



GUIDANCE DATE: 4/5/2022

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2022 Q2
 2012 IAR TABLE @ 3.00% for Age < 70, 2.75% for Age = 70-79, 2.50% for Age = 80-89, and 2.25% for Age = 90⁺**

<u>MALE</u>				<u>FEMALE</u>			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	30.80	31.28	30.76	0	30.96	31.45	30.68
1	30.76	31.23	30.79	1	30.93	31.40	30.70
2	30.68	31.15	30.83	2	30.87	31.33	30.74
3	30.61	31.07	30.87	3	30.79	31.26	30.78
4	30.52	30.98	30.92	4	30.72	31.18	30.82
5	30.43	30.89	30.96	5	30.64	31.10	30.86
6	30.34	30.80	31.01	6	30.55	31.01	30.90
7	30.25	30.71	31.06	7	30.47	30.92	30.95
8	30.15	30.61	31.12	8	30.38	30.83	31.00
9	30.05	30.50	31.17	9	30.28	30.74	31.05
10	29.95	30.40	31.23	10	30.19	30.64	31.10
11	29.84	30.29	31.29	11	30.09	30.54	31.15
12	29.73	30.17	31.35	12	29.99	30.44	31.21
13	29.61	30.06	31.41	13	29.88	30.33	31.27
14	29.49	29.94	31.48	14	29.77	30.22	31.33
15	29.37	29.81	31.55	15	29.66	30.11	31.39
16	29.25	29.69	31.62	16	29.54	29.99	31.45
17	29.12	29.56	31.69	17	29.43	29.87	31.52
18	28.99	29.43	31.77	18	29.30	29.75	31.59
19	28.85	29.29	31.85	19	29.18	29.62	31.66
20	28.72	29.15	31.93	20	29.05	29.49	31.73

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
21	28.57	29.01	32.02	21	28.92	29.36	31.81
22	28.43	28.86	32.10	22	28.78	29.22	31.89
23	28.28	28.71	32.19	23	28.64	29.07	31.98
24	28.13	28.55	32.29	24	28.49	28.93	32.07
25	27.97	28.40	32.39	25	28.34	28.77	32.16
26	27.81	28.23	32.49	26	28.19	28.62	32.25
27	27.64	28.06	32.60	27	28.03	28.45	32.35
28	27.47	27.89	32.71	28	27.86	28.29	32.46
29	27.29	27.71	32.82	29	27.69	28.11	32.57
30	27.11	27.53	32.94	30	27.52	27.93	32.68
31	26.93	27.34	33.07	31	27.34	27.75	32.80
32	26.73	27.14	33.20	32	27.15	27.56	32.92
33	26.53	26.94	33.34	33	26.96	27.37	33.05
34	26.33	26.73	33.48	34	26.76	27.17	33.19
35	26.11	26.52	33.64	35	26.56	26.96	33.33
36	25.89	26.29	33.80	36	26.34	26.74	33.47
37	25.67	26.06	33.97	37	26.13	26.52	33.63
38	25.43	25.82	34.14	38	25.90	26.30	33.79
39	25.19	25.57	34.33	39	25.67	26.06	33.96
40	24.94	25.32	34.53	40	25.44	25.82	34.14
41	24.68	25.06	34.73	41	25.19	25.58	34.33
42	24.41	24.79	34.95	42	24.94	25.32	34.52
43	24.14	24.52	35.17	43	24.69	25.06	34.73
44	23.86	24.23	35.41	44	24.42	24.80	34.94
45	23.57	23.94	35.66	45	24.15	24.52	35.17
46	23.28	23.64	35.93	46	23.87	24.23	35.41
47	22.97	23.33	36.21	47	23.58	23.94	35.66
48	22.66	23.02	36.50	48	23.28	23.64	35.93
49	22.34	22.70	36.81	49	22.97	23.33	36.21
50	22.02	22.37	37.13	50	22.66	23.01	36.51
51	21.69	22.03	37.47	51	22.34	22.69	36.82
52	21.35	21.69	37.83	52	22.01	22.35	37.15
53	21.00	21.34	38.21	53	21.67	22.01	37.49
54	20.65	20.98	38.61	54	21.33	21.66	37.86
55	20.28	20.62	39.03	55	20.97	21.30	38.25
56	19.91	20.24	39.48	56	20.61	20.94	38.66
57	19.54	19.86	39.95	57	20.23	20.56	39.10
58	19.15	19.47	40.46	58	19.85	20.18	39.56
59	18.75	19.07	40.99	59	19.47	19.79	40.05
60	18.35	18.67	41.56	60	19.07	19.39	40.57
61	17.94	18.26	42.17	61	18.67	18.98	41.12

