statistics / DHMH
Comparison of County Age-adjusted Death Rates* for Cerebrovascular Diseases with the Maryland State Average, 2004-2006.

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

*Notes are shown on Table 90,
Comparison of County Age-adjusted Death Rates* for Accidents with the Maryland State Average, 2004-2006.

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

*Rates are shown on Table 50.
Accident Related Death Rate
2004-2006

Source: DHMH, Vital Statistics

Fewer than 20 deaths

Maryland
Somerset
Mont. Howard
A. A. Balt. Co.
Worc.
St. Mary’s
Harford
 Allegany
Fred.
Q. A.
Wicomico
 Talbot
Balt. City
Carroll
Wash.
P. G.
Charles
Dorchester
Garrett
Kent
Cecil
Calvert
Caroline

35.5
Injury-related Deaths By Age per 100,000
Garrett County, 2003-2004

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2003</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-14 yrs</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>15-24 yrs</td>
<td>120</td>
<td>23</td>
</tr>
<tr>
<td>25-34 yrs</td>
<td>56</td>
<td>58</td>
</tr>
<tr>
<td>35-44 yrs</td>
<td>136</td>
<td>94</td>
</tr>
<tr>
<td>45-54 yrs</td>
<td>71</td>
<td>69</td>
</tr>
<tr>
<td>55-64 yrs</td>
<td>60</td>
<td>86</td>
</tr>
<tr>
<td>65-74 yrs</td>
<td>42</td>
<td>81</td>
</tr>
<tr>
<td>75-84 yrs</td>
<td>184</td>
<td>120</td>
</tr>
<tr>
<td>85+ yrs</td>
<td>350</td>
<td>311</td>
</tr>
<tr>
<td>All Ages</td>
<td>80</td>
<td>63</td>
</tr>
</tbody>
</table>
Injury-related ED Visits per 100,000
Garrett County, 2003-2004

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2003</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4 yrs</td>
<td>14,233</td>
<td>18,895</td>
</tr>
<tr>
<td>5-14 yrs</td>
<td>19,515</td>
<td>21,150</td>
</tr>
<tr>
<td>15-24 yrs</td>
<td>22,889</td>
<td>20,956</td>
</tr>
<tr>
<td>25-34 yrs</td>
<td>16,727</td>
<td>16,935</td>
</tr>
<tr>
<td>35-44 yrs</td>
<td>12,981</td>
<td>13,114</td>
</tr>
<tr>
<td>45-54 yrs</td>
<td>10,604</td>
<td>10,535</td>
</tr>
<tr>
<td>55-64 yrs</td>
<td>8,186</td>
<td>7,982</td>
</tr>
<tr>
<td>65-74 yrs</td>
<td>7,437</td>
<td>7,186</td>
</tr>
<tr>
<td>75-84 yrs</td>
<td>6,059</td>
<td>10,054</td>
</tr>
<tr>
<td>85+ yrs</td>
<td>5,779</td>
<td>11,820</td>
</tr>
<tr>
<td>All Ages</td>
<td>13,924</td>
<td>14,427</td>
</tr>
</tbody>
</table>
Injury-related Hospitalizations per 100,000
Garrett County, 2003 – 2004

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2003</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4 yrs</td>
<td>0</td>
<td>386</td>
</tr>
<tr>
<td>5-14 yrs</td>
<td>272</td>
<td>75</td>
</tr>
<tr>
<td>15-24 yrs</td>
<td>550</td>
<td>516</td>
</tr>
<tr>
<td>25-34 yrs</td>
<td>532</td>
<td>731</td>
</tr>
<tr>
<td>35-44 yrs</td>
<td>657</td>
<td>701</td>
</tr>
<tr>
<td>45-54 yrs</td>
<td>729</td>
<td>440</td>
</tr>
<tr>
<td>55-64 yrs</td>
<td>1,016</td>
<td>1,235</td>
</tr>
<tr>
<td>65-74 yrs</td>
<td>872</td>
<td>1,615</td>
</tr>
<tr>
<td>75-84 yrs</td>
<td>1,775</td>
<td>2,992</td>
</tr>
<tr>
<td>85+ yrs</td>
<td>4,553</td>
<td>5,910</td>
</tr>
<tr>
<td>All Ages</td>
<td>742</td>
<td>916</td>
</tr>
</tbody>
</table>
Injury Related Hospitalizations-2003

