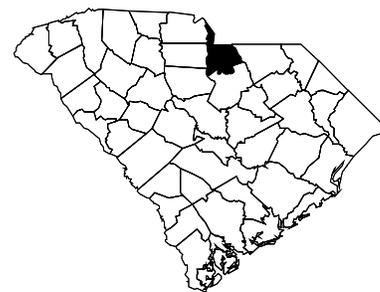


# COORDINATED CHRONIC DISEASE FACT SHEET LANCASTER



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

The distribution of Lancaster county's population is similar to the state population. The largest portion (33%) of the population in Lancaster county are between the ages of 18-44. There is are slightly more females (51%) and males (49%). However, Lancaster county has a lower minority population (24%) than the state (29%).

	LANCASTER COUNTY	STATE
<b>Population size</b>	80,460	4,774,840
<b>Age distribution (%)</b>		
<18	21.7	22.8
18-44	33.3	35.4
45-64	26.8	26.6
65-84	16.4	13.6
85+	1.6	1.6
<b>Race (%)</b>		
White	75.0	69.2
Black	23.8	28.5
<b>Sex (%)</b>		
Male	49.1	48.7
Female	50.9	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 (%)	20.08	17.50	21.35	23.63	17.09	22.00
Sedentary lifestyle (%)	25.85	28.60	24.99	23.56	27.82	26.87
Overweight or Obese (%)	68.49	77.84	66.06	70.51	66.66	66.47
High Cholesterol (%)	42.77	36.52	45.41	42.02	43.37	42.58
Median daily servings of fruits	0.99	0.99	0.99	0.85	1.00	0.99
Median daily servings of vegetables	1.60	1.20	1.67	1.49	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 (%)*	44.1	NA	NA	NA	NA	38.4
Number of hospitalizations	83	58	25	37	46	5,334
Crude rate of hospitalizations (per 100,000)	103	303	41	94	112	112
Median age of hospitalized patients	58	53	64	58	59	59
Total cost of hospitalization (\$)	3,913,000	2,802,900	1,110,100	1,592,100	2,320,900	200,069,800
Average length of hospital stay (days)	3	3	3	3	3	5
Number of ER visits	335	192	141	124	211	15,651
Crude rate of ER visits (per 100,000)	416	1,004	234	314	515	328
Median age of ER patients	54	50	64	52	55	54
Total cost of ER visits (\$)	2,852,700	1,522,100	1,318,900	994,800	1,857,900	49,710,700
Number of deaths	9	7	2	4	5	418
Age-Adjusted Death rate (per 100,000)	8.3	44.2	2.7	8.2	8.0	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.9	NA	NA	NA	NA	4.9
Number of hospitalizations	874	241	614	446	428	50,827
Crude rate of hospitalizations (per 100,000)	1,086	1,260	1,018	1,129	1,045	1,064
Median age of hospitalized patients	66	62	67	64	70	68
Total cost of hospitalization (\$)	50,339,600	14,685,000	34,548,400	26,310,700	24,028,900	3,099,389,600
Average length of hospital stay (days)	4	4	3	4	4	5
Number of ER visits	313	90	221	167	146	19,962
Crude rate of ER visits (per 100,000)	389	470	366	423	357	418
Median age of ER patients	63	62	64	62	64	64
Total cost of ER visits (\$)	4,813,300	1,259,100	3,531,700	2,354,100	2,459,200	168,582,900
Number of deaths	214	55	159	115	99	9,604
Age-Adjusted Death rate (per 100,000)	216.3	341.0	191.6	268.0	173.0	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	2.7	NA	NA	NA	NA	3.8
Number of hospitalizations	224	74	149	87	137	14,943
Crude rate of hospitalizations (per 100,000)	278	387	247	220	335	313
Median age of hospitalized patients	67	62	69	67	67	69
Total cost of hospitalization (\$)	12,655,700	4,597,500	8,006,300	5,064,000	7,591,700	690,018,200
Average length of hospital stay (days)	3	4	3	3	3	5
Number of ER visits	74	22	51	32	42	5,283
Crude rate of ER visits (per 100,000)	92	115	85	81	103	111
Median age of ER patients	65	62	67	66	63	66
Total cost of ER visits (\$)	1,531,100	416,700	1,101,700	646,300	884,800	53,018,800
Number of deaths	32	8	24	15	17	2,488
Age-Adjusted Death rate (per 100,000)	33.2	58.7	29.3	33.2	31.2	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	276	84	191	111	165	15,659
Crude rate of hospitalizations (per 100,000)	343	439	317	281	403	328
Median age of hospitalized patients	61	56	63	62	60	63
Total cost of hospitalization (\$)	13,230,800	3,820,400	9,374,600	5,514,800	7,716,000	439,323,600
Average length of hospital stay (days)	4	4	5	4	4	4
Number of ER visits	486	221	257	174	312	49,050
