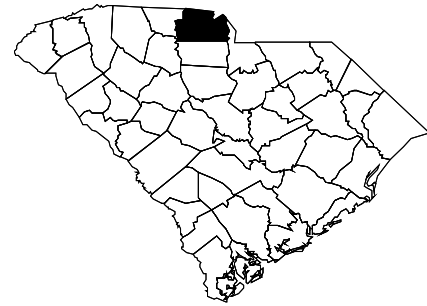


COORDINATED CHRONIC DISEASE FACT SHEET

YORK



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

The distribution of York county’s population is similar to the state population. The largest portion (35%) of the population in York county are between the ages of 18-44, and there are more females (52%) than males (48%). However, York county has a lower minority population (20%) than the state (29%).

	YORK COUNTY	STATE
Population size	239,360	4,774,840
Age distribution (%)		
<18	24.9	22.8
18-44	35.4	35.4
45-64	27.1	26.6
65-84	11.4	13.6
85+	1.3	1.6
Race (%)		
White	77.1	69.2
Black	20.0	28.5
Sex (%)		
Male	48.3	48.7
Female	51.7	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	96	60	29	54	42	5,334
Crude rate of hospitalizations (per 100,000)	40	125	16	47	34	112
Median age of hospitalized patients	60	57	66	54	69	59
Total cost of hospitalization (\$)	2,348,100	1,528,300	689,100	1,259,200	1,088,900	200,069,800
Average length of hospital stay (days)	4	4	4	4	5	5
Number of ER visits	452	257	168	195	257	15,651
Crude rate of ER visits (per 100,000)	189	538	91	169	208	328
Median age of ER patients	54	49	64	55	53	54
Total cost of ER visits (\$)	989,000	529,000	409,900	424,000	565,000	49,710,700
Number of deaths	20	2	18	10	10	418
Age-Adjusted Death rate (per 100,000)	8.6	8.2	8.9	9.8	7.5	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.9	NA	NA	NA	NA	4.9
Number of hospitalizations	1,352	365	943	741	611	50,827
Crude rate of hospitalizations (per 100,000)	565	763	511	641	493	1,064
Median age of hospitalized patients	68	60	70	64	71	68
Total cost of hospitalization (\$)	57,938,900	12,933,400	42,828,500	32,889,100	25,049,800	3,099,389,600
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ER visits	501	157	324	268	233	19,962
Crude rate of ER visits (per 100,000)	209	328	176	232	188	418
Median age of ER patients	62	58	65	60	65	64
Total cost of ER visits (\$)	4,337,300	1,073,500	3,034,000	2,591,800	1,745,500	168,582,900
Number of deaths	332	57	272	183	149	9,604
Age-Adjusted Death rate (per 100,000)	143.8	153.6	141.5	184.4	110.7	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	2.7	NA	NA	NA	NA	3.8
Number of hospitalizations	394	119	271	192	202	14,943
Crude rate of hospitalizations (per 100,000)	165	249	147	166	163	313
Median age of hospitalized patients	70	66	72	69	71	69
Total cost of hospitalization (\$)	11,784,700	3,640,100	8,020,700	6,021,800	5,762,900	690,018,200
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ER visits	118	25	89	57	61	5,283
Crude rate of ER visits (per 100,000)	49	52	48	49	49	111
Median age of ER patients	66	58	69	64	68	66
Total cost of ER visits (\$)	693,800	140,000	532,700	358,100	335,700	53,018,800
Number of deaths	116	35	81	58	58	2,488
Age-Adjusted Death rate (per 100,000)	50.2	107.1	41.7	57.5	43.2	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	502	156	341	210	292	15,659
Crude rate of hospitalizations (per 100,000)	210	326	185	182	236	328
Median age of hospitalized patients	62	54	65	65	61	63
Total cost of hospitalization (\$)	10,083,900	2,762,000	7,267,600	3,754,000	6,329,900	439,323,600
Average length of hospital stay (days)	4	4	5	4	5	4
Number of ER visits	1,223	575	600	508	715	49,050
Crude rate of ER visits (per 100,000)	511	1,203	325	440	577	1,027
Median age of ER patients	40	29	47	33	43	40
Total cost of ER visits (\$)	2,225,100	883,600	1,277,800	874,200	1,350,900	134,527,100
