

Washington

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	222	4,407	0.98	390	321	8,884	7,973	3.47	2.56	-69	-17.78	-911	-10.25	-0.91	-26.21
Breast cancer	23	4,916	0.11	40	35	9,919	8,893	0.39	0.31	-5	-12.30	-1,026	-10.34	-0.08	-21.37
Colon cancer	8	11,646	0.09	11	9	25,876	23,212	0.28	0.21	-2	-17.67	-2,663	-10.29	-0.07	-26.14
Lung cancer	9	17,207	0.16	13	11	34,810	31,211	0.46	0.34	-2	-18.44	-3,599	-10.34	-0.12	-26.88
Prostate cancer	20	4,010	0.08	39	31	8,293	7,436	0.32	0.23	-8	-21.48	-856	-10.33	-0.10	-29.59
Other cancers	163	3,344	0.54	288	236	6,987	6,266	2.01	1.48	-52	-18.00	-721	-10.32	-0.53	-26.47
Diabetes	249	2,041	0.51	418	362	4,231	3,794	1.77	1.37	-56	-13.30	-437	-10.33	-0.39	-22.25
Heart disease	302	3,467	1.05	487	319	7,642	6,855	3.72	2.18	-169	-34.63	-787	-10.30	-1.54	-41.36
Pulmonary conditions	993	891	0.88	1,390	1,195	1,913	1,716	2.66	2.05	-195	-14.05	-197	-10.31	-0.61	-22.91
Hypertension	644	917	0.59	962	782	1,905	1,708	1.83	1.34	-180	-18.70	-197	-10.33	-0.50	-27.09
Stroke	49	5,797	0.28	73	59	13,032	11,692	0.95	0.69	-14	-18.84	-1,341	-10.29	-0.26	-27.19
Mental disorders	307	1,820	0.57	511	448	3,741	3,354	1.91	1.50	-63	-12.35	-386	-10.33	-0.41	-21.40
Total	2,767	1,756	4.86	4,231	3,485	4,446	3,988	16.31	11.69	-746	-17.62	-458	-10.30	-4.61	-28.29

Indirect Impacts\* (US\$ Billions)

Chronic Disease	2003		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	5.70	1.11	0.91	18.78	11.17	0.080	0.065	1.82	1.18	21.78	13.32	-8.46	-38.86	
Breast cancer	0.65	0.13	0.11	2.12	1.35	0.009	0.008	0.21	0.14	2.46	1.61	-0.86	-34.84	
Colon cancer	0.51	0.09	0.07	1.52	0.91	0.006	0.005	0.15	0.10	1.76	1.08	-0.68	-38.80	
Lung cancer	0.91	0.15	0.12	2.50	1.47	0.011	0.009	0.24	0.16	2.90	1.76	-1.14	-39.41	
Prostate cancer	0.47	0.10	0.08	1.75	0.99	0.007	0.006	0.17	0.10	2.03	1.18	-0.84	-41.66	
Other cancers	3.15	0.64	0.52	10.89	6.45	0.046	0.038	1.05	0.68	12.63	7.70	-4.93	-39.07	
Diabetes	1.90	0.69	0.60	5.62	4.41	0.055	0.047	0.60	0.47	6.96	5.52	-1.45	-20.76	
Heart disease	1.65	1.13	0.74	4.11	2.25	0.111	0.073	0.40	0.22	5.75	3.28	-2.47	-43.01	
Asthma	1.89	1.15	0.99	4.09	3.32	0.083	0.072	0.40	0.32	5.71	4.70	-1.01	-17.74	
Hypertension	4.89	2.32	1.89	12.06	9.54	0.228	0.186	1.17	0.92	15.78	12.54	-3.24	-20.55	
Stroke	0.45	0.24	0.20	1.06	0.80	0.018	0.014	0.10	0.08	1.42	1.09	-0.33	-23.35	
Emotional disturbances	1.73	0.69	0.60	5.01	4.21	0.050	0.044	0.48	0.40	6.23	5.26	-0.97	-15.54	
Total	18.22	7.33	5.92	50.72	35.69	0.63	0.50	4.96	3.59	63.64	45.70	-17.94	-28.19	

\* 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)	12.70	28.00	33.03	35.19	2.16	6.53	41.15	48.29	7.14	17.34
Capital stock (US\$ Billions)	138.10	481.20	1045.09	1083.30	38.21	3.64	4080.93	4477.37	396.44	9.72
Life expectancy at 65 (years)	15.26	18.84	20.60	21.79	1.19	5.77	23.56	25.83	2.27	9.63
GDP* by state (US\$ Billions)	35.05	246.15	431.94	462.52	30.58	7.08	983.40	1156.04	172.64	17.56

\*Based on Real GDP