Burden of Diabetes
Allison Smith, MPH, CHES
Diabetes and Vision Program Manager
Diabetes in Georgia

- Between 2000 and 2013, there were 223,924 diabetes-related hospitalizations in Georgia. Approximately 1 in 10 Georgia adults has diabetes.

- The prevalence of diabetes has increased by almost half since 2000 when an estimated 6.8% of adults had diabetes, compared to 9.7% in 2010, an increase of almost half.

- Approximately 6.5% of Georgians with diabetes have not been tested and diagnosed.

- Georgia’s death rate for diabetes is 8% higher than the national average.
Diabetes in Georgia

• Diabetes hospitalizations from Georgia’s Medicaid and State Health Benefit Plan populations resulted in charges of $30 million in 2013 for just 36,567 admissions.

• As of 2013 the total cost of diabetes in Georgia is approximately $5.1 billion, of that $3.3 billion was attributed to direct medical cost and the remaining $1.8 billion was attributed to loss of productivity and sick days.

• Georgia currently has only 92 accredited self-management programs; an insufficient number to meet the needs of the already nearly 1 million people with diabetes.
Age-Adjusted Diabetes Death Rate
By Public Health District, 2013
Diabetes Prevalence Trend
2004-2013

Percentage of Adults 18 Years of Age and Older who have Diabetes,
U.S. and Georgia, 2004-2013

Healthy People 2010: Reduce the overall rate of diabetes that is clinically diagnosed no more than 25 per 1,000 people (2.5%)
Percentage Georgia Adults 18+, Who Have Ever Been Told by a Doctor They Have Diabetes (self reported)
U.S.
# Prevalence of Diabetes Conditions Among GA Adults

<table>
<thead>
<tr>
<th>Diabetes Condition</th>
<th>Prevalence</th>
<th>Estimated Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diagnosed Diabetes</td>
<td>9.7%</td>
<td>703,289</td>
</tr>
<tr>
<td>Undiagnosed Diabetes*</td>
<td>6.5%</td>
<td>461,293</td>
</tr>
<tr>
<td>Prediabetes (Borderline Diabetes)</td>
<td>1.1%</td>
<td>79,720</td>
</tr>
<tr>
<td>Gestational Diabetes~</td>
<td>3.0%</td>
<td>3,782</td>
</tr>
</tbody>
</table>

*Estimate is derived from the Centers for Disease Control and Prevention’s Diagnosed and Undiagnosed Diabetes prevalence for adults 20 years of age and older only. For more information, see [http://www.cdc.gov/diabetes/pubs/pdf/ndifs_2011.pdf](http://www.cdc.gov/diabetes/pubs/pdf/ndifs_2011.pdf)  
~Estimate derived from 2010 Birth Certificate Data  
Data Source: Behavioral Risk Factor Surveillance System (2010)
Burden of Diabetes

- Diabetes is a leading cause of death and disability in the United States.

- The prevalence of diabetes has increased by 43% from 2000 to 2010.

- Approximately 1 in 10 Georgia adults live with diabetes.
Financial Impact of Diabetes

• More than $1 of every $10 spent on health care in the U.S. goes directly toward diabetes and its complications.

• In 2012, diabetes cost the nation some $245 billion ($176 billion direct medical costs indirect cost $69 billion).

• Georgia medical expenses attributable to diabetes in Georgia totaled $6.6 billion and indirect expenses, such as lost productivity and premature mortality, totaled more than $2.4 billion.

• People with diagnosed diabetes, have medical expenditures that total approximately 2.3 times higher than those without diabetes.
How to reduce this burden.

– Promote awareness and screening for pre-diabetes among people at high risk of type 2 diabetes;
– Provide information to insurers and health systems regarding the return on investment for diabetes control initiatives;
– Promote participation in the Diabetes Prevention Program for people with risk factors for diabetes or pre-diabetes;
– Support quality improvement initiatives to improve A1C control and reporting of A1C control by healthcare providers; and,
– Increase the use of healthcare extenders in the community to support diabetes self-management programs.
ADA and AADE Accredited Diabetes Self-Management Program Locations

As of 2014:

- 69 ADA Recognized Diabetes Self-Management Programs
- 22 AADE Accredited Diabetes Self-Management Programs
Contact Information

Allison Smith, MPH, CHES
*Diabetes and Vision Program Manager*
Georgia Department of Public Health, Chronic Disease Prevention Section
Office: 404-657-6636
Email: Allison.Smith@dph.ga.gov
2 Peachtree Street NE, Atlanta, GA 30303
16th Floor, Suite 16-463