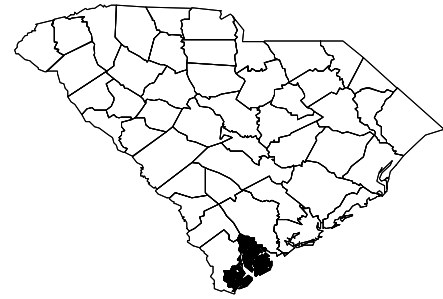




Diabetes In BEAUFORT County, 2002



Produced by the South Carolina Department of Health and Environmental Control

Impact of Diabetes in the United States

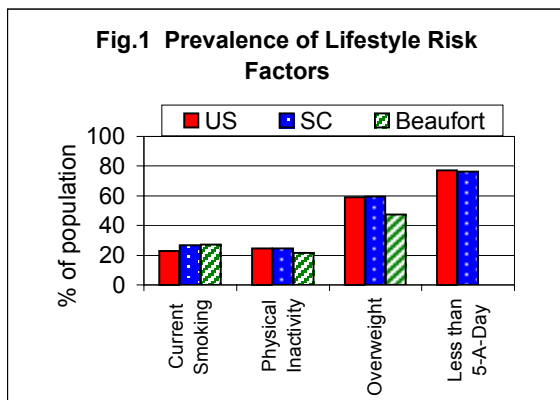
- Diabetes affects more than 17 million Americans and contributes to over 200,000 deaths a year.
- From 1980 through 2002, the number of Americans with diabetes more than doubled. People aged 65 years or older account for almost 40% of the population with diabetes.
- The direct and indirect costs of diabetes in the U.S. were nearly \$132 billion in 2002.
- 73,249 people died of diabetes in the U.S. in 2002.

Diabetes in South Carolina

- Approximately 300,000 South Carolinians are affected by diabetes, many of who were still undiagnosed in 2002. One of every seven patients in a South Carolina hospital has diabetes.
- The total direct costs of hospitalizations and emergency room visits were over \$928 million in 2001.
- Diabetes is the sixth leading cause of death in South Carolina, claiming more than 1,114 lives in 2002.

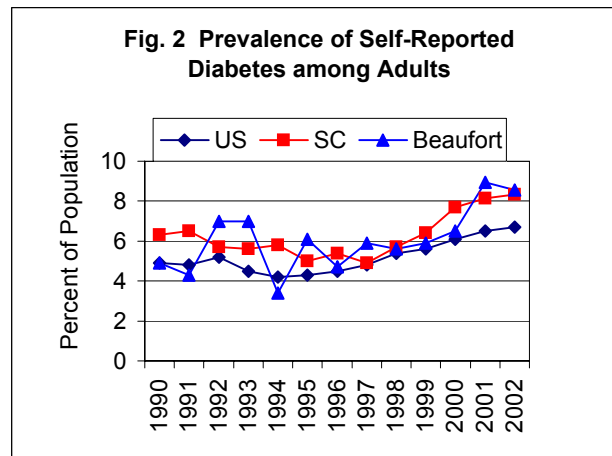
Behavioral Risk Factors

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



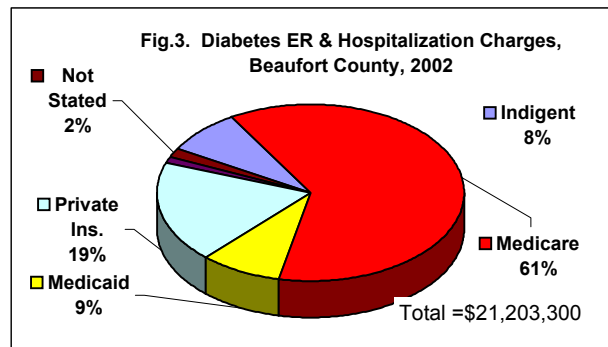
Diabetes Prevalence

- An estimated 8388 adults (8.6% of adults) in Beaufort County suffer annually from Diabetes.



