

COORDINATED CHRONIC DISEASE FACT SHEET ANDERSON

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

The largest portion (33%) of the population in Anderson county are between the ages of 18-44. Anderson county has a similar percentage of people age 45-64 (27%) with the state (27%). There are more females (52%) than males (48%). Anderson county has a lower minority population (17%) than the state (29%).

	ANDERSON COUNTY	STATE
Population size	190,640	4,774,840
Age distribution (%)		
<18	23.2	22.8
18-44	32.8	35.4
45-64	27.3	26.6
65-84	14.8	13.6
85+	1.8	1.6
Race (%)		
White	81.6	69.2
Black	17.1	28.5
Sex (%)		
Male	48.3	48.7
Female	51.7	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	290	161	124	127	163	5,334
Crude rate of hospitalizations (per 100,000)	152	495	80	138	165	112
Median age of hospitalized patients	56	54	63	54	62	59
Total cost of hospitalization (\$)	12,334,700	7,415,900	4,659,600	6,212,900	6,121,800	200,069,800
Average length of hospital stay (days)	4	4	4	5	4	5
Number of ER visits	348	140	206	164	184	15,651
Crude rate of ER visits (per 100,000)	183	430	132	178	187	328
Median age of ER patients	56	54	58	54	58	54
Total cost of ER visits (\$)	1,542,300	700,700	835,100	721,500	820,800	49,710,700
Number of deaths	21	5	16	12	9	418
Age-Adjusted Death rate (per 100,000)	9.0	17.1	7.8	11.4	6.8	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6	NA	NA	NA	NA	4.9
Number of hospitalizations	2,418	379	2,016	1,438	980	50,827
Crude rate of hospitalizations (per 100,000)	1,268	1,165	1,296	1,563	993	1,064
Median age of hospitalized patients	68	64	69	67	71	68
Total cost of hospitalization (\$)	203,901,300	29,481,700	172,621,100	128,894,000	75,007,300	3,099,389,600
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ER visits	558	85	466	301	257	19,962
Crude rate of ER visits (per 100,000)	293	261	300	327	261	418
Median age of ER patients	65	60	65	62	67	64
Total cost of ER visits (\$)	9,740,700	1,142,700	8,572,600	5,230,500	4,510,200	168,582,900
Number of deaths	397	57	339	234	163	9,604
Age-Adjusted Death rate (per 100,000)	170.7	189.9	167.8	238.3	119.6	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.2	NA	NA	NA	NA	3.8
Number of hospitalizations	767	143	611	392	375	14,943
Crude rate of hospitalizations (per 100,000)	402	440	393	426	380	313
Median age of hospitalized patients	69	65	70	67	71	69
Total cost of hospitalization (\$)	42,745,100	9,809,100	32,171,600	23,584,100	19,161,000	690,018,200
Average length of hospital stay (days)	5	8	5	6	5	5
Number of ER visits	111	12	98	55	56	5,283
Crude rate of ER visits (per 100,000)	58	37	63	60	57	111
Median age of ER patients	70	74	70	66	75	66
Total cost of ER visits (\$)	1,435,500	174,000	1,239,300	688,400	747,100	53,018,800
Number of deaths	99	12	87	42	57	2,488
Age-Adjusted Death rate (per 100,000)	41.7	37.3	42.2	40.0	40.3	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1,033	177	848	465	568	15,659
Crude rate of hospitalizations (per 100,000)	542	544	545	505	576	328
Median age of hospitalized patients	63	58	63	65	61	63
Total cost of hospitalization (\$)	41,247,900	5,863,600	35,248,400	19,250,100	21,997,800	439,323,600
Average length of hospital stay (days)	5	4	5	5	5	4
Number of ER visits	712	152	546	330	382	49,050
Crude rate of ER visits (per 100,000)	373	467	351	359	387	1,027
Median age of ER patients	47	36	50	45	47	40
Total cost of ER visits (\$)	3,209,600	628,000	2,552,000	1,393,300	1,816,300	134,527,100
