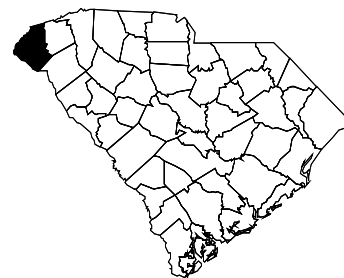


COORDINATED CHRONIC DISEASE FACT SHEET OCONEE County, 2013



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

The largest portion (30%) of the population in Oconee county are between the ages of 18-44, and there are more females (51%) than males (49%). Oconee county has a much lower minority population (8%) than the state (29%).

	OCONEE COUNTY	STATE
Population size	75,050	4,774,840
Age distribution (%)		
<18	20.3	22.8
18-44	30.4	35.4
45-64	28.3	26.6
65-84	19.1	13.6
85+	1.9	1.6
Race (%)		
White	90.4	69.2
Black	8.3	28.5
Sex (%)		
Male	49.4	48.7
Female	50.6	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 (%)	21.60	21.89	21.10	25.66	17.67	22.00
Sedentary lifestyle (%)	27.53	33.57	25.30	26.23	28.81	26.87
Overweight or Obese (%)	67.75	78.13	65.06	73.69	61.56	66.47
High Cholesterol (%)	43.81	37.11	44.26	48.31	39.75	42.58
Median daily servings of fruits	0.99	0.90	1.00	0.97	0.99	0.99
Median daily servings of vegetables	1.48	1.16	1.56	1.35	1.60	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 (%)*	40.2	NA	NA	NA	NA	38.4
Number of hospitalizations	47	11	35	24	23	5,334
Crude rate of hospitalizations (per 100,000)	63	176	52	65	61	112
Median age of hospitalized patients	57	50	57	55	66	59
Total cost of hospitalization (\$)	1,138,700	342,200	786,500	635,500	503,200	200,069,800
Average length of hospital stay (days)	3	5	3	3	3	5
Number of ER visits	221	45	170	108	113	15,651
Crude rate of ER visits (per 100,000)	294	719	251	291	297	328
Median age of ER patients	59	49	64	59	61	54
Total cost of ER visits (\$)	380,100	65,100	305,000	197,500	182,600	49,710,700
Number of deaths	11	1	10	7	4	418
Age-Adjusted Death rate (per 100,000)	11.2	18.9	10.9	17.5	6.6	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	6	NA	NA	NA	NA	4.9
Number of hospitalizations	1,005	81	908	615	390	50,827
Crude rate of hospitalizations (per 100,000)	1,339	1,294	1,338	1,660	1,026	1,064
Median age of hospitalized patients	69	62	70	67	73	68
Total cost of hospitalization (\$)	56,432,800	3,818,300	51,147,900	38,615,300	17,817,500	3,099,389,600
Average length of hospital stay (days)	4	4	4	4	3	5
Number of ER visits	355	23	328	214	141	19,962
Crude rate of ER visits (per 100,000)	473	367	483	578	371	418
Median age of ER patients	65	55	66	63	68	64
Total cost of ER visits (\$)	3,038,600	238,000	2,783,000	1,779,900	1,258,700	168,582,900
Number of deaths	177	11	166	101	76	9,604
Age-Adjusted Death rate (per 100,000)	169.3	198.0	168.9	216.6	126.4	179.2

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.2	NA	NA	NA	NA	3.8
Number of hospitalizations	235	20	213	122	113	14,943
Crude rate of hospitalizations (per 100,000)	313	319	314	329	297	313
Median age of hospitalized patients	73	69	74	71	76	69
Total cost of hospitalization (\$)	7,169,200	723,000	6,233,200	4,045,800	3,123,400	690,018,200
Average length of hospital stay (days)	4	6	4	4	4	5
Number of ER visits	123	10	110	61	62	5,283
Crude rate of ER visits (per 100,000)	164	160	162	165	163	111
Median age of ER patients	69	68	70	64	74	66
Total cost of ER visits (\$)	835,800	81,900	726,800	450,300	385,500	53,018,800
Number of deaths	63	5	58	31	32	2,488
Age-Adjusted Death rate (per 100,000)	62.3	87.7	60.9	67.4	56.6	47.2

