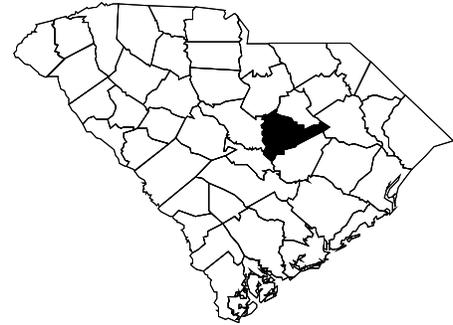




Diabetes In Sumter County, 2012



Produced by the South Carolina Department of Health and Environmental Control

Impact of Diabetes in the United States

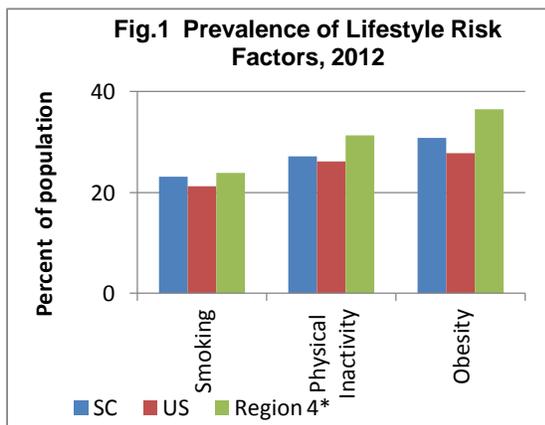
- Diabetes affects 25.8 million Americans and contributes to approximately 231,000 deaths a year.
- Diabetes is becoming more common in the United States. From 1980 through 2011, the number of Americans with diagnosed diabetes has more than tripled (from 5.6 million to 20.9 million).
- The direct and indirect costs of diabetes in the U.S. were nearly \$174 billion in 2008.
- 69,701 people died of diabetes in the U.S. in 2010.

Diabetes in South Carolina

- Approximately 421,549 adults in South Carolina are diagnosed with diabetes. African Americans have a 42% higher prevalence than Whites.
- The total direct costs of hospitalizations and emergency room visits were over \$4.7 billion in 2012.
- Diabetes is the seventh leading cause of death in South Carolina, claiming 1,186 lives in 2012.

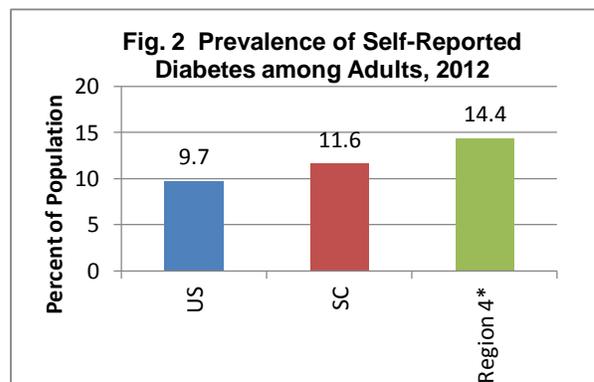
Behavioral Risk Factors

Major behavioral risk factors, such as obesity and physical inactivity are partially responsible for development of type 2 diabetes (Fig 1).



Diabetes Prevalence

- An estimated 14.4% of adults in Region 4 suffer annually from diabetes (Fig 2).

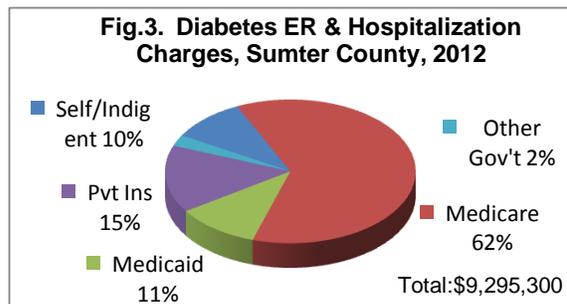


*County-level BRFSS not available for 2012.

Hospital and Emergency Room Discharges

- In 2012, there were 411 hospitalizations for diabetes in Sumter County for all ages.
- There were an additional 3216 hospital discharges with diabetes-related conditions in Sumter County.
- In 2012, there were 341 emergency room (ER) visits for diabetes as the primary diagnosis, among which 269 (79%) were by African-American patients.

There were 4989 ER visits for diabetes as a related condition.



