

**TABLE I.A. Single-life, ½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
0	0.68637	62.7268	76.20	0.66956	66.0882	81.04
1	0.68770	62.4601	75.71	0.67107	65.7867	80.49
2	0.69100	61.8004	74.74	0.67429	65.1424	79.53
3	0.69436	61.1292	73.76	0.67759	64.4828	78.54
4	0.69775	60.4500	72.78	0.68092	63.8163	77.56
5	0.70119	59.7630	71.79	0.68428	63.1440	76.57
6	0.70464	59.0717	70.81	0.68766	62.4675	75.58
7	0.70812	58.3757	69.82	0.69107	61.7866	74.59
8	0.71163	57.6751	68.83	0.69449	61.1015	73.59
9	0.71515	56.9697	67.83	0.69794	60.4125	72.60
10	0.71870	56.2595	66.84	0.70140	59.7198	71.61
11	0.72228	55.5449	65.84	0.70488	59.0235	70.61
12	0.72587	54.8269	64.85	0.70838	58.3242	69.62
13	0.72946	54.1077	63.86	0.71189	57.6222	68.63
14	0.73305	53.3895	62.87	0.71541	56.9183	67.64
15	0.73663	52.6739	61.89	0.71894	56.2126	66.65
16	0.74020	51.9609	60.92	0.72248	55.5054	65.66
17	0.74375	51.2502	59.95	0.72602	54.7966	64.68
18	0.74729	50.5417	58.99	0.72957	54.0859	63.69
19	0.75082	49.8355	58.04	0.73314	53.3734	62.71
20	0.75434	49.1316	57.10	0.73671	52.6589	61.74
21	0.75785	48.4303	56.16	0.74029	51.9425	60.76
22	0.76135	47.7311	55.22	0.74388	51.2242	59.79
23	0.76484	47.0320	54.30	0.74748	50.5035	58.81
24	0.76835	46.3306	53.37	0.75110	49.7801	57.84
25	0.77188	45.6249	52.44	0.75473	49.0536	56.87
26	0.77543	44.9142	51.51	0.75838	48.3240	55.90
27	0.77901	44.1989	50.58	0.76205	47.5912	54.93
28	0.78261	43.4790	49.65	0.76573	46.8554	53.96
29	0.78623	42.7552	48.71	0.76942	46.1167	52.99

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①	②	③	④	⑤	⑥	⑦
30	0.78986	42.0278	47.78	0.77313	45.3752	52.02
31	0.79352	41.2971	46.85	0.77685	44.6310	51.05
32	0.79719	40.5628	45.92	0.78058	43.8843	50.09
33	0.80088	39.8251	44.98	0.78433	43.1352	49.12
34	0.80458	39.0839	44.05	0.78808	42.3838	48.16
35	0.80831	38.3392	43.12	0.79185	41.6303	47.20
36	0.81204	37.5915	42.18	0.79563	40.8748	46.24
37	0.81580	36.8414	41.25	0.79941	40.1177	45.29
38	0.81956	36.0892	40.32	0.80321	39.3590	44.33
39	0.82333	35.3352	39.40	0.80701	38.5986	43.38
40	0.82710	34.5800	38.47	0.81082	37.8367	42.43
41	0.83088	33.8237	37.55	0.81464	37.0735	41.48
42	0.83467	33.0673	36.63	0.81846	36.3093	40.54
43	0.83844	32.3121	35.72	0.82228	35.5452	39.60
44	0.84220	31.5597	34.82	0.82609	34.7821	38.67
45	0.84595	30.8110	33.92	0.82990	34.0204	37.74
46	0.84967	30.0660	33.03	0.83370	33.2601	36.81
47	0.85338	29.3244	32.15	0.83750	32.5007	35.90
48	0.85707	28.5864	31.27	0.84129	31.7426	34.98
49	0.86074	27.8525	30.41	0.84507	30.9861	34.08
50	0.86439	27.1228	29.55	0.84885	30.2314	33.17
51	0.86801	26.3976	28.70	0.85261	29.4788	32.28
52	0.87162	25.6766	27.86	0.85636	28.7282	31.39
53	0.87520	24.9601	27.03	0.86011	27.9788	30.51
54	0.87876	24.2485	26.21	0.86385	27.2299	29.63
55	0.88229	23.5422	25.39	0.86760	26.4810	28.75
56	0.88579	22.8418	24.59	0.87134	25.7321	27.88
57	0.88927	22.1474	23.79	0.87508	24.9839	27.01
58	0.89271	21.4584	23.01	0.87882	24.2373	26.15
59	0.89613	20.7736	22.23	0.88254	23.4931	25.30

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①	②	③	④	⑤	⑥	⑦
60	0.89954	20.0919	21.46	0.88624	22.7523	24.45
61	0.90294	19.4129	20.69	0.88993	22.0149	23.61
62	0.90632	18.7368	19.93	0.89360	21.2811	22.78
63	0.90968	18.0639	19.18	0.89725	20.5511	21.95
64	0.91303	17.3955	18.44	0.90088	19.8255	21.13
65	0.91634	16.7331	17.70	0.90448	19.1051	20.33
66	0.91961	16.0784	16.98	0.90804	18.3917	19.53
67	0.92284	15.4327	16.27	0.91157	17.6863	18.74
68	0.92602	14.7959	15.57	0.91506	16.9890	17.97
69	0.92917	14.1668	14.88	0.91851	16.2986	17.21
70	0.93228	13.5454	14.20	0.92193	15.6149	16.45
71	0.93534	12.9318	13.53	0.92531	14.9386	15.71
72	0.93837	12.3265	12.88	0.92865	14.2713	14.98
73	0.94135	11.7315	12.23	0.93194	13.6133	14.26
74	0.94426	11.1483	11.61	0.93517	12.9660	13.56
75	0.94711	10.5787	11.00	0.93835	12.3298	12.87
76	0.94989	10.0218	10.40	0.94148	11.7053	12.20
77	0.95262	9.4763	9.82	0.94454	11.0927	11.54
78	0.95528	8.9456	9.25	0.94753	10.4938	10.90
79	0.95785	8.4298	8.71	0.95045	9.9102	10.28
80	0.96035	7.9301	8.18	0.95330	9.3412	9.67
81	0.96277	7.4474	7.67	0.95607	8.7867	9.08
82	0.96509	6.9827	7.18	0.95877	8.2476	8.51
83	0.96733	6.5342	6.71	0.96138	7.7250	7.96
84	0.96951	6.0994	6.26	0.96389	7.2217	7.43
85	0.97154	5.6918	5.83	0.96629	6.7428	6.93
86	0.97347	5.3071	5.43	0.96856	6.2894	6.45
87	0.97528	4.9452	5.05	0.97070	5.8599	6.00
88	0.97698	4.6056	4.70	0.97273	5.4544	5.58
89	0.97856	4.2881	4.37	0.97464	5.0727	5.19

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①	②	③	④	⑤	⑥	⑦
90	0.98004	3.9921	4.07	0.97643	4.7147	4.81
91	0.98142	3.7170	3.78	0.97810	4.3801	4.47
92	0.98269	3.4622	3.52	0.97966	4.0683	4.15
93	0.98387	3.2268	3.28	0.98111	3.7789	3.85
94	0.98495	3.0101	3.06	0.98245	3.5111	3.57
95	0.98595	2.8112	2.85	0.98368	3.2641	3.32
96	0.98686	2.6290	2.67	0.98482	3.0371	3.08
97	0.98769	2.4627	2.49	0.98586	2.8291	2.87
98	0.98845	2.3112	2.34	0.98681	2.6391	2.68
99	0.98913	2.1737	2.20	0.98767	2.4661	2.50
100	0.98976	2.0490	2.07	0.98846	2.3091	2.34
101	0.99032	1.9363	1.96	0.98917	2.1669	2.19
102	0.99083	1.8347	1.85	0.98981	2.0384	2.06
103	0.99129	1.7432	1.76	0.99039	1.9228	1.94
104	0.99170	1.6610	1.68	0.99091	1.8188	1.84
105	0.99207	1.5872	1.60	0.99138	1.7256	1.74
106	0.99240	1.5211	1.53	0.99179	1.6422	1.66
107	0.99269	1.4621	1.47	0.99216	1.5677	1.58
108	0.99296	1.4093	1.42	0.99250	1.5013	1.51
109	0.99319	1.3623	1.37	0.99279	1.4422	1.45
110	0.99340	1.3203	1.33	0.99305	1.3896	1.40
111	0.99359	1.2829	1.29	0.99329	1.3429	1.35
112	0.99376	1.2495	1.26	0.99350	1.3013	1.31
113	0.99391	1.2195	1.23	0.99368	1.2640	1.27
114	0.99404	1.1921	1.20	0.99385	1.2301	1.24
115	0.99417	1.1656	1.17	0.99401	1.1979	1.21
116	0.99432	1.1370	1.14	0.99418	1.1638	1.17
117	0.99451	1.0984	1.11	0.99441	1.1196	1.13
118	0.99485	1.0297	1.04	0.99478	1.0446	1.05
119	0.99561	0.8777	0.88	0.99558	0.8852	0.89
120	0.99751	0.4987	0.50	0.99751	0.4988	0.50