- FALL: 79
- MOTOR VEHICLE TRAFFIC: 30
- NATURAL ENVIRONMENT: 7
- OVEREXERTION: 7
- STRUCK BY/AGAINST: 8
- TRANSPORT OTHER: 10
- OTHER UNSPECIFIED: 39
- POISONING: 32

Total: 200
HEALTH SURVEY DATA

2005 BRFS Survey of Garrett County Residents
Hypertension

Are you currently taking meds. for high blood pressure? Question asked of 30% of population that answered that they have been told that they have elevated bp.

Source: 2005 BRFSS
Cholesterol

Have you ever had your blood cholesterol checked?

Source: 2005 BRFSS
Cholesterol

Had blood cholesterol checked in past 5 years?

Source: 2005 BRFSS
During the past 12 months have you had a flu shot?

- 0%
- 10%
- 20%
- 30%
- 40%
- 50%
- 60%
- 70%

Garrett
W. MD
Maryland
West Va.
USA

2005 BRFSS
Immunization

Have you ever pneumonia shot

Source: 2005 BRFSS
Immunization

Have you ever had a pneumonia shot

Source: 2005 BRFSS
Tobacco

Four Level Smoker Status

Source: 2005 BRFSS
Tobacco

Four Level Smoker Status

Source: 2005 BRFSS
Tobacco
Adults who are current smokers

Source: 2005 BRFSS
Underage Tobacco Use

% of Youth who smoked cigarettes in the past 30 days

Source: 2006 MD Tobacco Survey
Alcohol Consumption: During the last 30 days have you had at least 1 alcoholic drink

- **Total**
  - Garrett: 42.9%
  - Western Maryland: 57.9%
  - Maryland: 55.6%
  - USA: 65.8%
  - Pennsylvania: 63.5%
  - West Virginia: 52.3%

- **Male**
  - Garrett: 48.4%
  - Western Maryland: 50.6%
  - Maryland: 55.3%
  - USA: 63.2%
  - Pennsylvania: 63.5%
  - West Virginia: 50.6%

- **Female**
  - Garrett: 24.2%
  - Western Maryland: 35.8%
  - Maryland: 50.6%
  - USA: 48.2%
  - Pennsylvania: 47.7%
  - West Virginia: 24.2%

Source: 2005 BRFSS
Binge Drinking: Percent of adults having 5 or more drinks on one occasion in the past month.

Source: BRFSS - 2005
Oral Health

How long has it been since you visited a dentist?

Source: 2005 BRFSS
Indoor Air Quality

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

Source: 2005 BRFSS
Indoor Air Quality

Do you have a CO2 detector in your home?

Source: 2005 BRFSS
Fruit & Vegetable Consumption in Western MD

Source: 2005 BRFSS
Percentage Reporting Any Exercise in the Last Month

Source: 2005 BRFSS
Prevention Data
Percent of students who **ever used** any form of alcohol

1992 question was for beer and wine only

Source: Maryland State Dept of Education
Maryland Adolescent Survey
Percent of students who used any form of alcohol in the last 30 days

Source: Maryland State Dept of Education
Maryland Adolescent Survey

1992 question was for beer and wine only.
Percent of students consuming **five or more** servings of alcohol on the same occasion in the **last 30 days**

1992 question was for beer and wine only

Source: Maryland State Dept of Education
Maryland Adolescent Survey
Percent of students who **ever used** any drug other than alcohol or tobacco

Source: Maryland State Dept of Education
Maryland Adolescent Survey

1992 question not asked
Percent of students using any drug other than alcohol or tobacco in last 30 days

Source: Maryland State Dept of Education
Maryland Adolescent Survey

1992 question not asked
Percent of students using Marijuana (pot, grass) or hashish in last 30 days

Source: Maryland State Dept of Education
Maryland Adolescent Survey
Binge Drinking: Percent of adults having 5 or more drinks on one occasion in the past month.

