

Appendix 2A

ILLUSTRATIVE LIFE TABLE

Illustrative Life Table: Basic Functions

Age	l_x	d_x	1,000 q_x
0	100 000.00	2 042.1700	20.4217
1	97 957.83	131.5672	1.3431
2	97 826.26	119.7100	1.2237
3	97 706.55	109.8124	1.1239
4	97 596.74	101.7056	1.0421
5	97 495.03	95.2526	0.9770
6	97 399.78	90.2799	0.9269
7	97 309.50	86.6444	0.8904
8	97 222.86	84.1950	0.8660
9	97 138.66	82.7816	0.8522
10	97 055.88	82.2549	0.8475
11	96 973.63	82.4664	0.8504
12	96 891.16	83.2842	0.8594
13	96 807.88	84.5180	0.8730
14	96 723.36	86.0611	0.8898
15	96 637.30	87.7559	0.9081
16	96 549.54	89.6167	0.9282
17	96 459.92	91.6592	0.9502
18	96 368.27	93.9005	0.9744
19	96 274.36	96.3596	1.0009
20	96 178.01	99.0569	1.0299
21	96 078.95	102.0149	1.0618
22	95 976.93	105.2582	1.0967
23	95 871.68	108.8135	1.1350
24	95 762.86	112.7102	1.1770
25	95 650.15	116.9802	1.2330
26	95 533.17	121.6585	1.2735
27	95 411.51	126.7830	1.3288
28	95 284.73	132.3953	1.3895
29	95 152.33	138.5406	1.4560

Illustrative Life Table: Basic Functions

Age	l_x	d_x	1,000 q_x
30	95 013.79	145.2682	1.5289
31	94 868.53	152.6317	1.6089
32	94 715.89	160.6896	1.6965
33	94 555.20	169.5052	1.7927
34	94 385.70	179.1475	1.8980
35	94 206.55	189.6914	2.0136
36	94 016.86	201.2179	2.1402
37	93 815.64	213.8149	2.2791
38	93 601.83	227.5775	2.4313
39	93 374.25	242.6085	2.5982
40	93 131.64	259.0186	2.7812
41	92 872.62	276.9271	2.9818
42	92 595.70	296.4623	3.2017
43	92 299.23	317.7619	3.4427
44	91 981.47	340.9730	3.7070
45	91 640.50	366.2529	3.9966
46	91 274.25	393.7687	4.3141
47	90 880.48	423.6978	4.6621
48	90 456.78	456.2274	5.0436
49	90 000.55	491.5543	5.4617
50	89 509.00	529.8844	5.9199
51	88 979.11	571.4316	6.4221
52	88 407.68	616.4165	6.9724
53	87 791.26	665.0646	7.5755
54	87 126.20	717.6041	8.2364
55	86 408.60	774.2626	8.9605
56	85 634.33	835.2636	9.7538
57	84 799.07	900.8215	10.6230
58	83 898.25	971.1358	11.5752
59	82 927.11	1 046.3843	12.6181
60	81 880.73	1 126.7146	13.7604
61	80 754.01	1 212.2343	15.0114
62	79 541.78	1 302.9994	16.3813
63	78 238.78	1 399.0010	17.8812
64	76 839.78	1 500.1504	19.5231
65	75 339.63	1 606.2618	21.3203
66	73 733.37	1 717.0334	23.2871
67	72 016.33	1 832.0273	25.4391
68	70 184.31	1 950.6476	27.7932
69	68 233.66	2 072.1177	30.3680

Illustrative Life Table: Basic Functions

Age	l_x	d_x	1,000 q_x
70	66 161.54	2 195.4578	33.1833
71	63 966.08	2 319.4639	36.2608
72	61 646.62	2 442.6884	39.6240
73	59 203.93	2 563.4258	43.2982
74	56 640.51	2 679.7050	47.3108
75	53 960.80	2 789.2905	51.6911
76	51 171.51	2 889.6965	56.4708
77	48 281.81	2 978.2164	61.6840
78	45 303.60	3 051.9717	67.3671
79	42 251.62	3 107.9833	73.5589
80	39 143.64	3 143.2679	80.3009
81	36 000.37	3 154.9603	87.6369
82	32 845.41	3 140.4624	95.6134
83	29 704.95	3 097.6146	104.2794
84	26 607.34	3 024.8830	113.6860
85	23 582.45	2 921.5530	123.8867
86	20 660.90	2 787.9129	134.9367
87	17 872.99	2 625.4088	146.8926
88	15 247.58	2 436.7474	159.8121
89	12 810.83	2 225.9244	173.7533
90	10 584.91	1 998.1533	188.7738
91	8 586.75	1 759.6818	204.9298
92	6 827.07	1 517.4869	222.2749
93	5 309.58	1 278.8606	240.8589
94	4 030.72	1 050.9136	260.7257
95	2 979.81	840.0452	281.9122
96	2 139.77	651.4422	304.4456
97	1 488.32	488.6776	328.3410
98	999.65	353.4741	353.5993
99	646.17	245.6772	380.2041
100	400.49	163.4494	408.1188
101	237.05	103.6560	437.2837
102	133.39	62.3746	467.6133
103	71.01	35.4358	498.9935
104	35.58	18.9023	531.2793
105	16.68	9.4105	564.2937
106	7.27	4.3438	597.8266
107	2.92	1.8458	631.6360
108	1.08	0.7163	665.4495
109	0.36	0.2517	698.9685
110	0.11	0.0793	731.8742