**TABLE I.B. Single-life, 1 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

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①	②	③	④	⑤	⑥	⑦
0	0.47580	52.4207	76.20	0.45226	54.7749	81.04
1	0.47704	52.2969	75.71	0.45372	54.6287	80.49
2	0.48157	51.8434	74.74	0.45803	54.1973	79.53
3	0.48622	51.3785	73.76	0.46249	53.7515	78.54
4	0.49096	50.9050	72.78	0.46702	53.2983	77.56
5	0.49577	50.4231	71.79	0.47162	52.8386	76.57
6	0.50065	49.9358	70.81	0.47627	52.3734	75.58
7	0.50558	49.4424	69.82	0.48098	51.9028	74.59
8	0.51057	48.9433	68.83	0.48574	51.4269	73.59
9	0.51563	48.4380	67.83	0.49055	50.9458	72.60
10	0.52074	47.9266	66.84	0.49541	50.4597	71.61
11	0.52591	47.4093	65.84	0.50032	49.9687	70.61
12	0.53114	46.8871	64.85	0.50528	49.4731	69.62
13	0.53639	46.3617	63.86	0.51027	48.9733	68.63
14	0.54166	45.8350	62.87	0.51531	48.4698	67.64
15	0.54692	45.3084	61.89	0.52038	47.9628	66.65
16	0.55219	44.7819	60.92	0.52548	47.4525	65.66
17	0.55745	44.2552	59.95	0.53062	46.9387	64.68
18	0.56272	43.7283	58.99	0.53579	46.4213	63.69
19	0.56799	43.2013	58.04	0.54100	45.9002	62.71
20	0.57327	42.6741	57.10	0.54625	45.3753	61.74
21	0.57854	42.1470	56.16	0.55154	44.8466	60.76
22	0.58381	41.6197	55.22	0.55687	44.3141	59.79
23	0.58910	41.0904	54.30	0.56223	43.7774	58.81
24	0.59444	40.5569	53.37	0.56765	43.2361	57.84
25	0.59983	40.0175	52.44	0.57311	42.6899	56.87
26	0.60529	39.4716	51.51	0.57862	42.1387	55.90
27	0.61082	38.9192	50.58	0.58418	41.5825	54.93
28	0.61640	38.3607	49.65	0.58979	41.0214	53.96
29	0.62204	37.7964	48.71	0.59545	40.4553	52.99

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①	②	③	④	⑤	⑥	⑦
30	0.62774	37.2265	47.78	0.60116	39.8844	52.02
31	0.63349	36.6513	46.85	0.60692	39.3088	51.05
32	0.63930	36.0707	45.92	0.61272	38.7285	50.09
33	0.64516	35.4844	44.98	0.61857	38.1437	49.12
34	0.65108	34.8926	44.05	0.62446	37.5543	48.16
35	0.65706	34.2952	43.12	0.63040	36.9606	47.20
36	0.66308	33.6925	42.18	0.63638	36.3626	46.24
37	0.66916	33.0852	41.25	0.64240	35.7606	45.29
38	0.67528	32.4733	40.32	0.64846	35.1546	44.33
39	0.68144	31.8573	39.40	0.65456	34.5446	43.38
40	0.68763	31.2374	38.47	0.66070	33.9305	42.43
41	0.69387	30.6140	37.55	0.66688	33.3126	41.48
42	0.70013	29.9878	36.63	0.67310	32.6913	40.54
43	0.70641	29.3599	35.72	0.67934	32.0673	39.60
44	0.71269	28.7320	34.82	0.68559	31.4415	38.67
45	0.71896	28.1047	33.92	0.69187	30.8143	37.74
46	0.72523	27.4782	33.03	0.69815	30.1857	36.81
47	0.73149	26.8521	32.15	0.70446	29.5553	35.90
48	0.73774	26.2266	31.27	0.71078	28.9233	34.98
49	0.74399	25.6022	30.41	0.71711	28.2900	34.08
50	0.75022	24.9792	29.55	0.72345	27.6557	33.17
51	0.75643	24.3575	28.70	0.72980	27.0206	32.28
52	0.76264	23.7372	27.86	0.73616	26.3846	31.39
53	0.76882	23.1185	27.03	0.74254	25.7470	30.51
54	0.77499	22.5017	26.21	0.74894	25.1072	29.63
55	0.78114	21.8873	25.39	0.75536	24.4646	28.75
56	0.78725	21.2759	24.59	0.76182	23.8193	27.88
57	0.79334	20.6675	23.79	0.76829	23.1719	27.01
58	0.79939	20.0617	23.01	0.77478	22.5231	26.15
59	0.80544	19.4573	22.23	0.78127	21.8740	25.30

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①	②	③	④	⑤	⑥	⑦
60	0.81148	18.8535	21.46	0.78776	21.2250	24.45
61	0.81751	18.2496	20.69	0.79424	20.5767	23.61
62	0.82355	17.6460	19.93	0.80072	19.9289	22.78
63	0.82958	17.0431	19.18	0.80719	19.2819	21.95
64	0.83559	16.4420	18.44	0.81365	18.6363	21.13
65	0.84157	15.8440	17.70	0.82008	17.9929	20.33
66	0.84750	15.2510	16.98	0.82648	17.3533	19.53
67	0.85337	14.6642	16.27	0.83282	16.7188	18.74
68	0.85918	14.0835	15.57	0.83912	16.0891	17.97
69	0.86493	13.5079	14.88	0.84538	15.4635	17.21
70	0.87064	12.9375	14.20	0.85159	14.8416	16.45
71	0.87629	12.3722	13.53	0.85777	14.2243	15.71
72	0.88188	11.8127	12.88	0.86388	13.6130	14.98
73	0.88740	11.2609	12.23	0.86993	13.0082	14.26
74	0.89283	10.7184	11.61	0.87590	12.4111	13.56
75	0.89814	10.1869	11.00	0.88179	11.8223	12.87
76	0.90335	9.6658	10.40	0.88759	11.2425	12.20
77	0.90847	9.1537	9.82	0.89329	10.6718	11.54
78	0.91347	8.6541	9.25	0.89889	10.1121	10.90
79	0.91834	8.1672	8.71	0.90436	9.5651	10.28
80	0.92307	7.6940	8.18	0.90971	9.0300	9.67
81	0.92765	7.2358	7.67	0.91494	8.5071	9.08
82	0.93208	6.7936	7.18	0.92004	7.9971	8.51
83	0.93636	6.3656	6.71	0.92500	7.5014	7.96
84	0.94052	5.9496	6.26	0.92979	7.0226	7.43
85	0.94442	5.5589	5.83	0.93435	6.5658	6.93
86	0.94812	5.1893	5.43	0.93869	6.1324	6.45
87	0.95160	4.8408	5.05	0.94280	5.7209	6.00
88	0.95488	4.5133	4.70	0.94670	5.3315	5.58
89	0.95795	4.2064	4.37	0.95037	4.9642	5.19

**TABLE I.B. Single-life, 1 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
90	0.96081	3.9199	4.07	0.95382	4.6191	4.81
91	0.96348	3.6532	3.78	0.95705	4.2958	4.47
92	0.96596	3.4057	3.52	0.96007	3.9941	4.15
93	0.96824	3.1768	3.28	0.96288	3.7135	3.85
94	0.97035	2.9657	3.06	0.96548	3.4535	3.57
95	0.97229	2.7717	2.85	0.96788	3.2133	3.32
96	0.97407	2.5939	2.67	0.97009	2.9922	3.08
97	0.97570	2.4313	2.49	0.97212	2.7894	2.87
98	0.97718	2.2832	2.34	0.97397	2.6039	2.68
99	0.97853	2.1484	2.20	0.97566	2.4348	2.50
100	0.97975	2.0263	2.07	0.97720	2.2811	2.34
101	0.98085	1.9157	1.96	0.97859	2.1418	2.19
102	0.98185	1.8160	1.85	0.97985	2.0159	2.06
103	0.98275	1.7261	1.76	0.98099	1.9025	1.94
104	0.98356	1.6452	1.68	0.98201	1.8004	1.84
105	0.98429	1.5727	1.60	0.98292	1.7088	1.74
106	0.98494	1.5077	1.53	0.98374	1.6268	1.66
107	0.98552	1.4496	1.47	0.98448	1.5536	1.58
108	0.98604	1.3976	1.42	0.98513	1.4882	1.51
109	0.98650	1.3512	1.37	0.98571	1.4300	1.45
110	0.98691	1.3099	1.33	0.98623	1.3782	1.40
111	0.98728	1.2730	1.29	0.98669	1.3322	1.35
112	0.98761	1.2401	1.26	0.98710	1.2912	1.31
113	0.98791	1.2105	1.23	0.98747	1.2545	1.27
114	0.98818	1.1835	1.20	0.98780	1.2211	1.24
115	0.98844	1.1575	1.17	0.98812	1.1893	1.21
116	0.98872	1.1294	1.14	0.98845	1.1558	1.17
117	0.98910	1.0915	1.11	0.98889	1.1123	1.13
118	0.98977	1.0238	1.04	0.98963	1.0386	1.05
119	0.99128	0.8736	0.88	0.99120	0.8811	0.89
120	0.99504	0.4975	0.50	0.99504	0.4975	0.50



