MD’s State Health Improvement Process (SHIP)

Healthy People 2020 Framework & Local Health Action

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Director, Office of Population Health Improvement
August 2012
Maryland
State Health Improvement Process (SHIP)

January 2011 - New Office of Population Health Improvement charged to develop a framework and resources to align action at the local level to improve population health, and health equity

- NPHII Funding
SHIP VISION

INCREASE LIFE EXPECTANCY IN MARYLAND
ACROSS ALL
RACIAL AND ETHNIC GROUPS
AND GEOGRAPHIC REGIONS
Life Expectancy in Maryland
Shifting Sands: New Focus on Population Health Improvement

• Federal Government
  – CDC, CMS, HRSA
• State and Local Governments
• Nonprofit Hospitals
• Community Health
• Private Foundations
• Businesses
SHIP GOAL

To Catalyze And Integrate Efforts of –

• Public Health (PH accreditation)
• Hospitals (Community Benefits/IRS)
• Community Groups and Providers
  • (some - Patient Centered Medical Homes)
• Accountable Care Organizations
• Health Benefits Exchange

To Improve Population Health and Reduce Health Disparities
Selection of SHIP Objectives

- HP2020 measures
- Maryland plans, assessments, reports
- National assessments and reports
- Expert and leadership input
- Public feedback
  - Child maltreatment
  - Alzheimers
SHIP FRAMEWORK FOR POPULATION HEALTH IMPROVEMENT

State and Local Accountability

- **39 measures** - health outcomes and determinants informed by HP 2020
  - 19 data sources
- State and county **baselines and 2014 targets**
- **Racial/ethnic disparity information** for 28 measures
- “Maryland’s Leading Health Indicators”
Tour of HP2020 Application in SHIP Website

http://dhmh.maryland.gov/ship/SitePages/Home.aspx
SHIP Measures - Links to HP2020

Measure: Rate of infant deaths (per 1,000 live births)

Infant Mortality

<table>
<thead>
<tr>
<th></th>
<th>National, 2006</th>
<th>MD, 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Baseline</td>
<td>6.7</td>
<td>7.2</td>
</tr>
<tr>
<td>Current MD Baseline</td>
<td>6.0</td>
<td>6.0</td>
</tr>
<tr>
<td>Healthy People 2020 Target</td>
<td>6.0</td>
<td>6.0</td>
</tr>
<tr>
<td>MD 2014 Target</td>
<td>6.6</td>
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</table>

Source: National Vital Statistics System and Maryland Vital Statistics Administration

Go to Healthy People 2020 Objective
Detailed data information
SHIP Measures – Focus on Disparities

Disparities in Maryland

Rate of emergency department visits due to hypertension (per 100,000 population) by race and ethnicity

![Hypertension ED Visits](chart)

Source: Maryland Health Services Cost Review Commission, 2010 - Race and Hispanic origin are reported separately. Data for persons of Hispanic origin are included in these data for each race group according to self-reported race. Rates based on counts less than twenty are not presented due to instability.
## SHIP County Profiles

### High Impact Objectives

Figures in **red/green** represent when the county baseline is **worse/better** than the state baseline.

<table>
<thead>
<tr>
<th>Obj #</th>
<th>SHIP Measure (County Baseline Source)</th>
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<th>Maryland Baseline</th>
<th>Maryland 2014 Target</th>
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<tr>
<td>17</td>
<td>Rate of ED visits for asthma per 100,000 population (HSCRC 2010)</td>
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<td>671.0</td>
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<td>27</td>
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<td>Rate of ED visits for a behavioral health condition per 100,000 population (HSCRC 2010)</td>
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<td>1,206.3</td>
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<td>173.4</td>
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### High Morbidity Impact

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### Multiple Impact Objectives (those objectives with a high rate of return on investment)

