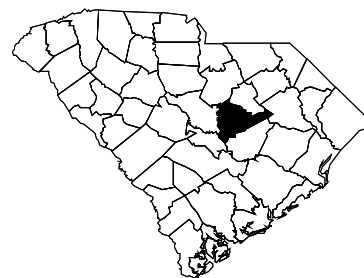


COORDINATED CHRONIC DISEASE FACT SHEET SUMTER County, 2013



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

The largest portion (36%) of the population in Sumter county are between the ages of 18-44, which is the same as the state's. There are more females (52%) than males (48%). Sumter county has a higher minority population (48%) than the state (29%).

	SUMTER COUNTY	STATE
Population size	108,120	4,774,840
Age distribution (%)		
<18	24.7	22.8
18-44	35.9	35.4
45-64	25.3	26.6
65-84	12.5	13.6
85+	1.7	1.6
Race (%)		
White	50.0	69.2
Black	47.9	28.5
Sex (%)		
Male	48.4	48.7
Female	51.6	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
 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	210	163	42	102	108	5,334
Crude rate of hospitalizations (per 100,000)	194	314	78	195	193	112
Median age of hospitalized patients	60	58	69	58	63	59
Total cost of hospitalization (\$)	4,608,700	3,341,300	1,069,200	2,089,300	2,519,400	200,069,800
Average length of hospital stay (days)	5	5	7	5	6	5
Number of ER visits	328	260	64	144	184	15,651
Crude rate of ER visits (per 100,000)	303	502	118	275	330	328
Median age of ER patients	53	51	71	55	52	54
Total cost of ER visits (\$)	923,600	741,100	164,000	401,800	521,800	49,710,700
Number of deaths	8	6	2	5	3	418
Age-Adjusted Death rate (per 100,000)	6.7	12.5	2.9	11.0	4.4	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6.4	NA	NA	NA	NA	4.9
Number of hospitalizations	1,513	777	714	740	773	50,827
Crude rate of hospitalizations (per 100,000)	1,399	1,499	1,321	1,415	1,385	1,064
Median age of hospitalized patients	68	63	72	65	71	68
Total cost of hospitalization (\$)	64,729,800	26,385,400	36,932,600	32,929,300	31,800,500	3,099,389,600
Average length of hospital stay (days)	6	6	6	5	6	5
Number of ER visits	592	320	265	294	298	19,962
Crude rate of ER visits (per 100,000)	548	617	490	562	534	418
Median age of ER patients	61	57	65	60	62	64
Total cost of ER visits (\$)	3,561,200	1,847,100	1,667,600	1,785,600	1,775,600	168,582,900
Number of deaths	227	117	109	108	119	9,604
Age-Adjusted Death rate (per 100,000)	194.8	229.6	168.8	225.6	168.8	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.6	NA	NA	NA	NA	3.8
Number of hospitalizations	467	240	212	234	233	14,943
Crude rate of hospitalizations (per 100,000)	432	463	392	447	417	313
Median age of hospitalized patients	68	62	73	65	70	69
Total cost of hospitalization (\$)	18,315,300	10,532,400	6,760,800	8,628,700	9,686,600	690,018,200
Average length of hospital stay (days)	7	8	5	7	7	5
Number of ER visits	149	80	68	73	76	5,283
Crude rate of ER visits (per 100,000)	138	154	126	140	136	111
Median age of ER patients	63	54	75	63	65	66
Total cost of ER visits (\$)	1,214,500	664,600	543,300	527,900	686,600	53,018,800
Number of deaths	76	35	37	29	47	2,488
Age-Adjusted Death rate (per 100,000)	66.1	69.6	57.4	60.7	66.3	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	515	244	260	213	302	15,659
Crude rate of hospitalizations (per 100,000)	476	471	481	407	541	328
Median age of hospitalized patients	61	52	66	60	61	63
Total cost of hospitalization (\$)	9,175,200	3,536,100	5,506,200	3,328,100	5,847,100	439,323,600
Average length of hospital stay (days)	5	4	6	4	6	4
Number of ER visits	1,745	1,246	469	755	990	49,050
Crude rate of ER visits (per 100,000)	1,614	2,404	868	1,443	1,774	1,027
Median age of ER patients	35	32	46	33	38	40
Total cost of ER visits (\$)	5,893,500	4,046,700	1,730,500	2,516,200	3,377,300	134,527,100