**TABLE I.C. Single-life, 1½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
0	0.33347	44.4357	76.20	0.30849	46.1013	81.04
1	0.33399	44.4015	75.71	0.30924	46.0513	80.49
2	0.33870	44.0876	74.74	0.31360	45.7609	79.53
3	0.34356	43.7631	73.76	0.31814	45.4577	78.54
4	0.34855	43.4304	72.78	0.32280	45.1474	77.56
5	0.35366	43.0897	71.79	0.32755	44.8308	76.57
6	0.35886	42.7432	70.81	0.33238	44.5088	75.58
7	0.36415	42.3907	69.82	0.33729	44.1812	74.59
8	0.36953	42.0320	68.83	0.34229	43.8482	73.59
9	0.37500	41.6671	67.83	0.34736	43.5099	72.60
10	0.38057	41.2957	66.84	0.35251	43.1664	71.61
11	0.38624	40.9182	65.84	0.35775	42.8176	70.61
12	0.39198	40.5351	64.85	0.36305	42.4639	69.62
13	0.39779	40.1481	63.86	0.36843	42.1056	68.63
14	0.40363	39.7588	62.87	0.37387	41.7430	67.64
15	0.40949	39.3682	61.89	0.37936	41.3764	66.65
16	0.41536	38.9766	60.92	0.38492	41.0057	65.66
17	0.42126	38.5834	59.95	0.39055	40.6309	64.68
18	0.42718	38.1889	58.99	0.39623	40.2519	63.69
19	0.43312	37.7930	58.04	0.40198	39.8684	62.71
20	0.43908	37.3957	57.10	0.40780	39.4805	61.74
21	0.44505	36.9973	56.16	0.41369	39.0880	60.76
22	0.45105	36.5973	55.22	0.41965	38.6910	59.79
23	0.45710	36.1944	54.30	0.42568	38.2890	58.81
24	0.46322	35.7865	53.37	0.43179	37.8817	57.84
25	0.46943	35.3720	52.44	0.43798	37.4688	56.87
26	0.47576	34.9503	51.51	0.44426	37.0501	55.90
27	0.48219	34.5216	50.58	0.45063	36.6256	54.93
28	0.48872	34.0860	49.65	0.45708	36.1954	53.96
29	0.49536	33.6437	48.71	0.46362	35.7593	52.99

**TABLE I.C. Single-life, 1½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
30	0.50209	33.1949	47.78	0.47025	35.3175	52.02
31	0.50892	32.7399	46.85	0.47696	34.8699	51.05
32	0.51584	32.2783	45.92	0.48376	34.4167	50.09
33	0.52286	31.8101	44.98	0.49065	33.9578	49.12
34	0.52999	31.3352	44.05	0.49762	33.4933	48.16
35	0.53721	30.8536	43.12	0.50467	33.0231	47.20
36	0.54453	30.3655	42.18	0.51180	32.5475	46.24
37	0.55194	29.8714	41.25	0.51902	32.0666	45.29
38	0.55945	29.3714	40.32	0.52631	31.5804	44.33
39	0.56703	28.8657	39.40	0.53368	31.0887	43.38
40	0.57470	28.3546	38.47	0.54114	30.5916	42.43
41	0.58244	27.8384	37.55	0.54868	30.0892	41.48
42	0.59025	27.3177	36.63	0.55629	29.5818	40.54
43	0.59811	26.7935	35.72	0.56396	29.0701	39.60
44	0.60601	26.2672	34.82	0.57169	28.5548	38.67
45	0.61392	25.7396	33.92	0.57947	28.0364	37.74
46	0.62186	25.2106	33.03	0.58730	27.5147	36.81
47	0.62982	24.6800	32.15	0.59518	26.9893	35.90
48	0.63780	24.1480	31.27	0.60311	26.4605	34.98
49	0.64579	23.6149	30.41	0.61109	25.9285	34.08
50	0.65380	23.0811	29.55	0.61911	25.3936	33.17
51	0.66182	22.5465	28.70	0.62718	24.8559	32.28
52	0.66985	22.0111	27.86	0.63529	24.3153	31.39
53	0.67789	21.4751	27.03	0.64345	23.7712	30.51
54	0.68593	20.9390	26.21	0.65167	23.2229	29.63
55	0.69397	20.4030	25.39	0.65997	22.6700	28.75
56	0.70200	19.8677	24.59	0.66833	22.1124	27.88
57	0.71002	19.3333	23.79	0.67676	21.5506	27.01
58	0.71803	18.7993	23.01	0.68524	20.9854	26.15
59	0.72605	18.2647	22.23	0.69376	20.4176	25.30

**TABLE I.C. Single-life, 1½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
60	0.73409	17.7284	21.46	0.70230	19.8478	24.45
61	0.74217	17.1902	20.69	0.71088	19.2762	23.61
62	0.75027	16.6503	19.93	0.71947	18.7030	22.78
63	0.75839	16.1089	19.18	0.72810	18.1283	21.95
64	0.76651	15.5671	18.44	0.73673	17.5527	21.13
65	0.77463	15.0263	17.70	0.74537	16.9768	20.33
66	0.78270	14.4882	16.98	0.75399	16.4023	19.53
67	0.79071	13.9540	16.27	0.76257	15.8304	18.74
68	0.79867	13.4236	15.57	0.77111	15.2609	17.97
69	0.80658	12.8961	14.88	0.77963	14.6929	17.21
70	0.81445	12.3716	14.20	0.78813	14.1264	16.45
71	0.82227	11.8501	13.53	0.79659	13.5620	15.71
72	0.83004	11.3322	12.88	0.80501	13.0012	14.98
73	0.83772	10.8199	12.23	0.81336	12.4444	14.26
74	0.84530	10.3147	11.61	0.82163	11.8930	13.56
75	0.85275	9.8182	11.00	0.82981	11.3473	12.87
76	0.86008	9.3299	10.40	0.83790	10.8083	12.20
77	0.86729	8.8487	9.82	0.84588	10.2760	11.54
78	0.87436	8.3779	9.25	0.85374	9.7524	10.90
79	0.88126	7.9178	8.71	0.86144	9.2391	10.28
80	0.88798	7.4695	8.18	0.86899	8.7355	9.67
81	0.89451	7.0342	7.67	0.87640	8.2419	9.08
82	0.90083	6.6130	7.18	0.88364	7.7590	8.51
83	0.90696	6.2043	6.71	0.89070	7.2884	7.96
84	0.91293	5.8060	6.26	0.89754	6.8325	7.43
85	0.91856	5.4312	5.83	0.90408	6.3966	6.93
86	0.92389	5.0759	5.43	0.91030	5.9820	6.45
87	0.92892	4.7402	5.05	0.91621	5.5875	6.00
88	0.93366	4.4242	4.70	0.92183	5.2134	5.58
89	0.93811	4.1275	4.37	0.92713	4.8598	5.19

**TABLE I.C. Single-life, 1½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
90	0.94228	3.8500	4.07	0.93212	4.5268	4.81
91	0.94616	3.5913	3.78	0.93681	4.2144	4.47
92	0.94976	3.3509	3.52	0.94119	3.9223	4.15
93	0.95310	3.1282	3.28	0.94527	3.6501	3.85
94	0.95619	2.9226	3.06	0.94906	3.3975	3.57
95	0.95903	2.7333	2.85	0.95257	3.1639	3.32
96	0.96163	2.5597	2.67	0.95580	2.9485	3.08
97	0.96402	2.4007	2.49	0.95877	2.7507	2.87
98	0.96619	2.2557	2.34	0.96148	2.5696	2.68
99	0.96817	2.1238	2.20	0.96396	2.4042	2.50
100	0.96997	2.0040	2.07	0.96622	2.2538	2.34
101	0.97159	1.8956	1.96	0.96827	2.1174	2.19
102	0.97306	1.7976	1.85	0.97012	1.9939	2.06
103	0.97439	1.7093	1.76	0.97179	1.8826	1.94
104	0.97558	1.6298	1.68	0.97329	1.7823	1.84
105	0.97665	1.5585	1.60	0.97464	1.6924	1.74
106	0.97761	1.4945	1.53	0.97585	1.6118	1.66
107	0.97847	1.4373	1.47	0.97693	1.5397	1.58
108	0.97924	1.3861	1.42	0.97790	1.4754	1.51
109	0.97992	1.3404	1.37	0.97876	1.4180	1.45
110	0.98053	1.2997	1.33	0.97952	1.3670	1.40
111	0.98108	1.2633	1.29	0.98020	1.3217	1.35
112	0.98156	1.2309	1.26	0.98081	1.2812	1.31
113	0.98200	1.2017	1.23	0.98135	1.2451	1.27
114	0.98240	1.1751	1.20	0.98184	1.2122	1.24
115	0.98279	1.1494	1.17	0.98231	1.1809	1.21
116	0.98320	1.1218	1.14	0.98281	1.1479	1.17
117	0.98376	1.0846	1.11	0.98345	1.1052	1.13
118	0.98476	1.0180	1.04	0.98454	1.0326	1.05
119	0.98698	0.8696	0.88	0.98687	0.8770	0.89
120	0.99258	0.4963	0.50	0.99258	0.4963	0.50

