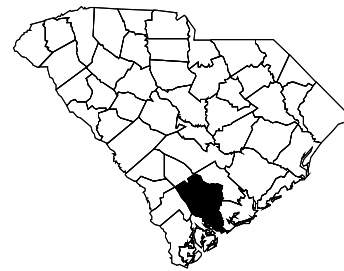


COORDINATED CHRONIC DISEASE FACT SHEET COLLETON County, 2013



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

The largest portion (31%) of the population in Colleton county are between the ages of 18-44. The elderly population (18%) is slightly higher than the state (15%). Colleton county's gender distribution is similar to the state's average, however its minority population (39%) is higher than the state (29%).

	COLLETON COUNTY	STATE
Population size	37,790	4,774,840
Age distribution (%)		
<18	22.9	22.8
18-44	30.6	35.4
45-64	28.7	26.6
65-84	15.9	13.6
85+	2.0	1.6
Race (%)		
White	59.3	69.2
Black	39.3	28.5
Sex (%)		
Male	47.8	48.7
Female	52.2	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	113	82	30	53	60	5,334
Crude rate of hospitalizations (per 100,000)	299	552	134	293	304	112
Median age of hospitalized patients	62	61	66	57	68	59
Total cost of hospitalization (\$)	4,048,800	2,891,800	1,122,100	2,404,200	1,644,600	200,069,800
Average length of hospital stay (days)	4	4	5	5	4	5
Number of ER visits	187	122	61	73	114	15,651
Crude rate of ER visits (per 100,000)	495	821	272	404	578	328
Median age of ER patients	57	51	61	49	60	54
Total cost of ER visits (\$)	688,100	466,100	211,900	253,900	434,200	49,710,700
Number of deaths	13	6	7	5	8	418
Age-Adjusted Death rate (per 100,000)	27.3	35.3	23.7	25.1	28.4	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.7	NA	NA	NA	NA	4.9
Number of hospitalizations	638	256	372	346	292	50,827
Crude rate of hospitalizations (per 100,000)	1,688	1,723	1,660	1,914	1,481	1,064
Median age of hospitalized patients	68	65	69	66	70	68
Total cost of hospitalization (\$)	32,545,700	12,496,900	19,751,100	18,648,000	13,897,700	3,099,389,600
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ER visits	266	123	137	139	127	19,962
Crude rate of ER visits (per 100,000)	704	828	611	769	644	418
Median age of ER patients	63	61	63	63	62	64
Total cost of ER visits (\$)	1,536,900	596,600	908,300	867,200	669,700	168,582,900
Number of deaths	107	39	68	62	45	9,604
Age-Adjusted Death rate (per 100,000)	226.8	228.6	228.7	309.6	161.5	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.8	NA	NA	NA	NA	3.8
Number of hospitalizations	176	80	92	89	87	14,943
Crude rate of hospitalizations (per 100,000)	466	538	411	492	441	313
Median age of hospitalized patients	65	66	65	63	67	69
Total cost of hospitalization (\$)	8,669,600	4,275,400	4,106,700	4,911,900	3,757,700	690,018,200
Average length of hospital stay (days)	5	7	4	6	5	5
Number of ER visits	94	34	57	44	50	5,283
Crude rate of ER visits (per 100,000)	249	229	254	243	254	111
Median age of ER patients	64	60	64	62	68	66
Total cost of ER visits (\$)	823,200	274,700	531,700	395,900	427,300	53,018,800
Number of deaths	23	7	16	14	9	2,488
Age-Adjusted Death rate (per 100,000)	51.8	43.9	57.4	71.3	37.1	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	254	93	156	123	131	15,659
Crude rate of hospitalizations (per 100,000)	672	626	696	680	665	328
Median age of hospitalized patients	65	64	66	65	64	63
Total cost of hospitalization (\$)	8,396,100	3,487,800	4,766,500	4,355,600	4,040,500	439,323,600
Average length of hospital stay (days)	5	5	4	5	5	4
Number of ER visits	680	362	300	314	366	49,050
Crude rate of ER visits (per 100,000)	1,799	2,436	1,339	1,737	1,857	1,027
Median age of ER patients	39	32	44	32	43	40
Total cost of ER visits (\$)	1,645,000	819,200	794,100	706,500	938,500	134,527,100
Number of deaths	41	8	33	17	24	2,751
