

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

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

Age	\ddot{a}_{xx}	1,000 A_{xx}	1,000 (${}^2A_{xx}$)	\ddot{a}_{xx+10}	1,000 A_{xx+10}	1,000 (${}^2A_{xx+10}$)
0	16.13448	86.7274	50.8875	16.28443	78.2400	34.7076
1	16.71842	53.6745	17.4565	16.55328	63.0218	18.1309
2	16.70637	54.3565	16.9753	16.52270	64.7527	18.2195
3	16.68957	55.3072	16.6683	16.48839	66.6947	18.4277
4	16.66839	56.5060	16.5191	16.45053	68.8378	18.7468
5	16.64317	57.9339	16.5121	16.40925	71.1745	19.1700
6	16.61421	59.5733	16.6324	16.36464	73.6996	19.6923
7	16.58178	61.4085	16.8664	16.31677	76.4091	20.3096
8	16.54614	63.4258	17.2017	16.26571	79.2997	21.0188
9	16.50749	65.6137	17.6271	16.21147	82.3696	21.8172
10	16.46599	67.9626	18.1330	16.15408	85.6181	22.7036
11	16.42178	70.4655	18.7116	16.09353	89.0457	23.6776
12	16.37492	73.1176	19.3572	16.02977	92.6543	24.7402
13	16.32547	75.9170	20.0661	15.96277	96.4469	25.8935
14	16.27340	78.8643	20.8373	15.89244	100.4282	27.1413
15	16.21865	81.9632	21.6726	15.81866	104.6042	28.4891
16	16.16111	85.2203	22.5769	15.74131	108.9826	29.9441
17	16.10065	88.6424	23.5556	15.66025	113.5710	31.5141
18	16.03715	92.2366	24.6142	15.57534	118.3771	33.2071
19	15.97049	96.0099	25.7588	15.48645	123.4087	35.0317
20	15.90053	99.9697	26.9958	15.39343	128.6737	36.9970
21	15.82715	104.1234	28.3320	15.29615	134.1800	39.1126
22	15.75021	108.4786	29.7746	15.19448	139.9353	41.3884
23	15.66958	113.0429	31.3311	15.08826	145.9474	43.8349
24	15.58511	117.8241	33.0098	14.97738	152.2240	46.4632
25	15.49667	122.8299	34.8192	14.86169	158.7725	49.2847
26	15.40413	128.0682	36.7681	14.74106	165.6003	52.3114
27	15.30734	133.5468	38.8662	14.61538	172.7144	55.5555
28	15.20617	139.2737	41.1234	14.48452	180.1217	59.0301
29	15.10047	145.2564	43.5502	14.34836	187.8286	62.7483
30	14.99012	151.5028	46.1574	14.20681	195.8411	66.7238
31	14.87498	158.0203	48.9566	14.05976	204.1648	70.9706
32	14.75491	164.8162	51.9595	13.90712	212.8047	75.5028
33	14.62981	171.8977	55.1785	13.74882	221.7652	80.3352
34	14.44953	179.2716	58.6264	13.58478	231.0501	85.4824
35	14.36398	186.9444	62.3164	13.41497	240.6623	90.9593
36	14.22304	194.9221	66.2622	13.23933	250.6040	96.7805
37	14.07662	203.2104	70.4777	13.05785	260.8765	102.9610
38	13.92461	211.8144	74.9770	12.87052	271.4799	109.5154
39	13.76695	220.7386	79.7749	12.67736	282.4136	116.4579