**TABLE I.D. Single-life, 2 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
0	0.23660	38.1706	76.20	0.21278	39.3618	81.04
1	0.23617	38.1919	75.71	0.21260	39.3704	80.49
2	0.24055	37.9730	74.74	0.21653	39.1739	79.53
3	0.24512	37.7448	73.76	0.22068	38.9663	78.54
4	0.24983	37.5091	72.78	0.22496	38.7524	77.56
5	0.25469	37.2660	71.79	0.22936	38.5328	76.57
6	0.25966	37.0176	70.81	0.23385	38.3082	75.58
7	0.26475	36.7634	69.82	0.23844	38.0785	74.59
8	0.26994	36.5034	68.83	0.24314	37.8438	73.59
9	0.27526	36.2375	67.83	0.24793	37.6041	72.60
10	0.28071	35.9654	66.84	0.25282	37.3595	71.61
11	0.28627	35.6874	65.84	0.25781	37.1099	70.61
12	0.29194	35.4039	64.85	0.26290	36.8557	69.62
13	0.29769	35.1163	63.86	0.26808	36.5969	68.63
14	0.30349	34.8261	62.87	0.27334	36.3339	67.64
15	0.30933	34.5341	61.89	0.27868	36.0669	66.65
16	0.31521	34.2404	60.92	0.28410	35.7958	65.66
17	0.32112	33.9448	59.95	0.28960	35.5206	64.68
18	0.32707	33.6473	58.99	0.29519	35.2411	63.69
19	0.33306	33.3479	58.04	0.30087	34.9571	62.71
20	0.33909	33.0465	57.10	0.30664	34.6686	61.74
21	0.34515	32.7435	56.16	0.31251	34.3755	60.76
22	0.35125	32.4384	55.22	0.31846	34.0777	59.79
23	0.35742	32.1299	54.30	0.32452	33.7748	58.81
24	0.36369	31.8163	53.37	0.33068	33.4666	57.84
25	0.37010	31.4961	52.44	0.33696	33.1526	56.87
26	0.37665	31.1687	51.51	0.34336	32.8328	55.90
27	0.38334	30.8341	50.58	0.34988	32.5070	54.93
28	0.39017	30.4925	49.65	0.35651	32.1753	53.96
29	0.39714	30.1440	48.71	0.36327	31.8375	52.99

**TABLE I.D. Single-life, 2 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
30	0.40424	29.7888	47.78	0.37014	31.4937	52.02
31	0.41148	29.4269	46.85	0.37714	31.1439	51.05
32	0.41886	29.0581	45.92	0.38426	30.7880	50.09
33	0.42638	28.6823	44.98	0.39150	30.4261	49.12
34	0.43404	28.2993	44.05	0.39886	30.0581	48.16
35	0.44184	27.9091	43.12	0.40634	29.6840	47.20
36	0.44979	27.5119	42.18	0.41394	29.3038	46.24
37	0.45787	27.1079	41.25	0.42166	28.9178	45.29
38	0.46608	26.6973	40.32	0.42951	28.5258	44.33
39	0.47442	26.2802	39.40	0.43747	28.1277	43.38
40	0.48288	25.8570	38.47	0.44555	27.7235	42.43
41	0.49147	25.4276	37.55	0.45376	27.3131	41.48
42	0.50017	24.9927	36.63	0.46208	26.8969	40.54
43	0.50896	24.5532	35.72	0.47051	26.4755	39.60
44	0.51782	24.1103	34.82	0.47903	26.0495	38.67
45	0.52673	23.6647	33.92	0.48764	25.6193	37.74
46	0.53570	23.2163	33.03	0.49633	25.1846	36.81
47	0.54473	22.7649	32.15	0.50512	24.7451	35.90
48	0.55381	22.3107	31.27	0.51400	24.3011	34.98
49	0.56295	21.8540	30.41	0.52297	23.8526	34.08
50	0.57213	21.3949	29.55	0.53203	23.4000	33.17
51	0.58136	20.9337	28.70	0.54116	22.9432	32.28
52	0.59063	20.4701	27.86	0.55038	22.4823	31.39
53	0.59994	20.0044	27.03	0.55970	22.0165	30.51
54	0.60929	19.5369	26.21	0.56912	21.5452	29.63
55	0.61867	19.0680	25.39	0.57867	21.0680	28.75
56	0.62807	18.5981	24.59	0.58833	20.5848	27.88
57	0.63748	18.1275	23.79	0.59811	20.0960	27.01
58	0.64692	17.6556	23.01	0.60799	19.6022	26.15
59	0.65640	17.1815	22.23	0.61795	19.1043	25.30

**TABLE I.D. Single-life, 2 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
60	0.66595	16.7042	21.46	0.62798	18.6027	24.45
61	0.67556	16.2235	20.69	0.63808	18.0977	23.61
62	0.68525	15.7394	19.93	0.64825	17.5893	22.78
63	0.69499	15.2522	19.18	0.65848	17.0777	21.95
64	0.70478	14.7630	18.44	0.66877	16.5633	21.13
65	0.71458	14.2730	17.70	0.67910	16.0469	20.33
66	0.72436	13.7838	16.98	0.68944	15.5298	19.53
67	0.73410	13.2967	16.27	0.69977	15.0133	18.74
68	0.74381	12.8114	15.57	0.71009	14.4972	17.97
69	0.75349	12.3272	14.88	0.72042	13.9808	17.21
70	0.76315	11.8442	14.20	0.73076	13.4638	16.45
71	0.77279	11.3624	13.53	0.74110	12.9469	15.71
72	0.78239	10.8825	12.88	0.75140	12.4317	14.98
73	0.79192	10.4062	12.23	0.76167	11.9184	14.26
74	0.80134	9.9350	11.61	0.77187	11.4084	13.56
75	0.81063	9.4707	11.00	0.78200	10.9021	12.87
76	0.81978	9.0128	10.40	0.79203	10.4004	12.20
77	0.82884	8.5601	9.82	0.80197	9.9034	11.54
78	0.83772	8.1161	9.25	0.81178	9.4131	10.90
79	0.84642	7.6809	8.71	0.82142	8.9309	10.28
80	0.85493	7.2557	8.18	0.83091	8.4565	9.67
81	0.86321	6.8419	7.67	0.84024	7.9901	9.08
82	0.87123	6.4404	7.18	0.84939	7.5326	8.51
83	0.87904	6.0499	6.71	0.85834	7.0853	7.96
84	0.88668	5.6684	6.26	0.86702	6.6510	7.43
85	0.89387	5.3086	5.83	0.87535	6.2346	6.93
86	0.90071	4.9668	5.43	0.88329	5.8379	6.45
87	0.90718	4.6433	5.05	0.89086	5.4594	6.00
88	0.91328	4.3382	4.70	0.89805	5.0997	5.58
89	0.91902	4.0512	4.37	0.90486	4.7591	5.19

**TABLE I.D. Single-life, 2 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
90	0.92440	3.7824	4.07	0.91129	4.4378	4.81
91	0.92942	3.5313	3.78	0.91733	4.1357	4.47
92	0.93409	3.2977	3.52	0.92299	3.8527	4.15
93	0.93843	3.0810	3.28	0.92827	3.5887	3.85
94	0.94243	2.8806	3.06	0.93318	3.3433	3.57
95	0.94613	2.6959	2.85	0.93773	3.1159	3.32
96	0.94952	2.5263	2.67	0.94193	2.9060	3.08
97	0.95263	2.3709	2.49	0.94579	2.7130	2.87
98	0.95547	2.2290	2.34	0.94933	2.5361	2.68
99	0.95805	2.0997	2.20	0.95256	2.3744	2.50
100	0.96040	1.9823	2.07	0.95550	2.2272	2.34
101	0.96253	1.8758	1.96	0.95818	2.0935	2.19
102	0.96446	1.7796	1.85	0.96060	1.9724	2.06
103	0.96619	1.6928	1.76	0.96279	1.8631	1.94
104	0.96775	1.6147	1.68	0.96475	1.7647	1.84
105	0.96916	1.5445	1.60	0.96652	1.6762	1.74
106	0.97042	1.4816	1.53	0.96811	1.5970	1.66
107	0.97154	1.4252	1.47	0.96953	1.5260	1.58
108	0.97255	1.3748	1.42	0.97079	1.4627	1.51
109	0.97345	1.3298	1.37	0.97192	1.4063	1.45
110	0.97426	1.2896	1.33	0.97293	1.3560	1.40
111	0.97497	1.2538	1.29	0.97382	1.3113	1.35
112	0.97561	1.2218	1.26	0.97462	1.2715	1.31
113	0.97619	1.1930	1.23	0.97533	1.2358	1.27
114	0.97671	1.1668	1.20	0.97598	1.2034	1.24
115	0.97722	1.1415	1.17	0.97660	1.1726	1.21
116	0.97776	1.1144	1.14	0.97725	1.1402	1.17
117	0.97849	1.0778	1.11	0.97808	1.0982	1.13
118	0.97980	1.0123	1.04	0.97951	1.0267	1.05
119	0.98274	0.8656	0.88	0.98259	0.8730	0.89
120	0.99015	0.4951	0.50	0.99015	0.4951	0.50



