

Iowa

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	101	4,667	0.47	141	116	8,876	8,031	1.25	0.93	-25	-17.81	-845	-9.52	-0.32	-25.64
Breast cancer	11	4,619	0.05	14	12	8,792	7,954	0.12	0.10	-2	-12.30	-838	-9.54	-0.03	-20.66
Colon cancer	3	11,667	0.04	3	3	24,265	21,961	0.08	0.06	-1	-17.67	-2,304	-9.50	-0.02	-25.49
Lung cancer	3	15,741	0.05	3	3	30,037	27,173	0.10	0.07	-1	-18.44	-2,864	-9.54	-0.03	-26.22
Prostate cancer	10	4,357	0.04	15	12	8,485	7,676	0.13	0.09	-3	-21.48	-808	-9.53	-0.04	-28.96
Other cancers	73	3,947	0.29	105	86	7,757	7,019	0.81	0.60	-19	-18.00	-739	-9.52	-0.21	-25.81
Diabetes	115	2,053	0.24	159	137	4,006	3,625	0.64	0.50	-21	-13.30	-382	-9.52	-0.14	-21.56
Heart disease	224	3,867	0.86	267	175	7,984	7,226	2.13	1.26	-92	-34.63	-758	-9.50	-0.87	-40.84
Pulmonary conditions	412	1,085	0.45	488	420	2,188	1,980	1.07	0.83	-69	-14.05	-208	-9.51	-0.24	-22.23
Hypertension	380	806	0.31	457	371	1,576	1,426	0.72	0.53	-85	-18.70	-150	-9.52	-0.19	-26.44
Stroke	34	5,043	0.17	38	31	10,604	9,597	0.40	0.29	-7	-18.84	-1,006	-9.49	-0.11	-26.55
Mental disorders	319	1,527	0.48	418	366	2,956	2,674	1.24	0.98	-52	-12.35	-282	-9.53	-0.26	-20.70
Total	1,585	1,880	2.98	1,967	1,616	4,329	3,917	7.44	5.32	-351	-17.86	-412	-9.51	-2.12	-28.46

Indirect Impacts* (US\$ Billions)

Chronic Disease	2003		2023											
	Level	Total	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	2.58	0.40	0.33	6.78	4.03	0.029	0.024	0.66	0.43	7.87	4.81	-3.06	-38.88	
Breast cancer	0.29	0.04	0.03	0.67	0.43	0.003	0.002	0.06	0.05	0.78	0.51	-0.27	-34.79	
Colon cancer	0.20	0.03	0.02	0.46	0.27	0.002	0.002	0.04	0.03	0.53	0.33	-0.21	-38.76	
Lung cancer	0.25	0.03	0.03	0.54	0.32	0.002	0.002	0.05	0.03	0.63	0.38	-0.25	-39.36	
Prostate cancer	0.23	0.04	0.03	0.70	0.40	0.003	0.002	0.07	0.04	0.81	0.47	-0.34	-41.61	
Other cancers	1.60	0.26	0.21	4.41	2.62	0.019	0.015	0.43	0.28	5.12	3.12	-2.00	-39.02	
Diabetes	0.88	0.26	0.23	2.13	1.67	0.021	0.018	0.23	0.18	2.64	2.10	-0.55	-20.76	
Heart disease	1.22	0.62	0.41	2.25	1.23	0.061	0.040	0.22	0.12	3.15	1.80	-1.36	-43.01	
Asthma	0.78	0.40	0.35	1.43	1.17	0.029	0.025	0.14	0.11	2.01	1.65	-0.36	-17.74	
Hypertension	2.89	1.10	0.90	5.73	4.53	0.108	0.088	0.56	0.44	7.49	5.95	-1.54	-20.55	
Stroke	0.31	0.13	0.10	0.55	0.42	0.009	0.007	0.05	0.04	0.74	0.57	-0.17	-23.35	
Emotional disturbances	1.80	0.56	0.49	4.10	3.44	0.041	0.036	0.39	0.33	5.09	4.30	-0.79	-15.54	
Total	10.46	3.48	2.80	22.98	16.49	0.30	0.24	2.24	1.65	29.00	21.17	-7.82	-26.98	

* Based on Nominal GDP

Intergenerational Impacts

Variables	1970	2003	2023								2050			
			2023				2023				2050		2050	
			Projections - Level				Projections - Difference				Projections - Level		Projections - Difference	
			Baseline	Optimistic	Absolute	Percent	Baseline	Optimistic	Absolute	Percent	Baseline	Optimistic	Absolute	Percent
Bachelor's degrees (percent)	9.10	23.87	27.82	29.63	1.81	6.49	34.32	40.29	5.97	17.40				
Capital stock (US\$ Billions)	76.45	190.08	336.75	348.99	12.25	3.64	814.49	893.91	79.41	9.72				
Life expectancy at 65 (years)	15.59	18.99	20.77	21.96	1.19	5.74	23.74	26.03	2.29	9.66				
GDP* by state (US\$ Billions)	18.83	100.36	139.23	149.03	9.80	7.04	200.45	235.77	35.32	17.62				

*Based on Real GDP