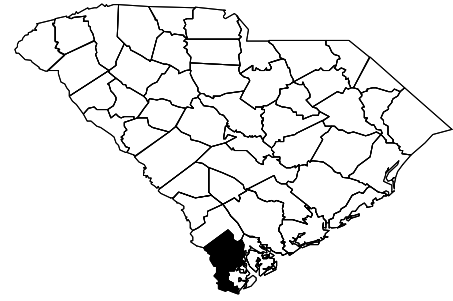




Diabetes In JASPER County, 2002



Produced by the South Carolina Department of Health and Environmental Control

Impact of Diabetes in the United States

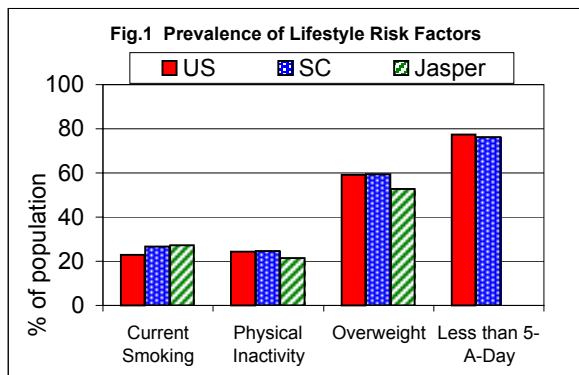
- Diabetes affects more than 17 million Americans and contributes to over 200,000 deaths a year.
- From 1980 through 2002, the number of Americans with diabetes more than doubled. People aged 65 years or older account for almost 40% of the population with diabetes.
- The direct and indirect costs of 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.

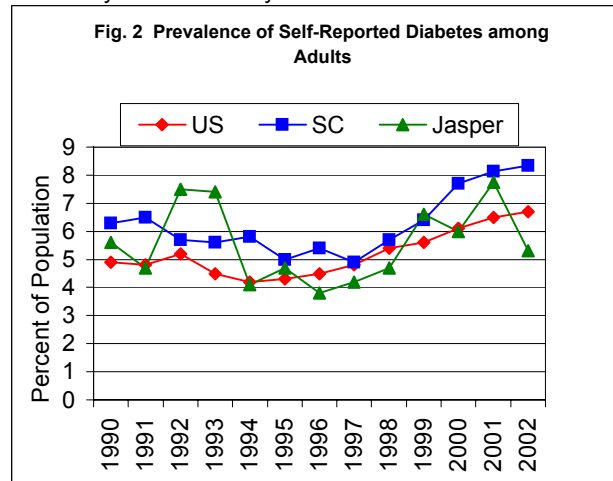
Behavioral Risk Factors

- 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 838 adults (5.3% of adults) in Jasper County suffer annually from Diabetes.

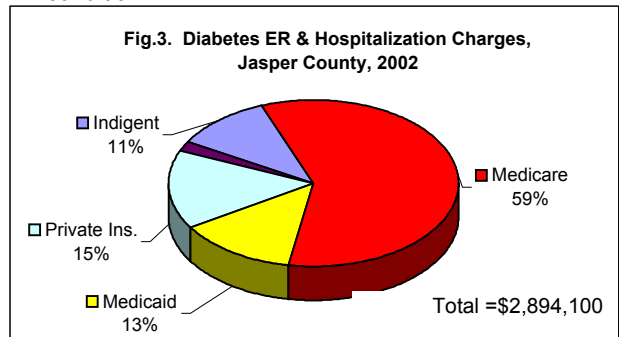


Hospital and Emergency Room Discharges

- In 2002, there were 27 hospitalizations for Diabetes in Jasper County for all ages.
- There were an additional 219 hospital discharges with diabetes-related conditions in Jasper County.

- In 2002, there were 64 emergency room (ER) visits for diabetes as the primary diagnosis, among which 55 (86%) were by African-American patients.

- There were 176 ER visits for diabetes as a related condition.



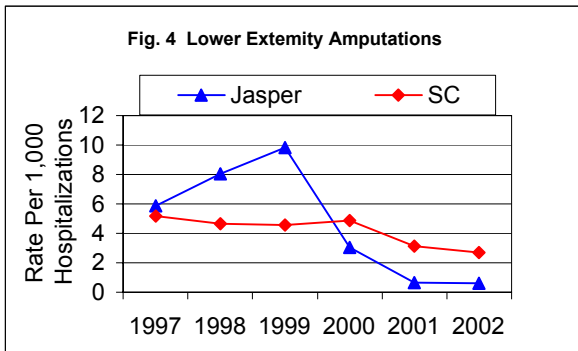
Complications

- 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.

Table 1. Hospitalizations for Diabetes Complications in Jasper County in 2002.

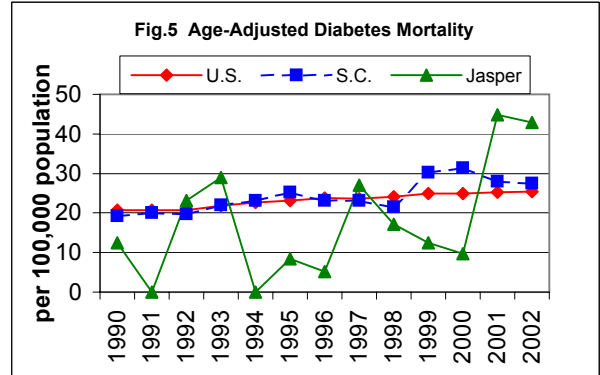
Diabetes Complication	Hospital Admissions	Percent of Diabetes Hospital Admissions	Total costs
Renal Failure	19	8%	\$206,600
Lower Extremity Amputation	1	0%	\$20,600
Keto-acidosis	14	6%	\$148,100
Retinopathy	15	6%	\$195,700

- 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.

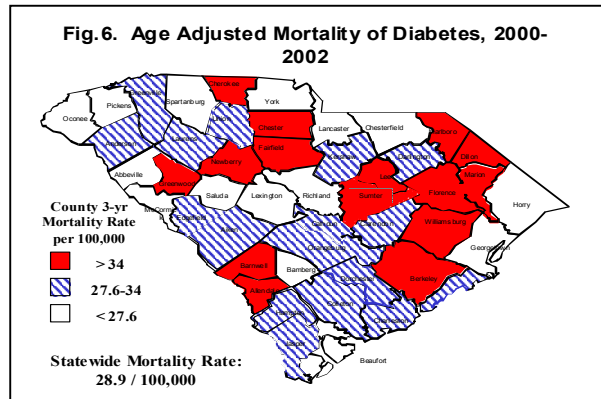


Mortality

- Diabetes is the fourth leading cause of death in Jasper County.
- A total of 9 people in Jasper County died from diabetes in 2002.



- The Jasper County mortality rate was 42.9/100,000 in 2002, above the state average.
- Jasper County ranks #8 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

