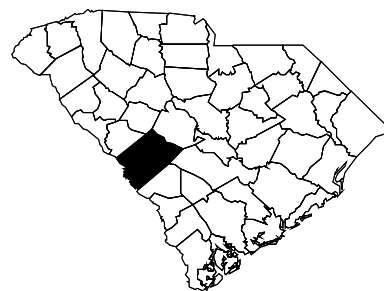


COORDINATED CHRONIC DISEASE FACT SHEET

AIKEN

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

The distribution of Aiken county’s population is similar to the state population. The largest portion (33%) of the population in Aiken county are between the ages of 18-44. However, there are more females (52%) than males (48%). Aiken county has a slightly lower minority population (26%) than the state (29%).

	AIKEN COUNTY	STATE
Population size	164,180	4,774,840
Age distribution (%)		
<18	22.2	22.8
18-44	33.0	35.4
45-64	27.9	26.6
65-84	15.1	13.6
85+	1.9	1.6
Race (%)		
White	72.5	69.2
Black	25.8	28.5
Sex (%)		
Male	48.5	48.7
Female	51.5	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	89	59	29	40	49	5,334
Crude rate of hospitalizations (per 100,000)	54	139	24	50	58	112
Median age of hospitalized patients	54	52	62	53	56	59
Total cost of hospitalization (\$)	1,959,400	1,375,100	575,800	787,700	1,171,700	200,069,800
Average length of hospital stay (days)	3	3	3	2	3	5
Number of ER visits	306	153	147	132	174	15,651
Crude rate of ER visits (per 100,000)	186	362	123	166	206	328
Median age of ER patients	56	52	62	53	59	54
Total cost of ER visits (\$)	791,000	326,600	452,400	300,600	490,400	49,710,700
Number of deaths	16	5	11	6	10	418
Age-Adjusted Death rate (per 100,000)	8.2	14.6	6.8	7.7	7.9	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.9	NA	NA	NA	NA	4.9
Number of hospitalizations	882	206	666	472	410	50,827
Crude rate of hospitalizations (per 100,000)	537	487	559	593	485	1,064
Median age of hospitalized patients	70	64	72	68	73	68
Total cost of hospitalization (\$)	41,375,800	8,082,600	32,364,600	24,670,800	16,705,000	3,099,389,600
Average length of hospital stay (days)	4	4	4	4	5	5
Number of ER visits	392	111	273	188	204	19,962
Crude rate of ER visits (per 100,000)	239	262	229	236	241	418
Median age of ER patients	63	57	65	62	64	64
Total cost of ER visits (\$)	2,924,400	610,000	2,275,700	1,524,300	1,400,100	168,582,900
Number of deaths	347	74	273	201	146	9,604
Age-Adjusted Death rate (per 100,000)	171.9	193.4	167.7	234.6	125.1	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	2.7	NA	NA	NA	NA	3.8
Number of hospitalizations	265	71	191	134	131	14,943
Crude rate of hospitalizations (per 100,000)	161	168	160	168	155	313
Median age of hospitalized patients	71	64	74	68	73	69
Total cost of hospitalization (\$)	10,616,700	3,122,600	7,285,800	5,584,700	5,032,000	690,018,200
Average length of hospital stay (days)	5	6	4	5	5	5
Number of ER visits	70	15	55	30	40	5,283
Crude rate of ER visits (per 100,000)	43	35	46	38	47	111
Median age of ER patients	68	71	68	61	74	66
Total cost of ER visits (\$)	665,100	138,100	527,000	239,700	425,400	53,018,800
Number of deaths	80	29	51	41	39	2,488
Age-Adjusted Death rate (per 100,000)	40.4	79.7	31.4	51.1	32.9	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	317	77	239	133	184	15,659
Crude rate of hospitalizations (per 100,000)	193	182	201	167	218	328
Median age of hospitalized patients	64	56	66	63	65	63
Total cost of hospitalization (\$)	9,741,600	1,891,000	7,818,400	4,562,100	5,179,500	439,323,600
Average length of hospital stay (days)	5	4	5	5	5	4
Number of ER visits	1,287	619	648	551	736	49,050
Crude rate of ER visits (per 100,000)	784	1,463	544	692	870	1,027
Median age of ER patients	35	27	43	33	37	40
