

Hawaii

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	38	4,358	0.16	59	49	7,319	6,755	0.43	0.33	-10	-17.68	-564	-7.70	-0.10	-24.02
Breast cancer	4	4,613	0.02	6	5	7,742	7,141	0.05	0.04	-1	-12.30	-601	-7.76	-0.01	-19.11
Colon cancer	2	12,342	0.02	2	2	22,246	20,525	0.05	0.04	0	-17.67	-1,721	-7.74	-0.01	-24.04
Lung cancer	1	16,713	0.02	2	1	28,102	25,921	0.05	0.04	0	-18.44	-2,182	-7.76	-0.01	-24.78
Prostate cancer	3	3,925	0.01	5	4	6,709	6,189	0.03	0.02	-1	-21.48	-520	-7.76	-0.01	-27.57
Other cancers	28	3,307	0.09	44	36	5,696	5,254	0.25	0.19	-8	-18.00	-442	-7.75	-0.06	-24.36
Diabetes	58	2,015	0.12	86	75	3,451	3,184	0.30	0.24	-11	-13.30	-268	-7.76	-0.06	-20.02
Heart disease	66	3,668	0.24	95	62	6,572	6,063	0.62	0.38	-33	-34.63	-509	-7.74	-0.25	-39.68
Pulmonary conditions	124	915	0.11	158	136	1,609	1,484	0.25	0.20	-22	-14.05	-125	-7.75	-0.05	-20.71
Hypertension	128	897	0.11	165	134	1,538	1,419	0.25	0.19	-31	-18.70	-119	-7.76	-0.06	-25.00
Stroke	10	6,303	0.06	14	11	11,461	10,575	0.16	0.12	-3	-18.84	-886	-7.73	-0.04	-25.12
Mental disorders	139	1,774	0.25	209	183	3,018	2,784	0.63	0.51	-26	-12.35	-234	-7.76	-0.12	-19.15
Total	564	1,896	1.07	785	649	3,784	3,491	2.65	1.96	-136	-17.33	-293	-7.74	-0.69	-25.94

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	0.97	0.17	0.14	2.85	1.70	0.0122	0.0099	0.28	0.18	3.31	2.02	-1.28	-38.78
Breast cancer	0.11	0.02	0.02	0.32	0.20	0.0014	0.0012	0.03	0.02	0.37	0.24	-0.13	-34.82
Colon cancer	0.13	0.02	0.02	0.34	0.20	0.0014	0.0012	0.03	0.02	0.39	0.24	-0.15	-38.80
Lung cancer	0.13	0.02	0.02	0.33	0.20	0.0014	0.0011	0.03	0.02	0.39	0.23	-0.15	-39.39
Prostate cancer	0.06	0.01	0.01	0.21	0.12	0.0009	0.0007	0.02	0.01	0.24	0.14	-0.10	-41.64
Other cancers	0.54	0.10	0.08	1.65	0.98	0.0070	0.0057	0.16	0.10	1.91	1.17	-0.75	-39.06
Diabetes	0.45	0.14	0.12	1.16	0.91	0.0113	0.0097	0.12	0.10	1.43	1.14	-0.30	-20.76
Heart disease	0.36	0.22	0.14	0.80	0.44	0.0216	0.0141	0.08	0.04	1.12	0.64	-0.48	-43.01
Asthma	0.24	0.13	0.11	0.46	0.38	0.0095	0.0082	0.05	0.04	0.65	0.53	-0.12	-17.74
Hypertension	0.97	0.40	0.32	2.06	1.63	0.0391	0.0318	0.20	0.16	2.70	2.15	-0.56	-20.55
Stroke	0.09	0.05	0.04	0.20	0.15	0.0033	0.0027	0.02	0.01	0.27	0.21	-0.06	-23.35
Emotional disturbances	0.78	0.28	0.25	2.04	1.72	0.0204	0.0178	0.20	0.16	2.54	2.15	-0.39	-15.54
Total	3.86	1.38	1.12	9.58	6.92	0.12	0.09	0.94	0.69	12.02	8.83	-3.19	-26.53

* 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	Baseline	Optimistic	Absolute	Percent		
Bachelor's degrees (percent)	14.00	27.23	31.31	33.34	2.03	6.50	39.55	46.40	6.85	17.33				
Capital stock (US\$ Billions)	42.85	83.08	152.22	157.76	5.54	3.64	456.09	500.37	44.28	9.72				
Life expectancy at 65 (years)	16.23	21.03	23.00	24.32	1.32	5.75	26.30	28.83	2.53	9.62				
GDP* by state (US\$ Billions)	12.57	48.65	82.80	88.64	5.84	7.05	156.35	183.78	27.43	17.54				

*Based on Real GDP