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
62	17.53	17.84	42.81	62	18.26	18.57	41.70
63	17.11	17.41	43.49	63	17.85	18.16	42.31
64	16.68	16.98	44.22	64	17.43	17.74	42.97
65	16.25	16.55	44.99	65	17.01	17.31	43.66
66	15.81	16.10	45.83	66	16.58	16.88	44.41
67	15.36	15.65	46.73	67	16.14	16.43	45.21
68	14.90	15.19	47.70	68	15.69	15.98	46.07
69	14.43	14.71	48.76	69	15.24	15.52	46.99
70	14.31	14.58	47.86	70	15.17	15.44	45.95
71	13.80	14.07	49.10	71	14.67	14.94	47.03
72	13.29	13.55	50.45	72	14.17	14.44	48.19
73	12.77	13.04	51.92	73	13.67	13.93	49.46
74	12.25	12.51	53.52	74	13.15	13.41	50.84
75	11.73	11.99	55.26	75	12.64	12.89	52.35
76	11.21	11.47	57.16	76	12.11	12.37	54.00
77	10.69	10.95	59.24	77	11.59	11.84	55.80
78	10.17	10.43	61.52	78	11.06	11.31	57.78
79	9.65	9.91	64.02	79	10.53	10.78	59.96
80	9.30	9.55	64.69	80	10.19	10.43	60.28
81	8.77	9.03	67.71	81	9.64	9.89	62.90
82	8.26	8.52	71.00	82	9.11	9.36	65.76
83	7.76	8.03	74.63	83	8.59	8.84	68.88
84	7.27	7.54	78.64	84	8.08	8.35	72.25
85	6.79	7.07	83.05	85	7.59	7.86	75.92
86	6.33	6.62	87.91	86	7.12	7.40	79.90
87	5.88	6.18	93.21	87	6.67	6.96	84.18
88	5.46	5.77	99.02	88	6.24	6.54	88.78
89	5.06	5.38	105.33	89	5.83	6.14	93.77
90	4.73	5.06	109.93	90	5.50	5.82	97.04
91	4.37	4.71	117.21	91	5.12	5.44	102.95
92	4.04	4.39	125.02	92	4.75	5.08	109.47
93	3.73	4.09	133.25	93	4.40	4.74	116.68
94	3.45	3.82	141.92	94	4.06	4.41	124.60
95	3.19	3.58	150.90	95	3.74	4.10	133.16
96	2.96	3.35	160.58	96	3.44	3.81	142.27
97	2.73	3.12	171.18	97	3.17	3.55	151.86
98	2.52	2.92	182.39	98	2.93	3.31	162.16
99	2.32	2.73	194.26	99	2.69	3.08	173.21
100	2.14	2.55	206.95	100	2.48	2.87	185.17
101	1.97	2.39	220.62	101	2.27	2.67	198.18
102	1.81	2.24	234.40	102	2.08	2.49	211.68

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
103	1.67	2.11	247.83	103	1.91	2.33	225.43
104	1.55	2.01	259.87	104	1.76	2.20	238.88
105	1.47	1.94	268.44	105	1.63	2.08	251.22
106	1.42	1.92	271.68	106	1.53	1.99	261.88
107	1.42	1.92	271.78	107	1.46	1.94	269.25
108	1.42	1.92	271.96	108	1.42	1.92	271.96
109	1.42	1.91	272.27	109	1.42	1.91	272.27
110	1.41	1.91	272.79	110	1.41	1.91	272.79
111	1.41	1.90	273.69	111	1.41	1.90	273.69
112	1.40	1.89	275.24	112	1.40	1.89	275.24
113	1.39	1.87	277.92	113	1.39	1.87	277.92
114	1.36	1.84	282.61	114	1.36	1.84	282.61
115	1.32	1.79	291.00	115	1.32	1.79	291.00
116	1.25	1.69	306.55	116	1.25	1.69	306.55
117	1.13	1.53	337.46	117	1.13	1.53	337.46
118	0.93	1.26	408.28	118	0.93	1.26	408.28
119	0.59	0.79	641.33	119	0.59	0.79	641.33
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2022 Q1**