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	200	12	187	81	119	15,659
Crude rate of hospitalizations (per 100,000)	266	192	276	219	313	328
Median age of hospitalized patients	66	60	66	67	65	63
Total cost of hospitalization (\$)	4,639,500	266,300	4,367,900	1,912,200	2,727,300	439,323,600
Average length of hospital stay (days)	4	4	4	4	4	4
Number of ER visits	666	85	560	288	378	49,050
Crude rate of ER visits (per 100,000)	887	1,358	825	777	995	1,027
Median age of ER patients	46	30	48	45	46	40
Total cost of ER visits (\$)	1,143,500	107,800	1,007,900	464,400	679,100	134,527,100
Number of deaths	74	-	74	33	41	2,751
Age-Adjusted Death rate (per 100,000)	65.0	0.0	69.2	68.8	64.7	50.7

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	12.4	NA	NA	NA	NA	12.5
Number of hospitalizations	128	10	115	70	58	9,764
Crude rate of hospitalizations (per 100,000)	171	160	169	189	153	204
Median age of hospitalized patients	48	70	48	50	46	51
Total cost of hospitalization (\$)	3,434,000	156,500	3,243,300	1,816,300	1,617,700	321,377,000
Average length of hospital stay (days)	4	4	5	4	5	5
Number of ER visits	156	17	135	74	82	13,909
Crude rate of ER visits (per 100,000)	208	272	199	200	216	291
Median age of ER patients	51	51	51	50	52	52
Total cost of ER visits (\$)	379,100	26,300	328,000	177,100	202,000	46,056,100
Number of deaths	29	2	27	13	16	1,239
Age-Adjusted Death rate (per 100,000)	25.5	36.2	25.4	23.3	26.4	22.5

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	216	24	189	114	102	14,136
Crude rate of hospitalizations (per 100,000)	288	383	279	308	268	296
Median age of hospitalized patients	67	55	67	67	66	64
Total cost of hospitalization (\$)	13,829,300	2,529,900	11,065,200	7,417,600	6,411,700	963,427,600
Average length of hospital stay (days)	6	10	5	6	6	7
Number of deaths	166	14	152	83	83	9,700
Age-Adjusted Death rate (per 100,000)	150.3	250.4	147.3	173.0	134.5	173.2

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	28	3	25	13	15	1,796
Crude rate of hospitalizations (per 100,000)	37	48	37	35	39	38
Median age of hospitalized patients	67	54	67	67	66	65
Total cost of hospitalization (\$)	1,961,600	129,000	1,832,600	752,000	1,209,600	140,452,900
Average length of hospital stay (days)	7	4	7	5	8	8
Number of deaths	23	-	23	12	11	821
Age-Adjusted Death rate (per 100,000)	21.2	0.0	22.6	26.8	18.9	14.9

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	11	1	9	0	11	923
Crude rate of hospitalizations (per 100,000)	29	31	26	0	29	38
Median age of hospitalized patients	63	63	63	0	63	59
Total cost of hospitalization (\$)	635,600	26,700	497,900	0	635,600	50,631,800
Average length of hospital stay (days)	2	2	2	0	2	3
Number of deaths	9	2	7	0	9	633
Age-Adjusted Death rate (per 100,000)	14.2	49.6	12.2	0	14.2	21.1

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	2	0	2	0	2	142
Crude rate of hospitalizations (per 100,000)	5	0	6	0	5	6
Median age of hospitalized patients	38.5	0	38.5	0	38.5	55
Total cost of hospitalization (\$)	73300	0	73300	0	73300	6,269,800
Average length of hospital stay (days)	3	0	3	0	3	4
Number of deaths	-	0	0	0	-	74
Age-Adjusted Death rate (per 100,000)	0.0	0	0.0	0	0.0	2.7

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	21	0	21	16	5	2,041
Crude rate of hospitalizations (per 100,000)	28	0	31	43	13	43
Median age of hospitalized patients	67	0	67	66	73	67
Total cost of hospitalization (\$)	1,589,900	0	1,589,900	1,418,100	171,800	145,739,900
Average length of hospital stay (days)	6	0	6	7	5	7
Number of deaths	44	1	43	23	21	2,825
Age-Adjusted Death rate (per 100,000)	37.6	15.4	39.4	42.0	32.7	49.2

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	17	5	12	17	0	970
Crude rate of hospitalizations (per 100,000)	46	163	36	46	0	42
Median age of hospitalized patients	65	62	65	65	0	63
Total cost of hospitalization (\$)	616,900	183,900	433,000	616,900	0	46,328,200
Average length of hospital stay (days)	2	3	2	2	0	3
Number of deaths	9	1	8	9	0	457
Age-Adjusted Death rate (per 100,000)	21.6	39.3	21.4	21.6	0	21.2

*DHEC Health Region Upstate: Abbeville, Anderson, Cherokee, Greenwood, Laurens, McCormick, Oconee, Pickens, Spartanburg, Union.

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/>