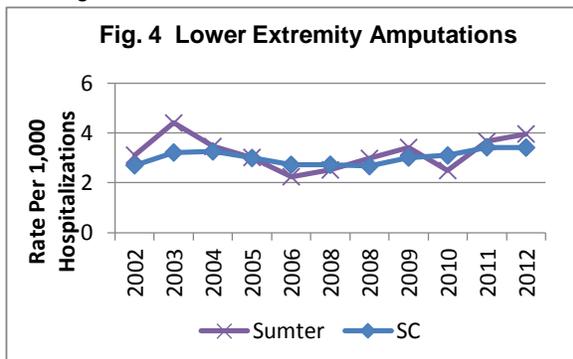
- Medicare paid for 62% of the ER and Hospitalization charges in Sumter County (Fig 3).

Complications

- 43% of patients hospitalized in SC for diabetes had complications in 2012; 46% of hospitalizations in Sumter County (Table 1).
- In 2011, more than 74% of people in SC with diabetes had hypertension, compared with only 30% of people without diabetes.

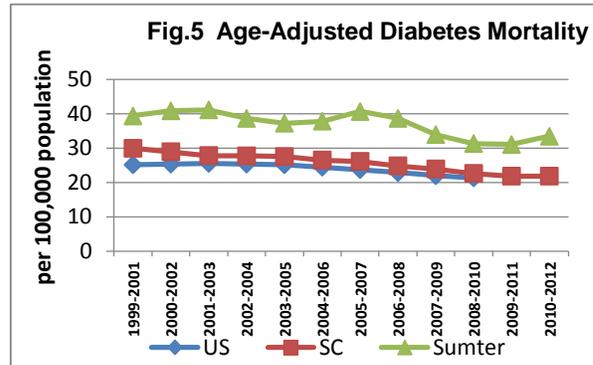
Diabetes Complication	Hospital Admissions	Percent of Diabetes Hospital Admissions	Total Charges
Renal Failure	1,190	34%	\$31,625,900
Lower Extremity Amputation	60	2%	\$4,058,900
Ketoacidosis	174	5%	\$3,513,500
Retinopathy	215	6%	\$5,839,800

- In 2011, more than 67% of people with diabetes had high cholesterol.
- 2012, the rates for lower extremity amputations among blacks in SC were 3times the rates among whites.



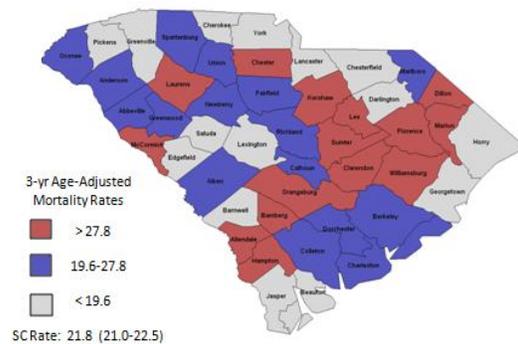
Mortality

- Diabetes is the fifth leading cause of death in Sumter County.
- A total of 42 people in Sumter County died from diabetes in 2012.



- The Sumter County mortality rate was 36.2/100,000 in 2012, above the state average.
- Sumter County ranks #9 in diabetes mortality in South Carolina 2010-2012.

Fig. 6 Diabetes Mortality 2010-2012



For More Information about diabetes contact:

Division of Diabetes, Heart Disease, Obesity and School Health
DHEC Bureau of Community Health and Chronic Disease Prevention

<http://www.dhec.sc.gov/health/chcdp/diabetes/index.htm>

(803) 898-1635

Diabetes Initiative of South Carolina

<http://www.musc.edu/diabetes/>



Generated by: Division of Chronic Disease Epidemiology,
Bureau of Community Health and Chronic Disease Prevention

http://www.scdhec.gov/hs/epidata/state_reports.htm

Data Sources:

Behavioral Risk Factors and Diabetes Prevalence:

SC BRFS

<http://www.scdhec.gov/administration/phsis/biostatistics/brfss/>

Mortality Data:

Vital Statistics, DHEC Division of Biostatistics 803-898-3627



Hospital Discharges and ER Visits:

Office of Research and Statistics SC
Budget and Control Board (803) 898-



For more details, please view the Technical Document below

www.scdhec.gov/health/epidata/docs/EpiTechNotes.pdf