Progress in Reducing Amputations
Data

• To evaluate the effect of REACH interventions, changes in rates and costs from diabetes-related lower extremity amputations (LEA) in all African Americans living in Charleston and Georgetown Counties during the REACH intervention years (mid 1999-2011) are compared to trends in rates and costs in:
  • African Americans in the two-county area prior to REACH (1992-1999);
  • Whites in the two-county area; and
  • African Americans and Whites living in South Carolina (excluding those living in Charleston and Georgetown Counties).
Figure 2. Lower Extremity Amputations for Charleston and Georgetown Counties by Race

Data Source: Hospital Discharge Data, Office of Research and Statistics
Prepared by Division of Chronic Disease Epidemiology 5/13
Figure 3. Lower Extremity Amputations for Charleston and Georgetown Counties by Race in Females

Age-Adjusted Rates per 100,000 population

Before REACH
During REACH

Data Source: Hospital Discharge Data, Office of Research and Statistics
Prepared by Division of Chronic Disease Epidemiology 5/13
Figure 4. Lower Extremity Amputations for Charleston and Georgetown Counties by Race in Males

Data Source: Hospital Discharge Data, Office of Research and Statistics
Prepared by Division of Chronic Disease Epidemiology
Figure 5. Lower Extremity Amputation Rates by Race per 1000 Hospital and ED Visits for Diabetes for Charleston and Georgetown County, SC

Data Source: SC Hospital Discharge Data, SC ORS
Created by DHEC Office of Chronic Disease Epidemiology and Evaluation 08/12
Figure 6. Lower Extremity Amputation Rates by Race and Gender 1000 Hospital and ED Visits for Diabetes for Charleston and Georgetown County, SC

Rates per 1000 Hospital and ED visits for Diabetes

Before REACH

During REACH

Data Source: SC Hospital Discharge Data, SC ORS

Created by DHEC Office of Chronic Disease Epidemiology and Evaluation 08/12
Figure 7. South Carolina and Combined Charleston and Georgetown Average Length of Stay for Lower Extremity Amputations, 1992-2011

Before REACH

During REACH

Number of Days

Data Source: SC Hospital Discharge Data, SC ORS

Created by DHEC Office of Chronic Disease Epidemiology and Evaluation 08/12
Figure 8. Inflation-Adjusted Lower Extremity Amputation Total Charges for Charleston & Georgetown compared to SC, 1992-2011

Data Source: SC Hospital Discharge Data, SC ORS
Created by DHEC Office of Chronic Disease Epidemiology and Evaluation 08/12
Figure 9. Inflation-Adjusted Average Charge per Day for Lower Extremity Amputations

Data Source: SC Hospital Discharge Data, SC ORS

Created by DHEC Office of Chronic Disease Epidemiology and Evaluation 08/12