Source: BRFSS - 2006
Treatment Data
Number of Admissions to Maryland Treatment Programs (Garrett County)

- **FY 2000**: 297 (Non-Funded) 12 (ADAA-Funded)
- **FY 2001**: 258 (Non-Funded) 14 (ADAA-Funded)
- **FY 2002**: 282 (Non-Funded) 16 (ADAA-Funded)
- **FY 2003**: 325 (Non-Funded) 14 (ADAA-Funded)
- **FY 2004**: 380 (Non-Funded) 21 (ADAA-Funded)
- **FY 2005**: 397 (Non-Funded) 23 (ADAA-Funded)
- **FY 2006**: 438 (Non-Funded) 0 (ADAA-Funded)

*Non ADAA funded programs not tracked in fy ‘06*
Number of Admissions to Maryland Treatment Programs (Garrett County)

<table>
<thead>
<tr>
<th>Year</th>
<th>Alcohol</th>
<th>Marijuana</th>
<th>Other Opiate</th>
<th>Heroin</th>
<th>Crack &amp; Cocaine</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2000</td>
<td>243</td>
<td>134</td>
<td>8</td>
<td>19</td>
<td>60</td>
</tr>
<tr>
<td>FY 2001</td>
<td>230</td>
<td>80</td>
<td>16</td>
<td>9</td>
<td>60</td>
</tr>
<tr>
<td>FY 2002</td>
<td>255</td>
<td>150</td>
<td>23</td>
<td>10</td>
<td>160</td>
</tr>
<tr>
<td>FY 2003</td>
<td>275</td>
<td>148</td>
<td>10</td>
<td>22</td>
<td>52</td>
</tr>
<tr>
<td>FY 2004</td>
<td>283</td>
<td>164</td>
<td>5</td>
<td>5</td>
<td>52</td>
</tr>
<tr>
<td>FY 2005</td>
<td>284</td>
<td>150</td>
<td>28</td>
<td>21</td>
<td>56</td>
</tr>
<tr>
<td>FY 2006</td>
<td>314</td>
<td>181</td>
<td>42</td>
<td>28</td>
<td>61</td>
</tr>
</tbody>
</table>

Maryland Alcohol and Drug Abuse Administration
Number of Adolescent Admissions to Maryland Treatment Programs (Garrett County)

Maryland Alcohol and Drug Abuse Administration

FY 2004 | FY 2005 | FY 2006
---|---|---
0 | 70 | 80
10 | 60 | 90
20 | 50 |
30 | 40 |
40 | 30 |
50 | 20 |
60 | 10 |
70 | 0 |
80 | 0 |
90 | 0 |

Non-Funded | ADAA Funded
Opiate Related Admissions to Treatment Programs (Garrett County)

*Other include but is not limited to prescription opiate abuse

Maryland Alcohol and Drug Abuse Administration
FY 2006 ADAA Funded Admissions by *Primary* Problem

- Benzodiazepine: 1
- Cocaine/Crack: 6
- Heroin: 17
- Marijuana/Hashish: 86
- Other Opiates and Synthetics: 14
- Alcohol: 246
- Amphetamines: 16

Source: SAMIS
2006 Center for Behavioral Health
TX Category by Admission Type (adults)

- Outpatient: 391
- IOP: 39
- Correctional: 34
- DWI Education: 31

Source: SAMIS
Center for Behavioral Health
Age at Admission (Outpatient)

Source: SAMIS
NEW OPPORTUNITIES
Drug Free Communities Grant

- 5 year grant
- $125,000 per year
- Administered by Drug and Alcohol Council
- Mini grants to community planning groups
- Training for law enforcement, parents, health care providers, human service providers etc.
- College intervention
Dare to be You Research Grant

- $88,000 per year – 3 to 5 year
- Middle school students and parents
- Currently only pre-school children and parents
- Research whether working with students and parents together is more effective than working with students alone.