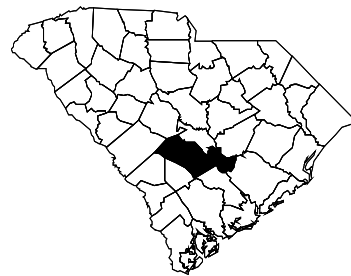


COORDINATED CHRONIC DISEASE FACT SHEET ORANGEBURG County, 2013



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 Orangeburg 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 Orangeburg county are between the ages of 18-44 which is slightly lower than the state (35%). There are more females (53%) than males (47%). Orangeburg county has a much higher minority population (63%) than the state (29%).

	ORANGEBURG COUNTY	STATE
Population size	90,940	4,774,840
Age distribution (%)		
<18	23.2	22.8
18-44	33.4	35.4
45-64	26.9	26.6
65-84	14.6	13.6
85+	2.0	1.6
Race (%)		
White	35.4	69.2
Black	63.0	28.5
Sex (%)		
Male	47.0	48.7
Female	53.0	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 (%)	16.36	14.96	16.28	21.65	12.01	22.00
Sedentary lifestyle (%)	23.85	27.03	21.83	22.64	24.86	26.87
Overweight or Obese (%)	65.50	73.09	63.37	69.24	62.22	66.47
High Cholesterol (%)	45.50	43.06	47.14	48.79	42.73	42.58
Median daily servings of fruits	1.00	1.05	1.00	0.98	1.12	0.99
Median daily servings of vegetables	1.57	1.14	1.72	1.45	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 (%)*	39.2	NA	NA	NA	NA	38.4
Number of hospitalizations	203	179	22	107	96	5,334
Crude rate of hospitalizations (per 100,000)	223	313	68	250	199	112
Median age of hospitalized patients	55	54	67	51	63	59
Total cost of hospitalization (\$)	6,190,000	5,395,800	775,100	3,042,100	3,147,900	200,069,800
Average length of hospital stay (days)	4	4	3	4	4	5
Number of ER visits	424	374	48	178	246	15,651
Crude rate of ER visits (per 100,000)	466	653	149	416	511	328
Median age of ER patients	50	49	66	50	51	54
Total cost of ER visits (\$)	1,383,100	1,194,500	183,100	517,100	866,000	49,710,700
Number of deaths	15	9	6	7	8	418
Age-Adjusted Death rate (per 100,000)	14.0	16.0	12.1	16.7	11.2	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.7	NA	NA	NA	NA	4.9
Number of hospitalizations	1,248	690	498	651	597	50,827
Crude rate of hospitalizations (per 100,000)	1,372	1,205	1,549	1,522	1,239	1,064
Median age of hospitalized patients	68	65	73	66	70	68
Total cost of hospitalization (\$)	57,873,100	27,201,200	27,484,500	31,972,100	25,901,000	3,099,389,600
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ER visits	545	367	172	279	266	19,962
Crude rate of ER visits (per 100,000)	599	641	535	652	552	418
Median age of ER patients	63	59	70	62	64	64
Total cost of ER visits (\$)	3,486,400	2,239,300	1,227,000	1,603,700	1,882,700	168,582,900
Number of deaths	206	104	102	117	89	9,604
Age-Adjusted Death rate (per 100,000)	184.5	173.9	197.4	254.7	132.3	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.8	NA	NA	NA	NA	3.8
Number of hospitalizations	443	222	201	232	211	14,943
Crude rate of hospitalizations (per 100,000)	487	388	625	542	438	313
Median age of hospitalized patients	69	68	70	68	71	69
Total cost of hospitalization (\$)	22,847,300	12,554,500	9,072,900	11,356,100	11,491,200	690,018,200
Average length of hospital stay (days)	6	7	4	5	6	5
Number of ER visits	89	57	32	42	47	5,283
Crude rate of ER visits (per 100,000)	98	100	100	98	98	111
Median age of ER patients	66	63	72	67	66	66
Total cost of ER visits (\$)	668,400	394,900	273,500	332,300	336,100	53,018,800
Number of deaths	79	36	42	35	44	2,488
Age-Adjusted Death rate (per 100,000)	69.9	63.0	77.1	81.7	62.9	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	315	173	135	146	169	15,659
Crude rate of hospitalizations (per 100,000)	346	302	420	341	351	328
Median age of hospitalized patients	60	55	69	60	63	63
Total cost of hospitalization (\$)	6,661,300	3,284,600	3,229,200	2,755,200	3,906,100	439,323,600
Average length of hospital stay (days)	3	3	4	3	4	4
Number of ER visits	1,867	1,428	420	851	1,016	49,050
Crude rate of ER visits (per 100,000)	2,053	2,494	1,306	1,989	2,109	1,027
