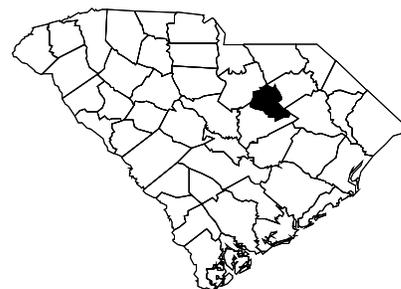


COORDINATED CHRONIC DISEASE FACT SHEET

LEE

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

The largest portion (35%) of the population in Lee county are between the ages of 18-44. There are more males (52%) than females (48%). Lee county has a much higher minority population (64%) than the state (29%).

	LEE COUNTY	STATE
Population size	18,350	4,774,840
Age distribution (%)		
<18	20.8	22.8
18-44	35.0	35.4
45-64	28.4	26.6
65-84	13.8	13.6
85+	1.9	1.6
Race (%)		
White	35.5	69.2
Black	63.8	28.5
Sex (%)		
Male	52.0	48.7
Female	47.9	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	50	47	3	26	24	5,334
Crude rate of hospitalizations (per 100,000)	272	402	46	272	273	112
Median age of hospitalized patients	63	64	61	53	73	59
Total cost of hospitalization (\$)	1,360,100	1,211,500	148,600	653,500	706,600	200,069,800
Average length of hospital stay (days)	4	3	8	3	4	5
Number of ER visits	66	61	5	24	42	15,651
Crude rate of ER visits (per 100,000)	360	521	77	251	478	328
Median age of ER patients	55	55	55	51	61	54
Total cost of ER visits (\$)	141,900	130,900	11,000	65,600	76,300	49,710,700
Number of deaths	-	-	0	-	-	418
Age-Adjusted Death rate (per 100,000)	0.0	0.0	0.0	0.0	0.0	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6.4	NA	NA	NA	NA	4.9
Number of hospitalizations	309	177	130	160	149	50,827
Crude rate of hospitalizations (per 100,000)	1,684	1,513	1,997	1,675	1,695	1,064
Median age of hospitalized patients	66	65	70	65	71	68
Total cost of hospitalization (\$)	14,188,400	6,755,100	7,150,200	6,862,500	7,325,900	3,099,389,600
Average length of hospital stay (days)	5	4	5	5	5	5
Number of ER visits	128	82	45	70	58	19,962
Crude rate of ER visits (per 100,000)	698	701	691	733	660	418
Median age of ER patients	67	60	70	64	71	64
Total cost of ER visits (\$)	750,400	467,700	277,300	452,600	297,800	168,582,900
Number of deaths	41	21	18	17	24	9,604
Age-Adjusted Death rate (per 100,000)	189.8	177.9	173.4	182.7	199.6	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.6	NA	NA	NA	NA	3.8
Number of hospitalizations	93	62	28	43	50	14,943
Crude rate of hospitalizations (per 100,000)	507	530	430	450	569	313
Median age of hospitalized patients	64	60	71	61	67	69
Total cost of hospitalization (\$)	4,128,600	2,675,700	826,200	1,840,000	2,288,600	690,018,200
Average length of hospital stay (days)	6	6	3	6	6	5
Number of ER visits	36	22	14	16	20	5,283
Crude rate of ER visits (per 100,000)	196	188	215	168	228	111
Median age of ER patients	68	64	70	66	71	66
Total cost of ER visits (\$)	335,900	201,600	134,300	132,200	203,700	53,018,800
Number of deaths	16	6	10	7	9	2,488
Age-Adjusted Death rate (per 100,000)	75.1	55.2	94.5	84.9	69.5	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	84	50	34	45	39	15,659
Crude rate of hospitalizations (per 100,000)	458	427	522	471	444	328
Median age of hospitalized patients	61	60	67	60	64	63
Total cost of hospitalization (\$)	1,732,600	866,900	865,700	777,200	955,400	439,323,600
Average length of hospital stay (days)	4	3	5	3	4	4
Number of ER visits	262	201	60	118	144	49,050
Crude rate of ER visits (per 100,000)	1,428	1,718	922	1,236	1,638	1,027
Median age of ER patients	50	43	54	47	51	40
Total cost of ER visits (\$)	676,900	500,900	174,000	265,600	411,300	134,527,100
Number of deaths	9	2	7	6	3	2,751
Age-Adjusted Death rate (per 100,000)	40.7	19.0	66.9	60.3	27.6	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	16.4	NA	NA	NA	NA	12.5
