

South Carolina

Direct Costs

Chronic Disease	2003			2023											
	PRC (Thousands)	Expenditure per PRC (\$)	Total Expenditure (US\$ Billions)	Projections - Level						Projections - Difference					
				PRC (Thousands)		Expenditure per PRC (\$)		Total Expenditure (US\$ Billions)		PRC (Thousands)		Expenditure per PRC (\$)		Avoidable Costs (US\$ Billions)	
				Baseline	Optimistic	Baseline	Optimistic	Baseline	Optimistic	Baseline	Percent	Absolute	Percent	Absolute	Percent
Cancer	164	4,206	0.69	285	234	8,864	7,894	2.53	1.85	-51	-17.85	-970	-10.95	-0.68	-26.85
Breast cancer	16	4,181	0.07	28	24	8,866	7,889	0.25	0.19	-3	-12.30	-977	-11.02	-0.05	-21.96
Colon cancer	5	11,688	0.06	7	6	27,474	24,461	0.20	0.15	-1	-17.67	-3,013	-10.97	-0.05	-26.70
Lung cancer	6	16,370	0.09	8	6	34,811	30,976	0.27	0.19	-1	-18.44	-3,835	-11.02	-0.07	-27.43
Prostate cancer	18	3,372	0.06	33	26	7,341	6,533	0.24	0.17	-7	-21.48	-808	-11.01	-0.07	-30.12
Other cancers	119	3,405	0.40	210	172	7,495	6,670	1.57	1.15	-38	-18.00	-824	-11.00	-0.42	-27.02
Diabetes	242	1,839	0.44	384	333	4,016	3,574	1.54	1.19	-51	-13.30	-442	-11.00	-0.35	-22.84
Heart disease	273	3,302	0.90	442	289	7,696	6,852	3.40	1.98	-153	-34.63	-844	-10.97	-1.42	-41.80
Pulmonary conditions	640	861	0.55	872	750	1,952	1,737	1.70	1.30	-123	-14.05	-214	-10.98	-0.40	-23.49
Hypertension	591	905	0.53	861	700	1,980	1,762	1.70	1.23	-161	-18.70	-218	-11.00	-0.47	-27.64
Stroke	42	5,932	0.25	59	48	14,121	12,573	0.83	0.60	-11	-18.84	-1,548	-10.96	-0.23	-27.74
Mental disorders	564	1,185	0.66	894	783	2,563	2,281	2.29	1.79	-110	-12.35	-282	-11.01	-0.50	-22.00
Total	2,516	1,598	4.02	3,797	3,137	4,171	3,713	14.00	9.94	-660	-17.38	-458	-10.98	-4.06	-28.98

Indirect Impacts* (US\$ Billions)

Chronic Disease	2023												
	Total												
	Level	Individual				Caregiver				Total			
		Lost Work Days		Presenteeism		Lost Work Days		Presenteeism		Projections - Level		Projections - Difference	
	Baseline	Optimistic	Baseline	Optimistic	Baseline	Optimistic	Baseline	Optimistic	Baseline	Optimistic	Absolute	Percent	
Cancer	4.20	0.81	0.66	13.74	8.16	0.059	0.048	1.33	0.86	15.93	9.73	-6.20	-38.91
Breast cancer	0.42	0.08	0.07	1.33	0.84	0.006	0.005	0.13	0.09	1.54	1.01	-0.54	-34.83
Colon cancer	0.38	0.07	0.05	1.10	0.66	0.005	0.004	0.11	0.07	1.28	0.78	-0.50	-38.79
Lung cancer	0.56	0.09	0.07	1.46	0.86	0.006	0.005	0.14	0.09	1.69	1.02	-0.67	-39.40
Prostate cancer	0.37	0.08	0.06	1.31	0.74	0.006	0.004	0.13	0.08	1.52	0.89	-0.63	-41.65
Other cancers	2.47	0.50	0.41	8.54	5.06	0.036	0.030	0.83	0.54	9.90	6.04	-3.87	-39.06
Diabetes	1.84	0.63	0.55	5.17	4.06	0.051	0.044	0.55	0.43	6.41	5.08	-1.33	-20.76
Heart disease	1.49	1.02	0.67	3.73	2.04	0.101	0.066	0.36	0.20	5.21	2.97	-2.24	-43.01
Asthma	1.22	0.72	0.62	2.56	2.08	0.052	0.045	0.25	0.20	3.58	2.95	-0.64	-17.74
Hypertension	4.49	2.08	1.69	10.79	8.54	0.204	0.166	1.05	0.83	14.12	11.22	-2.90	-20.55
Stroke	0.38	0.20	0.16	0.86	0.65	0.014	0.011	0.08	0.06	1.16	0.89	-0.27	-23.35
Emotional disturbances	3.18	1.20	1.05	8.75	7.36	0.087	0.076	0.84	0.71	10.88	9.19	-1.69	-15.54
Total	16.81	6.67	5.41	45.61	32.88	0.57	0.46	4.46	3.29	57.31	42.03	-15.27	-26.65

* Based on Nominal GDP

Intergenerational Impacts

Variables	1970	2003	2023		2023		2050		2050	
			Projections - Level		Projections - Difference		Projections - Level		Projections - Difference	
			Baseline	Optimistic	Absolute	Percent	Baseline	Optimistic	Absolute	Percent
Bachelor's degrees (percent)	9.00	23.00	25.40	27.05	1.65	6.51	31.72	37.23	5.51	17.38
Capital stock (US\$ Billions)	61.31	262.50	490.27	508.14	17.88	3.64	1474.89	1618.49	143.60	9.72
Life expectancy at 65 (years)	14.47	17.74	19.40	20.52	1.12	5.76	22.18	24.32	2.14	9.65
GDP* by state (US\$ Billions)	21.65	127.27	217.40	232.75	15.35	7.06	376.47	442.71	66.24	17.60

*Based on Real GDP