

Montana

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	31	4,317	0.14	51	42	8,665	7,776	0.45	0.33	-9	-17.92	-889	-10.26	-0.12	-26.34
Breast cancer	3	4,479	0.01	5	4	9,016	8,087	0.04	0.03	-1	-12.30	-929	-10.31	-0.01	-21.34
Colon cancer	1	12,481	0.01	2	1	27,656	24,818	0.04	0.03	0	-17.67	-2,838	-10.26	-0.01	-26.12
Lung cancer	1	16,523	0.02	2	1	33,348	29,911	0.06	0.04	0	-18.44	-3,437	-10.31	-0.02	-26.85
Prostate cancer	3	3,875	0.01	6	5	7,994	7,171	0.05	0.03	-1	-21.48	-823	-10.30	-0.01	-29.56
Other cancers	23	3,275	0.08	38	31	6,827	6,124	0.26	0.19	-7	-18.00	-702	-10.29	-0.07	-26.44
Diabetes	31	1,964	0.06	57	50	4,061	3,643	0.23	0.18	-8	-13.30	-418	-10.29	-0.05	-22.22
Heart disease	54	3,699	0.20	89	58	8,131	7,296	0.73	0.43	-31	-34.63	-835	-10.26	-0.30	-41.34
Pulmonary conditions	129	907	0.12	169	145	1,943	1,743	0.33	0.25	-24	-14.05	-200	-10.28	-0.08	-22.89
Hypertension	86	865	0.07	122	99	1,793	1,608	0.22	0.16	-23	-18.70	-185	-10.29	-0.06	-27.06
Stroke	8	6,418	0.05	11	9	14,389	12,913	0.17	0.12	-2	-18.84	-1,476	-10.25	-0.04	-27.17
Mental disorders	141	1,725	0.25	215	189	3,536	3,172	0.76	0.60	-27	-12.35	-364	-10.30	-0.16	-21.38
Total	481	1,837	0.88	715	592	4,440	3,984	2.88	2.07	-123	-17.19	-456	-10.28	-0.81	-28.19

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	0.80	0.15	0.12	2.48	1.47	0.0106	0.0086	0.24	0.16	2.87	1.75	-1.12	-38.96
Breast cancer	0.07	0.01	0.01	0.23	0.14	0.0010	0.0008	0.02	0.02	0.26	0.17	-0.09	-34.82
Colon cancer	0.09	0.01	0.01	0.24	0.14	0.0010	0.0008	0.02	0.02	0.28	0.17	-0.11	-38.78
Lung cancer	0.13	0.02	0.02	0.31	0.19	0.0013	0.0011	0.03	0.02	0.36	0.22	-0.14	-39.39
Prostate cancer	0.07	0.02	0.01	0.27	0.15	0.0012	0.0009	0.03	0.02	0.32	0.18	-0.13	-41.63
Other cancers	0.45	0.08	0.07	1.42	0.84	0.0061	0.0049	0.14	0.09	1.65	1.01	-0.64	-39.05
Diabetes	0.24	0.09	0.08	0.77	0.60	0.0075	0.0065	0.08	0.06	0.95	0.76	-0.20	-20.76
Heart disease	0.29	0.21	0.14	0.75	0.41	0.0204	0.0133	0.07	0.04	1.05	0.60	-0.45	-43.01
Asthma	0.25	0.14	0.12	0.50	0.40	0.0101	0.0087	0.05	0.04	0.69	0.57	-0.12	-17.74
Hypertension	0.66	0.29	0.24	1.53	1.21	0.0289	0.0235	0.15	0.12	2.00	1.59	-0.41	-20.55
Stroke	0.07	0.04	0.03	0.17	0.13	0.0028	0.0022	0.02	0.01	0.23	0.17	-0.05	-23.35
Emotional disturbances	0.80	0.29	0.25	2.11	1.77	0.0210	0.0184	0.20	0.17	2.62	2.21	-0.41	-15.54
Total	3.10	1.21	0.98	8.30	5.99	0.10	0.08	0.81	0.60	10.42	7.65	-2.76	-26.53

\* 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)	11.00	23.77	28.63	30.50	1.87	6.52	35.93	42.18	6.25	17.40
Capital stock (US\$ Billions)	22.73	94.61	195.35	202.49	7.14	3.64	533.09	585.06	51.97	9.72
Life expectancy at 65 (years)	15.31	18.51	20.24	21.41	1.17	5.77	23.14	25.38	2.24	9.66
GDP* by state (US\$ Billions)	4.43	24.91	46.05	49.31	3.26	7.07	77.44	91.09	13.65	17.62

\*Based on Real GDP