

Arkansas

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	125	3,947	0.49	197	161	7,504	6,762	1.48	1.09	-35	-17.94	-742	-9.89	-0.38	-26.06
Breast cancer	12	3,921	0.05	16	14	7,701	6,933	0.12	0.10	-2	-12.30	-768	-9.97	-0.03	-21.04
Colon cancer	4	10,935	0.04	5	4	23,566	21,227	0.11	0.08	-1	-17.67	-2,339	-9.93	-0.03	-25.84
Lung cancer	3	15,460	0.05	4	4	30,444	27,409	0.13	0.10	-1	-18.44	-3,035	-9.97	-0.03	-26.58
Prostate cancer	14	3,166	0.04	23	18	6,368	5,734	0.15	0.10	-5	-21.48	-634	-9.96	-0.04	-29.30
Other cancers	93	3,195	0.30	149	122	6,491	5,844	0.97	0.71	-27	-18.00	-646	-9.95	-0.25	-26.17
Diabetes	126	1,695	0.21	180	156	3,418	3,078	0.61	0.48	-24	-13.30	-340	-9.96	-0.13	-21.93
Heart disease	224	3,081	0.68	287	188	6,589	5,935	1.89	1.11	-99	-34.63	-654	-9.93	-0.78	-41.12
Pulmonary conditions	503	796	0.40	655	563	1,660	1,495	1.09	0.84	-92	-14.05	-165	-9.94	-0.25	-22.60
Hypertension	411	829	0.34	548	445	1,674	1,507	0.92	0.67	-102	-18.70	-167	-9.96	-0.25	-26.79
Stroke	32	5,541	0.18	38	31	12,077	10,879	0.45	0.33	-7	-18.84	-1,198	-9.92	-0.12	-26.89
Mental disorders	278	1,096	0.30	406	356	2,191	1,973	0.89	0.70	-50	-12.35	-218	-9.96	-0.19	-21.08
Total	1,701	1,527	2.60	2,311	1,900	3,728	3,358	7.33	5.23	-410	-17.76	-370	-9.94	-2.10	-28.63

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	3.21	0.56	0.46	9.46	5.62	0.040	0.033	0.92	0.59	10.98	6.70	-4.28	-38.98
Breast cancer	0.31	0.05	0.04	0.80	0.50	0.003	0.003	0.08	0.05	0.92	0.60	-0.32	-34.84
Colon cancer	0.28	0.04	0.03	0.70	0.42	0.003	0.002	0.07	0.04	0.81	0.50	-0.32	-38.80
Lung cancer	0.35	0.05	0.04	0.84	0.50	0.004	0.003	0.08	0.05	0.98	0.59	-0.39	-39.41
Prostate cancer	0.29	0.06	0.04	0.93	0.53	0.004	0.003	0.09	0.06	1.08	0.63	-0.45	-41.65
Other cancers	1.98	0.37	0.30	6.19	3.67	0.026	0.022	0.60	0.39	7.19	4.38	-2.81	-39.07
Diabetes	0.96	0.30	0.26	2.42	1.90	0.024	0.020	0.26	0.20	3.00	2.38	-0.62	-20.76
Heart disease	1.22	0.67	0.44	2.42	1.33	0.066	0.043	0.23	0.13	3.39	1.93	-1.46	-43.01
Asthma	0.96	0.54	0.46	1.93	1.56	0.039	0.034	0.19	0.15	2.69	2.22	-0.48	-17.74
Hypertension	3.13	1.32	1.07	6.87	5.43	0.130	0.106	0.67	0.53	8.98	7.14	-1.85	-20.55
Stroke	0.29	0.13	0.10	0.55	0.42	0.009	0.007	0.05	0.04	0.74	0.57	-0.17	-23.35
Emotional disturbances	1.57	0.55	0.48	3.98	3.34	0.040	0.035	0.38	0.32	4.95	4.18	-0.77	-15.54
Total	11.34	4.06	3.27	27.63	19.59	0.35	0.28	2.70	1.96	34.73	25.11	-9.63	-27.71

* 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)	6.70	18.10	19.93	21.23	1.30	6.51	25.33	29.74	4.41	17.40
Capital stock (US\$ Billions)	40.29	139.47	278.90	289.08	10.18	3.64	810.72	889.75	79.04	9.72
Life expectancy at 65 (years)	15.37	17.75	19.41	20.53	1.12	5.76	22.19	24.33	2.14	9.66
GDP* by state (US\$ Billions)	11.96	75.16	112.17	120.10	7.93	7.07	186.30	219.12	32.82	17.62

*Based on Real GDP