**TABLE I.E. Single-life, 2½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
0	0.17017	33.1936	76.20	0.14863	34.0551	81.04
1	0.16880	33.2484	75.71	0.14755	34.0986	80.49
2	0.17265	33.0946	74.74	0.15088	33.9651	79.53
3	0.17669	32.9328	73.76	0.15446	33.8220	78.54
4	0.18091	32.7643	72.78	0.15818	33.6734	77.56
5	0.18528	32.5893	71.79	0.16202	33.5199	76.57
6	0.18978	32.4095	70.81	0.16596	33.3620	75.58
7	0.19440	32.2246	69.82	0.17002	33.1997	74.59
8	0.19916	32.0344	68.83	0.17419	33.0330	73.59
9	0.20405	31.8388	67.83	0.17847	32.8618	72.60
10	0.20908	31.6375	66.84	0.18286	32.6862	71.61
11	0.21425	31.4308	65.84	0.18736	32.5063	70.61
12	0.21954	31.2190	64.85	0.19196	32.3220	69.62
13	0.22493	31.0033	63.86	0.19667	32.1337	68.63
14	0.23039	30.7850	62.87	0.20148	31.9415	67.64
15	0.23590	30.5648	61.89	0.20638	31.7456	66.65
16	0.24145	30.3428	60.92	0.21137	31.5459	65.66
17	0.24705	30.1188	59.95	0.21646	31.3424	64.68
18	0.25270	29.8927	58.99	0.22165	31.1349	63.69
19	0.25840	29.6647	58.04	0.22694	30.9232	62.71
20	0.26416	29.4346	57.10	0.23234	30.7072	61.74
21	0.26995	29.2026	56.16	0.23785	30.4869	60.76
22	0.27581	28.9685	55.22	0.24347	30.2621	59.79
23	0.28175	28.7311	54.30	0.24920	30.0326	58.81
24	0.28781	28.4886	53.37	0.25507	29.7979	57.84
25	0.29403	28.2398	52.44	0.26108	29.5578	56.87
26	0.30042	27.9842	51.51	0.26722	29.3120	55.90
27	0.30698	27.7217	50.58	0.27351	29.0606	54.93
28	0.31372	27.4523	49.65	0.27994	28.8033	53.96
29	0.32062	27.1763	48.71	0.28652	28.5402	52.99

**TABLE I.E. Single-life, 2½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
30	0.32769	26.8936	47.78	0.29324	28.2712	52.02
31	0.33492	26.6042	46.85	0.30012	27.9963	51.05
32	0.34233	26.3080	45.92	0.30714	27.7153	50.09
33	0.34991	26.0048	44.98	0.31431	27.4284	49.12
34	0.35767	25.6944	44.05	0.32164	27.1353	48.16
35	0.36561	25.3767	43.12	0.32912	26.8361	47.20
36	0.37374	25.0517	42.18	0.33676	26.5308	46.24
37	0.38203	24.7199	41.25	0.34454	26.2194	45.29
38	0.39050	24.3811	40.32	0.35248	25.9018	44.33
39	0.39914	24.0355	39.40	0.36058	25.5779	43.38
40	0.40795	23.6833	38.47	0.36884	25.2477	42.43
41	0.41692	23.3246	37.55	0.37725	24.9110	41.48
42	0.42604	22.9597	36.63	0.38583	24.5681	40.54
43	0.43530	22.5895	35.72	0.39454	24.2196	39.60
44	0.44465	22.2152	34.82	0.40338	23.8659	38.67
45	0.45410	21.8373	33.92	0.41235	23.5074	37.74
46	0.46364	21.4557	33.03	0.42144	23.1438	36.81
47	0.47328	21.0703	32.15	0.43066	22.7748	35.90
48	0.48301	20.6811	31.27	0.44002	22.4005	34.98
49	0.49283	20.2883	30.41	0.44951	22.0211	34.08
50	0.50273	19.8923	29.55	0.45912	21.6367	33.17
51	0.51271	19.4930	28.70	0.46885	21.2475	32.28
52	0.52278	19.0903	27.86	0.47871	20.8531	31.39
53	0.53293	18.6844	27.03	0.48871	20.4532	30.51
54	0.54315	18.2756	26.21	0.49887	20.0468	29.63
55	0.55344	17.8642	25.39	0.50919	19.6338	28.75
56	0.56378	17.4506	24.59	0.51969	19.2139	27.88
57	0.57417	17.0350	23.79	0.53036	18.7874	27.01
58	0.58462	16.6170	23.01	0.54117	18.3549	26.15
59	0.59516	16.1955	22.23	0.55211	17.9171	25.30

**TABLE I.E. Single-life, 2½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
60	0.60580	15.7698	21.46	0.56318	17.4745	24.45
61	0.61656	15.3394	20.69	0.57436	17.0273	23.61
62	0.62744	14.9045	19.93	0.58566	16.5753	22.78
63	0.63842	14.4652	19.18	0.59708	16.1188	21.95
64	0.64949	14.0226	18.44	0.60859	15.6582	21.13
65	0.66061	13.5778	17.70	0.62020	15.1941	20.33
66	0.67174	13.1323	16.98	0.63185	14.7278	19.53
67	0.68287	12.6872	16.27	0.64354	14.2605	18.74
68	0.69399	12.2426	15.57	0.65525	13.7920	17.97
69	0.70512	11.7975	14.88	0.66701	13.3216	17.21
70	0.71625	11.3521	14.20	0.67883	12.8491	16.45
71	0.72740	10.9063	13.53	0.69068	12.3750	15.71
72	0.73853	10.4609	12.88	0.70253	11.9009	14.98
73	0.74962	10.0175	12.23	0.71438	11.4271	14.26
74	0.76062	9.5777	11.61	0.72619	10.9548	13.56
75	0.77148	9.1430	11.00	0.73795	10.4845	12.87
76	0.78223	8.7130	10.40	0.74964	10.0169	12.20
77	0.79289	8.2868	9.82	0.76125	9.5523	11.54
78	0.80337	7.8676	9.25	0.77274	9.0926	10.90
79	0.81367	7.4556	8.71	0.78408	8.6392	10.28
80	0.82376	7.0521	8.18	0.79526	8.1919	9.67
81	0.83361	6.6583	7.67	0.80629	7.7508	9.08
82	0.84318	6.2754	7.18	0.81714	7.3169	8.51
83	0.85251	5.9021	6.71	0.82777	6.8916	7.96
84	0.86166	5.5363	6.26	0.83813	6.4775	7.43
85	0.87030	5.1907	5.83	0.84808	6.0796	6.93
86	0.87852	4.8618	5.43	0.85758	5.6996	6.45
87	0.88632	4.5499	5.05	0.86666	5.3363	6.00
88	0.89369	4.2551	4.70	0.87531	4.9904	5.58
89	0.90063	3.9775	4.37	0.88352	4.6621	5.19

**TABLE I.E. Single-life, 2½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
90	0.90715	3.7169	4.07	0.89127	4.3518	4.81
91	0.91324	3.4732	3.78	0.89858	4.0596	4.47
92	0.91892	3.2460	3.52	0.90543	3.7854	4.15
93	0.92420	3.0350	3.28	0.91184	3.5292	3.85
94	0.92908	2.8397	3.06	0.91781	3.2906	3.57
95	0.93358	2.6595	2.85	0.92334	3.0693	3.32
96	0.93773	2.4938	2.67	0.92845	2.8647	3.08
97	0.94153	2.3418	2.49	0.93316	2.6763	2.87
98	0.94500	2.2028	2.34	0.93749	2.5034	2.68
99	0.94817	2.0761	2.20	0.94144	2.3453	2.50
100	0.95105	1.9609	2.07	0.94505	2.2011	2.34
101	0.95366	1.8565	1.96	0.94832	2.0701	2.19
102	0.95602	1.7620	1.85	0.95129	1.9513	2.06
103	0.95816	1.6767	1.76	0.95397	1.8440	1.94
104	0.96008	1.5999	1.68	0.95639	1.7473	1.84
105	0.96180	1.5308	1.60	0.95856	1.6604	1.74
106	0.96335	1.4689	1.53	0.96051	1.5824	1.66
107	0.96474	1.4133	1.47	0.96226	1.5127	1.58
108	0.96598	1.3637	1.42	0.96382	1.4503	1.51
109	0.96709	1.3193	1.37	0.96521	1.3947	1.45
110	0.96808	1.2797	1.33	0.96644	1.3452	1.40
111	0.96896	1.2444	1.29	0.96755	1.3011	1.35
112	0.96975	1.2129	1.26	0.96853	1.2619	1.31
113	0.97046	1.1845	1.23	0.96941	1.2267	1.27
114	0.97111	1.1586	1.20	0.97021	1.1947	1.24
115	0.97173	1.1337	1.17	0.97096	1.1644	1.21
116	0.97240	1.1070	1.14	0.97176	1.1325	1.17
117	0.97330	1.0710	1.11	0.97279	1.0913	1.13
118	0.97491	1.0066	1.04	0.97455	1.0209	1.05
119	0.97853	0.8618	0.88	0.97835	0.8690	0.89
120	0.98773	0.4940	0.50	0.98773	0.4939	0.50

