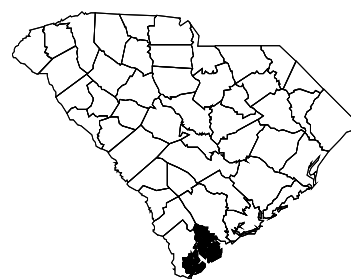


# COORDINATED CHRONIC DISEASE FACT SHEET BEAUFORT County, 2013



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

The population size of Beaufort county to date is 171,840. The largest portion (32%) of the population in Beaufort county are between ages of 18-44. The ratio between males and females is about the same. Beaufort County's minority population (20%) is lower than the state (29%). The elderly population (23%) is higher than the state (15%).

	BEAUFORT COUNTY	STATE
<b>Population size</b>	171,840	4,774,840
<b>Age distribution (%)</b>		
<18	20.5	22.8
18-44	31.9	35.4
45-64	24.3	26.6
65-84	21.1	13.6
85+	2.2	1.6
<b>Race (%)</b>		
White	78.0	69.2
Black	19.9	28.5
<b>Sex (%)</b>		
Male	49.3	48.7
Female	50.7	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 (%)	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	133	72	57	61	72	5,334
Crude rate of hospitalizations (per 100,000)	77	210	43	72	83	112
Median age of hospitalized patients	61	57	73	54	68	59
Total cost of hospitalization (\$)	3,428,100	1,726,400	1,464,700	1,687,800	1,740,300	200,069,800
Average length of hospital stay (days)	5	4	4	4	5	5
Number of ER visits	618	303	288	264	354	15,651
Crude rate of ER visits (per 100,000)	360	884	215	312	406	328
Median age of ER patients	60	50	71	57	63	54
Total cost of ER visits (\$)	2,104,400	1,025,600	994,800	944,800	1,159,600	49,710,700
Number of deaths	17	9	8	5	12	418
Age-Adjusted Death rate (per 100,000)	6.8	30.5	3.8	5.0	8.0	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.7	NA	NA	NA	NA	4.9
Number of hospitalizations	1,363	320	1,009	762	601	50,827
Crude rate of hospitalizations (per 100,000)	793	934	753	900	690	1,064
Median age of hospitalized patients	71	64	73	70	73	68
Total cost of hospitalization (\$)	65,297,100	10,862,700	52,877,300	42,220,200	23,076,900	3,099,389,600
Average length of hospital stay (days)	4	5	4	4	5	5
Number of ER visits	573	110	454	332	241	19,962
Crude rate of ER visits (per 100,000)	333	321	339	392	277	418
Median age of ER patients	69	59	71	68	71	64
Total cost of ER visits (\$)	4,627,600	878,000	3,703,800	2,797,300	1,830,300	168,582,900
Number of deaths	271	52	217	172	99	9,604
Age-Adjusted Death rate (per 100,000)	109.2	186.2	99.2	153.2	72.1	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.8	NA	NA	NA	NA	3.8
Number of hospitalizations	446	97	330	236	210	14,943
Crude rate of hospitalizations (per 100,000)	260	283	246	279	241	313
Median age of hospitalized patients	72	67	75	70	75	69
Total cost of hospitalization (\$)	16,447,900	4,507,400	11,054,200	8,819,200	7,628,700	690,018,200
Average length of hospital stay (days)	4	7	3	5	4	5
Number of ER visits	264	40	214	129	135	5,283
Crude rate of ER visits (per 100,000)	154	117	160	152	155	111
Median age of ER patients	71	64	72	68	74	66
Total cost of ER visits (\$)	2,828,800	401,100	2,313,300	1,341,800	1,487,000	53,018,800
Number of deaths	78	15	63	29	49	2,488
Age-Adjusted Death rate (per 100,000)	31.5	48.9	29.8	25.5	35.6	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	461	118	326	198	263	15,659
Crude rate of hospitalizations (per 100,000)	268	344	243	234	302	328
Median age of hospitalized patients	68	58	71	67	68	63
Total cost of hospitalization (\$)	10,655,800	2,281,900	8,061,300	4,276,100	6,379,700	439,323,600
Average length of hospital stay (days)	4	4	4	4	5	4
Number of ER visits	1,078	558	430	476	602	49,050
Crude rate of ER visits (per 100,000)	627	1,629	321	562	691	1,027