Illustrative Life Table: Single Life Actuarial Functions, $i = 0.06$

Age	\ddot{a}_x	1,000 A_x	1,000 (2A_x)
0	16.80096	49.0025	25.9210
1	17.09819	32.1781	8.8845
2	17.08703	32.8097	8.6512
3	17.07314	33.5957	8.5072
4	17.05670	34.5264	8.4443
5	17.03786	35.5930	8.4547
6	17.01675	36.7875	8.5310
7	16.99351	38.1031	8.6666
8	16.96823	39.5341	8.8553
9	16.94100	41.0757	9.0917
10	16.91187	42.7245	9.3712
11	16.88089	44.4782	9.6902
12	16.84807	46.3359	10.0460
13	16.81340	48.2981	10.4373
14	16.77685	50.3669	10.8638
15	16.73836	52.5459	11.3268
16	16.69782	54.8404	11.8295
17	16.65515	57.2558	12.3749
18	16.61024	59.7977	12.9665
19	16.56299	62.4720	13.6080
20	16.51330	65.2848	14.3034
21	16.46105	68.2423	15.0569
22	16.40614	71.3508	15.8730
23	16.34843	74.6170	16.7566
24	16.28783	78.0476	17.7128
25	16.22419	81.6496	18.7472
26	16.15740	85.4300	19.8657
27	16.08733	89.3962	21.0744
28	16.01385	93.5555	22.3802
29	15.93683	97.9154	23.7900
30	15.85612	102.4835	25.3113
31	15.77161	107.2676	26.9520
32	15.68313	112.2754	28.7206
33	15.59057	117.5148	30.6259
34	15.49378	122.9935	32.6772
35	15.39262	128.7194	34.8843
36	15.28696	134.7002	37.2574
37	15.17666	140.9437	39.8074
38	15.06159	147.4572	42.5455
39	14.94161	154.2484	45.4833

Illustrative Life Table: Single Life Actuarial Functions, $i = 0.06$

Age	\ddot{a}_x	1,000 A_x	1,000 (2A_x)
40	14.81661	161.3242	48.6332
41	14.68645	168.6916	52.0077
42	14.55102	176.3572	55.6199
43	14.41022	184.3271	59.4833
44	14.26394	192.6071	63.6117
45	14.11209	201.2024	68.0193
46	13.95459	210.1176	72.7205
47	13.79136	219.3569	77.7299
48	13.62235	228.9234	83.0624
49	13.44752	238.8198	88.7329
50	13.26683	249.0475	94.7561
51	13.08027	259.6073	101.1469
52	12.88785	270.4988	107.9196
53	12.68960	281.7206	115.0885
54	12.48556	293.2700	122.6672
55	12.27581	305.1431	130.6687
56	12.06042	317.3346	139.1053
57	11.83953	329.8381	147.9883
58	11.61327	342.6452	157.3280
59	11.38181	355.7466	167.1332
60	11.14535	369.1310	177.4113
61	10.90412	382.7858	188.1682
62	10.65836	396.6965	199.4077
63	10.40837	410.8471	211.1318
64	10.15444	425.2202	223.3401
65	9.89693	439.7965	236.0299
66	9.63619	454.5553	249.1958
67	9.37262	469.4742	262.8299
68	9.10664	484.5296	276.9212
69	8.83870	499.6963	291.4559
70	8.56925	514.9481	306.4172
71	8.29879	530.2574	321.7850
72	8.02781	545.5957	337.5361
73	7.75683	560.9339	353.6443
74	7.48639	576.2419	370.0803
75	7.21702	591.4895	386.8119
76	6.94925	606.6460	403.8038
77	6.68364	621.6808	421.0184
78	6.42071	636.5634	438.4155
79	6.16101	651.2639	455.9527

Illustrative Life Table: Single Life Actuarial Functions, $i = 0.06$

Age	\ddot{a}_x	1,000 A_x	1,000 (2A_x)
80	5.90503	665.7528	473.5861
81	5.65330	680.0019	491.2698
82	5.40629	693.9837	508.9574
83	5.16446	707.6723	526.6012
84	4.92824	721.0431	544.1537
85	4.69803	734.0736	561.5675
86	4.47421	746.7428	578.7956
87	4.25710	759.0320	595.7923
88	4.04700	770.9244	612.5133
89	3.84417	782.4056	628.9163
90	3.64881	793.4636	644.9611
91	3.46110	804.0884	660.6105
92	3.28118	814.2726	675.8298
93	3.10914	824.0111	690.5878
94	2.94502	833.3007	704.8565
95	2.78885	842.1408	718.6115
96	2.64059	850.5325	731.8321
97	2.50020	858.4791	744.5010
98	2.36759	865.9853	756.6047
99	2.24265	873.0577	768.1330
100	2.12522	879.7043	779.0793
101	2.01517	885.9341	789.4400
102	1.91229	891.7573	799.2147
103	1.81639	897.1852	808.4054
104	1.72728	902.2295	817.0170
105	1.64472	906.9025	825.0563
106	1.56850	911.2170	832.5324
107	1.49838	915.1860	839.4558
108	1.43414	918.8224	845.8386
109	1.37553	922.1396	851.6944
110	1.32234	925.1507	857.0377