**TABLE I.F. Single-life, 3 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
0	0.12427	29.1914	76.20	0.10535	29.8220	81.04
1	0.12205	29.2655	75.71	0.10345	29.8854	80.49
2	0.12531	29.1568	74.74	0.10618	29.7943	79.53
3	0.12878	29.0410	73.76	0.10916	29.6949	78.54
4	0.13243	28.9195	72.78	0.11228	29.5909	77.56
5	0.13625	28.7923	71.79	0.11553	29.4827	76.57
6	0.14019	28.6609	70.81	0.11889	29.3709	75.58
7	0.14427	28.5250	69.82	0.12236	29.2552	74.59
8	0.14848	28.3845	68.83	0.12594	29.1358	73.59
9	0.15284	28.2391	67.83	0.12964	29.0125	72.60
10	0.15735	28.0888	66.84	0.13345	28.8854	71.61
11	0.16201	27.9335	65.84	0.13738	28.7545	70.61
12	0.16681	27.7737	64.85	0.14142	28.6199	69.62
13	0.17171	27.6104	63.86	0.14556	28.4817	68.63
14	0.17668	27.4445	62.87	0.14981	28.3401	67.64
15	0.18171	27.2770	61.89	0.15416	28.1953	66.65
16	0.18679	27.1077	60.92	0.15860	28.0471	65.66
17	0.19192	26.9366	59.95	0.16315	27.8955	64.68
18	0.19712	26.7635	58.99	0.16781	27.7404	63.69
19	0.20237	26.5885	58.04	0.17258	27.5815	62.71
20	0.20767	26.4116	57.10	0.17746	27.4187	61.74
21	0.21304	26.2329	56.16	0.18246	27.2520	60.76
22	0.21846	26.0522	55.22	0.18758	27.0812	59.79
23	0.22398	25.8683	54.30	0.19284	26.9062	58.81
24	0.22963	25.6798	53.37	0.19823	26.7264	57.84
25	0.23546	25.4855	52.44	0.20377	26.5416	56.87
26	0.24148	25.2848	51.51	0.20947	26.3516	55.90
27	0.24770	25.0777	50.58	0.21533	26.1564	54.93
28	0.25410	24.8641	49.65	0.22135	25.9557	53.96
29	0.26070	24.6442	48.71	0.22754	25.7496	52.99

**TABLE I.F. Single-life, 3 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
30	0.26749	24.4180	47.78	0.23389	25.5379	52.02
31	0.27447	24.1854	46.85	0.24041	25.3206	51.05
32	0.28164	23.9463	45.92	0.24710	25.0976	50.09
33	0.28902	23.7004	44.98	0.25396	24.8689	49.12
34	0.29661	23.4474	44.05	0.26100	24.6342	48.16
35	0.30441	23.1874	43.12	0.26822	24.3936	47.20
36	0.31243	22.9203	42.18	0.27562	24.1471	46.24
37	0.32065	22.6463	41.25	0.28319	23.8947	45.29
38	0.32908	22.3654	40.32	0.29095	23.6361	44.33
39	0.33771	22.0776	39.40	0.29889	23.3714	43.38
40	0.34654	21.7832	38.47	0.30703	23.1003	42.43
41	0.35558	21.4821	37.55	0.31535	22.8228	41.48
42	0.36480	21.1746	36.63	0.32386	22.5391	40.54
43	0.37420	20.8615	35.72	0.33255	22.2495	39.60
44	0.38373	20.5438	34.82	0.34140	21.9546	38.67
45	0.39338	20.2220	33.92	0.35040	21.6546	37.74
46	0.40316	19.8960	33.03	0.35956	21.3492	36.81
47	0.41308	19.5656	32.15	0.36889	21.0382	35.90
48	0.42312	19.2308	31.27	0.37839	20.7216	34.98
49	0.43329	18.8919	30.41	0.38806	20.3995	34.08
50	0.44358	18.5490	29.55	0.39789	20.0720	33.17
51	0.45398	18.2022	28.70	0.40787	19.7391	32.28
52	0.46451	17.8513	27.86	0.41803	19.4007	31.39
53	0.47516	17.4964	27.03	0.42836	19.0561	30.51
54	0.48592	17.1379	26.21	0.43891	18.7048	29.63
55	0.49678	16.7759	25.39	0.44966	18.3462	28.75
56	0.50773	16.4109	24.59	0.46064	17.9802	27.88
57	0.51877	16.0430	23.79	0.47184	17.6071	27.01
58	0.52991	15.6717	23.01	0.48324	17.2273	26.15
59	0.54118	15.2962	22.23	0.49481	16.8414	25.30

**TABLE I.F. Single-life, 3 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
60	0.55260	14.9155	21.46	0.50656	16.4499	24.45
61	0.56418	14.5294	20.69	0.51847	16.0528	23.61
62	0.57593	14.1377	19.93	0.53056	15.6501	22.78
63	0.58784	13.7409	19.18	0.54280	15.2419	21.95
64	0.59988	13.3396	18.44	0.55521	14.8285	21.13
65	0.61202	12.9351	17.70	0.56774	14.4106	20.33
66	0.62421	12.5287	16.98	0.58038	13.9893	19.53
67	0.63643	12.1214	16.27	0.59309	13.5657	18.74
68	0.64867	11.7133	15.57	0.60588	13.1397	17.97
69	0.66097	11.3035	14.88	0.61875	12.7105	17.21
70	0.67331	10.8921	14.20	0.63173	12.2779	16.45
71	0.68570	10.4792	13.53	0.64480	11.8425	15.71
72	0.69812	10.0653	12.88	0.65791	11.4056	14.98
73	0.71052	9.6521	12.23	0.67105	10.9676	14.26
74	0.72285	9.2409	11.61	0.68419	10.5296	13.56
75	0.73508	8.8335	11.00	0.69731	10.0921	12.87
76	0.74720	8.4295	10.40	0.71040	9.6559	12.20
77	0.75925	8.0278	9.82	0.72345	9.2211	11.54
78	0.77114	7.6315	9.25	0.73639	8.7897	10.90
79	0.78285	7.2412	8.71	0.74919	8.3630	10.28
80	0.79435	6.8579	8.18	0.76186	7.9408	9.67
81	0.80560	6.4830	7.67	0.77439	7.5233	9.08
82	0.81656	6.1175	7.18	0.78674	7.1115	8.51
83	0.82728	5.7603	6.71	0.79889	6.7067	7.96
84	0.83781	5.4095	6.26	0.81074	6.3116	7.43
85	0.84777	5.0774	5.83	0.82216	5.9311	6.93
86	0.85727	4.7607	5.43	0.83309	5.5669	6.45
87	0.86630	4.4598	5.05	0.84355	5.2180	6.00
88	0.87485	4.1749	4.70	0.85354	4.8851	5.58
89	0.88292	3.9061	4.37	0.86304	4.5685	5.19

**TABLE I.F. Single-life, 3 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
90	0.89050	3.6534	4.07	0.87203	4.2688	4.81
91	0.89760	3.4167	3.78	0.88052	3.9860	4.47
92	0.90422	3.1959	3.52	0.88849	3.7202	4.15
93	0.91039	2.9904	3.28	0.89596	3.4714	3.85
94	0.91610	2.8000	3.06	0.90292	3.2394	3.57
95	0.92138	2.6240	2.85	0.90938	3.0239	3.32
96	0.92624	2.4620	2.67	0.91537	2.8244	3.08
97	0.93070	2.3133	2.49	0.92089	2.6405	2.87
98	0.93479	2.1772	2.34	0.92596	2.4716	2.68
99	0.93851	2.0531	2.20	0.93060	2.3168	2.50
100	0.94190	1.9401	2.07	0.93483	2.1756	2.34
101	0.94498	1.8376	1.96	0.93869	2.0472	2.19
102	0.94776	1.7447	1.85	0.94218	1.9307	2.06
103	0.95028	1.6609	1.76	0.94534	1.8254	1.94
104	0.95255	1.5853	1.68	0.94819	1.7304	1.84
105	0.95458	1.5174	1.60	0.95076	1.6449	1.74
106	0.95642	1.4564	1.53	0.95306	1.5682	1.66
107	0.95806	1.4017	1.47	0.95512	1.4995	1.58
108	0.95952	1.3528	1.42	0.95696	1.4381	1.51
109	0.96084	1.3090	1.37	0.95861	1.3834	1.45
110	0.96201	1.2700	1.33	0.96007	1.3346	1.40
111	0.96305	1.2352	1.29	0.96137	1.2911	1.35
112	0.96399	1.2040	1.26	0.96253	1.2524	1.31
113	0.96482	1.1761	1.23	0.96357	1.2177	1.27
114	0.96559	1.1505	1.20	0.96452	1.1862	1.24
115	0.96633	1.1261	1.17	0.96542	1.1564	1.21
116	0.96711	1.0998	1.14	0.96636	1.1250	1.17
117	0.96817	1.0644	1.11	0.96757	1.0844	1.13
118	0.97008	1.0010	1.04	0.96965	1.0151	1.05
119	0.97437	0.8579	0.88	0.97416	0.8651	0.89
120	0.98533	0.4928	0.50	0.98533	0.4927	0.50