Median age of ER patients	35	31	50	30	39	40
Total cost of ER visits (\$)	4,653,800	3,336,600	1,275,100	2,172,300	2,481,500	134,527,100
Number of deaths	50	15	34	27	23	2,751
Age-Adjusted Death rate (per 100,000)	43.5	24.9	62.8	54.9	34.4	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	14.0	NA	NA	NA	NA	12.5
Number of hospitalizations	286	216	63	151	135	9,764
Crude rate of hospitalizations (per 100,000)	314	377	196	353	280	204
Median age of hospitalized patients	50	50	52	53	45	51
Total cost of hospitalization (\$)	7,960,400	5,840,500	1,989,000	3,752,400	4,208,000	321,377,000
Average length of hospital stay (days)	4	4	5	4	5	5
Number of ER visits	476	386	86	230	246	13,909
Crude rate of ER visits (per 100,000)	523	674	267	538	511	291
Median age of ER patients	54	54	52	54	54	52
Total cost of ER visits (\$)	1,464,000	1,179,600	274,700	684,500	779,500	46,056,100
Number of deaths	56	38	18	30	26	1,239
Age-Adjusted Death rate (per 100,000)	48.5	64.8	35.0	61.1	40.1	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	352	195	148	191	161	14,136
Crude rate of hospitalizations (per 100,000)	387	341	460	446	334	296
Median age of hospitalized patients	64	62	66	64	64	64
Total cost of hospitalization (\$)	23,233,300	11,390,400	10,466,700	12,973,800	10,259,500	963,427,600
Average length of hospital stay (days)	7	6	7	7	7	7
Number of deaths	217	128	89	132	85	9,700
Age-Adjusted Death rate (per 100,000)	191.0	212.9	170.9	267.5	136.1	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	64	36	26	38	26	1,796
Crude rate of hospitalizations (per 100,000)	70	63	81	89	54	38
Median age of hospitalized patients	61	61	66	61	68	65
Total cost of hospitalization (\$)	4,501,100	2,515,400	1,772,200	2,590,000	1,911,100	140,452,900
Average length of hospital stay (days)	8	8	7	7	9	8
Number of deaths	27	11	16	13	14	821
Age-Adjusted Death rate (per 100,000)	23.2	17.9	30.1	28.4	20.1	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	27	16	10	0	27	923
Crude rate of hospitalizations (per 100,000)	56	52	61	0	56	38
Median age of hospitalized patients	66	65	69	0	66	59
Total cost of hospitalization (\$)	1,244,800	733,100	484,700	0	1,244,800	50,631,800
Average length of hospital stay (days)	3	3	3	0	3	3
Number of deaths	12	9	3	0	12	633
Age-Adjusted Death rate (per 100,000)	23.1	29.7	10.8	0	23.1	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	5	3	2	0	5	142
Crude rate of hospitalizations (per 100,000)	10	10	12	0	10	6
Median age of hospitalized patients	66	59	66	0	66	55
Total cost of hospitalization (\$)	165,600	109,800	55,800	0	165,600	6,269,800
Average length of hospital stay (days)	5	7	3	0	5	4
Number of deaths	0	0	0	0	0	74
Age-Adjusted Death rate (per 100,000)	0.0	0.0	0.0	0	0.0	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	46	25	21	27	19	2,041
Crude rate of hospitalizations (per 100,000)	51	44	65	63	39	43
Median age of hospitalized patients	68	67	72	67	72	67
Total cost of hospitalization (\$)	2,960,800	1,519,200	1,441,600	1,771,100	1,189,700	145,739,900
Average length of hospital stay (days)	8	9	6	7	8	7
Number of deaths	60	33	27	39	21	2,825
Age-Adjusted Death rate (per 100,000)	51.0	51.6	50.6	73.9	32.7	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	23	17	6	23	0	970
Crude rate of hospitalizations (per 100,000)	54	65	38	54	0	42
Median age of hospitalized patients	60	60	62	60	0	63
Total cost of hospitalization (\$)	1,260,200	916,700	343,500	1,260,200	0	46,328,200
Average length of hospital stay (days)	2	2	2	2	0	3
Number of deaths	13	9	4	13	0	457
Age-Adjusted Death rate (per 100,000)	28.0	39.7	17.9	28.0	0	21.2

*DHEC Health Region Low Country: Allendale, Bamberg, Beaufort, Berkeley, Calhoun, Charleston, Colleton, Dorchester, Hampton, Jasper, Orangeburg.

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/>

