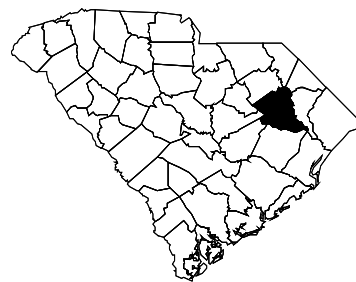


COORDINATED CHRONIC DISEASE FACT SHEET FLORENCE County, 2013



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

The distribution of Florence county’s population is similar to the state population. The largest portion (35%) of the population in Florence county are between the ages of 18-44, and there are more females (53%) than males (47%). However, Florence county has a higher minority population (43%) than the state (29%).

	FLORENCE	STATE
Population size	138,330	4,774,840
Age distribution (%)		
<18	24.2	22.8
18-44	34.9	35.4
45-64	26.5	26.6
65-84	12.9	13.6
85+	1.6	1.6
Race (%)		
White	55.4	69.2
Black	42.6	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 (%)	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	308	199	99	134	174	5,334
Crude rate of hospitalizations (per 100,000)	223	337	129	206	237	112
Median age of hospitalized patients	63	60	68	61	65	59
Total cost of hospitalization (\$)	14,188,800	8,868,200	4,959,400	6,294,800	7,894,000	200,069,800
Average length of hospital stay (days)	5	5	6	5	6	5
Number of ER visits	588	406	178	233	355	15,651
Crude rate of ER visits (per 100,000)	425	688	232	359	484	328
Median age of ER patients	55	51	64	54	56	54
Total cost of ER visits (\$)	2,379,500	1,598,900	773,400	842,300	1,537,200	49,710,700
Number of deaths	10	3	7	5	5	418
Age-Adjusted Death rate (per 100,000)	6.6	4.5	7.3	7.5	5.0	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6.4	NA	NA	NA	NA	4.9
Number of hospitalizations	2,222	888	1,319	1,162	1,060	50,827
Crude rate of hospitalizations (per 100,000)	1,606	1,505	1,720	1,789	1,445	1,064
Median age of hospitalized patients	67	63	69	65	69	68
Total cost of hospitalization (\$)	143,102,300	53,679,300	88,261,100	78,985,700	64,116,600	3,099,389,600
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ER visits	587	282	300	273	314	19,962
Crude rate of ER visits (per 100,000)	424	478	391	420	428	418
Median age of ER patients	64	61	67	63	65	64
Total cost of ER visits (\$)	5,206,200	2,542,500	2,576,500	2,470,300	2,735,900	168,582,900
Number of deaths	367	140	225	175	192	9,604
Age-Adjusted Death rate (per 100,000)	245.2	273.8	230.5	283.3	210.4	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.6	NA	NA	NA	NA	3.8
Number of hospitalizations	672	285	384	305	367	14,943
Crude rate of hospitalizations (per 100,000)	486	483	501	470	500	313
Median age of hospitalized patients	67	64	70	67	68	69
Total cost of hospitalization (\$)	33,551,100	14,939,500	18,445,000	16,374,900	17,176,200	690,018,200
Average length of hospital stay (days)	5	5	4	5	5	5
Number of ER visits	153	58	93	71	82	5,283
Crude rate of ER visits (per 100,000)	111	98	121	109	112	111
Median age of ER patients	63	57	68	63	63	66
Total cost of ER visits (\$)	2,116,900	780,500	1,307,500	951,600	1,165,300	53,018,800
Number of deaths	89	35	54	43	46	2,488
Age-Adjusted Death rate (per 100,000)	61.0	75.5	54.5	73.2	50.9	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	762	273	481	305	457	15,659
Crude rate of hospitalizations (per 100,000)	551	463	627	470	623	328
Median age of hospitalized patients	62	58	65	63	62	63
Total cost of hospitalization (\$)	27,322,400	9,254,900	17,934,500	10,889,300	16,433,100	439,323,600
Average length of hospital stay (days)	5	4	5	4	5	4
Number of ER visits	1,895	1,231	646	807	1,088	49,050
Crude rate of ER visits (per 100,000)	1,370	2,087	842	1,242	1,483	1,027
Median age of ER patients	39	31	50	32	41	40
Total cost of ER visits (\$)	6,022,300	3,251,600	2,719,800	2,699,100	3,323,200	134,527,100