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<th>Maryland Baseline</th>
<th>Maryland 2014 Target</th>
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<tr>
<td>3</td>
<td>Percentage of births that are LBW (VSA 2007-2009)</td>
<td>7.0%</td>
<td>9.2%</td>
<td>8.5%</td>
</tr>
<tr>
<td>6</td>
<td>Percentage of births where mother received first trimester prenatal care (VSA 2007-2009)</td>
<td>86.0%</td>
<td>80.2%</td>
<td>84.2%</td>
</tr>
<tr>
<td>11</td>
<td>Percentage of students who graduate high school four years after entering 9th grade (MSDE 2010)</td>
<td>91.1%</td>
<td>80.7%</td>
<td>84.7%</td>
</tr>
<tr>
<td>30</td>
<td>Percentage of adults who are at a healthy weight (not overweight or obese) (BRFSS 2008-2010)</td>
<td>30.5%</td>
<td>34.0%</td>
<td>35.7%</td>
</tr>
<tr>
<td>31</td>
<td>Percentage of youth (ages 12-19) who are obese (MYTS 2008)</td>
<td>9.4%</td>
<td>11.9%</td>
<td>11.3%</td>
</tr>
<tr>
<td>32</td>
<td>Percentage of adults who currently smoke (BRFSS 2008-2010)</td>
<td>18.6%</td>
<td>15.2%</td>
<td>13.5%</td>
</tr>
<tr>
<td>33</td>
<td>Percentage of high school students (9-12 grade) that have used any tobacco product in the past 30 days (MYTS 2010)</td>
<td>25.8%</td>
<td>24.8%</td>
<td>22.3%</td>
</tr>
</tbody>
</table>
## County Racial/Ethnic Disparities

### SHIP Measures Ranked by Percent Difference from Maryland Baseline (Worst to Best)

Figures in **RED/GREEN** represent when the county baseline is **WORSE/BETTER** than the state and national baselines.

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<tr>
<th>Obj#</th>
<th>SHIP Measure (County Baseline Source)</th>
<th>County Baseline</th>
<th>Maryland Baseline</th>
<th>National Baseline</th>
<th>County by Race/Ethnicity*</th>
<th>Maryland Target 2014</th>
<th>% Diff from Maryland Baseline</th>
<th>% Diff from National Baseline</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>Percentage of adults who currently smoke (BRFSS 2008-2010)</td>
<td>18.6%</td>
<td>15.2%</td>
<td>20.6%</td>
<td>White/NH-19.4% Black-9.6%</td>
<td>13.5%</td>
<td>-20.1</td>
<td>10.2</td>
</tr>
<tr>
<td>25</td>
<td>Rate of heart disease deaths per 100,000 population (age adjusted) (VSA 2007-2009)</td>
<td>227.6</td>
<td>194.0</td>
<td>190.9</td>
<td>White-227.6 Black-240.1</td>
<td>173.4</td>
<td>-15.9</td>
<td>-17.5</td>
</tr>
<tr>
<td>30</td>
<td>Percentage of adults who are at a healthy weight (not overweight or obese) (BRFSS 2008-2010)</td>
<td>30.5%</td>
<td>34.0%</td>
<td>30.8%</td>
<td>White/NH-30.6% Black-29.3%</td>
<td>35.7%</td>
<td>-10.9</td>
<td>-1.0</td>
</tr>
<tr>
<td>24</td>
<td>Percentage of adults who have had a flu shot in last year (BRFSS 2008-2010)</td>
<td>39.6%</td>
<td>43.0%</td>
<td>25.0%</td>
<td>White/NH-40.2% Black-30.4%</td>
<td>61.5%</td>
<td>-8.2</td>
<td>45.2</td>
</tr>
<tr>
<td>26</td>
<td>Rate of cancer deaths per 100,000 population (age adjusted) (VSA 2007-2009)</td>
<td>189.3</td>
<td>177.7</td>
<td>178.4</td>
<td>White-191.1 Black-198.2</td>
<td>169.2</td>
<td>-6.3</td>
<td>-5.9</td>
</tr>
</tbody>
</table>
SHIP Accomplishments
Population Health-Focused Leadership