**TABLE I.G. Single-life, 3½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
0	0.09229	25.9349	76.20	0.07593	26.4023	81.04
1	0.08934	26.0193	75.71	0.07335	26.4761	80.49
2	0.09205	25.9419	74.74	0.07553	26.4137	79.53
3	0.09497	25.8583	73.76	0.07796	26.3442	78.54
4	0.09807	25.7698	72.78	0.08053	26.2709	77.56
5	0.10134	25.6765	71.79	0.08322	26.1940	76.57
6	0.10473	25.5795	70.81	0.08602	26.1141	75.58
7	0.10827	25.4786	69.82	0.08893	26.0309	74.59
8	0.11194	25.3737	68.83	0.09195	25.9446	73.59
9	0.11576	25.2645	67.83	0.09509	25.8550	72.60
10	0.11973	25.1510	66.84	0.09834	25.7622	71.61
11	0.12386	25.0332	65.84	0.10170	25.6662	70.61
12	0.12812	24.9113	64.85	0.10517	25.5669	69.62
13	0.13250	24.7863	63.86	0.10875	25.4647	68.63
14	0.13695	24.6591	62.87	0.11243	25.3595	67.64
15	0.14146	24.5303	61.89	0.11621	25.2515	66.65
16	0.14602	24.4001	60.92	0.12009	25.1407	65.66
17	0.15063	24.2682	59.95	0.12408	25.0269	64.68
18	0.15531	24.1346	58.99	0.12817	24.9100	63.69
19	0.16005	23.9993	58.04	0.13238	24.7898	62.71
20	0.16484	23.8623	57.10	0.13670	24.6663	61.74
21	0.16969	23.7238	56.16	0.14114	24.5393	60.76
22	0.17461	23.5834	55.22	0.14572	24.4088	59.79
23	0.17962	23.4402	54.30	0.15042	24.2744	58.81
24	0.18478	23.2928	53.37	0.15527	24.1357	57.84
25	0.19013	23.1401	52.44	0.16028	23.9927	56.87
26	0.19567	22.9816	51.51	0.16545	23.8449	55.90
27	0.20142	22.8173	50.58	0.17079	23.6924	54.93
28	0.20738	22.6471	49.65	0.17630	23.5349	53.96
29	0.21355	22.4709	48.71	0.18199	23.3725	52.99

**TABLE I.G. Single-life, 3½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
30	0.21992	22.2889	47.78	0.18786	23.2049	52.02
31	0.22650	22.1010	46.85	0.19390	23.0321	51.05
32	0.23330	21.9069	45.92	0.20014	22.8541	50.09
33	0.24031	21.7063	44.98	0.20656	22.6707	49.12
34	0.24757	21.4992	44.05	0.21317	22.4819	48.16
35	0.25506	21.2852	43.12	0.21997	22.2874	47.20
36	0.26278	21.0645	42.18	0.22698	22.0873	46.24
37	0.27074	20.8372	41.25	0.23418	21.8816	45.29
38	0.27893	20.6031	40.32	0.24158	21.6701	44.33
39	0.28736	20.3624	39.40	0.24920	21.4526	43.38
40	0.29602	20.1151	38.47	0.25702	21.2290	42.43
41	0.30491	19.8611	37.55	0.26507	20.9992	41.48
42	0.31402	19.6008	36.63	0.27333	20.7633	40.54
43	0.32333	19.3348	35.72	0.28178	20.5217	39.60
44	0.33281	19.0640	34.82	0.29043	20.2748	38.67
45	0.34244	18.7889	33.92	0.29925	20.0227	37.74
46	0.35223	18.5092	33.03	0.30826	19.7652	36.81
47	0.36218	18.2249	32.15	0.31748	19.5020	35.90
48	0.37230	17.9359	31.27	0.32689	19.2332	34.98
49	0.38257	17.6424	30.41	0.33650	18.9587	34.08
50	0.39300	17.3445	29.55	0.34630	18.6786	33.17
51	0.40358	17.0423	28.70	0.35630	18.3930	32.28
52	0.41432	16.7355	27.86	0.36650	18.1016	31.39
53	0.42521	16.4243	27.03	0.37692	17.8039	30.51
54	0.43625	16.1089	26.21	0.38759	17.4992	29.63
55	0.44743	15.7895	25.39	0.39852	17.1870	28.75
56	0.45874	15.4665	24.59	0.40971	16.8671	27.88
57	0.47017	15.1399	23.79	0.42117	16.5398	27.01
58	0.48174	14.8094	23.01	0.43288	16.2053	26.15
59	0.49348	14.4740	22.23	0.44482	15.8643	25.30

**TABLE I.G. Single-life, 3½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
60	0.50543	14.1329	21.46	0.45697	15.5171	24.45
61	0.51758	13.7857	20.69	0.46934	15.1637	23.61
62	0.52995	13.4323	19.93	0.48193	14.8041	22.78
63	0.54252	13.0731	19.18	0.49473	14.4383	21.95
64	0.55528	12.7086	18.44	0.50775	14.0666	21.13
65	0.56819	12.3400	17.70	0.52095	13.6895	20.33
66	0.58119	11.9686	16.98	0.53430	13.3081	19.53
67	0.59425	11.5953	16.27	0.54776	12.9235	18.74
68	0.60739	11.2201	15.57	0.56135	12.5354	17.97
69	0.62061	10.8423	14.88	0.57508	12.1431	17.21
70	0.63393	10.4618	14.20	0.58896	11.7464	16.45
71	0.64734	10.0788	13.53	0.60298	11.3459	15.71
72	0.66082	9.6936	12.88	0.61710	10.9427	14.98
73	0.67432	9.3080	12.23	0.63129	10.5373	14.26
74	0.68779	8.9233	11.61	0.64553	10.1306	13.56
75	0.70117	8.5411	11.00	0.65979	9.7232	12.87
76	0.71448	8.1609	10.40	0.67405	9.3157	12.20
77	0.72774	7.7819	9.82	0.68831	8.9084	11.54
78	0.74086	7.4072	9.25	0.70250	8.5031	10.90
79	0.75382	7.0370	8.71	0.71657	8.1011	10.28
80	0.76657	6.6727	8.18	0.73053	7.7022	9.67
81	0.77908	6.3154	7.67	0.74438	7.3068	9.08
82	0.79130	5.9664	7.18	0.75807	6.9156	8.51
83	0.80327	5.6244	6.71	0.77156	6.5301	7.96
84	0.81506	5.2876	6.26	0.78477	6.1528	7.43
85	0.82623	4.9683	5.83	0.79752	5.7887	6.93
86	0.83691	4.6632	5.43	0.80974	5.4394	6.45
87	0.84708	4.3728	5.05	0.82148	5.1042	6.00
88	0.85672	4.0973	4.70	0.83270	4.7836	5.58
89	0.86584	3.8370	4.37	0.84339	4.4782	5.19

**TABLE I.G. Single-life, 3½ percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
90	0.87441	3.5919	4.07	0.85353	4.1885	4.81
91	0.88246	3.3620	3.78	0.86311	3.9147	4.47
92	0.88999	3.1471	3.52	0.87214	3.6570	4.15
93	0.89699	2.9470	3.28	0.88059	3.4154	3.85
94	0.90349	2.7612	3.06	0.88849	3.1897	3.57
95	0.90951	2.5894	2.85	0.89584	2.9798	3.32
96	0.91505	2.4311	2.67	0.90265	2.7853	3.08
97	0.92014	2.2855	2.49	0.90894	2.6057	2.87
98	0.92481	2.1523	2.34	0.91472	2.4405	2.68
99	0.92907	2.0305	2.20	0.92002	2.2891	2.50
100	0.93295	1.9197	2.07	0.92486	2.1507	2.34
101	0.93648	1.8190	1.96	0.92927	2.0248	2.19
102	0.93967	1.7278	1.85	0.93327	1.9105	2.06
103	0.94255	1.6454	1.76	0.93689	1.8071	1.94
104	0.94516	1.5711	1.68	0.94016	1.7137	1.84
105	0.94750	1.5042	1.60	0.94310	1.6297	1.74
106	0.94960	1.4441	1.53	0.94575	1.5542	1.66
107	0.95148	1.3902	1.47	0.94811	1.4866	1.58
108	0.95317	1.3420	1.42	0.95023	1.4261	1.51
109	0.95468	1.2989	1.37	0.95212	1.3722	1.45
110	0.95603	1.2604	1.33	0.95380	1.3241	1.40
111	0.95723	1.2261	1.29	0.95530	1.2813	1.35
112	0.95831	1.1954	1.26	0.95664	1.2431	1.31
113	0.95927	1.1678	1.23	0.95783	1.2089	1.27
114	0.96015	1.1426	1.20	0.95892	1.1779	1.24
115	0.96100	1.1185	1.17	0.95995	1.1484	1.21
116	0.96190	1.0926	1.14	0.96103	1.1175	1.17
117	0.96312	1.0579	1.11	0.96243	1.0777	1.13
118	0.96531	0.9954	1.04	0.96481	1.0095	1.05
119	0.97026	0.8541	0.88	0.97001	0.8612	0.89
120	0.98295	0.4918	0.50	0.98295	0.4915	0.50

