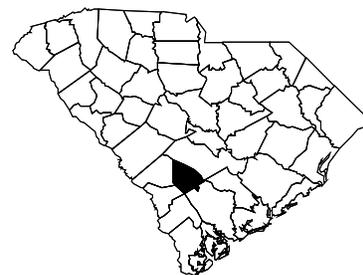


COORDINATED CHRONIC DISEASE FACT SHEET BAMBERG County, 2012



In the year 2012 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, septicemia, and influenza and pneumonia. This report focuses on the chronic conditions of the population of Bamberg county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The largest portion (33%) of the population in Bamberg county are between the ages of 18-44. The elderly population (17%) is slightly higher than the state (15%). There were more females (52%) than males (48%) in Bamberg county; and its minority population (62%) is also higher than the state (29%).

	BAMBERG COUNTY	STATE
Population size	15,760	4,723,720
Age distribution (%)		
<18	22.8	23.1
18-44	32.5	35.5
45-64	27.8	26.7
65-84	14.8	13.1
85+	2.2	1.6
Race (%)		
White	37.2	69.2
Black	61.9	28.6
Sex (%)		
Male	47.7	48.6
Female	52.3	51.4

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 2012 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 (%)	24.43	22.43	23.03	31.22	18.32	22.50
Sedentary lifestyle (%)	28.41	29.22	27.30	27.46	29.26	25.10
Overweight or Obese (%)	72.31	78.94	67.16	73.99	70.70	66.10
High Cholesterol (%) (2011)	43.88	38.29	47.67	43.32	44.35	41.63
Median daily servings of fruits (2011)	0.98	0.94	0.97	0.97	0.99	0.97
Median daily servings of vegetables (2011)	1.42	1.10	1.57	1.30	1.53	1.47

Some preventive measures such as immunization were included in the 2012 SC BRFSS. For persons age 65 and older in South Carolina:

- 40% have not received the flu shot in the past 12 months
- 31% 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 (%)*	42.19	NA	NA	NA	NA	39.01
Number of hospitalizations	34	29	4	12	22	5,434
Crude rate of hospitalizations (per 100,000)	216	297	68.25938567	160	267	115
Median age of hospitalized patients	61	83	60	62	61	59
Total cost of hospitalization (\$)	899,900	830,800	60300	187,200	712,700	177,612,100
Average length of hospital stay (days)	4	4	3	2	5	4
Number of ER visits	76	62	13	28	48	14,583
Crude rate of ER visits (per 100,000)	482	635	222	372	582	309
Median age of ER patients	56	53	67	56	56	53
Total cost of ER visits (\$)	174,900	126,600	41,100	49,500	125,400	41,098,600
Number of deaths	5	5	0	2	3	406
Age-Adjusted Death rate (per 100,000)	22.7	48.0	0	23.9	22.9	7.9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	5.03	NA	NA	NA	NA	5.13
Number of hospitalizations	233	144	82	119	114	52,593
Crude rate of hospitalizations (per 100,000)	1,478	1,475	1,399	1,582	1,382	1,113
Median age of hospitalized patients	66	75	64	66	64	68
Total cost of hospitalization (\$)	8,338,200	4,722,300	3,255,000	4,448,500	3,889,700	2,926,825,000
Average length of hospital stay (days)	5	5	4	4	5	5
Number of ER visits	125	73	52	54	71	18,551
Crude rate of ER visits (per 100,000)	793	748	887	718	861	393
Median age of ER patients	65	70	64	66	65	63
Total cost of ER visits (\$)	465,000	249,600	215,400	215,800	249,200	138,300,500
Number of deaths	36	21	14	11	25	9,277
Age-Adjusted Death rate (per 100,000)	181.9	221.8	136.9	129.2	222.9	178.5

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.7	NA	NA	NA	NA	3.7
Number of hospitalizations	72	45	26	35	37	14,827
Crude rate of hospitalizations (per 100,000)	457	461	444	465	448	314
Median age of hospitalized patients	70	78	65	63	77	69
Total cost of hospitalization (\$)	4,539,300	3,508,500	1,009,000	2,468,900	2,070,400	638,540,700
Average length of hospital stay (days)	7	9	5	7	8	5
Number of ER visits	36	21	15	21	15	4,643
Crude rate of ER visits (per 100,000)	228	215	256	279	182	98
Median age of ER patients	68	69	66	66	70	66
Total cost of ER visits (\$)	133,700	78,700	55,000	77,700	56,000	42,420,300
Number of deaths	10	5	5	4	6	2,331
Age-Adjusted Death rate (per 100,000)	45.2	42.0	46.2	50.9	46.9	45.5

