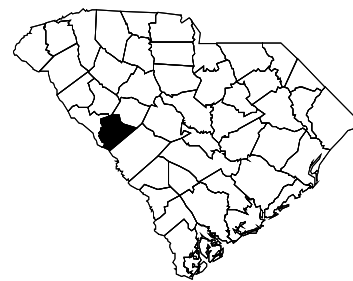


COORDINATED CHRONIC DISEASE FACT SHEET EDGEFIELD

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 Edgefield 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 Edgefield county are between the ages of 18-44, and there are more males (54%) than females (46%). Edgefield county has a higher minority population (37%) than the state (29%).

	EDGEFIELD COUNTY	STATE
Population size	26,440	4,774,840
Age distribution (%)		
<18	19.3	22.8
18-44	35.4	35.4
45-64	30.0	26.6
65-84	13.7	13.6
85+	1.6	1.6
Race (%)		
White	61.6	69.2
Black	37.4	28.5
Sex (%)		
Male	53.9	48.7
Female	46.1	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 (%)	20.08	17.50	21.35	23.63	17.09	22.00
Sedentary lifestyle (%)	25.85	28.60	24.99	23.56	27.82	26.87
Overweight or Obese (%)	68.49	77.84	66.06	70.51	66.66	66.47
High Cholesterol (%)	42.77	36.52	45.41	42.02	43.37	42.58
Median daily servings of fruits	0.99	0.99	0.99	0.85	1.00	0.99
Median daily servings of vegetables	1.60	1.20	1.67	1.49	1.70	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 (%)*	44.1	NA	NA	NA	NA	38.4
Number of hospitalizations	16	11	5	8	8	5,334
Crude rate of hospitalizations (per 100,000)	61	111	31	56	66	112
Median age of hospitalized patients	61	61	59	63	57	59
Total cost of hospitalization (\$)	1,590,900	1,511,300	79,600	267,100	1,323,800	200,069,800
Average length of hospital stay (days)	14	19	3.4	5	23	5
Number of ER visits	53	41	12	20	33	15,651
Crude rate of ER visits (per 100,000)	200	414	74	140	271	328
Median age of ER patients	52	50	62	50	54	54
Total cost of ER visits (\$)	154,000	123,100	30,900	69,100	84,900	49,710,700
Number of deaths	2	2	0	1	1	418
Age-Adjusted Death rate (per 100,000)	7.9	27.0	0.0	9.7	5.0	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.9	NA	NA	NA	NA	4.9
Number of hospitalizations	126	64	59	64	62	50,827
Crude rate of hospitalizations (per 100,000)	477	646	362	449	509	1,064
Median age of hospitalized patients	70	67	70	66	75	68
Total cost of hospitalization (\$)	7,205,600	3,915,700	2,803,800	3,884,900	3,320,700	3,099,389,600
Average length of hospital stay (days)	9	7	11	5	13	5
Number of ER visits	145	82	63	69	76	19,962
Crude rate of ER visits (per 100,000)	548	828	387	484	623	418
Median age of ER patients	70	64	78	70	72	64
Total cost of ER visits (\$)	629,100	334,700	294,400	270,900	358,200	168,582,900
Number of deaths	57	17	40	31	26	9,604
Age-Adjusted Death rate (per 100,000)	189.9	173.1	193.0	243.6	143.7	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	2.7	NA	NA	NA	NA	3.8
Number of hospitalizations	36	23	12	18	18	14,943
Crude rate of hospitalizations (per 100,000)	136	232	74	126	148	313
Median age of hospitalized patients	59	59	68	59	60	69
Total cost of hospitalization (\$)	1,294,500	821,000	450,500	576,000	718,500	690,018,200
Average length of hospital stay (days)	4	4	3	3	4	5
Number of ER visits	22	10	12	9	13	5,283
Crude rate of ER visits (per 100,000)	83	101	74	63	107	111
Median age of ER patients	70	65	83	63	81	66
Total cost of ER visits (\$)	164,000	53,200	110,800	89,700	74,300	53,018,800
Number of deaths	7	3	4	2	5	2,488
Age-Adjusted Death rate (per 100,000)	25.3	33.8	22.0	19.4	29.3	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	36	16	20	18	18	15,659
Crude rate of hospitalizations (per 100,000)	136	162	123	126	148	328
Median age of hospitalized patients	61	58	64	60	63	63
Total cost of hospitalization (\$)	684,600	196,000	488,600	270,900	413,700	439,323,600
Average length of hospital stay (days)	4	3	5	3	5	4
Number of ER visits	243	164	74	108	135	49,050
Crude rate of ER visits (per 100,000)	919	1,657	454	758	1,107	1,027
Median age of ER patients	43	36	55	36	43	40
Total cost of ER visits (\$)	452,900	267,300	164,900	204,700	248,200	134,527,100
Number of deaths	15	5	10	10	5	2,751
Age-Adjusted Death rate (per 100,000)	45.3	52.1	43.0	74.5	27.0	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	32	25	6	11	21	9,764
Crude rate of hospitalizations (per 100,000)	121	253	37	77	172	204
Median age of hospitalized patients	46	50	34	63	44	51
Total cost of hospitalization (\$)	891,300	689,500	188,300	251,700	639,600	321,377,000
Average length of hospital stay (days)	5	5	4	6	4	5
Number of ER visits	93	72	19	30	63	13,909
Crude rate of ER visits (per 100,000)	352	727	117	211	517	291
Median age of ER patients	50	50	59	56	50	52
Total cost of ER visits (\$)	209,600	155,200	52,000	63,400	146,200	46,056,100
Number of deaths	6	4	2	4	2	1,239
Age-Adjusted Death rate (per 100,000)	16.3	31.8	8.9	20.1	12.4	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	41	22	19	22	19	14,136
Crude rate of hospitalizations (per 100,000)	155	222	117	154	156	296
Median age of hospitalized patients	66	66	66	65	66	64
Total cost of hospitalization (\$)	2,576,200	1,211,200	1,365,000	1,271,100	1,305,100	963,427,600
Average length of hospital stay (days)	7	6	8	6	8	7
Number of deaths	48	23	25	28	20	9,700
Age-Adjusted Death rate (per 100,000)	148.7	231.1	116.2	219.4	110.2	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	3	1	2	2	1	1,796
Crude rate of hospitalizations (per 100,000)	11	10	12	14	8	38
Median age of hospitalized patients	60	61	60	60	61	65
Total cost of hospitalization (\$)	143,800	4,900	138,900	138,900	4,900	140,452,900
Average length of hospital stay (days)	4	1	6	6	1	8
Number of deaths	6	2	4	3	3	821
Age-Adjusted Death rate (per 100,000)	17.6	20.3	15.9	14.9	16.9	14.9

