

Table 122. Deaths—Life Years Lost and Mortality Costs by Age, Sex, and Cause: 2000 and 2004

[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
2004, total ³	2,397	40,757	17.0	521,097	217,371
Under 5 years old	33	2,533	77.4	33,848	1,034,435
5 to 14 years old	7	479	70.1	8,602	1,258,716
15 to 24 years old	33	1,989	59.5	51,159	1,530,741
25 to 44 years old	126	5,557	44.0	159,671	1,264,921
45 to 64 years old	383	12,057	31.4	221,232	576,889
65 years old and over	1,815	18,143	10.0	46,585	25,673
Heart disease	652	8,725	13.4	85,397	130,886
Cancer	554	10,499	19.0	130,136	234,953
Cerebrovascular diseases	150	1,853	12.3	14,187	94,537
Accidents and adverse effects	112	3,788	33.8	87,565	782,362
Other	929	15,892	17.1	203,812	219,401
Male	1,181	21,477	18.2	369,785	313,008
Under 5 years old	18	1,380	75.1	20,991	1,142,847
5 to 14 years old	4	272	67.9	5,536	1,384,437
15 to 24 years old	25	1,428	58.1	40,084	1,630,277
25 to 44 years old	82	3,506	42.7	115,982	1,413,796
45 to 64 years old	269	6,983	25.9	155,517	577,711
65 years old and over	783	7,908	10.1	31,675	40,443
Heart disease	322	4,677	14.5	65,320	202,895
Cancer	287	5,616	19.6	88,992	310,268
Cerebrovascular diseases	59	760	12.9	8,962	152,426
Accidents and adverse effects	72	2,544	35.4	68,109	946,275
Other	442	7,879	17.8	138,401	313,228
Female	1,216	19,280	15.9	151,311	124,446
Under 5 years old	14	1,153	80.3	12,857	895,714
5 to 14 years old	3	208	73.2	3,066	1,081,376
15 to 24 years old	9	560	63.4	11,075	1,253,712
25 to 44 years old	44	2,051	46.4	43,689	988,569
45 to 64 years old	114	5,073	44.4	65,715	574,951
65 years old and over	1,031	10,235	9.9	14,909	14,456
Heart disease	331	4,048	12.2	20,076	60,744
Cancer	267	4,883	18.3	41,143	154,063
Cerebrovascular diseases	91	1,093	12.0	5,225	57,246
Accidents and adverse effects	40	1,243	31.1	19,456	487,034
Other	487	8,013	16.4	65,410	134,288

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. ³ Total excludes 346 deaths for which age is unknown.