

# COORDINATED CHRONIC DISEASE FACT SHEET GEORGETOWN County, 2013



In the year 2013 the leading causes of death among South Carolinians were cancer, heart disease, chronic lower respiratory disease, stroke, accidents, Alzheimer’s disease, diabetes, nephritis, nephritic syndrome and nephrosis, influenza and pneumonia, and septicemia. This report focuses on the chronic conditions of the population of Georgetown county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The largest portion (29%) of the population in Georgetown county are between the ages of 45-64, and there are more females (52%) than males (48%). Georgetown county has a higher minority population (33%) and a higher elderly population (23%) than the state's.

	GEORGETOWN COUNTY	STATE
<b>Population size</b>	60,440	4,774,840
<b>Age distribution (%)</b>		
<18	20.1	22.8
18-44	27.4	35.4
45-64	29.3	26.6
65-84	21.1	13.6
85+	2.2	1.6
<b>Race (%)</b>		
White	65.8	69.2
Black	33.2	28.5
<b>Sex (%)</b>		
Male	47.7	48.7
Female	52.3	51.3

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, high cholesterol, and low consumption of fruits and vegetables. The prevalence of these risk factors from the 2013 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for the Health Region.\*

RISK FACTOR	Region*					State
	Total	Blacks	Whites	Males	Females	Total
Current smoking (%)	22.42	20.89	22.85	26.76	18.84	22.00
Sedentary lifestyle (%)	33.80	35.53	32.69	29.14	37.63	26.87
Overweight or Obese (%)	67.62	76.48	63.74	71.47	64.31	66.47
High Cholesterol (%)	49.90	47.92	50.25	51.87	48.42	42.58
Median daily servings of fruits	0.98	0.96	0.97	0.72	0.99	0.99
Median daily servings of vegetables	1.41	1.07	1.57	1.37	1.42	1.50

Some preventive measures such as immunization were included in the 2013 SC BRFSS. For persons age 65 and older in South Carolina:

- 35% have not received the flu shot in the past 12 months
- 30% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	47.1	NA	NA	NA	NA	38.4
Number of hospitalizations	114	64	49	55	59	5,334
Crude rate of hospitalizations (per 100,000)	189	319	123	191	187	112
Median age of hospitalized patients	66	59	74	64	66	59
Total cost of hospitalization (\$)	3,069,500	1,696,700	1,236,500	1,529,100	1,540,400	200,069,800
Average length of hospital stay (days)	4	4	3	4	4	5
Number of ER visits	384	205	178	145	239	15,651
Crude rate of ER visits (per 100,000)	635	1,020	448	503	756	328
Median age of ER patients	60	55	67	56	60	54
Total cost of ER visits (\$)	1,227,500	575,800	648,200	463,900	763,600	49,710,700
Number of deaths	12	8	4	5	7	418
Age-Adjusted Death rate (per 100,000)	14.2	40.5	6.2	15.6	13.2	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6.4	NA	NA	NA	NA	4.9
Number of hospitalizations	1,102	285	803	588	514	50,827
Crude rate of hospitalizations (per 100,000)	1,823	1,419	2,020	2,041	1,625	1,064
Median age of hospitalized patients	71	66	73	69	73	68
Total cost of hospitalization (\$)	56,221,400	10,625,400	44,750,800	34,618,600	21,602,800	3,099,389,600
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ER visits	359	112	246	173	186	19,962
Crude rate of ER visits (per 100,000)	594	557	619	600	588	418
Median age of ER patients	66	58	70	66	66	64
Total cost of ER visits (\$)	2,311,500	741,200	1,565,500	1,092,200	1,219,300	168,582,900
Number of deaths	154	45	109	89	65	9,604
Age-Adjusted Death rate (per 100,000)	169.0	204.8	161.6	243.0	119.5	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.6	NA	NA	NA	NA	3.8
Number of hospitalizations	354	103	247	177	177	14,943
Crude rate of hospitalizations (per 100,000)	586	513	621	614	560	313
Median age of hospitalized patients	71	66	73	69	73	69
Total cost of hospitalization (\$)	14,358,500	3,958,400	10,070,800	7,652,200	6,706,300	690,018,200
Average length of hospital stay (days)	4	5	4	4	4	5
Number of ER visits	145	49	96	76	69	5,283
Crude rate of ER visits (per 100,000)	240	244	242	264	218	111
Median age of ER patients	69	66	70	70	68	66
Total cost of ER visits (\$)	1,543,700	512,600	1,031,100	781,600	762,100	53,018,800
Number of deaths	39	12	26	17	22	2,488
Age-Adjusted Death rate (per 100,000)	44.1	59.4	39.9	44.1	42.6	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	282	73	206	122	160	15,659
Crude rate of hospitalizations (per 100,000)	467	363	518	423	506	328
Median age of hospitalized patients	65	59	68	66	65	63
Total cost of hospitalization (\$)	5,618,000	1,332,400	4,232,400	2,432,700	3,185,300	439,323,600
Average length of hospital stay (days)	4	4	4	4	4	4
Number of ER visits	904	465	427	404	500	49,050
Crude rate of ER visits (per 100,000)	1,496	2,315	1,074	1,402	1,581	1,027
Median age of ER patients	43	36	50	36	46	40
Total cost of ER visits (\$)	2,175,100	980,200	1,171,700	918,500	1,256,600	134,527,100
Number of deaths	47	9	38	19	28	2,751
Age-Adjusted Death rate (per 100,000)	48.7	43.6	48.3	43.8	52.9	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	16.4	NA	NA	NA	NA	12.5
Number of hospitalizations	182	102	78	95	87	9,764
Crude rate of hospitalizations (per 100,000)	301	508	196	330	275	204
Median age of hospitalized patients	56	56	56	55	58	51
Total cost of hospitalization (\$)	4,295,400	2,526,300	1,711,500	2,544,000	1,751,400	321,377,000
Average length of hospital stay (days)	4	4	3	4	4	5
Number of ER visits	266	181	84	111	155	13,909
Crude rate of ER visits (per 100,000)	440	901	211	385	490	291
Median age of ER patients	56	55	56	56	55	52
Total cost of ER visits (\$)	785,100	504,100	279,000	341,500	443,600	46,056,100
Number of deaths	19	6	13	8	11	1,239
Age-Adjusted Death rate (per 100,000)	19.7	25.4	18.6	21.2	20.3	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	296	78	213	154	142	14,136
Crude rate of hospitalizations (per 100,000)	490	388	536	535	449	296
Median age of hospitalized patients	65	63	66	65	65	64
Total cost of hospitalization (\$)	19,236,900	4,482,100	14,403,300	10,560,800	8,676,100	963,427,600
Average length of hospital stay (days)	7	7	7	7	6	7
Number of deaths	179	48	131	114	65	9,700
Age-Adjusted Death rate (per 100,000)	186.3	210.3	181.6	256.7	130.9	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	40	14	26	21	19	1,796
Crude rate of hospitalizations (per 100,000)	66	70	65	73	60	38
Median age of hospitalized patients	66	63	68	66	65	65
Total cost of hospitalization (\$)	3,204,600	987,100	2,217,500	1,860,400	1,344,200	140,452,900
Average length of hospital stay (days)	9	10	8	9	8	8
Number of deaths	14	4	10	8	6	821
Age-Adjusted Death rate (per 100,000)	15.6	15.6	16.7	16.8	13.6	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	13	4	9	0	13	923
Crude rate of hospitalizations (per 100,000)	41	37	44	0	41	38
Median age of hospitalized patients	56	44	59	0	56	59
Total cost of hospitalization (\$)	773,100	301,600	471,500	0	773,100	50,631,800
Average length of hospital stay (days)	3	4	3	0	3	3
Number of deaths	8	4	4	0	8	633
Age-Adjusted Death rate (per 100,000)	15.6	27.2	11.0	0	15.6	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	7	2	5	0	7	142
Crude rate of hospitalizations (per 100,000)	22	18	24.4	0	22	6
Median age of hospitalized patients	63	82.5	63	0	63	55
Total cost of hospitalization (\$)	631,900	166,000	465,900	0	631,900	6,269,800
Average length of hospital stay (days)	11	7	12.2	0	11	4
Number of deaths	4	3	1	0	4	74
Age-Adjusted Death rate (per 100,000)	6	18.3	1.8	0	6	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	28	4	24	19	9	2,041
Crude rate of hospitalizations (per 100,000)	46	20	60	66	28	43
Median age of hospitalized patients	65	65	65	65	65	67
Total cost of hospitalization (\$)	1,724,500	229,700	1,494,800	1,058,900	665,600	145,739,900
Average length of hospital stay (days)	6	6	6	6	7	7
Number of deaths	47	9	38	32	15	2,825
Age-Adjusted Death rate (per 100,000)	48.6	36.1	54.4	73.4	27.1	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	15	4	11	15	0	970
Crude rate of hospitalizations (per 100,000)	52	43	57	52	0	42
Median age of hospitalized patients	62	59	66	62	0	63
Total cost of hospitalization (\$)	591,000	154,100	436,900	591,000	0	46,328,200
Average length of hospital stay (days)	3	4	3	3	0	3
Number of deaths	12	3	9	12	0	457
Age-Adjusted Death rate (per 100,000)	30.9	42.8	28.8	30.9	0	21.2

\*DHEC Health Region Pee Dee: Chesterfield, Clarendon, Darlington, Dillon, Florence, Georgetown, Horry, Lee, Marion, Marlboro, Sumter, Williamsburg.

Note: Generated Totals may include 'Other' race  
BRFSS, mortality, and population data source: Division of Biostatistics

**For more information about**

**Chronic diseases in South Carolina contact:**

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2100 Bull St  
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Tel (803) 898-0584

**Hospital discharge and ER visits, contact:**

Revenue and Fiscal Affairs Office  
Health and Demographics  
1919 Blanding Street  
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For more details, please view the Technical Document below  
<http://www.scdhec.gov/Health/docs/EpiTechNotes.pdf>

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