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

Age	\ddot{a}_{xx}	1,000 A_{xx}	1,000 (${}^2A_{xx}$)	\ddot{a}_{xx+10}	1,000 A_{xx+10}	1,000 (${}^2A_{xx+10}$)
40	13.60357	229.9867	84.8858	12.47840	293.6755	123.8024
41	13.43441	239.5619	90.3247	12.27370	305.2625	131.5623
42	13.25943	249.4664	96.1064	12.06333	317.1700	139.7502
43	13.07861	259.7015	102.2457	11.84740	329.3924	148.3778
44	12.89194	270.2677	108.7571	11.62604	341.9222	157.4559
45	12.69943	281.1642	115.6552	11.39940	354.7507	166.9939
46	12.50112	292.3892	122.9537	11.16767	367.8678	177.0001
47	12.29706	303.9398	130.6661	10.93105	381.2615	187.4810
48	12.08733	315.8114	138.8051	10.68978	394.9184	198.4414
49	11.87202	327.9986	147.3826	10.44412	408.8233	209.8841
50	11.65127	340.4941	156.4093	10.19438	422.9597	221.8099
51	11.42522	353.2895	165.8951	9.94087	437.3092	234.2171
52	11.19405	366.3746	175.8482	9.68395	451.8518	247.1016
53	10.95797	379.7377	186.2752	9.42400	466.5661	260.4567
54	10.71721	393.3656	197.1814	9.16142	481.4292	274.2728
55	10.47203	407.2435	208.5696	8.89664	496.4168	288.5375
56	10.22273	421.3546	220.4410	8.63011	511.5030	303.2353
57	9.96964	435.6810	232.7940	8.36232	526.6612	318.3475
58	9.71308	450.2029	245.6250	8.09375	541.8633	333.8526
59	9.45345	464.8990	258.9275	7.82491	557.0805	349.7258
60	9.19114	479.7465	272.6922	7.55633	572.2833	365.9390
61	8.92659	494.7213	286.9070	7.28853	587.4417	382.4614
62	8.66024	509.7977	301.5568	7.02206	602.5251	399.2593
63	8.39257	524.9491	316.6234	6.75745	617.5030	416.2961
64	8.12406	540.1477	332.0853	6.49524	632.3449	433.5327
65	7.85522	555.3647	347.9183	6.23597	647.0206	450.9279
66	7.58658	570.5707	364.0947	5.98016	661.5006	468.4383
67	7.31867	585.7356	380.5839	5.72831	675.7560	486.0192
68	7.05202	600.8289	397.3525	5.48092	689.7590	503.6243
69	6.78718	615.8203	414.3642	5.23847	703.4830	521.2065
70	6.52467	630.6790	431.5803	5.00138	716.9030	538.7185
71	6.26504	645.3750	448.9598	4.77008	729.9954	556.1128
72	6.00881	659.8785	466.4595	4.54495	742.7386	573.3422
73	5.75650	674.1606	484.0346	4.32634	755.1127	590.3606
74	5.50858	688.1934	501.6393	4.11456	767.1002	607.1233
75	5.26555	701.9503	519.2266	3.90989	778.6857	623.5869
76	5.02783	715.4057	536.7489	3.71254	789.8559	639.7107
77	4.79586	728.5362	554.1588	3.52273	800.6001	655.4561
78	4.57002	741.3197	571.4091	3.34060	810.9096	670.7874
79	4.35066	753.7364	588.4536	3.16625	820.7782	685.6720

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

Age	\ddot{a}_{xx}	1,000 A_{xx}	1,000 (${}^2A_{xx}$)	\ddot{a}_{xx+10}	1,000 A_{xx+10}	1,000 (${}^2A_{xx+10}$)
80	4.13809	765.7683	605.2473	2.99977	830.2020	700.0806
81	3.93260	777.3999	621.7467	2.84117	839.1791	713.9874
82	3.73442	788.6175	637.9108	2.69046	847.7098	727.3701
83	3.54375	799.4102	653.7007	2.54760	855.7965	740.2101
84	3.36075	809.7690	669.0804	2.41251	863.4431	752.4921
85	3.18552	819.6876	684.0169	2.28509	870.6554	764.2049
86	3.01814	829.1617	698.4806	2.16521	877.4407	775.3401
87	2.85866	838.1892	712.4451	2.05273	883.8075	785.8931
88	2.70706	846.7701	725.8879	1.94748	889.7655	795.8619
89	2.56332	854.9067	738.7899	1.84925	895.3253	805.2478
90	2.42735	862.6027	751.1355	1.75786	900.4984	814.0543
91	2.29908	869.8636	762.9129	1.67309	905.2969	822.2875
92	2.17836	876.6967	774.1136	1.59471	909.7331	829.9554
93	2.06505	883.1102	784.7323	1.52251	913.8199	837.0680
94	1.95899	889.1137	794.7670	1.45626	917.5703	843.6367
95	1.85998	894.7179	804.2185	1.39571	920.9973	849.6744
96	1.76783	899.9341	813.0901	1.34065	924.1140	855.1951
97	1.68232	904.7742	821.3876	1.29084	926.9335	860.2140
98	1.60324	909.2506	829.1188	1.24605	929.4689	864.7475
99	1.53035	913.3762	836.2934	1.20604	931.7333	868.8126
100	1.46344	917.1638	842.9228	1.17060	933.7399	872.4279
101	1.40226	920.6266	849.0197	1.13946	935.5020	875.6129
102	1.34659	923.7777	854.5980	1.11241	937.0336	878.3888
103	1.29620	926.6301	859.6727	1.08917	938.3489	880.7785
104	1.25086	929.1969	864.2600	1.06949	939.4630	882.8066
105	1.21032	931.4911	868.3771	1.05308	940.3917	884.5002
106	1.17437	933.5261	872.0421	1.03965	941.1518	885.8881
107	1.14277	935.3151	875.2746	1.02889	941.7609	887.0017
108	1.11526	936.8720	878.0956	1.02047	942.2374	887.8735
109	1.09161	938.2110	880.5276	1.01406	942.6001	888.5376
110	1.07154	939.3470	882.5952	1.00934	942.8678	889.0280