

**Alaska**

**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	20	5,860	0.12	40	33	13,498	11,910	0.55	0.40	-7	-17.73	-1,588	-11.76	-0.15	-27.41
Breast cancer	2	6,277	0.01	5	4	14,139	12,465	0.07	0.05	-1	-12.30	-1,673	-11.84	-0.01	-22.68
Colon cancer	1	16,298	0.01	1	1	41,027	36,197	0.06	0.04	0	-17.67	-4,831	-11.77	-0.02	-27.36
Lung cancer	1	22,446	0.02	1	1	50,713	44,711	0.07	0.05	0	-18.44	-6,002	-11.83	-0.02	-28.10
Prostate cancer	2	5,285	0.01	4	3	12,247	10,799	0.05	0.04	-1	-21.48	-1,448	-11.82	-0.02	-30.76
Other cancers	15	4,447	0.07	29	23	10,428	9,196	0.30	0.22	-5	-18.00	-1,232	-11.81	-0.08	-27.69
Diabetes	20	2,560	0.05	33	28	5,950	5,246	0.19	0.15	-4	-13.30	-703	-11.82	-0.05	-23.54
Heart disease	17	4,807	0.08	39	25	11,989	10,577	0.46	0.27	-13	-34.63	-1,412	-11.78	-0.20	-42.33
Pulmonary conditions	105	1,180	0.12	146	126	2,856	2,519	0.42	0.32	-21	-14.05	-337	-11.80	-0.10	-24.19
Hypertension	60	1,128	0.07	86	70	2,627	2,317	0.23	0.16	-16	-18.70	-310	-11.82	-0.06	-28.30
Stroke	3	8,223	0.02	5	4	20,983	18,514	0.10	0.07	-1	-18.84	-2,469	-11.77	-0.03	-28.39
Mental disorders	74	2,273	0.17	133	116	5,229	4,611	0.69	0.54	-16	-12.35	-618	-11.82	-0.16	-22.71
<b>Total</b>	<b>299</b>	<b>2,130</b>	<b>0.64</b>	<b>482</b>	<b>403</b>	<b>5,962</b>	<b>5,258</b>	<b>2.64</b>	<b>1.90</b>	<b>-79</b>	<b>-16.37</b>	<b>-704</b>	<b>-11.80</b>	<b>-0.74</b>	<b>-28.12</b>

**Indirect Impacts\* (US\$ Billions)**

Chronic Disease	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	0.52	0.12	0.09	1.95	1.16	0.008	0.007	0.19	0.12	2.26	1.38	-0.88	-38.82
Breast cancer	0.05	0.01	0.01	0.24	0.15	0.001	0.001	0.02	0.02	0.27	0.18	-0.10	-34.83
Colon cancer	0.06	0.01	0.01	0.21	0.12	0.001	0.001	0.02	0.01	0.24	0.15	-0.09	-38.78
Lung cancer	0.08	0.01	0.01	0.25	0.15	0.001	0.001	0.02	0.02	0.29	0.17	-0.11	-39.40
Prostate cancer	0.05	0.01	0.01	0.19	0.11	0.001	0.001	0.02	0.01	0.22	0.13	-0.09	-41.65
Other cancers	0.28	0.06	0.05	1.06	0.63	0.005	0.004	0.10	0.07	1.23	0.75	-0.48	-39.06
Diabetes	0.15	0.05	0.05	0.44	0.34	0.004	0.004	0.05	0.04	0.54	0.43	-0.11	-20.76
Heart disease	0.09	0.09	0.06	0.33	0.18	0.009	0.006	0.03	0.02	0.46	0.26	-0.20	-43.01
Asthma	0.20	0.12	0.10	0.43	0.35	0.009	0.008	0.04	0.03	0.60	0.49	-0.11	-17.74
Hypertension	0.45	0.21	0.17	1.08	0.85	0.020	0.017	0.10	0.08	1.41	1.12	-0.29	-20.55
Stroke	0.02	0.02	0.01	0.07	0.05	0.001	0.001	0.01	0.01	0.09	0.07	-0.02	-23.35
Emotional disturbances	0.42	0.18	0.16	1.30	1.09	0.013	0.011	0.12	0.10	1.61	1.36	-0.25	-15.54
<b>Total</b>	<b>1.86</b>	<b>0.78</b>	<b>0.64</b>	<b>5.59</b>	<b>4.03</b>	<b>0.06</b>	<b>0.05</b>	<b>0.54</b>	<b>0.40</b>	<b>6.98</b>	<b>5.13</b>	<b>-1.86</b>	<b>-26.59</b>

\* 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)	14.10	25.10	28.34	30.18	1.84	6.51	36.61	42.97	6.36	17.38
Capital stock (US\$ Billions)	29.44	57.83	117.18	121.45	4.27	3.64	401.53	440.63	39.10	9.72
Life expectancy at 65 (years)	14.70	18.38	20.10	21.26	1.16	5.76	22.98	25.20	2.22	9.65
GDP* by state (US\$ Billions)	8.09	30.27	59.60	63.81	4.21	7.06	119.80	140.88	21.08	17.60

\*Based on Real GDP