

Pennsylvania

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	485	4,847	2.35	686	564	8,144	7,504	5.59	4.23	-122	-17.78	-641	-7.87	-1.36	-24.25
Breast cancer	59	5,507	0.32	72	63	9,355	8,612	0.68	0.55	-9	-12.30	-742	-7.94	-0.13	-19.26
Colon cancer	15	11,477	0.17	16	13	20,974	19,315	0.34	0.26	-3	-17.67	-1,659	-7.91	-0.08	-24.18
Lung cancer	17	17,953	0.31	20	16	30,558	28,133	0.61	0.46	-4	-18.44	-2,425	-7.93	-0.15	-24.92
Prostate cancer	49	4,869	0.24	74	58	8,426	7,758	0.62	0.45	-16	-21.48	-668	-7.93	-0.17	-27.70
Other cancers	346	3,797	1.31	504	413	6,623	6,098	3.34	2.52	-91	-18.00	-525	-7.93	-0.82	-24.50
Diabetes	709	2,054	1.46	920	798	3,562	3,279	3.28	2.62	-122	-13.30	-282	-7.93	-0.66	-20.17
Heart disease	1,017	2,894	2.94	1,198	783	5,256	4,840	6.30	3.79	-415	-34.63	-416	-7.91	-2.51	-39.80
Pulmonary conditions	2,167	861	1.86	2,588	2,224	1,534	1,412	3.97	3.14	-364	-14.05	-121	-7.92	-0.83	-20.86
Hypertension	1,684	887	1.50	2,036	1,655	1,540	1,418	3.14	2.35	-381	-18.70	-122	-7.93	-0.79	-25.14
Stroke	135	5,764	0.78	150	122	10,629	9,788	1.59	1.19	-28	-18.84	-840	-7.90	-0.40	-25.26
Mental disorders	1,582	1,705	2.68	2,088	1,830	2,937	2,704	6.13	4.95	-258	-12.35	-233	-7.93	-1.18	-19.30
Total	7,780	1,745	13.57	9,666	7,976	3,587	3,303	29.99	22.27	-1,690	-17.48	-284	-7.91	-7.72	-25.75

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	12.44	1.95	1.60	33.04	19.64	0.141	0.115	3.20	2.08	38.33	23.43	-14.89	-38.86
Breast cancer	1.70	0.24	0.21	3.99	2.53	0.017	0.015	0.39	0.27	4.63	3.02	-1.61	-34.83
Colon cancer	0.88	0.12	0.10	2.01	1.20	0.009	0.007	0.19	0.13	2.34	1.43	-0.91	-38.80
Lung cancer	1.66	0.21	0.17	3.63	2.14	0.015	0.013	0.35	0.23	4.21	2.55	-1.66	-39.40
Prostate cancer	1.25	0.22	0.17	3.69	2.09	0.016	0.012	0.36	0.22	4.28	2.50	-1.78	-41.65
Other cancers	6.94	1.17	0.95	19.72	11.69	0.084	0.069	1.91	1.24	22.88	13.94	-8.94	-39.06
Diabetes	5.41	1.52	1.31	12.39	9.71	0.121	0.104	1.32	1.03	15.35	12.16	-3.19	-20.76
Heart disease	5.56	2.78	1.82	10.11	5.53	0.273	0.178	0.98	0.53	14.14	8.06	-6.08	-43.01
Asthma	4.13	2.14	1.84	7.60	6.18	0.155	0.134	0.74	0.60	10.63	8.75	-1.89	-17.74
Hypertension	12.81	4.91	4.00	25.52	20.18	0.483	0.393	2.48	1.96	33.39	26.53	-6.86	-20.55
Stroke	1.23	0.50	0.41	2.19	1.66	0.036	0.029	0.21	0.16	2.94	2.25	-0.69	-23.35
Emotional disturbances	8.91	2.81	2.46	20.45	17.19	0.204	0.178	1.96	1.65	25.43	21.48	-3.95	-15.54
Total	50.48	16.61	13.43	111.30	80.09	1.41	1.13	10.88	8.01	140.21	102.66	-37.55	-26.78

* 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)	8.70	25.57	28.06	29.90	1.84	6.54	34.62	40.64	6.02	17.40
Capital stock (US\$ Billions)	417.81	673.67	1225.46	1270.39	44.93	3.64	3123.71	3428.25	304.54	9.72
Life expectancy at 65 (years)	14.35	18.23	19.93	21.08	1.15	5.79	22.79	24.99	2.20	9.66
GDP* by state (US\$ Billions)	97.20	428.05	591.14	633.11	41.96	7.10	894.04	1051.57	157.53	17.62

*Based on Real GDP