

South Dakota

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	Absolute	Percent	Absolute	Percent	Absolute	Percent
Cancer	29	5,495	0.16	42	35	11,756	10,481	0.50	0.36	-8	-17.97	-1,276	-10.85	-0.13	-26.87
Breast cancer	3	5,257	0.01	4	3	11,008	9,814	0.04	0.03	0	-12.30	-1,194	-10.85	-0.01	-21.81
Colon cancer	1	14,197	0.01	1	1	32,903	29,350	0.04	0.03	0	-17.67	-3,553	-10.80	-0.01	-26.56
Lung cancer	1	18,220	0.02	1	1	38,262	34,111	0.05	0.04	0	-18.44	-4,151	-10.85	-0.01	-27.29
Prostate cancer	3	5,090	0.02	5	4	10,940	9,755	0.06	0.04	-1	-21.48	-1,185	-10.84	-0.02	-29.99
Other cancers	21	4,647	0.10	31	25	10,095	9,001	0.31	0.23	-6	-18.00	-1,093	-10.83	-0.08	-26.88
Diabetes	32	2,191	0.07	50	43	4,722	4,210	0.24	0.18	-7	-13.30	-512	-10.83	-0.05	-22.69
Heart disease	55	4,639	0.26	72	47	10,663	9,511	0.77	0.45	-25	-34.63	-1,152	-10.80	-0.32	-41.69
Pulmonary conditions	126	1,233	0.16	156	134	2,757	2,459	0.43	0.33	-22	-14.05	-298	-10.82	-0.10	-23.35
Hypertension	98	837	0.08	124	101	1,807	1,611	0.22	0.16	-23	-18.70	-196	-10.83	-0.06	-27.50
Stroke	8	6,152	0.05	9	8	14,435	12,878	0.13	0.10	-2	-18.84	-1,558	-10.79	-0.04	-27.60
Mental disorders	89	1,632	0.14	121	106	3,484	3,106	0.42	0.33	-15	-12.35	-378	-10.84	-0.09	-21.85
Total	436	2,101	0.92	575	474	5,434	4,846	2.71	1.91	-101	-17.57	-588	-10.82	-0.80	-29.44

Indirect Impacts* (US\$ Billions)

Chronic Disease	2003	2023											
	Total	Individual				Caregiver				Total			
	Level	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	0.73	0.12	0.10	2.03	1.20	0.009	0.007	0.20	0.13	2.35	1.43	-0.92	-39.00
Breast cancer	0.06	0.01	0.01	0.16	0.10	0.001	0.001	0.02	0.01	0.18	0.12	-0.06	-34.78
Colon cancer	0.06	0.01	0.01	0.14	0.09	0.001	0.001	0.01	0.01	0.17	0.10	-0.06	-38.74
Lung cancer	0.09	0.01	0.01	0.21	0.12	0.001	0.001	0.02	0.01	0.24	0.15	-0.10	-39.35
Prostate cancer	0.07	0.01	0.01	0.24	0.14	0.001	0.001	0.02	0.01	0.28	0.16	-0.11	-41.60
Other cancers	0.44	0.08	0.06	1.28	0.76	0.005	0.004	0.12	0.08	1.48	0.90	-0.58	-39.01
Diabetes	0.24	0.08	0.07	0.67	0.53	0.007	0.006	0.07	0.06	0.83	0.66	-0.17	-20.76
Heart disease	0.30	0.17	0.11	0.61	0.33	0.016	0.011	0.06	0.03	0.85	0.48	-0.36	-43.01
Asthma	0.24	0.13	0.11	0.46	0.37	0.009	0.008	0.04	0.04	0.64	0.53	-0.11	-17.74
Hypertension	0.74	0.30	0.24	1.56	1.23	0.029	0.024	0.15	0.12	2.04	1.62	-0.42	-20.55
Stroke	0.07	0.03	0.03	0.14	0.10	0.002	0.002	0.01	0.01	0.18	0.14	-0.04	-23.35
Emotional disturbances	0.50	0.16	0.14	1.19	1.00	0.012	0.010	0.11	0.10	1.47	1.24	-0.23	-15.54
Total	2.83	0.99	0.80	6.64	4.76	0.08	0.07	0.65	0.48	8.37	6.11	-2.26	-26.99

* 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)	8.60	23.70	27.13	28.90	1.77	6.53	33.65	39.49	5.84	17.36
Capital stock (US\$ Billions)	18.78	80.52	147.15	152.54	5.38	3.64	368.21	404.02	35.81	9.72
Life expectancy at 65 (years)	15.82	19.17	20.96	22.17	1.21	5.78	23.97	26.28	2.31	9.64
GDP* by state (US\$ Billions)	4.20	27.18	39.26	42.05	2.78	7.08	56.30	66.20	9.90	17.58

*Based on Real GDP