Age-Adjusted Death rate (per 100,000)	81.6	44.6	102.6	77.7	85.9	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	14.0	NA	NA	NA	NA	12.5
Number of hospitalizations	142	101	36	87	55	9,764
Crude rate of hospitalizations (per 100,000)	376	680	161	481	279	204
Median age of hospitalized patients	50	42	63	47	60	51
Total cost of hospitalization (\$)	4,243,600	3,002,800	1,057,500	2,244,400	1,999,200	321,377,000
Average length of hospital stay (days)	4	5	3	4	5	5
Number of ER visits	166	113	52	84	82	13,909
Crude rate of ER visits (per 100,000)	439	760	232	465	416	291
Median age of ER patients	53	51	57	50	56	52
Total cost of ER visits (\$)	649,900	394,600	251,300	345,600	304,300	46,056,100
Number of deaths	15	9	6	11	4	1,239
Age-Adjusted Death rate (per 100,000)	29.5	49.8	18.8	49.1	14.0	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	156	67	85	67	89	14,136
Crude rate of hospitalizations (per 100,000)	413	451	379	371	452	296
Median age of hospitalized patients	64	63	66	64	63	64
Total cost of hospitalization (\$)	9,554,700	4,249,100	5,177,500	4,717,700	4,837,000	963,427,600
Average length of hospital stay (days)	6	7	6	7	6	7
Number of deaths	116	44	72	59	57	9,700
Age-Adjusted Death rate (per 100,000)	222.0	234.5	217.8	246.9	201.3	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	20	11	9	9	11	1,796
Crude rate of hospitalizations (per 100,000)	53	74	40	50	56	38
Median age of hospitalized patients	72	72	76	72	72	65
Total cost of hospitalization (\$)	1,671,000	789,500	881,500	773,000	898,000	140,452,900
Average length of hospital stay (days)	9	7	10	9	8	8
Number of deaths	6	6	-	5	1	821
Age-Adjusted Death rate (per 100,000)	12.0	34.4	0.0	22.6	3.1	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	7	2	5	0	7	923
Crude rate of hospitalizations (per 100,000)	36	25	44	0	36	38
Median age of hospitalized patients	63	66	58	0	63	59
Total cost of hospitalization (\$)	389,400	99,600	289,800	0	389,400	50,631,800
Average length of hospital stay (days)	6	6	6	0	6	3
Number of deaths	13	4	9	0	13	633
Age-Adjusted Death rate (per 100,000)	47.8	43.9	51.6	0	47.8	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	0	0	0	0	0	74
Age-Adjusted Death rate (per 100,000)	0	0	0	0	0	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	26	7	18	12	14	2,041
Crude rate of hospitalizations (per 100,000)	69	47	80	66	71	43
Median age of hospitalized patients	67	57	70	64	71	67
Total cost of hospitalization (\$)	1,377,900	483,900	886,100	774,000	603,900	145,739,900
Average length of hospital stay (days)	6	7	6	6	7	7
Number of deaths	36	10	26	18	18	2,825
Age-Adjusted Death rate (per 100,000)	68.7	54.7	76.8	74.7	64.1	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	11	4	6	11	0	970
Crude rate of hospitalizations (per 100,000)	61	59	54	61	0	42
Median age of hospitalized patients	60	58	63	60	0	63
Total cost of hospitalization (\$)	559,000	183,900	308,400	559,000	0	46,328,200
Average length of hospital stay (days)	2	2	3	2	0	3
Number of deaths	10	5	5	10	0	457
Age-Adjusted Death rate (per 100,000)	46.8	62.0	36.9	46.8	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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SC Department of Health and Environmental Control
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Columbia, SC 29201
Tel (803) 898-0584

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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<http://www.scdhec.gov/Health/SCPublicHealthStatisticsMaps/County-SpecificEpidemiologicalData/>

