

West 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	Baseline	Percent	Absolute	Percent	Absolute	Percent
Cancer	72	4,718	0.34	104	85	8,639	7,871	0.90	0.67	-19	-17.87	-768	-8.89	-0.23	-25.17
Breast cancer	7	4,634	0.03	8	7	8,447	7,693	0.07	0.06	-1	-12.30	-755	-8.93	-0.01	-20.13
Colon cancer	3	13,299	0.04	3	2	26,335	23,991	0.08	0.06	-1	-17.67	-2,343	-8.90	-0.02	-24.99
Lung cancer	3	18,304	0.05	3	3	33,446	30,458	0.11	0.08	-1	-18.44	-2,987	-8.93	-0.03	-25.73
Prostate cancer	6	3,774	0.02	10	8	7,027	6,400	0.07	0.05	-2	-21.48	-627	-8.92	-0.02	-28.49
Other cancers	54	3,819	0.20	79	65	7,174	6,534	0.57	0.43	-14	-18.00	-640	-8.92	-0.14	-25.32
Diabetes	111	2,065	0.23	150	130	3,853	3,509	0.58	0.46	-20	-13.30	-344	-8.92	-0.12	-21.03
Heart disease	178	3,756	0.66	222	145	7,387	6,729	1.64	0.98	-77	-34.63	-657	-8.90	-0.66	-40.44
Pulmonary conditions	371	973	0.36	446	383	1,872	1,705	0.84	0.65	-63	-14.05	-167	-8.91	-0.18	-21.71
Hypertension	301	1,014	0.30	357	290	1,895	1,726	0.68	0.50	-67	-18.70	-169	-8.92	-0.18	-25.95
Stroke	20	6,783	0.14	22	18	13,569	12,362	0.30	0.23	-4	-18.84	-1,207	-8.89	-0.08	-26.06
Mental disorders	225	1,327	0.30	290	254	2,457	2,238	0.71	0.57	-36	-12.35	-219	-8.93	-0.14	-20.17
Total	1,278	1,828	2.34	1,591	1,306	3,997	3,641	5.64	4.05	-285	-17.90	-356	-8.91	-1.59	-28.18

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	1.85	0.30	0.24	5.01	2.97	0.021	0.017	0.48	0.31	5.81	3.55	-2.26	-38.93
Breast cancer	0.16	0.02	0.02	0.40	0.25	0.002	0.001	0.04	0.03	0.46	0.30	-0.16	-34.81
Colon cancer	0.19	0.03	0.02	0.44	0.26	0.002	0.002	0.04	0.03	0.51	0.31	-0.20	-38.78
Lung cancer	0.28	0.04	0.03	0.61	0.36	0.003	0.002	0.06	0.04	0.70	0.43	-0.28	-39.38
Prostate cancer	0.13	0.02	0.02	0.39	0.22	0.002	0.001	0.04	0.02	0.45	0.26	-0.19	-41.63
Other cancers	1.09	0.19	0.15	3.17	1.88	0.014	0.011	0.31	0.20	3.68	2.24	-1.44	-39.05
Diabetes	0.85	0.25	0.21	2.02	1.59	0.020	0.017	0.22	0.17	2.50	1.98	-0.52	-20.76
Heart disease	0.97	0.51	0.34	1.87	1.02	0.051	0.033	0.18	0.10	2.62	1.49	-1.13	-43.01
Asthma	0.71	0.37	0.32	1.31	1.06	0.027	0.023	0.13	0.10	1.83	1.51	-0.33	-17.74
Hypertension	2.29	0.86	0.70	4.47	3.54	0.085	0.069	0.43	0.34	5.85	4.65	-1.20	-20.55
Stroke	0.18	0.08	0.06	0.33	0.25	0.005	0.004	0.03	0.02	0.44	0.34	-0.10	-23.35
Emotional disturbances	1.27	0.39	0.34	2.84	2.38	0.028	0.025	0.27	0.23	3.53	2.98	-0.55	-15.54
Total	8.12	2.75	2.21	17.85	12.82	0.24	0.19	1.75	1.28	22.58	16.50	-6.09	-26.95

\* 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)	6.80	15.67	17.66	18.81	1.15	6.52	22.79	26.75	3.96	17.38
Capital stock (US\$ Billions)	51.12	206.38	332.78	344.93	12.15	3.64	730.74	801.87	71.14	9.72
Life expectancy at 65 (years)	14.46	16.90	18.48	19.55	1.07	5.77	21.13	23.17	2.04	9.65
GDP* by state (US\$ Billions)	9.73	42.94	69.98	74.92	4.95	7.07	92.20	108.42	16.22	17.59

\*Based on Real GDP