Total cost of ER visits (\$)	2,486,500	1,015,500	1,440,900	1,136,800	1,349,700	134,527,100
Number of deaths	100	10	88	51	49	2,751
Age-Adjusted Death rate (per 100,000)	48.0	27.8	51.7	59.2	41.0	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	198	94	100	111	87	9,764
Crude rate of hospitalizations (per 100,000)	121	222	84	139	103	204
Median age of hospitalized patients	49	46	52	50	46	51
Total cost of hospitalization (\$)	5,685,300	2,003,300	3,391,300	3,496,100	2,189,200	321,377,000
Average length of hospital stay (days)	4	3	5	4	3	5
Number of ER visits	293	152	135	111	182	13,909
Crude rate of ER visits (per 100,000)	178	359	113	139	215	291
Median age of ER patients	56	56	56	55	57	52
Total cost of ER visits (\$)	670,900	354,100	302,700	253,600	417,300	46,056,100
Number of deaths	46	14	32	27	19	1,239
Age-Adjusted Death rate (per 100,000)	21.2	36.9	18.7	29.3	14.7	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	186	38	146	95	91	14,136
Crude rate of hospitalizations (per 100,000)	113	90	123	119	108	296
Median age of hospitalized patients	68	66	68	68	67	64
Total cost of hospitalization (\$)	14,234,600	3,517,100	10,582,500	7,822,900	6,411,700	963,427,600
Average length of hospital stay (days)	8	11	8	9	7	7
Number of deaths	355	75	279	181	174	9,700
Age-Adjusted Death rate (per 100,000)	170.9	190.3	168.7	200.5	151.7	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	29	8	21	18	11	1,796
Crude rate of hospitalizations (per 100,000)	18	19	18	23	13	38
Median age of hospitalized patients	66	65	76	70	65	65
Total cost of hospitalization (\$)	3,416,900	910,000	2,506,900	2,158,800	1,258,100	140,452,900
Average length of hospital stay (days)	11	10	11	11	11	8
Number of deaths	21	7	14	10	11	821
Age-Adjusted Death rate (per 100,000)	10.4	18.9	8.7	10.8	10.4	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	10	2	8	0	10	923
Crude rate of hospitalizations (per 100,000)	12	9	13	0	12	38
Median age of hospitalized patients	57	44	59	0	57	59
Total cost of hospitalization (\$)	613,800	197,200	416,600	0	613,800	50,631,800
Average length of hospital stay (days)	7	11	6	0	7	3
Number of deaths	30	9	21	0	30	633
Age-Adjusted Death rate (per 100,000)	26.7	38.2	24.3	0	26.7	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	4	2	2	0	4	74
Age-Adjusted Death rate (per 100,000)	5.0	11.4	3.3	0	5.0	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	35	7	28	21	14	2,041
Crude rate of hospitalizations (per 100,000)	21	17	24	26	17	43
Median age of hospitalized patients	69	69	70	69	68	67
Total cost of hospitalization (\$)	2,507,800	400,600	2,107,200	1,450,100	1,057,700	145,739,900
Average length of hospital stay (days)	7	6	7	7	6	7
Number of deaths	90	16	74	56	34	2,825
Age-Adjusted Death rate (per 100,000)	41.0	39.0	41.7	57.7	27.8	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	5	3	2	5	0	970
Crude rate of hospitalizations (per 100,000)	6	15	3	6	0	42
Median age of hospitalized patients	66	68	62	66	0	63
Total cost of hospitalization (\$)	264,400	173,900	90,500	264,400	0	46,328,200
Average length of hospital stay (days)	5	5	6	5	0	3
Number of deaths	17	6	11	17	0	457
Age-Adjusted Death rate (per 100,000)	22.1	48.8	17.5	22.1	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'
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
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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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