

# COORDINATED CHRONIC DISEASE FACT SHEET PICKENS



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

The largest portion (39%) of the population in Pickens county are between the ages of 18-44. There is an equal distribution of males and females. Pickens county has a much lower minority population (7%) than the state (29%).

	PICKENS COUNTY	STATE
<b>Population size</b>	119,830	4,774,840
<b>Age distribution (%)</b>		
<18	21.7	22.8
18-44	38.8	35.4
45-64	24.6	26.6
65-84	13.2	13.6
85+	1.7	1.6
<b>Race (%)</b>		
White	90.6	69.2
Black	7.3	28.5
<b>Sex (%)</b>		
Male	49.8	48.7
Female	50.2	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	65	15	50	22	43	5,334
Crude rate of hospitalizations (per 100,000)	54	173	46	37	72	112
Median age of hospitalized patients	66	66	66	65	72	59
Total cost of hospitalization (\$)	1,943,500	370,500	1,573,000	912,500	1,031,000	200,069,800
Average length of hospital stay (days)	3	3	3	3	3	5
Number of ER visits	378	60	307	171	207	15,651
Crude rate of ER visits (per 100,000)	315	690	283	286	344	328
Median age of ER patients	55	50	56	54	56	54
Total cost of ER visits (\$)	1,341,100	175,000	1,137,400	633,600	707,500	49,710,700
Number of deaths	6	1	5	1	5	418
Age-Adjusted Death rate (per 100,000)	4.3	13.8	3.9	1.3	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	1,372	107	1,235	723	649	50,827
Crude rate of hospitalizations (per 100,000)	1,145	1,231	1,138	1,211	1,080	1,064
Median age of hospitalized patients	68	66	69	66	70	68
Total cost of hospitalization (\$)	101,266,600	6,058,200	92,211,200	57,588,400	43,678,200	3,099,389,600
Average length of hospital stay (days)	4	5	4	4	5	5
Number of ER visits	762	64	682	411	351	19,962
Crude rate of ER visits (per 100,000)	636	736	628	688	584	418
Median age of ER patients	64	63	64	62	66	64
Total cost of ER visits (\$)	7,511,500	538,300	6,906,700	4,031,900	3,479,600	168,582,900
Number of deaths	260	16	241	121	139	9,604
Age-Adjusted Death rate (per 100,000)	195.9	203.4	195.3	208.3	184.7	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.2	NA	NA	NA	NA	3.8
Number of hospitalizations	322	22	295	169	153	14,943
Crude rate of hospitalizations (per 100,000)	269	253	272	283	254	313
Median age of hospitalized patients	71	68	71	71	70	69
Total cost of hospitalization (\$)	12,720,900	708,900	11,870,400	6,661,400	6,059,500	690,018,200
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ER visits	173	11	157	79	94	5,283
Crude rate of ER visits (per 100,000)	144	127	145	132	156	111
Median age of ER patients	64	48	64	68	64	66
Total cost of ER visits (\$)	1,910,100	108,600	1,780,400	858,600	1,051,500	53,018,800
Number of deaths	65	7	57	32	33	2,488
Age-Adjusted Death rate (per 100,000)	48.9	99.4	45.5	57.0	42.8	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	432	29	396	153	279	15,659
Crude rate of hospitalizations (per 100,000)	361	334	365	256	464	328
Median age of hospitalized patients	63	65	63	63	63	63
Total cost of hospitalization (\$)	13,088,700	916,000	12,013,800	4,307,700	8,781,000	439,323,600
Average length of hospital stay (days)	4	4	4	4	4	4
Number of ER visits	2,194	197	1,958	873	1,321	49,050
Crude rate of ER visits (per 100,000)	1,831	2,267	1,804	1,462	2,197	1,027
Median age of ER patients	41	39	42	41	43	40
Total cost of ER visits (\$)	5,856,900	469,800	5,270,000	2,265,000	3,591,900	134,527,100
Number of deaths	64	3	61	29	35	2,751
Age-Adjusted Death rate (per 100,000)	47.4	43.8	48.2	49.6	46.2	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	238	26	202	143	95	9,764
