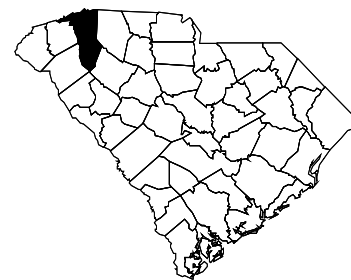


# COORDINATED CHRONIC DISEASE FACT SHEET GREENVILLE County, 2013



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 Greenville county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Greenville county’s population is similar to the state population. The largest portion (36%) of the population in Greenville county are between the ages of 18-44, and there are more females (52%) than males (48%). However, Greenville county has a lower minority population (19%) than the state (29%).

	GREENVILLE COUNTY	STATE
<b>Population size</b>	474,270	4,774,840
<b>Age distribution (%)</b>		
<18	23.7	22.8
18-44	36.3	35.4
45-64	26.0	26.6
65-84	12.2	13.6
85+	1.7	1.6
<b>Race (%)</b>		
White	78.0	69.2
Black	19.0	28.5
<b>Sex (%)</b>		
Male	48.6	48.7
Female	51.4	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 (%)	21.60	21.89	21.10	25.66	17.67	22.00
Sedentary lifestyle (%)	27.53	33.57	25.30	26.23	28.81	26.87
Overweight or Obese (%)	67.75	78.13	65.06	73.69	61.56	66.47
High Cholesterol (%)	43.81	37.11	44.26	48.31	39.75	42.58
Median daily servings of fruits	0.99	0.90	1.00	0.97	0.99	0.99
Median daily servings of vegetables	1.48	1.16	1.56	1.35	1.60	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 (%)*	40.2	NA	NA	NA	NA	38.4
Number of hospitalizations	307	163	137	168	139	5,334
Crude rate of hospitalizations (per 100,000)	65	181	37	73	57	112
Median age of hospitalized patients	59	55	66	56	63	59
Total cost of hospitalization (\$)	11,312,300	5,550,700	5,598,600	6,663,000	4,649,300	200,069,800
Average length of hospital stay (days)	4	4	5	4	4	5
Number of ER visits	1,387	732	584	598	788	15,651
Crude rate of ER visits (per 100,000)	292	811	158	259	324	328
Median age of ER patients	51	47	62	51	53	54
Total cost of ER visits (\$)	4,460,600	2,267,900	1,959,700	1,874,300	2,582,500	49,710,700
Number of deaths	26	13	13	9	17	418
Age-Adjusted Death rate (per 100,000)	5.1	20.5	3.0	4.7	5.7	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6	NA	NA	NA	NA	4.9
Number of hospitalizations	4,037	753	3,183	2,280	1,757	50,827
Crude rate of hospitalizations (per 100,000)	851	835	860	988	721	1,064
Median age of hospitalized patients	67	61	69	65	71	68
Total cost of hospitalization (\$)	306,004,600	43,694,700	254,740,000	193,281,800	112,722,800	3,099,389,600
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ER visits	1,783	435	1,286	979	804	19,962
Crude rate of ER visits (per 100,000)	376	482	348	424	330	418
Median age of ER patients	64	58	66	62	67	64
Total cost of ER visits (\$)	15,558,700	3,586,500	11,465,200	8,877,800	6,680,900	168,582,900
Number of deaths	766	136	626	420	346	9,604
Age-Adjusted Death rate (per 100,000)	149.6	196.5	142.3	193.7	113.6	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.2	NA	NA	NA	NA	3.8
Number of hospitalizations	1,082	240	800	533	549	14,943
Crude rate of hospitalizations (per 100,000)	228	266	216	231	225	313
Median age of hospitalized patients	69	59	72	66	73	69
Total cost of hospitalization (\$)	52,719,600	13,988,700	36,658,800	27,216,000	25,503,600	690,018,200
Average length of hospital stay (days)	7	10	6	8	6	5
Number of ER visits	577	79	468	274	303	5,283
Crude rate of ER visits (per 100,000)	122	88	127	119	124	111
Median age of ER patients	66	56	69	66	68	66
Total cost of ER visits (\$)	5,994,900	928,900	4,713,400	2,894,000	3,100,900	53,018,800
Number of deaths	194	28	164	75	119	2,488
Age-Adjusted Death rate (per 100,000)	39.3	45.5	38.0	37.8	38.8	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	866	214	633	349	517	15,659
Crude rate of hospitalizations (per 100,000)	183	237	171	151	212	328
Median age of hospitalized patients	62	55	64	64	60	63
Total cost of hospitalization (\$)	22,808,400	5,778,000	16,529,200	9,156,200	13,652,200	439,323,600
Average length of hospital stay (days)	4	4	4	4	4	4
Number of ER visits	3,720	1,415	2,038	1,670	2,049	49,050
Crude rate of ER visits (per 100,000)	784	1,569	551	724	841	1,027
Median age of ER patients	41	29	49	32	45	40
Total cost of ER visits (\$)	10,387,200	3,597,100	6,239,000	4,360,900	6,023,900	134,527,100
Number of deaths	233	17	215	111	122	2,751
Age-Adjusted Death rate (per 100,000)	46.0	28.8	48.9	53.0	42.0	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	733	258	441	375	358	9,764
