

New Jersey

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	353	4,434	1.57	526	432	7,867	7,199	4.14	3.11	-94	-17.83	-669	-8.50	-1.03	-24.81
Breast cancer	42	5,242	0.22	58	51	9,330	8,528	0.54	0.43	-7	-12.30	-802	-8.60	-0.11	-19.84
Colon cancer	11	10,023	0.11	13	10	19,316	17,662	0.24	0.18	-2	-17.67	-1,654	-8.56	-0.06	-24.72
Lung cancer	12	16,670	0.19	14	12	29,738	27,182	0.42	0.32	-3	-18.44	-2,556	-8.60	-0.11	-25.46
Prostate cancer	42	4,491	0.19	67	53	8,159	7,458	0.55	0.40	-14	-21.48	-701	-8.59	-0.16	-28.22
Other cancers	247	3,474	0.86	374	307	6,364	5,818	2.38	1.78	-67	-18.00	-546	-8.59	-0.60	-25.04
Diabetes	440	1,980	0.87	623	541	3,604	3,295	2.25	1.78	-83	-13.30	-310	-8.59	-0.47	-20.74
Heart disease	589	2,552	1.50	763	499	4,886	4,468	3.73	2.23	-264	-34.63	-419	-8.57	-1.50	-40.23
Pulmonary conditions	1,295	793	1.02	1,582	1,360	1,487	1,360	2.35	1.85	-222	-14.05	-128	-8.58	-0.50	-21.42
Hypertension	1,137	870	0.99	1,494	1,214	1,586	1,450	2.37	1.76	-279	-18.70	-136	-8.59	-0.61	-25.68
Stroke	65	4,977	0.32	75	61	9,686	8,857	0.73	0.54	-14	-18.84	-829	-8.56	-0.19	-25.79
Mental disorders	742	1,650	1.22	1,055	925	2,981	2,725	3.14	2.52	-130	-12.35	-256	-8.59	-0.63	-19.88
Total	4,620	1,622	7.49	6,118	5,031	3,605	3,296	18.71	13.79	-1,087	-17.76	-309	-8.57	-4.92	-26.29

Indirect Impacts* (US\$ Billions)

Chronic Disease	2023												
	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	9.05	1.50	1.22	25.33	15.05	0.108	0.088	2.45	1.59	29.38	17.96	-11.43	-38.89
Breast cancer	1.27	0.20	0.17	3.30	2.09	0.014	0.012	0.32	0.22	3.83	2.50	-1.34	-34.85
Colon cancer	0.61	0.09	0.07	1.50	0.89	0.006	0.005	0.14	0.09	1.74	1.06	-0.67	-38.82
Lung cancer	1.11	0.15	0.12	2.60	1.53	0.011	0.009	0.25	0.16	3.02	1.83	-1.19	-39.42
Prostate cancer	1.09	0.20	0.16	3.37	1.91	0.014	0.011	0.33	0.20	3.91	2.28	-1.63	-41.66
Other cancers	4.96	0.86	0.70	14.56	8.62	0.062	0.051	1.41	0.91	16.89	10.29	-6.60	-39.08
Diabetes	3.35	1.03	0.89	8.39	6.58	0.082	0.071	0.90	0.70	10.40	8.24	-2.16	-20.76
Heart disease	3.22	1.77	1.16	6.44	3.52	0.174	0.114	0.62	0.34	9.01	5.13	-3.87	-43.01
Asthma	2.47	1.31	1.12	4.65	3.78	0.095	0.082	0.45	0.37	6.50	5.35	-1.15	-17.74
Hypertension	8.65	3.61	2.93	18.72	14.81	0.354	0.288	1.82	1.44	24.50	19.46	-5.04	-20.55
Stroke	0.59	0.25	0.21	1.10	0.83	0.018	0.015	0.11	0.08	1.48	1.13	-0.35	-23.35
Emotional disturbances	4.18	1.42	1.24	10.33	8.68	0.103	0.090	0.99	0.83	12.85	10.85	-2.00	-15.54
Total	31.50	10.88	8.78	74.96	53.25	0.93	0.75	7.33	5.35	94.11	68.12	-25.99	-27.62

* 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)	11.80	31.83	37.69	40.14	2.45	6.50	45.89	53.86	7.97	17.36
Capital stock (US\$ Billions)	227.37	758.53	1420.60	1472.35	51.75	3.64	4043.82	4437.12	393.30	9.72
Life expectancy at 65 (years)	14.62	18.69	20.44	21.62	1.18	5.75	23.37	25.62	2.25	9.64
GDP* by state (US\$ Billions)	78.61	375.85	571.63	611.95	40.32	7.05	951.73	1119.01	167.28	17.58

*Based on Real GDP