Median age of ER patients	37	29	49	24	46	40
Total cost of ER visits (\$)	3,329,200	1,649,100	1,511,900	1,363,000	1,966,200	134,527,100
Number of deaths	73	5	68	35	38	2,751
Age-Adjusted Death rate (per 100,000)	27.3	14.6	29.5	27.1	26.6	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	14.0	NA	NA	NA	NA	12.5
Number of hospitalizations	235	114	112	122	113	9,764
Crude rate of hospitalizations (per 100,000)	137	333	84	144	130	204
Median age of hospitalized patients	55	54	57	56	54	51
Total cost of hospitalization (\$)	6,609,200	3,223,000	3,103,600	3,461,000	3,148,200	321,377,000
Average length of hospital stay (days)	5	5	4	5	5	5
Number of ER visits	392	248	129	164	228	13,909
Crude rate of ER visits (per 100,000)	228	724	96	194	262	291
Median age of ER patients	55	53	57	56	54	52
Total cost of ER visits (\$)	1,452,600	858,600	540,700	617,800	834,800	46,056,100
Number of deaths	24	7	17	11	13	1,239
Age-Adjusted Death rate (per 100,000)	10.0	24.5	7.7	9.5	10.2	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	417	85	315	196	221	14,136
Crude rate of hospitalizations (per 100,000)	243	248	235	231	254	296
Median age of hospitalized patients	67	65	68	67	67	64
Total cost of hospitalization (\$)	25,156,200	4,241,300	19,766,600	13,898,900	11,257,300	963,427,600
Average length of hospital stay (days)	6	6	6	7	5	7
Number of deaths	376	56	318	190	186	9,700
Age-Adjusted Death rate (per 100,000)	143.0	180.7	139.3	155.9	134.1	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	51	12	37	21	30	1,796
Crude rate of hospitalizations (per 100,000)	30	35	28	25	34	38
Median age of hospitalized patients	67	61	70	65	70	65
Total cost of hospitalization (\$)	3,135,800	630,200	2,349,400	1,324,800	1,811,000	140,452,900
Average length of hospital stay (days)	7	7	6	5	8	8
Number of deaths	26	3	22	19	7	821
Age-Adjusted Death rate (per 100,000)	9.9	9.4	9.9	16.2	4.6	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	25	5	20	0	25	923
Crude rate of hospitalizations (per 100,000)	29	28	30	0	29	38
Median age of hospitalized patients	61	42	64	0	61	59
Total cost of hospitalization (\$)	1,235,000	214,600	1,020,400	0	1,235,000	50,631,800
Average length of hospital stay (days)	3	3	3	0	3	3
Number of deaths	23	3	20	0	23	633
Age-Adjusted Death rate (per 100,000)	16.7	16.2	17.6	0	16.7	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	9	0	9	0	9	142
Crude rate of hospitalizations (per 100,000)	10	0	13	0	10	6
Median age of hospitalized patients	42	0	42	0	42	55
Total cost of hospitalization (\$)	305,900	0	305,900	0	305,900	6,269,800
Average length of hospital stay (days)	3	0	3	0	3	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	54	10	42	19	35	2,041
Crude rate of hospitalizations (per 100,000)	31	29	31	22	40	43
Median age of hospitalized patients	72	77	72	73	70	67
Total cost of hospitalization (\$)	2,341,200	320,100	1,909,800	973,000	1,368,200	145,739,900
Average length of hospital stay (days)	5	6	5	6	5	7
Number of deaths	103	10	93	48	55	2,825
Age-Adjusted Death rate (per 100,000)	37.7	34.0	39.2	37.4	38.5	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	20	4	15	20	0	970
Crude rate of hospitalizations (per 100,000)	24	25	22	24	0	42
Median age of hospitalized patients	65	55	66	65	0	63
Total cost of hospitalization (\$)	1,042,400	188,500	816,100	1,042,400	0	46,328,200
Average length of hospital stay (days)	3	7	2	3	0	3
Number of deaths	17	4	13	17	0	457
Age-Adjusted Death rate (per 100,000)	14.5	40.1	12.1	14.5	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/>

