

Ohio

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	377	5,125	1.93	542	445	9,208	8,407	4.99	3.74	-97	-17.82	-801	-8.70	-1.25	-24.96
Breast cancer	41	5,140	0.21	53	46	9,224	8,421	0.49	0.39	-7	-12.30	-804	-8.71	-0.10	-19.94
Colon cancer	11	12,592	0.14	12	10	24,492	22,367	0.30	0.22	-2	-17.67	-2,125	-8.68	-0.07	-24.81
Lung cancer	13	17,415	0.22	15	12	31,321	28,593	0.46	0.34	-3	-18.44	-2,728	-8.71	-0.12	-25.55
Prostate cancer	37	4,799	0.18	57	45	8,791	8,026	0.50	0.36	-12	-21.48	-765	-8.70	-0.14	-28.31
Other cancers	275	4,334	1.19	405	332	8,007	7,311	3.24	2.43	-73	-18.00	-697	-8.70	-0.82	-25.14
Diabetes	595	2,253	1.34	764	663	4,136	3,776	3.16	2.50	-102	-13.30	-360	-8.70	-0.66	-20.84
Heart disease	875	4,175	3.65	1,054	689	8,067	7,367	8.50	5.08	-365	-34.63	-700	-8.68	-3.43	-40.30
Pulmonary conditions	1,835	1,179	2.17	2,194	1,886	2,229	2,035	4.89	3.84	-308	-14.05	-194	-8.69	-1.05	-21.52
Hypertension	1,549	886	1.37	1,849	1,503	1,629	1,487	3.01	2.24	-346	-18.70	-142	-8.70	-0.78	-25.77
Stroke	113	5,414	0.61	126	102	10,634	9,712	1.33	0.99	-24	-18.84	-922	-8.67	-0.35	-25.88
Mental disorders	1,432	1,683	2.39	1,878	1,646	3,066	2,799	5.76	4.61	-232	-12.35	-267	-8.71	-1.15	-19.98
Total	6,775	1,990	13.48	8,406	6,934	4,247	3,878	31.65	22.99	-1,473	-17.52	-369	-8.69	-8.66	-27.35

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
Cancer	9.66	1.54	1.26	26.08	15.50	0.111	0.091	2.52	1.64	30.25	18.49	-11.76	-38.88
Breast cancer	1.06	0.15	0.13	2.55	1.62	0.011	0.009	0.25	0.17	2.96	1.93	-1.03	-34.79
Colon cancer	0.68	0.09	0.08	1.56	0.93	0.007	0.005	0.15	0.10	1.81	1.11	-0.70	-38.76
Lung cancer	1.11	0.14	0.11	2.40	1.41	0.010	0.008	0.23	0.15	2.78	1.69	-1.09	-39.36
Prostate cancer	0.89	0.15	0.12	2.61	1.48	0.011	0.009	0.25	0.16	3.03	1.77	-1.26	-41.61
Other cancers	5.92	1.00	0.82	16.96	10.06	0.072	0.059	1.64	1.06	19.67	12.00	-7.68	-39.02
Diabetes	4.54	1.26	1.09	10.29	8.07	0.101	0.087	1.10	0.85	12.75	10.10	-2.65	-20.76
Heart disease	4.78	2.45	1.60	8.89	4.86	0.240	0.157	0.86	0.47	12.44	7.09	-5.35	-43.01
Asthma	3.49	1.81	1.56	6.45	5.24	0.132	0.113	0.63	0.51	9.01	7.42	-1.60	-17.74
Hypertension	11.78	4.46	3.63	23.17	18.33	0.438	0.357	2.25	1.78	30.32	24.09	-6.23	-20.55
Stroke	1.03	0.42	0.34	1.83	1.39	0.031	0.024	0.18	0.14	2.46	1.89	-0.58	-23.35
Emotional disturbances	8.06	2.53	2.22	18.40	15.46	0.184	0.161	1.76	1.48	22.87	19.32	-3.55	-15.54
Total	43.35	14.47	11.69	95.11	68.84	1.24	0.99	9.30	6.87	120.11	88.39	-31.72	-26.41

* 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)	9.30	24.53	28.29	30.13	1.84	6.49	34.90
Capital stock (US\$ Billions)	344.15	885.13	1533.86	1589.64	55.78	3.64	3847.26	4222.33	375.07	9.72
Life expectancy at 65 (years)	14.64	17.71	19.37	20.48	1.11	5.74	22.14	24.28	2.14	9.66
GDP* by state (US\$ Billions)	91.04	394.69	581.48	622.43	40.95	7.04	854.34	1004.86	150.53	17.62

*Based on Real GDP