

Virginia

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	279	3,991	1.11	493	405	7,832	7,046	3.86	2.85	-88	-17.80	-786	-10.04	-1.00	-26.05
Breast cancer	30	4,096	0.12	50	44	8,135	7,311	0.41	0.32	-6	-12.30	-824	-10.12	-0.09	-21.18
Colon cancer	9	10,653	0.09	12	10	23,251	20,907	0.29	0.21	-2	-17.67	-2,343	-10.08	-0.08	-25.97
Lung cancer	9	15,641	0.14	13	10	31,148	27,995	0.39	0.29	-2	-18.44	-3,153	-10.12	-0.11	-26.70
Prostate cancer	28	3,217	0.09	52	41	6,547	5,885	0.34	0.24	-11	-21.48	-662	-10.11	-0.10	-29.42
Other cancers	204	3,231	0.66	365	300	6,641	5,970	2.43	1.79	-66	-18.00	-671	-10.11	-0.64	-26.29
Diabetes	333	1,709	0.57	511	443	3,486	3,134	1.78	1.39	-68	-13.30	-352	-10.11	-0.39	-22.06
Heart disease	424	3,004	1.27	660	432	6,506	5,850	4.30	2.53	-229	-34.63	-656	-10.08	-1.77	-41.22
Pulmonary conditions	1,419	790	1.12	1,985	1,706	1,668	1,500	3.31	2.56	-279	-14.05	-168	-10.09	-0.75	-22.73
Hypertension	891	843	0.75	1,280	1,041	1,722	1,548	2.20	1.61	-239	-18.70	-174	-10.11	-0.59	-26.92
Stroke	60	5,317	0.32	84	68	11,739	10,557	0.98	0.72	-16	-18.84	-1,183	-10.07	-0.27	-27.02
Mental disorders	739	1,111	0.82	1,212	1,062	2,247	2,020	2.72	2.15	-150	-12.35	-227	-10.12	-0.58	-21.21
Total	4,146	1,432	5.94	6,224	5,156	3,531	3,175	19.16	13.80	-1,068	-17.16	-356	-10.09	-5.36	-27.97

Indirect Impacts\* (US\$ Billions)

Chronic Disease	2023												
	2023												
	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	7.16	1.40	1.15	23.71	14.10	0.101	0.083	2.29	1.49	27.51	16.82	-10.69	-38.87
Breast cancer	0.79	0.15	0.13	2.50	1.58	0.011	0.009	0.24	0.17	2.90	1.89	-1.01	-34.84
Colon cancer	0.61	0.11	0.09	1.78	1.06	0.008	0.006	0.17	0.11	2.06	1.26	-0.80	-38.80
Lung cancer	0.90	0.14	0.12	2.43	1.43	0.010	0.008	0.23	0.15	2.81	1.70	-1.11	-39.41
Prostate cancer	0.59	0.12	0.10	2.10	1.19	0.009	0.007	0.20	0.13	2.44	1.42	-1.02	-41.66
Other cancers	4.27	0.88	0.72	14.91	8.83	0.064	0.052	1.44	0.93	17.30	10.54	-6.76	-39.07
Diabetes	2.54	0.84	0.73	6.88	5.39	0.067	0.058	0.73	0.57	8.52	6.75	-1.77	-20.76
Heart disease	2.32	1.53	1.00	5.57	3.05	0.151	0.098	0.54	0.29	7.79	4.44	-3.35	-43.01
Asthma	2.70	1.64	1.41	5.83	4.74	0.119	0.102	0.57	0.46	8.15	6.71	-1.45	-17.74
Hypertension	6.78	3.09	2.51	16.05	12.69	0.304	0.247	1.56	1.23	21.00	16.68	-4.32	-20.55
Stroke	0.55	0.28	0.23	1.22	0.93	0.020	0.016	0.12	0.09	1.65	1.26	-0.38	-23.35
Emotional disturbances	4.16	1.63	1.43	11.87	9.98	0.118	0.104	1.14	0.96	14.76	12.47	-2.29	-15.54
Total	26.21	10.42	8.46	71.14	50.87	0.88	0.71	6.95	5.09	89.38	65.13	-24.25	-27.13

\* 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)	12.30	33.13	38.54	41.05	2.51	6.50	46.82	54.95	8.13	17.36
Capital stock (US\$ Billions)	141.95	531.67	1154.14	1196.18	42.05	3.64	3816.57	4187.71	371.15	9.72
Life expectancy at 65 (years)	14.71	18.05	19.74	20.88	1.14	5.75	22.57	24.75	2.18	9.64
GDP* by state (US\$ Billions)	47.30	304.50	518.91	555.52	36.61	7.05	970.89	1141.51	170.63	17.57

\*Based on Real GDP