

COORDINATED CHRONIC DISEASE FACT SHEET HAMPTON 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 Hampton 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 Hampton county are between the ages of 18-44, similar to the state. There are more males (52%) than females (48%). Hampton county has a higher minority population (54%) than the state (29%).

	HAMPTON COUNTY	STATE
Population size	20,410	4,774,840
Age distribution (%)		
<18	22.3	22.8
18-44	34.9	35.4
45-64	27.4	26.6
65-84	13.8	13.6
85+	1.5	1.6
Race (%)		
White	44.4	69.2
Black	54.4	28.5
Sex (%)		
Male	51.5	48.7
Female	48.5	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	40	37	3	14	26	5,334
Crude rate of hospitalizations (per 100,000)	196	333	33	133	263	112
Median age of hospitalized patients	53	53	60	53	50	59
Total cost of hospitalization (\$)	1,385,900	1,322,600	63,300	677,900	708,000	200,069,800
Average length of hospital stay (days)	5	5	4	7	4	5
Number of ER visits	163	138	24	59	104	15,651
Crude rate of ER visits (per 100,000)	799	1,242	265	561	1,051	328
Median age of ER patients	55	54	70	55	55	54
Total cost of ER visits (\$)	430,400	344,200	80,200	169,900	260,500	49,710,700
Number of deaths	8	5	3	6	2	418
Age-Adjusted Death rate (per 100,000)	37.3	48.1	30.6	62.9	15.8	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.7	NA	NA	NA	NA	4.9
Number of hospitalizations	293	166	111	144	149	50,827
Crude rate of hospitalizations (per 100,000)	1,436	1,494	1,224	1,370	1,505	1,064
Median age of hospitalized patients	66	63	69	63	68	68
Total cost of hospitalization (\$)	12,014,900	6,389,000	4,714,500	6,826,900	5,188,000	3,099,389,600
Average length of hospital stay (days)	5	5	4	5	5	5
Number of ER visits	227	146	80	117	110	19,962
Crude rate of ER visits (per 100,000)	1,112	1,314	882	1,113	1,111	418
Median age of ER patients	65	62	70	63	66	64
Total cost of ER visits (\$)	1,271,500	748,500	514,900	672,600	598,900	168,582,900
Number of deaths	52	31	21	30	22	9,604
Age-Adjusted Death rate (per 100,000)	222.6	294.0	166.7	302.6	164.1	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.8	NA	NA	NA	NA	3.8
Number of hospitalizations	66	41	23	33	33	14,943
Crude rate of hospitalizations (per 100,000)	323	369	254	314	333	313
Median age of hospitalized patients	66	65	71	67	66	69
Total cost of hospitalization (\$)	2,283,700	1,513,000	726,200	1,183,200	1,100,500	690,018,200
Average length of hospital stay (days)	4	5	3	4	4	5
Number of ER visits	53	30	22	26	27	5,283
Crude rate of ER visits (per 100,000)	260	270	243	247	273	111
Median age of ER patients	64	61	67	59	66	66
Total cost of ER visits (\$)	399,300	193,300	145,500	180,400	218,900	53,018,800
Number of deaths	10	7	3	7	3	2,488
Age-Adjusted Death rate (per 100,000)	44.6	71.3	23.6	82.0	21.4	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	89	36	52	41	48	15,659
Crude rate of hospitalizations (per 100,000)	436	324	573	390	485	328
Median age of hospitalized patients	66	58	71	66	69	63
Total cost of hospitalization (\$)	2,631,200	899,300	1,699,400	1,051,300	1,579,900	439,323,600
Average length of hospital stay (days)	5	5	6	4	6	4
Number of ER visits	469	316	150	231	238	49,050
Crude rate of ER visits (per 100,000)	2,298	2,844	1,654	2,198	2,404	1,027
Median age of ER patients	41	38	47	34	45	40
Total cost of ER visits (\$)	1,022,600	699,400	320,500	475,200	547,400	134,527,100
Number of deaths	10	1	9	5	5	2,751
Age-Adjusted Death rate (per 100,000)	40.7	6	68.8	44.8	36.0	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	14.0	NA	NA	NA	NA	12.5
Number of hospitalizations	90	64	25	38	52	9,764
Crude rate of hospitalizations (per 100,000)	441	576	276	362	525	204
