

North Dakota

Chronic Disease	2003			Direct Costs											
	PRC (Thousands)	Expenditure per PRC (\$)	Total Expenditure (US\$ Billions)	2023						Projections - Difference					
				Projections - Level				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	20	5,766	0.12	29	24	10,143	9,269	0.29	0.22	-5	-17.93	-874	-8.62	-0.07	-25.00
Breast cancer	2	5,410	0.01	3	3	9,641	8,810	0.03	0.02	0	-12.30	-831	-8.61	-0.01	-19.85
Colon cancer	1	15,292	0.01	1	1	29,512	26,979	0.02	0.01	0	-17.67	-2,533	-8.58	0.00	-24.73
Lung cancer	1	18,995	0.01	1	1	33,927	31,004	0.02	0.02	0	-18.44	-2,922	-8.61	-0.01	-25.47
Prostate cancer	3	5,325	0.01	4	3	9,685	8,851	0.04	0.03	-1	-21.48	-833	-8.61	-0.01	-28.24
Other cancers	15	4,876	0.07	21	17	8,943	8,174	0.19	0.14	-4	-18.00	-769	-8.60	-0.05	-25.06
Diabetes	23	2,444	0.06	34	30	4,456	4,072	0.15	0.12	-5	-13.30	-383	-8.61	-0.03	-20.76
Heart disease	47	5,036	0.23	59	39	9,654	8,826	0.57	0.34	-21	-34.63	-829	-8.58	-0.23	-40.24
Pulmonary conditions	100	1,360	0.14	118	102	2,553	2,333	0.30	0.24	-17	-14.05	-219	-8.59	-0.06	-21.44
Hypertension	78	946	0.07	94	76	1,726	1,578	0.16	0.12	-18	-18.70	-149	-8.60	-0.04	-25.69
Stroke	8	6,715	0.05	9	8	13,086	11,963	0.12	0.09	-2	-18.84	-1,122	-8.58	-0.03	-25.80
Mental disorders	42	1,800	0.08	54	48	3,257	2,977	0.18	0.14	-7	-12.35	-280	-8.61	-0.04	-19.89
Total	318	2,341	0.75	399	326	5,035	4,602	1.78	1.28	-73	-18.31	-433	-8.60	-0.51	-28.54

Chronic Disease	Indirect Impacts* (US\$ Billions)												
	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	0.53	0.08	0.07	1.40	0.83	0.0060	0.0049	0.135	0.088	1.62	0.99	-0.63	-38.97
Breast cancer	0.05	0.01	0.01	0.13	0.08	0.0006	0.0005	0.013	0.009	0.15	0.10	-0.05	-34.78
Colon cancer	0.04	0.01	0.00	0.09	0.06	0.0004	0.0003	0.009	0.006	0.11	0.07	-0.04	-38.75
Lung cancer	0.05	0.01	0.00	0.10	0.06	0.0004	0.0004	0.010	0.006	0.12	0.07	-0.05	-39.35
Prostate cancer	0.06	0.01	0.01	0.19	0.11	0.0008	0.0006	0.018	0.011	0.22	0.13	-0.09	-41.60
Other cancers	0.32	0.05	0.04	0.88	0.52	0.0038	0.0031	0.085	0.055	1.02	0.62	-0.40	-39.01
Diabetes	0.18	0.06	0.05	0.46	0.36	0.0045	0.0039	0.049	0.038	0.57	0.46	-0.12	-20.76
Heart disease	0.25	0.14	0.09	0.50	0.27	0.0135	0.0088	0.048	0.027	0.70	0.40	-0.30	-43.01
Asthma	0.19	0.10	0.08	0.35	0.28	0.0071	0.0061	0.034	0.027	0.49	0.40	-0.09	-17.74
Hypertension	0.60	0.23	0.18	1.18	0.93	0.0223	0.0181	0.114	0.090	1.54	1.23	-0.32	-20.55
Stroke	0.07	0.03	0.03	0.14	0.10	0.0023	0.0018	0.013	0.010	0.18	0.14	-0.04	-23.35
Emotional disturbances	0.24	0.07	0.06	0.53	0.45	0.0053	0.0047	0.051	0.043	0.66	0.56	-0.10	-15.54
Total	2.05	0.71	0.56	4.56	3.23	0.06	0.05	0.45	0.32	5.77	4.17	-1.60	-27.75

* Based on Nominal GDP

Variables	Intergenerational Impacts									
	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)	8.40	24.97	28.52	30.39	1.87	6.54	35.19	41.29	6.10	17.34
Capital stock (US\$ Billions)	14.76	62.81	81.24	84.22	2.98	3.64	184.56	202.49	17.93	9.72
Life expectancy at 65 (years)	15.77	19.08	20.86	22.07	1.21	5.78	23.86	26.16	2.30	9.63
GDP* by state (US\$ Billions)	3.65	21.01	29.64	31.74	2.10	7.09	40.59	47.72	7.13	17.56

*Based on Real GDP