

Table 120. Deaths—Life Years Lost and Mortality Costs by Age, Sex, and Cause: 2000 and 2003

[2,403 represents 2,403,000. Life years lost: Number of years person would have lived in absence of death. Mortality cost: value of lifetime earnings lost by persons who die prematurely]

Characteristic	Number of deaths (1,000)	Life years lost ¹		Mortality cost ²	
		Total (1,000)	Per death	Total (mil. dol.)	Per death (dol.)
2000, total	2,403	38,843	16.2	431,992	179,772
Under 5 years old	33	2,522	76.4	30,421	921,471
5 to 14 years old	7	513	69.2	8,331	1,123,778
15 to 24 years old	31	1,835	58.6	43,039	1,374,751
25 to 44 years old	130	5,604	43.1	144,409	1,108,713
45 to 64 years old	346	10,555	30.5	168,201	486,146
65 years old and over	1,855	17,815	9.6	37,591	20,265
Heart disease	711	8,917	12.5	72,224	101,623
Cancer	553	10,028	18.1	107,501	194,367
Cerebrovascular diseases	168	1,934	11.5	12,103	72,187
Accidents and adverse effects	98	3,303	33.8	69,429	709,801
Other	874	14,661	16.8	170,736	195,408
Male	1,177	20,415	17.3	316,850	269,135
Under 5 years old	19	1,373	74.0	19,287	1,040,197
5 to 14 years old	4	295	67.0	5,540	1,258,796
15 to 24 years old	23	1,319	57.2	34,230	1,483,692
25 to 44 years old	85	3,549	41.7	107,638	1,263,555
45 to 64 years old	244	6,098	25.0	123,301	505,917
65 years old and over	802	7,781	9.7	26,853	33,467
Heart disease	345	4,709	13.7	56,883	164,989
Cancer	286	5,333	18.6	75,819	265,036
Cerebrovascular diseases	65	777	12.0	7,861	121,377
Accidents and adverse effects	64	2,259	35.4	55,756	874,831
Other	418	7,336	17.6	120,531	288,386
Female	1,226	18,428	15.0	115,142	93,939
Under 5 years old	14	1,149	79.4	11,134	769,356
5 to 14 years old	3	218	72.4	2,791	926,495
15 to 24 years old	8	516	62.6	8,809	1,069,584
25 to 44 years old	45	2,054	45.6	36,770	815,994
45 to 64 years old	102	4,457	43.6	44,899	439,031
65 years old and over	1,053	10,034	9.5	10,738	10,201
Heart disease	366	4,208	11.5	15,341	41,923
Cancer	267	4,695	17.6	31,681	118,653
Cerebrovascular diseases	103	1,157	11.2	4,241	41,223
Accidents and adverse effects	34	1,044	30.6	13,673	401,183
Other	456	7,325	16.1	50,205	110,150
2003, total	2,448	40,981	16.7	504,771	206,202
Under 5 years old	33	2,541	77.0	32,985	999,855
5 to 14 years old	7	484	69.7	8,475	1,218,780
15 to 24 years old	34	1,984	59.1	49,677	1,479,889
25 to 44 years old	131	5,704	43.6	159,174	1,217,287
45 to 64 years old	380	11,844	31.1	212,026	557,387
65 years old and over	1,863	18,423	9.9	42,434	22,774
Heart disease	685	9,012	13.2	83,917	122,497
Cancer	557	10,423	18.7	125,039	224,531
Cerebrovascular diseases	158	1,900	12.1	13,540	85,866
Accidents and adverse effects	109	3,674	33.6	82,926	759,387
Other	939	15,972	17.0	199,349	212,273
Male	1,202	21,527	17.9	362,464	301,628
Under 5 years old	19	1,399	74.7	20,651	1,102,705
5 to 14 years old	4	280	67.4	5,551	1,337,603
15 to 24 years old	25	1,423	57.7	38,891	1,576,464
25 to 44 years old	85	3,596	42.3	116,188	1,366,327
45 to 64 years old	267	6,846	25.6	152,458	570,697
65 years old and over	802	7,982	10.0	28,724	35,817
Heart disease	336	4,788	14.2	64,744	192,653
Cancer	288	5,553	19.3	86,717	301,119
Cerebrovascular diseases	61	771	12.6	8,662	141,022
Accidents and adverse effects	70	2,479	35.2	65,032	922,944
Other	446	7,936	17.8	137,308	308,034
Female	1,246	19,454	15.6	142,307	114,188
Under 5 years old	14	1,141	80.0	12,334	864,798
5 to 14 years old	3	205	72.9	2,924	1,042,919
15 to 24 years old	9	561	63.0	10,786	1,212,134
25 to 44 years old	46	2,108	46.1	42,985	940,105
45 to 64 years old	113	4,997	44.1	59,568	525,990
65 years old and over	1,061	10,442	9.8	13,710	12,918
Heart disease	349	4,224	12.1	19,173	54,939
Cancer	269	4,870	18.1	38,322	142,510
Cerebrovascular diseases	96	1,129	11.7	4,878	50,670
Accidents and adverse effects	39	1,195	30.9	17,893	461,895
Other	493	8,036	16.3	62,041	125,752

¹ Based on life expectancy at year of death. ² Cost estimates based on the person's age, sex, life expectancy at the time of death, labor force participation rates, annual earnings, value of homemaking services, and a 3 percent discount rate by which to convert to present worth the potential aggregate earnings lost over the years.

Source: Wendy Max and Dorothy Rice, Institute for Health and Aging, University of California, San Francisco, CA, unpublished data.