**TABLE I.H. Single-life, 4 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
0	0.06982	23.2548	76.20	0.05578	23.6057	81.04
1	0.06626	23.3439	75.71	0.05264	23.6842	80.49
2	0.06848	23.2883	74.74	0.05436	23.6414	79.53
3	0.07091	23.2275	73.76	0.05631	23.5925	78.54
4	0.07352	23.1624	72.78	0.05840	23.5403	77.56
5	0.07629	23.0932	71.79	0.06060	23.4852	76.57
6	0.07918	23.0208	70.81	0.06291	23.4275	75.58
7	0.08221	22.9451	69.82	0.06532	23.3672	74.59
8	0.08538	22.8659	68.83	0.06784	23.3042	73.59
9	0.08870	22.7831	67.83	0.07047	23.2385	72.60
10	0.09216	22.6964	66.84	0.07321	23.1701	71.61
11	0.09578	22.6059	65.84	0.07606	23.0990	70.61
12	0.09954	22.5120	64.85	0.07901	23.0251	69.62
13	0.10341	22.4152	63.86	0.08207	22.9487	68.63
14	0.10736	22.3166	62.87	0.08522	22.8699	67.64
15	0.11135	22.2167	61.89	0.08847	22.7887	66.65
16	0.11540	22.1156	60.92	0.09181	22.7051	65.66
17	0.11950	22.0130	59.95	0.09526	22.6190	64.68
18	0.12366	21.9090	58.99	0.09881	22.5303	63.69
19	0.12788	21.8036	58.04	0.10247	22.4387	62.71
20	0.13216	21.6967	57.10	0.10625	22.3443	61.74
21	0.13649	21.5885	56.16	0.11015	22.2469	60.76
22	0.14088	21.4787	55.22	0.11417	22.1463	59.79
23	0.14537	21.3665	54.30	0.11832	22.0425	58.81
24	0.15000	21.2506	53.37	0.12263	21.9349	57.84
25	0.15483	21.1300	52.44	0.12709	21.8234	56.87
26	0.15986	21.0042	51.51	0.13172	21.7077	55.90
27	0.16511	20.8731	50.58	0.13652	21.5878	54.93
28	0.17057	20.7365	49.65	0.14149	21.4635	53.96
29	0.17625	20.5947	48.71	0.14664	21.3346	52.99

**TABLE I.H. Single-life, 4 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
30	0.18214	20.4474	47.78	0.15198	21.2012	52.02
31	0.18825	20.2947	46.85	0.15751	21.0631	51.05
32	0.19459	20.1363	45.92	0.16323	20.9201	50.09
33	0.20116	19.9719	44.98	0.16914	20.7723	49.12
34	0.20799	19.8014	44.05	0.17526	20.6194	48.16
35	0.21507	19.6244	43.12	0.18158	20.4613	47.20
36	0.22240	19.4411	42.18	0.18811	20.2981	46.24
37	0.22998	19.2515	41.25	0.19486	20.1296	45.29
38	0.23782	19.0556	40.32	0.20181	19.9556	44.33
39	0.24592	18.8532	39.40	0.20900	19.7761	43.38
40	0.25427	18.6444	38.47	0.21641	19.5907	42.43
41	0.26288	18.4293	37.55	0.22406	19.3995	41.48
42	0.27174	18.2079	36.63	0.23194	19.2025	40.54
43	0.28082	17.9809	35.72	0.24005	19.0000	39.60
44	0.29009	17.7491	34.82	0.24836	18.7923	38.67
45	0.29954	17.5128	33.92	0.25687	18.5796	37.74
46	0.30918	17.2720	33.03	0.26559	18.3616	36.81
47	0.31901	17.0264	32.15	0.27453	18.1381	35.90
48	0.32903	16.7760	31.27	0.28370	17.9089	34.98
49	0.33923	16.5209	30.41	0.29309	17.6741	34.08
50	0.34962	16.2612	29.55	0.30271	17.4338	33.17
51	0.36019	15.9969	28.70	0.31254	17.1880	32.28
52	0.37096	15.7279	27.86	0.32261	16.9363	31.39
53	0.38191	15.4542	27.03	0.33294	16.6782	30.51
54	0.39304	15.1759	26.21	0.34354	16.4131	29.63
55	0.40435	14.8933	25.39	0.35445	16.1405	28.75
56	0.41581	14.6067	24.59	0.36567	15.8602	27.88
57	0.42744	14.3161	23.79	0.37719	15.5722	27.01
58	0.43924	14.0211	23.01	0.38900	15.2769	26.15
59	0.45126	13.7208	22.23	0.40109	14.9748	25.30

**TABLE I.H. Single-life, 4 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
60	0.46351	13.4145	21.46	0.41344	14.6661	24.45
61	0.47603	13.1016	20.69	0.42605	14.3509	23.61
62	0.48881	12.7821	19.93	0.43892	14.0291	22.78
63	0.50185	12.4562	19.18	0.45207	13.7005	21.95
64	0.51512	12.1246	18.44	0.46547	13.3655	21.13
65	0.52858	11.7881	17.70	0.47911	13.0246	20.33
66	0.54218	11.4481	16.98	0.49295	12.6787	19.53
67	0.55589	11.1054	16.27	0.50695	12.3288	18.74
68	0.56971	10.7599	15.57	0.52112	11.9746	17.97
69	0.58367	10.4111	14.88	0.53548	11.6155	17.21
70	0.59777	10.0587	14.20	0.55006	11.2512	16.45
71	0.61201	9.7029	13.53	0.56482	10.8822	15.71
72	0.62636	9.3441	12.88	0.57973	10.5096	14.98
73	0.64077	8.9838	12.23	0.59476	10.1338	14.26
74	0.65519	8.6234	11.61	0.60989	9.7557	13.56
75	0.66956	8.2644	11.00	0.62509	9.3758	12.87
76	0.68388	7.9064	10.40	0.64033	8.9948	12.20
77	0.69820	7.5485	9.82	0.65561	8.6129	11.54
78	0.71239	7.1938	9.25	0.67087	8.2317	10.90
79	0.72644	6.8425	8.71	0.68603	7.8526	10.28
80	0.74031	6.4958	8.18	0.70112	7.4755	9.67
81	0.75394	6.1551	7.67	0.71612	7.1005	9.08
82	0.76729	5.8215	7.18	0.73100	6.7287	8.51
83	0.78040	5.4939	6.71	0.74570	6.3612	7.96
84	0.79333	5.1705	6.26	0.76012	6.0008	7.43
85	0.80563	4.8633	5.83	0.77407	5.6521	6.93
86	0.81739	4.5692	5.43	0.78747	5.3170	6.45
87	0.82861	4.2888	5.05	0.80037	4.9947	6.00
88	0.83927	4.0223	4.70	0.81273	4.6858	5.58
89	0.84936	3.7701	4.37	0.82452	4.3911	5.19

**TABLE I.H. Single-life, 4 percent, showing the present worth of a reversionary interest and of an annuity, or life interest, on the basis of 2010 United States population mortality**

x	Male			Female		
	$A_x$	$a_x$	$e_x$	$A_x$	$a_x$	$e_x$
Age nearest birthday	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life	Reversion or present value of one dollar due immediately upon death of a person of specified age	Annuity or present value of \$1.00 per annum payable annually during the life of a person of specified age	Expectation of life
①	②	③	④	⑤	⑥	⑦
90	0.85888	3.5323	4.07	0.83573	4.1110	4.81
91	0.86782	3.3089	3.78	0.84634	3.8458	4.47
92	0.87618	3.0997	3.52	0.85634	3.5957	4.15
93	0.88399	2.9047	3.28	0.86573	3.3610	3.85
94	0.89124	2.7235	3.06	0.87452	3.1414	3.57
95	0.89795	2.5557	2.85	0.88270	2.9369	3.32
96	0.90414	2.4008	2.67	0.89029	2.7471	3.08
97	0.90984	2.2584	2.49	0.89731	2.5717	2.87
98	0.91507	2.1278	2.34	0.90377	2.4101	2.68
99	0.91984	2.0085	2.20	0.90970	2.2619	2.50
100	0.92419	1.8997	2.07	0.91512	2.1264	2.34
101	0.92815	1.8008	1.96	0.92006	2.0029	2.19
102	0.93173	1.7112	1.85	0.92455	1.8907	2.06
103	0.93498	1.6302	1.76	0.92862	1.7891	1.94
104	0.93790	1.5570	1.68	0.93229	1.6974	1.84
105	0.94054	1.4912	1.60	0.93559	1.6147	1.74
106	0.94290	1.4320	1.53	0.93856	1.5405	1.66
107	0.94503	1.3790	1.47	0.94123	1.4739	1.58
108	0.94693	1.3315	1.42	0.94361	1.4144	1.51
109	0.94863	1.2890	1.37	0.94574	1.3612	1.45
110	0.95015	1.2510	1.33	0.94763	1.3138	1.40
111	0.95150	1.2171	1.29	0.94932	1.2716	1.35
112	0.95271	1.1869	1.26	0.95083	1.2339	1.31
113	0.95380	1.1596	1.23	0.95218	1.2002	1.27
114	0.95480	1.1348	1.20	0.95340	1.1696	1.24
115	0.95575	1.1110	1.17	0.95456	1.1406	1.21
116	0.95676	1.0856	1.14	0.95578	1.1102	1.17
117	0.95813	1.0514	1.11	0.95735	1.0710	1.13
118	0.96059	0.9899	1.04	0.96003	1.0038	1.05
119	0.96618	0.8501	0.88	0.96590	0.8573	0.89
120	0.98058	0.4900	0.50	0.98058	0.4903	0.50