

**Maryland**

**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	227	4,519	1.03	381	313	8,232	7,475	3.14	2.34	-68	-17.87	-758	-9.20	-0.80	-25.43
Breast cancer	22	4,694	0.10	35	30	8,785	7,968	0.30	0.24	-4	-12.30	-817	-9.30	-0.06	-20.45
Colon cancer	7	11,876	0.08	9	7	24,226	21,982	0.21	0.16	-2	-17.67	-2,243	-9.26	-0.05	-25.29
Lung cancer	7	17,750	0.12	9	7	33,296	30,200	0.30	0.22	-2	-18.44	-3,096	-9.30	-0.08	-26.03
Prostate cancer	24	3,650	0.09	42	33	6,984	6,335	0.29	0.21	-9	-21.48	-649	-9.29	-0.08	-28.77
Other cancers	168	3,658	0.61	287	235	7,063	6,407	2.02	1.51	-52	-18.00	-656	-9.28	-0.52	-25.62
Diabetes	242	1,937	0.47	343	297	3,715	3,370	1.27	1.00	-46	-13.30	-345	-9.29	-0.27	-21.35
Heart disease	350	3,351	1.16	491	321	6,788	6,159	3.33	1.98	-170	-34.63	-629	-9.26	-1.36	-40.68
Pulmonary conditions	1,088	888	0.96	1,481	1,272	1,758	1,595	2.60	2.03	-208	-14.05	-163	-9.27	-0.57	-22.02
Hypertension	682	958	0.65	928	754	1,840	1,669	1.71	1.26	-173	-18.70	-171	-9.29	-0.45	-26.25
Stroke	42	5,893	0.25	53	43	12,148	11,024	0.64	0.47	-10	-18.84	-1,124	-9.26	-0.17	-26.36
Mental disorders	582	1,263	0.73	908	796	2,403	2,179	2.18	1.73	-112	-12.35	-223	-9.29	-0.45	-20.49
<b>Total</b>	<b>3,212</b>	<b>1,626</b>	<b>5.22</b>	<b>4,584</b>	<b>3,797</b>	<b>3,782</b>	<b>3,432</b>	<b>14.88</b>	<b>10.81</b>	<b>-787</b>	<b>-17.17</b>	<b>-350</b>	<b>-9.27</b>	<b>-4.06</b>	<b>-27.31</b>

**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	5.83	1.08	0.89	18.34	10.89	0.078	0.064	1.77	1.15	21.28	12.99	-8.28	-38.93
Breast cancer	0.60	0.10	0.09	1.78	1.12	0.008	0.007	0.17	0.12	2.06	1.34	-0.72	-34.85
Colon cancer	0.46	0.07	0.06	1.24	0.74	0.005	0.004	0.12	0.08	1.44	0.88	-0.56	-38.81
Lung cancer	0.69	0.10	0.08	1.77	1.04	0.008	0.006	0.17	0.11	2.05	1.24	-0.81	-39.42
Prostate cancer	0.52	0.10	0.08	1.72	0.97	0.007	0.006	0.17	0.10	1.99	1.16	-0.83	-41.66
Other cancers	3.56	0.70	0.57	11.84	7.01	0.050	0.041	1.14	0.74	13.73	8.37	-5.37	-39.08
Diabetes	1.84	0.57	0.49	4.62	3.62	0.045	0.039	0.49	0.38	5.72	4.53	-1.19	-20.76
Heart disease	1.91	1.14	0.74	4.14	2.27	0.112	0.073	0.40	0.22	5.80	3.30	-2.49	-43.01
Asthma	2.07	1.22	1.05	4.35	3.53	0.089	0.076	0.42	0.34	6.08	5.00	-1.08	-17.74
Hypertension	5.18	2.24	1.82	11.63	9.20	0.220	0.179	1.13	0.89	15.22	12.09	-3.13	-20.55
Stroke	0.38	0.18	0.14	0.77	0.58	0.013	0.010	0.08	0.06	1.04	0.79	-0.24	-23.35
Emotional disturbances	3.28	1.22	1.07	8.89	7.48	0.089	0.078	0.85	0.72	11.06	9.34	-1.72	-15.54
<b>Total</b>	<b>20.49</b>	<b>7.65</b>	<b>6.21</b>	<b>52.75</b>	<b>37.57</b>	<b>0.65</b>	<b>0.52</b>	<b>5.15</b>	<b>3.76</b>	<b>66.19</b>	<b>48.06</b>	<b>-18.13</b>	<b>-27.39</b>

\* 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)	13.90	36.83	41.91	44.64	2.73	6.51	50.79	59.60	8.81	17.34
Capital stock (US\$ Billions)	121.24	406.45	831.74	862.08	30.34	3.64	2649.89	2907.27	257.38	9.72
Life expectancy at 65 (years)	14.51	18.28	19.99	21.14	1.15	5.76	22.86	25.06	2.20	9.63
GDP* by state (US\$ Billions)	40.43	211.88	345.13	369.51	24.38	7.06	637.09	748.92	111.83	17.55

\*Based on Real GDP