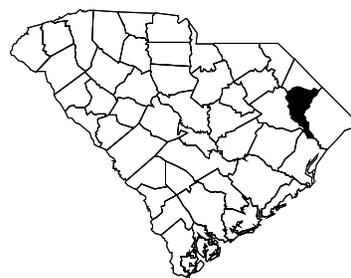


# COORDINATED CHRONIC DISEASE FACT SHEET MARION County, 2013



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

The largest portion (32%) of the population in Marion county are between the ages of 18-44 , which is lower than the state (35%). There are more females (54%) than males (46%). Marion county has a higher minority population (57%) than the state (29%).

	MARION COUNTY	STATE
<b>Population size</b>	32,070	4,774,840
<b>Age distribution (%)</b>		
<18	23.4	22.8
18-44	31.8	35.4
45-64	28.3	26.6
65-84	14.7	13.6
85+	1.8	1.6
<b>Race (%)</b>		
White	41.8	69.2
Black	56.7	28.5
<b>Sex (%)</b>		
Male	46.2	48.7
Female	53.9	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	70	51	16	32	38	5,334
Crude rate of hospitalizations (per 100,000)	218	281	119	216	220	112
Median age of hospitalized patients	61	58	64	57	66	59
Total cost of hospitalization (\$)	4,537,800	3,766,800	524,500	2,360,900	2,176,900	200,069,800
Average length of hospital stay (days)	7	7	4	7	7	5
Number of ER visits	196	157	38	77	119	15,651
Crude rate of ER visits (per 100,000)	611	864	284	520	689	328
Median age of ER patients	55	55	59	52	55	54
Total cost of ER visits (\$)	464,900	331,500	133,000	187,800	277,100	49,710,700
Number of deaths	7	5	2	3	4	418
Age-Adjusted Death rate (per 100,000)	17.8	27.6	7.7	18.4	15.0	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6.4	NA	NA	NA	NA	4.9
Number of hospitalizations	673	343	323	335	338	50,827
Crude rate of hospitalizations (per 100,000)	2,099	1,887	2,410	2,262	1,957	1,064
Median age of hospitalized patients	66	62	69	65	69	68
Total cost of hospitalization (\$)	38,965,700	17,616,800	20,866,500	22,158,600	16,807,100	3,099,389,600
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ER visits	287	173	113	135	152	19,962
Crude rate of ER visits (per 100,000)	895	952	843	912	880	418
Median age of ER patients	64	61	70	64	65	64
Total cost of ER visits (\$)	1,671,400	891,000	778,400	818,600	852,800	168,582,900
Number of deaths	117	60	53	56	61	9,604
Age-Adjusted Death rate (per 100,000)	298.6	311.5	264.3	352.2	252.8	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.6	NA	NA	NA	NA	3.8
Number of hospitalizations	160	82	76	73	87	14,943
Crude rate of hospitalizations (per 100,000)	499	451	567	493	504	313
Median age of hospitalized patients	66	64	68	65	67	69
Total cost of hospitalization (\$)	9,475,300	4,390,000	4,954,800	4,149,000	5,326,300	690,018,200
Average length of hospital stay (days)	6	6	6	6	6	5
Number of ER visits	50	32	18	14	36	5,283
Crude rate of ER visits (per 100,000)	156	176	134	95	208	111
Median age of ER patients	64	61	65	60	65	66
Total cost of ER visits (\$)	483,100	368,600	114,500	108,000	375,100	53,018,800
Number of deaths	27	12	15	12	15	2,488
Age-Adjusted Death rate (per 100,000)	70.6	67.1	72.9	76.5	60.6	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	190	91	99	83	107	15,659
Crude rate of hospitalizations (per 100,000)	592	501	739	560	620	328
Median age of hospitalized patients	60	56	66	62	59	63
Total cost of hospitalization (\$)	5,016,900	2,463,900	2,553,000	2,336,500	2,680,400	439,323,600
Average length of hospital stay (days)	4	4	4	4	4	4
Number of ER visits	552	380	163	243	309	49,050
Crude rate of ER visits (per 100,000)	1,721	2,090	1,216	1,641	1,789	1,027
Median age of ER patients	46	43	54	43	46	40
Total cost of ER visits (\$)	1,520,200	953,300	550,900	622,600	897,600	134,527,100
Number of deaths	24	6	18	16	8	2,751
Age-Adjusted Death rate (per 100,000)	57.5	28.4	82.9	97.4	30.9	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	16.4	NA	NA	NA	NA	12.5
Number of hospitalizations	150	122	28	73	77	9,764
Crude rate of hospitalizations (per 100,000)	468	671	209	493	446	204
Median age of hospitalized patients	46	44	50	49	44	51
Total cost of hospitalization (\$)	5,497,000	4,503,400	993,600	2,106,000	3,391,000	321,377,000
Average length of hospital stay (days)	5	5	5	4	6	5
Number of ER visits	249	210	35	110	139	13,909
Crude rate of ER visits (per 100,000)	776	1,155	261	743	805	291
Median age of ER patients	58	58	64	58	58	52
Total cost of ER visits (\$)	718,500	619,600	90,400	326,100	392,400	46,056,100
Number of deaths	19	15	4	10	9	1,239
Age-Adjusted Death rate (per 100,000)	50.9	84.5	18.3	73.1	40.1	12.8