Crude rate of ER visits (per 100,000)	604	1,155	426	440	762	1,027
Median age of ER patients	49	42	53	37	52	40
Total cost of ER visits (\$)	3,756,700	1,495,100	2,217,300	1,248,200	2,508,500	134,527,100
Number of deaths	67	8	59	29	38	2,751
Age-Adjusted Death rate (per 100,000)	66.5	47.0	70.8	69.2	64.5	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	162	78	81	80	82	9,764
Crude rate of hospitalizations (per 100,000)	201	408	134	202	200	204
Median age of hospitalized patients	52	54	51	49	60	51
Total cost of hospitalization (\$)	8,403,500	4,086,000	4,054,400	4,210,300	4,193,200	321,377,000
Average length of hospital stay (days)	4	5	3	4	4	5
Number of ER visits	186	102	84	79	107	13,909
Crude rate of ER visits (per 100,000)	231	533	139	200	261	291
Median age of ER patients	56	54	57	56	54	52
Total cost of ER visits (\$)	1,384,000	741,500	642,500	582,000	802,000	46,056,100
Number of deaths	13	3	10	8	5	1,239
Age-Adjusted Death rate (per 100,000)	12.8	18.4	11.8	18.5	8.5	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	95	24	69	52	43	14,136
Crude rate of hospitalizations (per 100,000)	118	125	114	132	105	296
Median age of hospitalized patients	66	67	65	66	65	64
Total cost of hospitalization (\$)	8,311,800	2,326,900	5,900,700	3,901,700	4,410,100	963,427,600
Average length of hospital stay (days)	6	9	6	5	8	7
Number of deaths	178	33	145	95	83	9,700
Age-Adjusted Death rate (per 100,000)	171.6	225.2	169.9	206.4	144.8	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	17	4	13	9	8	1,796
Crude rate of hospitalizations (per 100,000)	21	21	22	23	20	38
Median age of hospitalized patients	66	59	70	65	72	65
Total cost of hospitalization (\$)	1,972,000	406,700	1,565,300	953,100	1,018,900	140,452,900
Average length of hospital stay (days)	6	6	7	5	8	8
Number of deaths	15	5	10	7	8	821
Age-Adjusted Death rate (per 100,000)	15.1	36.1	12.4	16.6	14.3	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	5	0	5	0	5	923
Crude rate of hospitalizations (per 100,000)	12	0	16	0	12	38
Median age of hospitalized patients	65	0	65	0	65	59
Total cost of hospitalization (\$)	268,900	0	268,900	0	268,900	50,631,800
Average length of hospital stay (days)	2	0	2	0	2	3
Number of deaths	7	2	5	0	7	633
Age-Adjusted Death rate (per 100,000)	11.8	19.6	9.4	0	11.8	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1	0	1	0	1	142
Crude rate of hospitalizations (per 100,000)	2.4	0.0	3.2	0.0	2.4	6
Median age of hospitalized patients	34	0	34	0	34	55
Total cost of hospitalization (\$)	40300	0	40300	0	40300	6,269,800
Average length of hospital stay (days)	3	0	3	0	3	4
Number of deaths	2	0	2	0	2	74
Age-Adjusted Death rate (per 100,000)	6.1	0	8.2	0	6.1	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	15	4	11	9	6	2,041
Crude rate of hospitalizations (per 100,000)	19	21	18	23	15	43
Median age of hospitalized patients	68	71	64	71	60	67
Total cost of hospitalization (\$)	1,096,200	557,000	539,200	775,100	321,100	145,739,900
Average length of hospital stay (days)	6	11	4	7	4	7
Number of deaths	57	6	51	28	29	2,825
Age-Adjusted Death rate (per 100,000)	50.6	38.9	54.8	53.7	47.9	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	5	1	3	5	0	970
Crude rate of hospitalizations (per 100,000)	13	11	10	13	0	42
Median age of hospitalized patients	66	66	66	66	0	63
Total cost of hospitalization (\$)	176,600	27,900	114,600	176,600	0	46,328,200
Average length of hospital stay (days)	2	3	2	2	0	3
Number of deaths	8	4	4	8	0	457
Age-Adjusted Death rate (per 100,000)	22.7	85.8	12.9	22.7	0	21.2

\*DHEC Health Region Midlands: Aiken, Barnwell, Chester, Edgefield, Fairfield, Kershaw, Lancaster, Lexington, Newberry, Richland, Saluda, York.

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>

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/>

