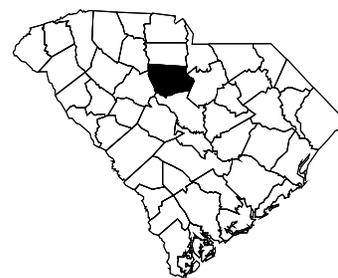


COORDINATED CHRONIC DISEASE FACT SHEET FAIRFIELD



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

The distribution of Fairfield county’s population is older than the state population. The largest portion (32%) of the population in Fairfield county are between the ages of 45-64, compared to 27% for the state. There are more females (52%) than males (48.7%). Fairfield county has a much higher minority population (60%) than the state (29%).

	FAIRFIELD COUNTY	STATE
Population size	23,110	4,774,840
Age distribution (%)		
<18	20.8	22.8
18-44	30.0	35.4
45-64	31.9	26.6
65-84	15.5	13.6
85+	1.7	1.6
Race (%)		
White	39.7	69.2
Black	59.6	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 (%)	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	41	34	7	20	21	5,334
Crude rate of hospitalizations (per 100,000)	177	247	76	181	174	112
Median age of hospitalized patients	60	52	70	59	60	59
Total cost of hospitalization (\$)	1,840,900	1,676,200	164,700	1,262,100	578,800	200,069,800
Average length of hospital stay (days)	6	6	5	8	4	5
Number of ER visits	105	85	19	51	54	15,651
Crude rate of ER visits (per 100,000)	454	617	207	462	447	328
Median age of ER patients	52	50	64	50	52	54
Total cost of ER visits (\$)	210,500	183,400	26,900	96,400	114,100	49,710,700
Number of deaths	1	-	1	-	1	418
Age-Adjusted Death rate (per 100,000)	2.3	0.0	4.7	0.0	4.4	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.9	NA	NA	NA	NA	4.9
Number of hospitalizations	279	148	129	128	151	50,827
Crude rate of hospitalizations (per 100,000)	1,207	1,074	1,405	1,159	1,251	1,064
Median age of hospitalized patients	66	63	68	67	66	68
Total cost of hospitalization (\$)	17,336,000	8,809,700	8,488,200	9,365,600	7,970,400	3,099,389,600
Average length of hospital stay (days)	6	6	5	5	6	5
Number of ER visits	181	117	64	82	99	19,962
Crude rate of ER visits (per 100,000)	783	849	697	743	820	418
Median age of ER patients	66	63	71	63	70	64
Total cost of ER visits (\$)	944,600	577,400	367,200	524,000	420,600	168,582,900
Number of deaths	66	41	24	28	38	9,604
Age-Adjusted Death rate (per 100,000)	215.6	264.9	159.7	205.1	214.5	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	2.7	NA	NA	NA	NA	3.8
Number of hospitalizations	92	54	37	44	48	14,943
Crude rate of hospitalizations (per 100,000)	398	392	403	399	398	313
Median age of hospitalized patients	69	62	73	62	71	69
Total cost of hospitalization (\$)	4,609,200	2,962,200	1,609,800	2,665,600	1,943,600	690,018,200
Average length of hospital stay (days)	6	7	6	8	5	5
Number of ER visits	30	23	7	13	17	5,283
Crude rate of ER visits (per 100,000)	130	167	76	118	141	111
Median age of ER patients	67	65	73	68	65	66
Total cost of ER visits (\$)	140,600	98,300	42,300	53,400	87,200	53,018,800
Number of deaths	14	6	8	7	7	2,488
Age-Adjusted Death rate (per 100,000)	46.6	40.9	49.2	55.1	40.9	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	74	34	40	16	58	15,659
Crude rate of hospitalizations (per 100,000)	320	247	436	145	481	328
Median age of hospitalized patients	62	57	64	64	62	63
Total cost of hospitalization (\$)	1,451,900	568,000	883,900	326,600	1,125,300	439,323,600
Average length of hospital stay (days)	4	4	4	4	4	4