Hospital and Emergency Room Discharges

- In 2002, there were 195 hospitalizations for Diabetes in Beaufort County for all ages.
- There were an additional 1277 hospital discharges with diabetes-related conditions in Beaufort County.
- In 2002, there were 235 emergency room (ER) visits for diabetes as the primary diagnosis, among which 166 (71%) were by African-American patients.
- There were 805 ER visits for diabetes as a related condition.

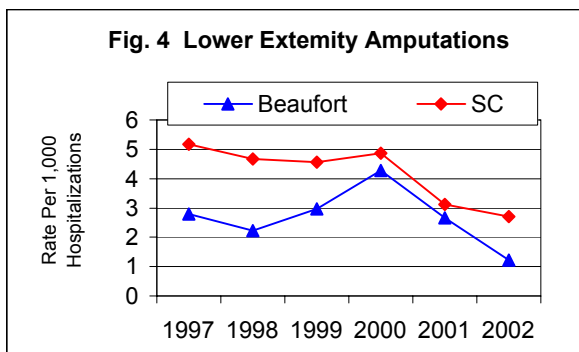


Complications

- Four out of five (82%) patients hospitalized in SC for diabetes had complications in 2001.
- In 2002, nearly two-thirds of people in SC with diabetes had hypertension, compared with only one-fourth of people without diabetes.

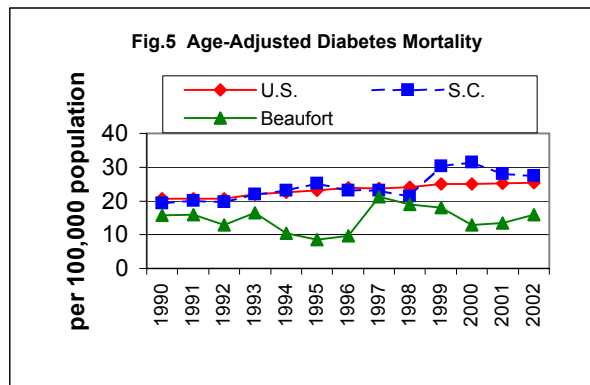
| Diabetes Compli-cation | Hospital Admissions | Percent of Diabetes Hospital Admissions | Total costs |
|----------------------------|---------------------|---|-------------|
| Renal Failure | 135 | 9% | \$1,972,400 |
| Lower Extremity Amputation | 18 | 1% | \$517,300 |
| Keto-acidosis | 52 | 4% | \$690,300 |
| Retinopathy | 89 | 6% | \$1,342,400 |

- Nearly half of people with diabetes have high cholesterol.
- In 2002, the rates for lower extremity amputations among blacks in SC were three to five times the rates among whites.

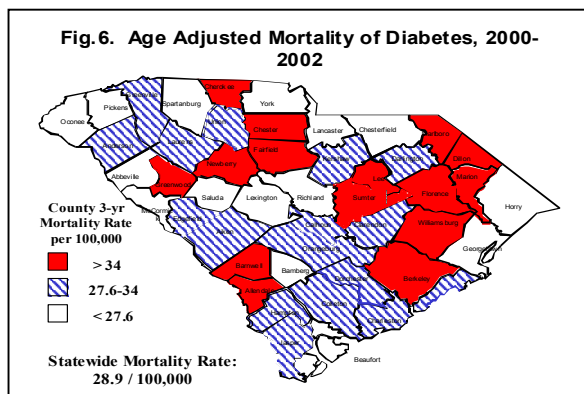


Mortality

- Diabetes is the seventh leading cause of death in Beaufort County.
- A total of 23 people in Beaufort County died from diabetes in 2002.



- The Beaufort County mortality rate was 16/100,000 in 2002, below the state average.
- Beaufort County ranks #43 in diabetes mortality in South Carolina.



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://medicine.musc.edu/diabetes/>



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

Data Sources:

Behavior Risk Factor Surveillance System
(803) 898-4467

Bureau of Community Health and Chronic Disease Prevention

Vital Records
Division of Biostatistics
(803) 898-3649
www.scdhec.net



Hospital discharges and ER visits, contact
Office of Research and Statistics
SC Budget and Control Board
(803) 898-9958
www.orss.state.sc.us/hd