Median age of hospitalized patients	53	40	59	57	40	51
Total cost of hospitalization (\$)	2,375,100	1,520,700	822,500	926,100	1,449,000	321,377,000
Average length of hospital stay (days)	5	4	5	4	5	5
Number of ER visits	125	102	23	48	77	13,909
Crude rate of ER visits (per 100,000)	612	918	254	457	778	291
Median age of ER patients	56	52	59	61	50	52
Total cost of ER visits (\$)	492,600	421,900	70,700	247,500	245,100	46,056,100
Number of deaths	8	7	1	5	3	1,239
Age-Adjusted Death rate (per 100,000)	34.9	65.9	8.2	54.1	27.2	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	85	47	37	58	27	14,136
Crude rate of hospitalizations (per 100,000)	416	423	408	552	273	296
Median age of hospitalized patients	66	66	67	64	67	64
Total cost of hospitalization (\$)	5,704,200	2,991,400	2,688,800	4,039,400	1,664,800	963,427,600
Average length of hospital stay (days)	7	6	8	7	6	7
Number of deaths	50	22	28	30	20	9,700
Age-Adjusted Death rate (per 100,000)	197.9	182.6	215.5	262.7	153.9	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	9	6	3	6	3	1,796
Crude rate of hospitalizations (per 100,000)	44	54	33	57	30	38
Median age of hospitalized patients	63	67	59	63	66	65
Total cost of hospitalization (\$)	846,500	334,100	512,400	743,800	102,700	140,452,900
Average length of hospital stay (days)	14	9	23	19	4	8
Number of deaths	5	1	4	1	4	821
Age-Adjusted Death rate (per 100,000)	19.3	5.8	33.7	6.6	32.3	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	3	2	1	0	3	923
Crude rate of hospitalizations (per 100,000)	30	36	23	0	30	38
Median age of hospitalized patients	71	73	71	0	71	59
Total cost of hospitalization (\$)	71,200	37,900	33,300	0	71,200	50,631,800
Average length of hospital stay (days)	3	2	4	0	3	3
Number of deaths	2	2	0	0	2	633
Age-Adjusted Death rate (per 100,000)	19.5	37	0.0	0	19.5	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1	1	0	0	1	142
Crude rate of hospitalizations (per 100,000)	10	18	0	0	10	6
Median age of hospitalized patients	61	61	0	0	61	55
Total cost of hospitalization (\$)	87,900	87,900	0	0	87,900	6,269,800
Average length of hospital stay (days)	14	14	0	0	14	4
Number of deaths	1	1	0	0	1	74
Age-Adjusted Death rate (per 100,000)	13.8	23.7	0.0	0	13.8	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	12	4	7	10	2	2,041
Crude rate of hospitalizations (per 100,000)	59	36	77	95	20	43
Median age of hospitalized patients	69	71	66	70	64	67
Total cost of hospitalization (\$)	510,800	121,400	365,400	458,300	52,500	145,739,900
Average length of hospital stay (days)	5	5	5	6	3	7
Number of deaths	20	8	12	13	7	2,825
Age-Adjusted Death rate (per 100,000)	78.6	62.4	94.6	116.8	47.6	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	8	5	3	8	0	970
Crude rate of hospitalizations (per 100,000)	76	89	63	76	0	42
Median age of hospitalized patients	67	69	58	66	0	63
Total cost of hospitalization (\$)	425,300	265,600	159,700	425,300	0	46,328,200
Average length of hospital stay (days)	3	4	1	3	0	3
Number of deaths	5	2	3	5	0	457
Age-Adjusted Death rate (per 100,000)	57.7	54.8	60.5	57.7	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:

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Hospital discharge and ER visits, contact:

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For more details, please view the Technical Document below
<http://www.scdhec.gov/Health/docs/EpiTechNotes.pdf>

Citation Format:

State of South Carolina, Department of Health and Environmental Control, Bureau of Community Health and Chronic Disease Prevention, County Chronic Disease Fact Sheet
November 2014
<http://www.scdhec.gov/Health/SCPublicHealthStatisticsMaps/County-SpecificEpidemiologicalData/>