CHRONIC LOWER RESPIRATORY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	39	24	15	20	19	15,702
Crude rate of hospitalizations (per 100,000)	247	246	256	266	230	332
Median age of hospitalized patients	67	78	53	68	63	63
Total cost of hospitalization (\$)	1,173,000	907,200	265,800	361,800	811,200	400,585,600
Average length of hospital stay (days)	4	5	4	3	5	4
Number of ER visits	212	154	55	91	121	49,446
Crude rate of ER visits (per 100,000)	1,345	1,578	939	1,210	1,467	1,047
Median age of ER patients	37	51	30	29	38	37
Total cost of ER visits (\$)	327,800	237,200	88,100	149,000	178,800	118,608,700
Number of deaths	8	6	2	5	3	2,446
Age-Adjusted Death rate (per 100,000)	35.6	46.9	16.2	54.7	27.6	46.5

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	14.7	NA	NA	NA	NA	11.6
Number of hospitalizations	60	50	10	24	36	9,565
Crude rate of hospitalizations (per 100,000)	381	512	171	319	436	202
Median age of hospitalized patients	61	64	58	62	55	51
Total cost of hospitalization (\$)	2,023,700	1,754,400	269,300	888,500	1,135,200	286,714,200
Average length of hospital stay (days)	6	6	7	6	6	5
Number of ER visits	83	74	9	38	45	13,561
Crude rate of ER visits (per 100,000)	527	758	154	505	545	287
Median age of ER patients	62	64	62	62	62	52
Total cost of ER visits (\$)	195,000	168,000	27,000	92,500	102,500	40,783,000
Number of deaths	8	5	3	5	3	1,186
Age-Adjusted Death rate (per 100,000)	38.5	42.5	33.0	53.8	25.7	22.1

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	37	20	16	20	17	14,475
Crude rate of hospitalizations (per 100,000)	235	205	273	266	206	306
Median age of hospitalized patients	66	66	66	68	60	64
Total cost of hospitalization (\$)	2,294,500	1,337,700	917,800	1,604,900	689,600	941,137,200
Average length of hospital stay (days)	7	8	6	9	5	7
Number of deaths	33	16	17	21	12	9,668
Age-Adjusted Death rate (per 100,000)	152.2	145.0	158.7	235.8	100.6	177.7

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	9	3	6	6	3	1,840
Crude rate of hospitalizations (per 100,000)	57	31	102	80	36	39
Median age of hospitalized patients	65	71	65	71	47	66
Total cost of hospitalization (\$)	513,300	265,700	247,600	398,000	115,300	143,622,300
Average length of hospital stay (days)	6	8	5	7	4	9
Number of deaths	2	2	0	2	-	819
Age-Adjusted Death rate (per 100,000)	8.7	16.9	0.0	18.8	0.0	15.3

FEMALE BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	4	1	2	0	4	1,001
Crude rate of hospitalizations (per 100,000)	48	19	67	0	48	41
Median age of hospitalized patients	66	63	70	0	66	59
Total cost of hospitalization (\$)	105,600	41,400	25,200	0	105,600	46,372,700
Average length of hospital stay (days)	2	4	1	0	2	3
Number of deaths	2	1	1	0	2	662
Age-Adjusted Death rate (per 100,000)	16.3	19.2	18	0	16.3	22.0

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	0	0	0	0	0	144
Crude rate of hospitalizations (per 100,000)	0	0	0	0	0	6
Median age of hospitalized patients	0	0	0	0	0	51
Total cost of hospitalization (\$)	0	0	0	0	0	5,813,900
Average length of hospital stay (days)	0	0	0	0	0	4
Number of deaths	0	0	0	0	0	65
Age-Adjusted Death rate (per 100,000)	0	0	0	0	0	2.4

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	7	5	2	4	3	2,150
Crude rate of hospitalizations (per 100,000)	44	51	34	53	36	46
Median age of hospitalized patients	60	59	60	68	59	67
Total cost of hospitalization (\$)	416,500	92,000	324,500	355,000	61,500	144,432,900
Average length of hospital stay (days)	7	3	18	10	3	7
Number of deaths	14	6	8	10	4	2,851
Age-Adjusted Death rate (per 100,000)	64.8	50.3	75.5	120.4	30.3	51.4

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1	1	0	1	0	986
Crude rate of hospitalizations (per 100,000)	13	22	0	13	0	43
Median age of hospitalized patients	58	0	58	58	0	63
Total cost of hospitalization (\$)	56,600	56,600	FALSE	56,600	0	43,377,700
Average length of hospital stay (days)	2	2	0	2	0	3
Number of deaths	3	2	1	3	0	481
Age-Adjusted Death rate (per 100,000)	32.0	62.5	19.5	32.0	0	23.5

*DHEC Health Region 5: Aiken, Allendale, Bamberg, Barnwell, Calhoun, Orangeburg

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
1751 Calhoun St
Columbia, SC 29201
Tel (803) 898-0584

Hospital discharge and ER visits, contact:

Office of Research and Statistics
SC Budget and Control Board
1919 Blanding Street
Columbia, SC 29201
Tel (803) 898-9958
<http://www.ors.state.sc.us>

For more details, please view the Technical Document below
<http://www.scdhec.gov/health/epidata/docs/EpiTechNotes.pdf>

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http://www.scdhec.gov/hs/epidata/county_reports.htm