Number of deaths	84	9	75	38	46	2,751
Age-Adjusted Death rate (per 100,000)	54.9	16.3	74.5	63.5	50.0	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	16.4	NA	NA	NA	NA	12.5
Number of hospitalizations	477	276	198	239	238	9,764
Crude rate of hospitalizations (per 100,000)	345	468	258	368	324	204
Median age of hospitalized patients	54	53	54	53	55	51
Total cost of hospitalization (\$)	19,039,000	11,382,800	7,627,100	10,618,800	8,420,200	321,377,000
Average length of hospital stay (days)	5	5	4	5	5	5
Number of ER visits	623	438	176	261	362	13,909
Crude rate of ER visits (per 100,000)	450	742	229	402	493	291
Median age of ER patients	56	55	59	56	56	52
Total cost of ER visits (\$)	2,348,100	1,637,900	679,900	902,400	1,445,700	46,056,100
Number of deaths	31	17	13	16	15	1,239
Age-Adjusted Death rate (per 100,000)	19.3	32.2	12.3	22.3	16.9	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	636	248	376	323	313	14,136
Crude rate of hospitalizations (per 100,000)	460	420	490	497	427	296
Median age of hospitalized patients	65	64	66	65	65	64
Total cost of hospitalization (\$)	43,412,800	16,473,700	26,177,900	23,045,500	20,367,300	963,427,600
Average length of hospital stay (days)	6	7	6	7	6	7
Number of deaths	295	115	178	164	131	9,700
Age-Adjusted Death rate (per 100,000)	187.5	210.2	174.4	246.0	145.8	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	71	31	40	36	35	1,796
Crude rate of hospitalizations (per 100,000)	51	53	52	55	48	38
Median age of hospitalized patients	66	62	70	65	67	65
Total cost of hospitalization (\$)	6,755,200	2,774,000	3,981,200	3,397,900	3,357,300	140,452,900
Average length of hospital stay (days)	8	9	7	8	8	8
Number of deaths	31	16	15	15	16	821
Age-Adjusted Death rate (per 100,000)	19.5	27.7	15.1	19.9	17.9	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	66	18	47	0	66	923
Crude rate of hospitalizations (per 100,000)	90	55	119	0	90	38
Median age of hospitalized patients	64	66	63	0	64	59
Total cost of hospitalization (\$)	2,970,600	846,100	2,044,200	0	2,970,600	50,631,800
Average length of hospital stay (days)	3	3	2	0	3	3
Number of deaths	24	14	10	0	24	633
Age-Adjusted Death rate (per 100,000)	26.1	42.9	16.9	0	26.1	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	9	8	1	0	9	142
Crude rate of hospitalizations (per 100,000)	12	25	2.5	0	12	6
Median age of hospitalized patients	41	41	67	0	41	55
Total cost of hospitalization (\$)	280,600	213,300	67300	0	280,600	6,269,800
Average length of hospital stay (days)	3	3	3	0	3	4
Number of deaths	6	5	1	0	6	74
Age-Adjusted Death rate (per 100,000)	7.3	14.5	2.4	0	7.3	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	116	30	83	77	39	2,041
Crude rate of hospitalizations (per 100,000)	84	51	108	119	53	43
Median age of hospitalized patients	67	67	69	68	67	67
Total cost of hospitalization (\$)	9,223,900	1,989,300	7,019,100	5,602,300	3,621,600	145,739,900
Average length of hospital stay (days)	7	6	8	7	8	7
Number of deaths	95	26	69	63	32	2,825
Age-Adjusted Death rate (per 100,000)	60.5	50.2	67.2	95.3	35.3	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	31	17	14	31	0	970
Crude rate of hospitalizations (per 100,000)	48	64	38	48	0	42
Median age of hospitalized patients	64	64	63	64	0	63
Total cost of hospitalization (\$)	1,688,300	1,005,500	682,800	1,688,300	0	46,328,200
Average length of hospital stay (days)	3	4	3	3	0	3
Number of deaths	8	3	5	8	0	457
Age-Adjusted Death rate (per 100,000)	14.3	16.3	13.5	14.3	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:

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/>