Number of deaths	60	16	44	28	32	2,751
Age-Adjusted Death rate (per 100,000)	51.0	32.2	66.1	55.7	46.1	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	16.4	NA	NA	NA	NA	12.5
Number of hospitalizations	379	266	109	195	184	9,764
Crude rate of hospitalizations (per 100,000)	351	513	202	373	330	204
Median age of hospitalized patients	52	50	53	50	53	51
Total cost of hospitalization (\$)	8,880,100	6,049,500	2,796,700	5,094,300	3,785,800	321,377,000
Average length of hospital stay (days)	6	6	7	7	6	5
Number of ER visits	376	278	91	173	203	13,909
Crude rate of ER visits (per 100,000)	348	536	168	331	364	291
Median age of ER patients	52	51	55	49	54	52
Total cost of ER visits (\$)	1,597,300	1,217,100	349,500	792,300	805,000	46,056,100
Number of deaths	42	29	13	21	21	1,239
Age-Adjusted Death rate (per 100,000)	37.1	60.3	22.0	42.1	32.1	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	380	150	221	193	187	14,136
Crude rate of hospitalizations (per 100,000)	351	289	409	369	335	296
Median age of hospitalized patients	64	61	66	66	62	64
Total cost of hospitalization (\$)	22,250,400	8,466,800	13,183,700	11,905,000	10,345,400	963,427,600
Average length of hospital stay (days)	8	8	8	8	8	7
Number of deaths	203	83	117	126	77	9,700
Age-Adjusted Death rate (per 100,000)	167.6	156.8	174.2	242.4	112.1	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	52	18	32	24	28	1,796
Crude rate of hospitalizations (per 100,000)	48	35	59	46	50	38
Median age of hospitalized patients	68	66	70	70	63	65
Total cost of hospitalization (\$)	3,624,200	1,318,400	2,161,600	1,967,700	1,656,500	140,452,900
Average length of hospital stay (days)	11	11	10	12	9	8
Number of deaths	20	8	12	13	7	821
Age-Adjusted Death rate (per 100,000)	16.5	16.3	17.6	23.0	9.6	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	38	16	22	0	38	923
Crude rate of hospitalizations (per 100,000)	68	58	82	0	68	38
Median age of hospitalized patients	58	57	59	0	58	59
Total cost of hospitalization (\$)	2,313,300	1,143,700	1,169,600	0	2,313,300	50,631,800
Average length of hospital stay (days)	5	5	5	0	5	3
Number of deaths	13	8	5	0	13	633
Age-Adjusted Death rate (per 100,000)	19.3	27.3	13.6	0	19.3	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	4	3	1	0	4	142
Crude rate of hospitalizations (per 100,000)	7	11	4	0	7	6
Median age of hospitalized patients	57	55	60	0	57	55
Total cost of hospitalization (\$)	192,000	146,600	45,400	0	192,000	6,269,800
Average length of hospital stay (days)	7	6	9	0	7	4
Number of deaths	2	-	2	0	2	74
Age-Adjusted Death rate (per 100,000)	2.8	0.0	5.1	0	2.8	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	56	17	39	41	15	2,041
Crude rate of hospitalizations (per 100,000)	52	33	72	78	27	43
Median age of hospitalized patients	72	67	73	72	70	67
Total cost of hospitalization (\$)	3,203,900	811,200	2,392,700	2,464,400	739,500	145,739,900
Average length of hospital stay (days)	8	7	9	8	8	7
Number of deaths	53	19	34	34	19	2,825
Age-Adjusted Death rate (per 100,000)	43.1	35.4	49.8	64.4	26.5	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	14	10	4	14	0	970
Crude rate of hospitalizations (per 100,000)	27	41	15	27	0	42
Median age of hospitalized patients	58	58	63	58	0	63
Total cost of hospitalization (\$)	802,800	554,300	248,500	802,800	0	46,328,200
Average length of hospital stay (days)	4	4	3	4	0	3
Number of deaths	12	8	4	12	0	457
Age-Adjusted Death rate (per 100,000)	25.3	40.6	14.7	25.3	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:

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/>