• 17 Local/Regional Health Improvement Coalitions Mobilized in 2011
  – Public Health and hospital leaders
  – Community and BH leaders
  – Community members
  – Schools, veteran, aging and social services providers
  – Businesses and faith leaders
  – Safety and built environment planners
Local Health Improvement Coalition (LHIC) Information

("Additional local health planning information can be found by clicking on a jurisdiction below")
Hospital Support of Local Action

• Coalition engagement and planning was supported by Maryland hospitals with more than $450,000 in start up funding

• Hospitals planning IRS required Community Health Needs Assessments with their coalitions
Local Health Action

• Coalitions have laser focus on specific population health improvement goals

• Coalitions are prioritizing
  – specific racial and ethnic disparities
  – reductions in Emergency Dept visits for ambulatory care sensitive conditions
  – increased health care access
2012/2013 Coalition Priorities

• Local Action Priorities
  – Obesity (16)
  – Health Care Access (10)
  – Tobacco (9)
  – Behavioral Health (9)
  – Cardiovascular Disease (8)
  – Birth Outcomes/Reproductive Health (8)
  – Diabetes (7)
  – Other (1-6) Cancer, Safe Environments, Immunizations, Health Literacy, Infectious, Chronic, & Respiratory Disease
## SHIP Accomplishments
### 2014 Population Health Targets

<table>
<thead>
<tr>
<th>County Outcome Objective</th>
<th>Current Baseline</th>
<th>2014 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Increase life expectancy in Prince George’s County</strong></td>
<td>77.5 years (life expectancy at birth, VSA 2009)</td>
<td>81.4 years using 5% increase</td>
</tr>
<tr>
<td><strong>Increase the proportion of persons with health insurance</strong></td>
<td>82.2% (percentage of civilian non-institutionalized ages 18-64 with any type of health insurance, BRFSS 2008-2010)</td>
<td>91.1% using midpoint to Healthy People (HP) 2020</td>
</tr>
<tr>
<td><strong>Reduce the proportion of individuals who are unable to obtain, or delay obtaining, necessary medical care, dental care, or prescription medications</strong></td>
<td>15.8% (percentage of people who reported that there was a time in the past 12 months when they could not afford to see a doctor, BRFSS 2008-2010)</td>
<td>15% using 5% decrease</td>
</tr>
<tr>
<td><strong>Increase the proportion of low income children and adolescents who receive dental care</strong></td>
<td>57.8% (percentage of low income children ages 4-20 enrolled in Medicaid that received a dental service in the past year, Medicaid Calendar Year 2009)</td>
<td>60.7% using 5% increase</td>
</tr>
<tr>
<td><strong>Increase the percentage of adults who visited a dentist within the past year</strong></td>
<td>70.7% (percentage who visited a dentist for any reason in the past year, BRFSS 2010)</td>
<td>74.2% using 5% increase</td>
</tr>
</tbody>
</table>
Local Action Support

• $600,000 in Community Health Resources Commission Grants
• National Leadership Academy for the Public’s Health
• Hospital Community Benefits
Local Action Support
Community Transformation

- Community Transformation Focus
  - tobacco free living
  - active living
  - healthy eating
  - clinical and community preventive services

- Institute for a Healthiest Maryland
  - Building local capacity in policy, environmental and structural chronic disease prevention interventions

- Local Funding to Implement Evidence-Based Chronic Disease Reduction Policies, Systems and Environmental Changes
CONNECT TO SHIP AND LOCAL COALITION HEALTH ACTION

SHIP website links to 17 coalitions’ websites
http://dhmh.maryland.gov/ship/SitePages/Home.aspx

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Friend us on FB  http://www.facebook.com/MarylandSHIP
For More Information

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