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	157	75	78	87	70	14,136
Crude rate of hospitalizations (per 100,000)	490	413	582	587	405	296
Median age of hospitalized patients	65	61	66	65	64	64
Total cost of hospitalization (\$)	11,108,900	5,346,000	5,648,000	7,260,200	3,848,700	963,427,600
Average length of hospital stay (days)	7	8	6	8	6	7
Number of deaths	86	43	43	51	35	9,700
Age-Adjusted Death rate (per 100,000)	204.6	205.5	208.6	289.7	144.3	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	22	10	12	10	12	1,796
Crude rate of hospitalizations (per 100,000)	69	55	90	68	69	38
Median age of hospitalized patients	66	63	70	69	66	65
Total cost of hospitalization (\$)	2,025,600	1,016,500	1,009,100	1,055,700	969,900	140,452,900
Average length of hospital stay (days)	9	10	8	11	7	8
Number of deaths	8	2	6	5	3	821
Age-Adjusted Death rate (per 100,000)	20.1	13.2	27.5	34.1	12.6	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	6	5	1	0	6	923
Crude rate of hospitalizations (per 100,000)	35	49	15	0	35	38
Median age of hospitalized patients	50	49	70	0	50	59
Total cost of hospitalization (\$)	276,200	239,300	36,900	0	276,200	50,631,800
Average length of hospital stay (days)	2	2	1	0	2	3
Number of deaths	6	2	4	0	6	633
Age-Adjusted Death rate (per 100,000)	30.0	19.5	42.9	0	30.0	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	0	0	0	0	0	142
Crude rate of hospitalizations (per 100,000)	0	0	0	0	0	6
Median age of hospitalized patients	0	0	0	0	0	55
Total cost of hospitalization (\$)	0	0	0	0	0	6,269,800
Average length of hospital stay (days)	0	0	0	0	0	4
Number of deaths	1	1	0	0	1	74
Age-Adjusted Death rate (per 100,000)	3.2	5.9	0.0	0	3.2	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	30	15	15	18	12	2,041
Crude rate of hospitalizations (per 100,000)	94	83	112	122	69	43
Median age of hospitalized patients	66	66	66	67	66	67
Total cost of hospitalization (\$)	2,103,000	1,053,200	1,049,800	1,501,400	601,600	145,739,900
Average length of hospital stay (days)	6	6	5	6	4	7
Number of deaths	22	11	11	15	7	2,825
Age-Adjusted Death rate (per 100,000)	49.0	48.3	50.9	77.9	26.6	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	6	1	5	6	0	970
Crude rate of hospitalizations (per 100,000)	41	12.4	77	41	0	42
Median age of hospitalized patients	63	65	62	63	0	63
Total cost of hospitalization (\$)	278,300	37,400	240,900	278,300	0	46,328,200
Average length of hospital stay (days)	4	8	3	4	0	3
Number of deaths	6	4	2	6	0	457
Age-Adjusted Death rate (per 100,000)	35.0	51.2	25.2	35.0	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:**  
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2100 Bull St  
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**Hospital discharge and ER visits, contact:**  
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Health and Demographics  
1919 Blanding Street  
Columbia, SC 29201  
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<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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