**Mortality statistics are 2010.

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	0	0	0	0	0	923
Crude rate of hospitalizations (per 100,000)	0	0	0	0	0	38
Median age of hospitalized patients	63	0	0	0	0	59
Total cost of hospitalization (\$)	0	0	0	0	0	50,631,800
Average length of hospital stay (days)	0	0	0	0	0	3
Number of deaths	2	1	1	0	2	633
Age-Adjusted Death rate (per 100,000)	9.7	16.9	7.1	0	9.7	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1	0	1	0	1	142
Crude rate of hospitalizations (per 100,000)	8.2	0	13.1	0	8.2	6
Median age of hospitalized patients	66	0	66	0	66	55
Total cost of hospitalization (\$)	89500	0	89500	0	89500	6,269,800
Average length of hospital stay (days)	14	0	14	0	14	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	7	3	4	4	3	2,041
Crude rate of hospitalizations (per 100,000)	26	30	25	28	25	43
Median age of hospitalized patients	66	58	66	66	57	67
Total cost of hospitalization (\$)	342,000	92,600	249,400	179,300	162,700	145,739,900
Average length of hospital stay (days)	6	4	8	4	9	7
Number of deaths	9	5	4	6	3	2,825
Age-Adjusted Death rate (per 100,000)	27.8	49.8	18.4	43.4	17.4	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	3	3	0	3	0	970
Crude rate of hospitalizations (per 100,000)	21	55	0	21	0	42
Median age of hospitalized patients	81	81	0	81	0	63
Total cost of hospitalization (\$)	149,900	149,900	0	149,900	0	46,328,200
Average length of hospital stay (days)	4	4	0	4	0	3
Number of deaths	4	4	0	4	0	457
Age-Adjusted Death rate (per 100,000)	40.3	188.5	0.0	40.3	0	21.2

*DHEC Health Region Midlands: Aiken, Barnwell, Chester, Edgefield, Fairfield, Kershaw, Lancaster, Lexington, Newberry, Richland, Saluda, York.

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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State of South Carolina, Department of Health and Environmental Control, Bureau of Community Health and Chronic Disease Prevention, County Chronic Disease Fact Sheet

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

