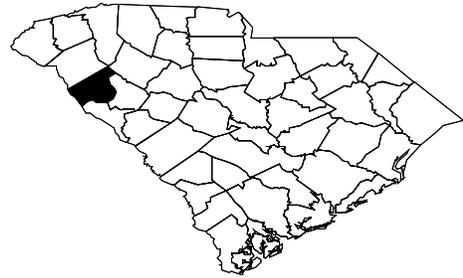




Diabetes in ABBEVILLE County, 2010



Produced by the South Carolina Department of Health and Environmental Control

Impact of Diabetes in the United States

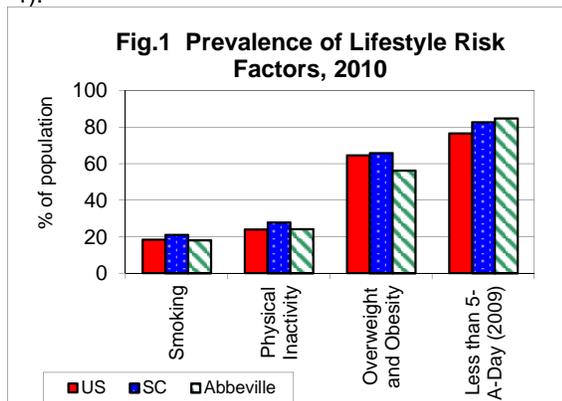
- Diabetes affects 25.8 million Americans and contributes to approximately 231,000 deaths a year.
- Diabetes is becoming more common in the United States. From 1980 through 2010, the number of Americans diagnosed with diabetes increased from 5.6 million to 18.8 million.
- The direct and indirect costs of diabetes in the U.S. were nearly \$174 billion in 2007.
- 71,382 people died of diabetes in the U.S. in 2007.

Diabetes in South Carolina

- Approximately 371,476 adults in South Carolina are diagnosed with diabetes. African Americans have nearly twice the prevalence than Whites.
- The total direct costs of hospitalizations and emergency room visits were over \$4.1 billion in 2010.
- Diabetes is the seventh leading cause of death in South Carolina, claiming 1,114 lives in 2009.

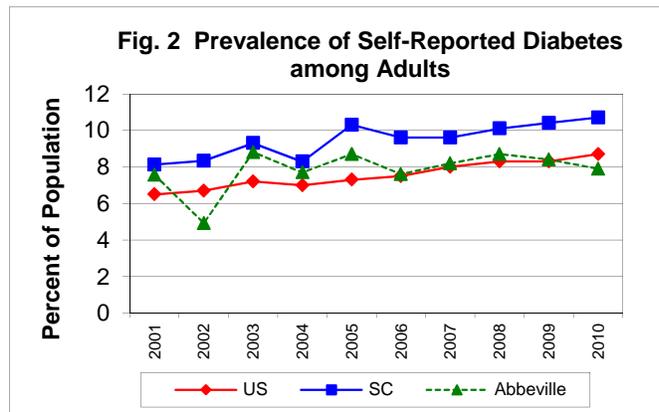
Behavioral Risk Factors

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



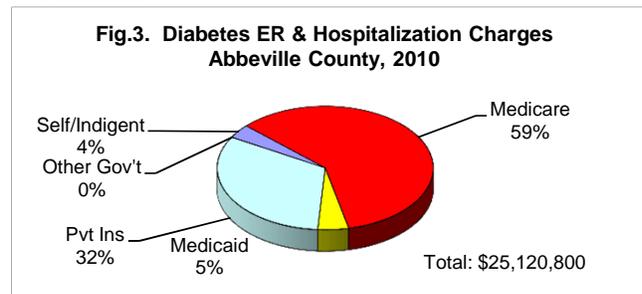
Diabetes Prevalence

- An estimated 1529 adults (7.9% of adults) in Abbeville County suffer annually from Diabetes (Fig 2).



Hospital and Emergency Room Discharges

- In 2010, there were 74 hospitalizations for Diabetes in Abbeville County for all ages.
- There were an additional 526 hospital discharges with diabetes-related conditions in Abbeville County.
- In 2010, there were 89 emergency room (ER) visits for diabetes as the primary diagnosis, among which 59 (66%) were by African-American patients.
- There were 1179 ER visits for diabetes as a related condition.