Number of deaths	146	9	136	81	65	2,751
Age-Adjusted Death rate (per 100,000)	61.5	32.6	65.5	83.9	48.3	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	447	150	293	243	204	9,764
Crude rate of hospitalizations (per 100,000)	234	461	188	264	207	204
Median age of hospitalized patients	52	46	55	52	53	51
Total cost of hospitalization (\$)	18,842,000	6,158,000	12,574,900	10,362,300	8,479,700	321,377,000
Average length of hospital stay (days)	5	5	5	4	5	5
Number of ER visits	350	125	220	171	179	13,909
Crude rate of ER visits (per 100,000)	184	384	141	186	181	291
Median age of ER patients	53	54	53	52	54	52
Total cost of ER visits (\$)	1,346,200	567,800	764,400	676,800	669,400	46,056,100
Number of deaths	70	14	56	49	21	1,239
Age-Adjusted Death rate (per 100,000)	29.3	45.1	26.8	47.6	15.1	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	621	96	520	359	262	14,136
Crude rate of hospitalizations (per 100,000)	326	295	334	390	266	296
Median age of hospitalized patients	65	64	65	65	64	64
Total cost of hospitalization (\$)	51,284,700	9,236,300	41,828,600	30,212,000	21,072,700	963,427,600
Average length of hospital stay (days)	8	9	7	8	7	7
Number of deaths	404	51	349	236	168	9,700
Age-Adjusted Death rate (per 100,000)	166.3	172.4	166.5	220.3	124.9	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	105	21	84	59	46	1,796
Crude rate of hospitalizations (per 100,000)	55	65	54	64	47	38
Median age of hospitalized patients	66	64	67	64	70	65
Total cost of hospitalization (\$)	8,267,500	1,900,700	6,366,800	4,535,800	3,731,700	140,452,900
Average length of hospital stay (days)	8	10	7	8	7	8
Number of deaths	41	5	36	22	19	821
Age-Adjusted Death rate (per 100,000)	17.7	17.3	18.0	21.2	14.2	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	30	2	27	0	30	923
Crude rate of hospitalizations (per 100,000)	30	12	34	0	30	38
Median age of hospitalized patients	56	53	56	0	56	59
Total cost of hospitalization (\$)	1,710,700	268,300	1,410,100	0	1,710,700	50,631,800
Average length of hospital stay (days)	4	11	3	0	4	3
Number of deaths	21	2	18	0	21	633
Age-Adjusted Death rate (per 100,000)	15.7	13.7	15.6	0	15.7	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	4	1	3	0	4	142
Crude rate of hospitalizations (per 100,000)	4	5.783689994	4	0	4.054738976	6
Median age of hospitalized patients	46	73	43	0	46	55
Total cost of hospitalization (\$)	127,500	31500	96,000	0	127,500	6,269,800
Average length of hospital stay (days)	3	4	2	0	3	4
Number of deaths	3	0	3	0	3	74
Age-Adjusted Death rate (per 100,000)	2.4	0.0	2.8	0	2.4	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	106	20	86	67	39	2,041
Crude rate of hospitalizations (per 100,000)	56	61	55	73	40	43
Median age of hospitalized patients	67	65	67	65	72	67
Total cost of hospitalization (\$)	9,774,500	1,564,900	8,209,600	6,101,200	3,673,300	145,739,900
Average length of hospital stay (days)	8	7	8	7	8	7
Number of deaths	115	9	104	69	46	2,825
Age-Adjusted Death rate (per 100,000)	46.2	30.6	48.4	62.0	33.4	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	43	8	34	43	0	970
Crude rate of hospitalizations (per 100,000)	47	52	45	47	0	42
Median age of hospitalized patients	63	60	64	63	0	63
Total cost of hospitalization (\$)	2,235,100	437,100	1,755,600	2,235,100	0	46,328,200
Average length of hospital stay (days)	3	3	3	3	0	3
Number of deaths	11	3	8	11	0	457
Age-Adjusted Death rate (per 100,000)	10.6	29.8	8.7	10.6	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/>