Number of ER visits	491	352	134	190	301	49,050
Crude rate of ER visits (per 100,000)	2,125	2,554	1,460	1,721	2,494	1,027
Median age of ER patients	40	27	56	40	40	40
Total cost of ER visits (\$)	893,400	603,500	284,200	336,000	557,400	134,527,100
Number of deaths	8	3	5	2	6	2,751
Age-Adjusted Death rate (per 100,000)	25.6	20.3	30.1	21.0	32.0	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	63	45	17	21	42	9,764
Crude rate of hospitalizations (per 100,000)	273	327	185	190	348	204
Median age of hospitalized patients	54	54	54	56	54	51
Total cost of hospitalization (\$)	2,426,100	1,519,300	824,600	1,281,700	1,144,400	321,377,000
Average length of hospital stay (days)	6	6	5	7	5	5
Number of ER visits	150	113	35	71	79	13,909
Crude rate of ER visits (per 100,000)	649	820	381	643	655	291
Median age of ER patients	55	56	44	53	55	52
Total cost of ER visits (\$)	316,700	246,300	65,900	156,500	160,200	46,056,100
Number of deaths	13	9	4	8	5	1,239
Age-Adjusted Death rate (per 100,000)	42.3	60.7	21.5	49.7	33.5	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	105	39	64	55	50	14,136
Crude rate of hospitalizations (per 100,000)	454	283	697	498	414	296
Median age of hospitalized patients	62	59	66	64	62	64
Total cost of hospitalization (\$)	7,752,100	3,489,300	4,175,400	4,442,500	3,309,600	963,427,600
Average length of hospital stay (days)	8	10	7	9	7	7
Number of deaths	69	36	32	49	20	9,700
Age-Adjusted Death rate (per 100,000)	226.0	237.5	222.1	373.5	117.3	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	9	3	6	5	4	1,796
Crude rate of hospitalizations (per 100,000)	39	22	65	45	33	38
Median age of hospitalized patients	61	50	68	65	57	65
Total cost of hospitalization (\$)	680,900	205,400	475,500	393,800	287,100	140,452,900
Average length of hospital stay (days)	10	9	10	11	8	8
Number of deaths	4	3	1	3	1	821
Age-Adjusted Death rate (per 100,000)	13.2	20.9	8.6	23.0	6.8	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	9	2	6	0	9	923
Crude rate of hospitalizations (per 100,000)	75	27	129.0322581	0	75	38
Median age of hospitalized patients	60	58	61	0	60	59
Total cost of hospitalization (\$)	534,200	83,700	408800	0	534,200	50,631,800
Average length of hospital stay (days)	2	2	1.83	0	2	3
Number of deaths	3	2	1	0	3	633
Age-Adjusted Death rate (per 100,000)	18.0	23.0	13.0	0	18.0	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	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	15	5	10	6	9	2,041
Crude rate of hospitalizations (per 100,000)	65	36	109	54	75	43
Median age of hospitalized patients	70	69	70	73	70	70
Total cost of hospitalization (\$)	733,300	299,700	433,600	283,000	450,300	145,739,900
Average length of hospital stay (days)	5	8	4	5	5	7
Number of deaths	16	7	9	12	4	2,825
Age-Adjusted Death rate (per 100,000)	50.7	44.7	56.5	88.8	22.7	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	6	3	3	6	0	970
Crude rate of hospitalizations (per 100,000)	54	47	66	54	0	42
Median age of hospitalized patients	66	66	66	66	0	63
Total cost of hospitalization (\$)	300,800	157,500	143,300	300,800	0	46,328,200
Average length of hospital stay (days)	3	3	2	3	0	3
Number of deaths	2	1	1	2	0	457
Age-Adjusted Death rate (per 100,000)	14.6	13.3	15.7	14.6	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/>