Number of hospitalizations	63	51	12	35	28	9,764
Crude rate of hospitalizations (per 100,000)	343	436	184	366	319	204
Median age of hospitalized patients	57	56	59	56	60	51
Total cost of hospitalization (\$)	1,656,300	1,197,800	458,500	770,900	885,400	321,377,000
Average length of hospital stay (days)	4	4	7	4	5	5
Number of ER visits	112	100	11	43	69	13,909
Crude rate of ER visits (per 100,000)	610	855	169	450	785	291
Median age of ER patients	57	56	57	58	56	52
Total cost of ER visits (\$)	349,300	294,500	53,600	154,700	194,600	46,056,100
Number of deaths	17	13	4	10	7	1,239
Age-Adjusted Death rate (per 100,000)	73.3	111.5	34.5	97.4	53.4	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	66	37	29	27	39	14,136
Crude rate of hospitalizations (per 100,000)	360	316	445	283	444	296
Median age of hospitalized patients	66	58	74	67	63	64
Total cost of hospitalization (\$)	4,133,200	2,286,300	1,846,900	1,765,100	2,368,100	963,427,600
Average length of hospital stay (days)	8	7	8	8	7	7
Number of deaths	41	9	31	24	17	9,700
Age-Adjusted Death rate (per 100,000)	189.3	76.2	309.6	291.3	126.2	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	7	2	5	6	1	1,796
Crude rate of hospitalizations (per 100,000)	38	17	77	63	11	38
Median age of hospitalized patients	66	66	77	72	64	65
Total cost of hospitalization (\$)	677,400	180,400	497,000	470,900	206,500	140,452,900
Average length of hospital stay (days)	12	22	9	13	11	8
Number of deaths	6	1	5	4	2	821
Age-Adjusted Death rate (per 100,000)	30.1	9.0	53.0	52.5	13.4	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	8	8	0	0	8	923
Crude rate of hospitalizations (per 100,000)	91	141	0	0	91	38
Median age of hospitalized patients	59	59	0	0	59	59
Total cost of hospitalization (\$)	294,900	294,900	0	0	294,900	50,631,800
Average length of hospital stay (days)	3	3	0	0	3	3
Number of deaths	3	1	2	0	3	633
Age-Adjusted Death rate (per 100,000)	20.0	10.3	32.6	0	20.0	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	0	0	0	0	0	142
Crude rate of hospitalizations (per 100,000)	0	0	0	0	0	6
Median age of hospitalized patients	0	0	0	0	0	55
Total cost of hospitalization (\$)	0	0	0	0	0	6,269,800
Average length of hospital stay (days)	0	0	0	0	0	4
Number of deaths	0	0	0	0	0	74
Age-Adjusted Death rate (per 100,000)	0.0	0.0	0	0	0.0	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	7	3	4	3	4	2,041
Crude rate of hospitalizations (per 100,000)	38	26	61	31	46	43
Median age of hospitalized patients	53	46	75	46	75	67
Total cost of hospitalization (\$)	504,400	181,700	322,700	181,700	322,700	145,739,900
Average length of hospital stay (days)	10	9	11	9	11	7
Number of deaths	11	1	9	6	5	2,825
Age-Adjusted Death rate (per 100,000)	53.0	9.0	98.2	76.3	39.3	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	4	3	1	4	0	970
Crude rate of hospitalizations (per 100,000)	42	50	29.2	42	0	42
Median age of hospitalized patients	53	53	53	53	0	63
Total cost of hospitalization (\$)	149,100	101,400	47700	149,100	0	46,328,200
Average length of hospital stay (days)	3	2	7	3	0	3
Number of deaths	3	-	3	3	0	457
Age-Adjusted Death rate (per 100,000)	41.1	0.0	73.1	41.1	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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<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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