Crude rate of hospitalizations (per 100,000)	199	299	186	239	158	204
Median age of hospitalized patients	53	51	53	54	52	51
Total cost of hospitalization (\$)	7,727,300	705,600	6,634,400	4,804,000	2,923,300	321,377,000
Average length of hospital stay (days)	5	4	5	5	5	5
Number of ER visits	302	56	237	146	156	13,909
Crude rate of ER visits (per 100,000)	252	644	218	245	259	291
Median age of ER patients	52	53	51	52	52	52
Total cost of ER visits (\$)	1,280,600	200,500	1,045,800	637,200	643,400	46,056,100
Number of deaths	17	2	15	7	10	1,239
Age-Adjusted Death rate (per 100,000)	12.8	32.6	11.9	12.2	12.7	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	351	20	323	181	170	14,136
Crude rate of hospitalizations (per 100,000)	293	230	298	303	283	296
Median age of hospitalized patients	66	58	66	65	66	64
Total cost of hospitalization (\$)	22,369,700	1,194,000	20,609,200	12,045,300	10,324,400	963,427,600
Average length of hospital stay (days)	6	6	6	6	6	7
Number of deaths	258	13	245	154	104	9,700
Age-Adjusted Death rate (per 100,000)	188.8	189.8	191.1	258.9	142.3	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	43	2	40	25	18	1,796
Crude rate of hospitalizations (per 100,000)	36	23	37	42	30	38
Median age of hospitalized patients	70	59	71	72	61	65
Total cost of hospitalization (\$)	3,226,000	106,900	3,026,600	2,268,900	957,100	140,452,900
Average length of hospital stay (days)	7	5	7	8	5	8
Number of deaths	25	1	24	12	13	821
Age-Adjusted Death rate (per 100,000)	19.2	16.2	19.6	22.7	17.9	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	19	1	18	0	19	923
Crude rate of hospitalizations (per 100,000)	32	23	33	0	32	38
Median age of hospitalized patients	56	57	56	0	56	59
Total cost of hospitalization (\$)	948,900	47,900	901,000	0	948,900	50,631,800
Average length of hospital stay (days)	2	3	2	0	2	3
Number of deaths	10	2	8	0	10	633
Age-Adjusted Death rate (per 100,000)	13.7	51.2	12.3	0	13.7	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	2	0	2	0	2	142
Crude rate of hospitalizations (per 100,000)	3.326679973	0	3.66434591	0	3.32667997	6
Median age of hospitalized patients	64	0	64	0	64	55
Total cost of hospitalization (\$)	148900	0	148900	0	148900	6,269,800
Average length of hospital stay (days)	9	0	9	0	9	4
Number of deaths	0	0	0	0	0	74
Age-Adjusted Death rate (per 100,000)	0	0	0	0	0	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	47	4	43	24	23	2,041
Crude rate of hospitalizations (per 100,000)	39	46	40	40	38	43
Median age of hospitalized patients	68	57	68	68	67	67
Total cost of hospitalization (\$)	3,924,600	345,600	3,579,000	2,089,200	1,835,400	145,739,900
Average length of hospital stay (days)	8	7	9	10	7	7
Number of deaths	81	6	75	46	35	2,825
Age-Adjusted Death rate (per 100,000)	58.1	89.2	56.9	72.4	47.3	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	27	2	25	27	0	970
Crude rate of hospitalizations (per 100,000)	45	47	46	45	0	42
Median age of hospitalized patients	65	63	65	65	0	63
Total cost of hospitalization (\$)	1,198,600	85,200	1,113,400	1,198,600	0	46,328,200
Average length of hospital stay (days)	2	4	2	2	0	3
Number of deaths	12	1	11	12	0	457
Age-Adjusted Death rate (per 100,000)	22.0	22.0	22.0	22.0	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>

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<http://www.scdhec.gov/Health/SCPublicHealthStatisticsMaps/County-SpecificEpidemiologicalData/>