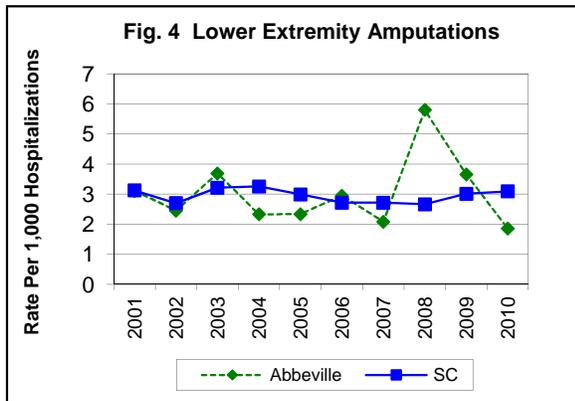
- Medicare paid for 59% of the ER and Hospitalization charges in Abbeville County (Fig 3).

Complications

- 40% of patients hospitalized in SC for diabetes had complications in 2010; 46% of hospitalizations in Abbeville County (Table 1).
- In 2010, more than 74% of people in SC with diabetes had hypertension, compared with only 29.7% of people without diabetes.

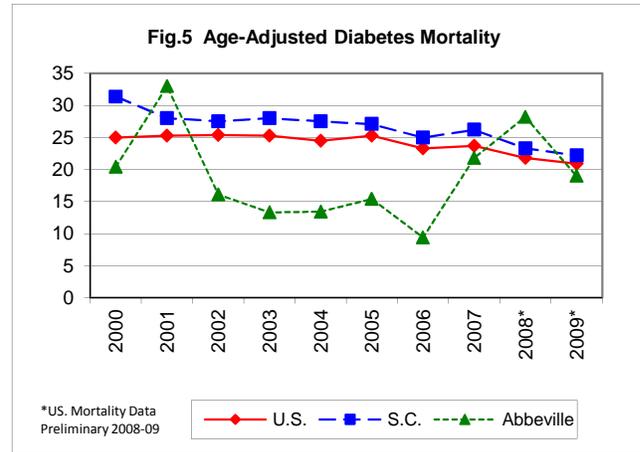
Diabetes Complication	Hospital Admissions	Percent of Diabetes Hospital Admissions	Total charges
Renal Failure	207	35%	\$9,518,300
Lower Extremity Amputation	5	1%	\$293,200
Ketoacidosis	45	8%	\$1,302,500
Retinopathy	18	3%	\$598,700

- In 2010, more than 67% of people with diabetes had high cholesterol.
- In 2010, the rates for lower extremity amputations among blacks in SC were 2.75 times the rates among whites.

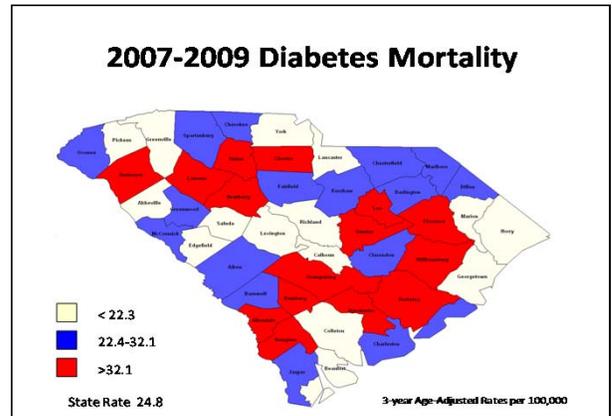


Mortality

- Diabetes is the seventh leading cause of death in Abbeville County.
- A total of 6 people in Abbeville County died from diabetes in 2009.



- The Abbeville County mortality rate was 19/100,000 in 2009, below the state average.
- Abbeville County ranks #25 in diabetes mortality in South Carolina in 2007-2009.



For More Information about diabetes contact:

Division of Diabetes Prevention and Control:
 DHEC Bureau of Community Health and Chronic Disease Prevention
<http://www.dhec.sc.gov/health/chcdp/diabetes/index.htm>
 (803) 545-4471

Diabetes Initiative of South Carolina
<http://www.musc.edu/diabetes/>



Generated by: Office of Chronic Disease Epidemiology and Evaluation, Bureau of Community Health and Chronic Disease Prevention
http://www.scdhec.gov/hs/epidata/state_reports.htm

Data Sources:

For more details, please view the Technical Document below
www.scdhec.gov/health/epidata/docs/EpiTechNotes.pdf

Hospital Discharges and ER Visits, contact:
 Office of Research and Statistics SC
 Budget and Control Board
 (803) 898-9958