Crude rate of hospitalizations (per 100,000)	155	286	119	163	147	204
Median age of hospitalized patients	52	51	54	53	51	51
Total cost of hospitalization (\$)	26,318,800	9,715,600	14,765,100	14,506,900	11,811,900	321,377,000
Average length of hospital stay (days)	5	6	5	5	5	5
Number of ER visits	1,074	472	536	527	547	13,909
Crude rate of ER visits (per 100,000)	226	523	145	228	225	291
Median age of ER patients	50	50	52	51	50	52
Total cost of ER visits (\$)	3,683,400	1,591,800	1,868,900	1,739,200	1,944,200	46,056,100
Number of deaths	91	26	63	54	37	1,239
Age-Adjusted Death rate (per 100,000)	17.6	41.9	14.1	25.2	12.4	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1,360	241	1,050	700	660	14,136
Crude rate of hospitalizations (per 100,000)	287	267	284	303	271	296
Median age of hospitalized patients	64	59	65	64	63	64
Total cost of hospitalization (\$)	96,774,700	15,533,100	75,428,200	53,178,400	43,596,300	963,427,600
Average length of hospital stay (days)	6	6	6	7	6	7
Number of deaths	855	144	702	466	389	9,700
Age-Adjusted Death rate (per 100,000)	165.4	198.8	159.7	212.8	135.1	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	159	34	117	79	80	1,796
Crude rate of hospitalizations (per 100,000)	34	38	32	34	33	38
Median age of hospitalized patients	65	61	66	65	65	65
Total cost of hospitalization (\$)	12,125,700	2,549,000	8,793,500	6,228,200	5,897,500	140,452,900
Average length of hospital stay (days)	8	6	8	7	8	8
Number of deaths	79	15	63	46	33	821
Age-Adjusted Death rate (per 100,000)	15.3	20.8	14.4	20.8	11.0	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	106	21	82	0	106	923
Crude rate of hospitalizations (per 100,000)	44	44	43	0	44	38
Median age of hospitalized patients	56	48	57	0	56	59
Total cost of hospitalization (\$)	5,779,100	1,016,300	4,617,000	0	5,779,100	50,631,800
Average length of hospital stay (days)	2	2	2	0	2	3
Number of deaths	56	12	44	0	56	633
Age-Adjusted Death rate (per 100,000)	19.5	27.7	17.8	0	19.5	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	14	4	8	0	14	142
Crude rate of hospitalizations (per 100,000)	6	8	4	0	6	6
Median age of hospitalized patients	57	43	63	0	57	55
Total cost of hospitalization (\$)	578,700	189,400	313,400	0	578,700	6,269,800
Average length of hospital stay (days)	4	3	4	0	4	4
Number of deaths	4	2	2	0	4	74
Age-Adjusted Death rate (per 100,000)	1.5	4.3	1.0	0	1.5	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	171	29	132	93	78	2,041
Crude rate of hospitalizations (per 100,000)	36	32	36	40	32	43
Median age of hospitalized patients	67	62	68	67	66	67
Total cost of hospitalization (\$)	14,495,800	1,838,200	11,264,500	8,514,200	5,981,600	145,739,900
Average length of hospital stay (days)	7	6	7	8	6	7
Number of deaths	241	45	193	141	100	2,825
Age-Adjusted Death rate (per 100,000)	46.8	62.1	44.3	63.2	35.0	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	129	24	102	129	0	970
Crude rate of hospitalizations (per 100,000)	56	56	56	56	0	42
Median age of hospitalized patients	61	58	62	61	0	63
Total cost of hospitalization (\$)	5,912,000	1,120,700	4,652,700	5,912,000	0	46,328,200
Average length of hospital stay (days)	2	2	2	2	0	3
Number of deaths	32	4	28	32	0	457
Age-Adjusted Death rate (per 100,000)	15.2	12.5	15.4	15.2	0	21.2

\*DHEC Health Region Upstate: Abbeville, Anderson, Cherokee, Greenwood, Laurens, McCormick, Oconee, Pickens, Spartanburg, Union.

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:**  
Bureau of Community Health and Chronic Disease Prevention  
SC Department of Health and Environmental Control  
2100 Bull St  
Columbia, SC 29201  
Tel (803) 898-0584

**Hospital discharge and ER visits, contact:**  
Revenue and Fiscal Affairs Office  
Health and Demographics  
1919 Blanding Street  
Columbia, SC 29201  
Tel (803) 898-9958  
<http://rfa.sc.gov>

For more details, please view the Technical Document below  
<http://www.scdhec.gov/Health/docs/EpiTechNotes.pdf>

Citation Format:  
State of South Carolina, Department of Health and  
Environmental Control, Bureau of Community Health and  
Chronic Disease Prevention, County Chronic Disease Fact Sheet  
November 2014  
<http://www.scdhec.gov/Health/SCPublicHealthStatisticsMaps/County-SpecificEpidemiologicalData/>