Number of deaths	113	10	103	56	57	2,751
Age-Adjusted Death rate (per 100,000)	50.4	31.3	54.0	63.8	42.7	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	347	153	189	151	196	9,764
Crude rate of hospitalizations (per 100,000)	145	320	102	131	158	204
Median age of hospitalized patients	54	50	60	56	52	51
Total cost of hospitalization (\$)	8,693,800	3,847,300	4,754,900	3,899,800	4,794,000	321,377,000
Average length of hospital stay (days)	5	5	4	5	5	5
Number of ER visits	420	196	201	190	230	13,909
Crude rate of ER visits (per 100,000)	175	410	109	164	186	291
Median age of ER patients	52	52	54	50	55	52
Total cost of ER visits (\$)	980,400	424,700	499,300	425,500	554,900	46,056,100
Number of deaths	43	10	33	22	21	1,239
Age-Adjusted Death rate (per 100,000)	17.6	29.0	16.1	21.9	15.1	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	281	76	194	159	122	14,136
Crude rate of hospitalizations (per 100,000)	117	159	105	138	99	296
Median age of hospitalized patients	66	62	69	66	67	64
Total cost of hospitalization (\$)	13,440,300	4,343,700	8,753,700	8,574,600	4,865,700	963,427,600
Average length of hospital stay (days)	6	7	6	6	6	7
Number of deaths	445	80	360	242	203	9,700
Age-Adjusted Death rate (per 100,000)	179.4	221.2	173.4	226.5	148.1	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	40	11	29	26	14	1,796
Crude rate of hospitalizations (per 100,000)	17	23	16	23	11	38
Median age of hospitalized patients	63	59	63	63	61	65
Total cost of hospitalization (\$)	2,544,000	772,300	1,771,700	1,796,900	747,100	140,452,900
Average length of hospital stay (days)	8	8	8	9	7	8
Number of deaths	38	9	29	22	16	821
Age-Adjusted Death rate (per 100,000)	15.0	20.6	14.3	20.2	11.6	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	7	1	5	0	7	923
Crude rate of hospitalizations (per 100,000)	6	4	5	0	6	38
Median age of hospitalized patients	59	88	59	0	59	59
Total cost of hospitalization (\$)	157,500	30,700	117,000	0	157,500	50,631,800
Average length of hospital stay (days)	2	2	2	0	2	3
Number of deaths	35	5	30	0	35	633
Age-Adjusted Death rate (per 100,000)	25.5	19.5	26.9	0	25.5	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)	0.80762397	0	1.058425064	0	0.80762397	6
Median age of hospitalized patients	70	0	70	0	70	55
Total cost of hospitalization (\$)	17000	0	17000	0	17000	6,269,800
Average length of hospital stay (days)	2	0	2	0	2	4
Number of deaths	4	0	4	0	4	74
Age-Adjusted Death rate (per 100,000)	3.3	0.0	4	0	3.3	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	62	17	44	38	24	2,041
Crude rate of hospitalizations (per 100,000)	26	36	24	33	19	43
Median age of hospitalized patients	69	70	69	71	67	67
Total cost of hospitalization (\$)	2,717,100	744,800	1,939,300	1,743,200	973,900	145,739,900
Average length of hospital stay (days)	6	6	6	6	6	7
Number of deaths	132	19	112	74	58	2,825
Age-Adjusted Death rate (per 100,000)	52.0	57.8	52.1	68.9	40.2	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	29	8	17	29	0	970
Crude rate of hospitalizations (per 100,000)	25	36	19	25	0	42
Median age of hospitalized patients	64	63	65	64	0	63
Total cost of hospitalization (\$)	887,900	258,000	522,100	887,900	0	46,328,200
Average length of hospital stay (days)	2	3	2	2	0	3
Number of deaths	20	4	16	20	0	457
Age-Adjusted Death rate (per 100,000)	22.6	39.2	20.8	22.6	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>

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