2012 IAR TABLE @ 2.50% for Age < 70, 2.00% for Age = 70-79, 1.75% for Age = 80-89, and 1.25% for Age = 90+

MALE				FEMALE			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	35.46	35.93	26.26	0	35.69	36.16	26.17
1	35.39	35.83	26.30	1	35.63	36.08	26.20
2	35.27	35.72	26.34	2	35.52	35.97	26.25
3	35.15	35.60	26.39	3	35.41	35.86	26.29
4	35.03	35.47	26.44	4	35.29	35.74	26.34
5	34.90	35.34	26.50	5	35.17	35.61	26.39
6	34.76	35.20	26.55	6	35.05	35.49	26.44
7	34.62	35.06	26.61	7	34.92	35.36	26.49
8	34.48	34.92	26.67	8	34.78	35.22	26.54
9	34.34	34.77	26.73	9	34.65	35.08	26.60
10	34.18	34.61	26.79	10	34.51	34.94	26.66
11	34.03	34.46	26.86	11	34.36	34.79	26.72
12	33.87	34.29	26.93	12	34.21	34.64	26.78
13	33.70	34.13	27.00	13	34.06	34.49	26.84
14	33.54	33.96	27.07	14	33.90	34.33	26.91
15	33.37	33.79	27.15	15	33.74	34.17	26.98
16	33.19	33.61	27.22	16	33.58	34.00	27.05
17	33.01	33.43	27.30	17	33.41	33.83	27.13
18	32.83	33.25	27.39	18	33.24	33.66	27.20
19	32.64	33.06	27.47	19	33.06	33.48	27.28
20	32.45	32.87	27.56	20	32.88	33.30	27.36
21	32.26	32.67	27.65	21	32.70	33.11	27.45
22	32.06	32.47	27.75	22	32.51	32.92	27.53
23	31.86	32.26	27.84	23	32.31	32.72	27.63
24	31.65	32.05	27.95	24	32.11	32.52	27.72
25	31.43	31.83	28.05	25	31.91	32.31	27.82
26	31.21	31.61	28.16	26	31.70	32.10	27.92
27	30.99	31.39	28.28	27	31.48	31.88	28.03
28	30.76	31.16	28.39	28	31.26	31.65	28.14
29	30.53	30.92	28.52	29	31.03	31.42	28.26
30	30.29	30.68	28.64	30	30.80	31.19	28.38
31	30.04	30.43	28.78	31	30.56	30.94	28.50
32	29.79	30.17	28.92	32	30.31	30.70	28.64
33	29.53	29.91	29.06	33	30.06	30.44	28.77

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
34	29.26	29.64	29.22	34	29.80	30.18	28.91
35	28.99	29.36	29.37	35	29.54	29.91	29.06
36	28.71	29.08	29.54	36	29.26	29.64	29.22
37	28.42	28.78	29.72	37	28.98	29.35	29.38
38	28.12	28.48	29.90	38	28.70	29.06	29.55
39	27.81	28.17	30.10	39	28.41	28.77	29.73
40	27.50	27.85	30.30	40	28.11	28.46	29.91
41	27.17	27.53	30.51	41	27.80	28.15	30.11
42	26.84	27.19	30.73	42	27.48	27.84	30.31
43	26.51	26.85	30.97	43	27.16	27.51	30.52
44	26.16	26.50	31.21	44	26.83	27.18	30.74
45	25.81	26.15	31.47	45	26.50	26.84	30.98
46	25.45	25.78	31.74	46	26.15	26.49	31.22
47	25.08	25.41	32.03	47	25.79	26.13	31.48
48	24.70	25.03	32.32	48	25.43	25.76	31.76
49	24.32	24.64	32.64	49	25.06	25.39	32.04
50	23.93	24.25	32.97	50	24.68	25.00	32.34
51	23.53	23.85	33.31	51	24.29	24.61	32.66
52	23.13	23.44	33.68	52	23.90	24.21	33.00
53	22.72	23.03	34.06	53	23.50	23.81	33.35
54	22.30	22.61	34.46	54	23.08	23.39	33.72
55	21.87	22.18	34.89	55	22.67	22.97	34.11
56	21.44	21.74	35.34	56	22.24	22.54	34.53
57	21.00	21.30	35.83	57	21.80	22.10	34.97
58	20.55	20.84	36.33	58	21.36	21.65	35.44
59	20.09	20.38	36.87	59	20.91	21.20	35.93
60	19.63	19.92	37.45	60	20.45	20.74	36.45
61	19.16	19.45	38.06	61	19.99	20.27	37.01
62	18.69	18.97	38.70	62	19.52	19.80	37.59
63	18.21	18.49	39.39	63	19.05	19.33	38.21
64	17.72	18.00	40.12	64	18.57	18.85	38.87
65	17.24	17.51	40.90	65	18.09	18.37	39.57
66	16.74	17.01	41.73	66	17.60	17.88	40.32
67	16.24	16.51	42.64	67	17.11	17.38	41.12
68	15.73	15.99	43.61	68	16.61	16.87	41.98
69	15.21	15.47	44.67	69	16.10	16.36	42.91
70	15.47	15.70	41.74	70	16.47	16.70	39.84
71	14.88	15.11	42.98	71	15.89	16.12	40.92
72	14.29	14.52	44.33	72	15.31	15.53	42.09
73	13.70	13.93	45.79	73	14.72	14.95	43.35
74	13.11	13.34	47.39	74	14.13	14.36	44.73

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	12.52	12.75	49.12	75	13.54	13.76	46.23
76	11.93	12.16	51.01	76	12.95	13.17	47.87
77	11.35	11.58	53.07	77	12.35	12.58	49.66
78	10.77	11.00	55.34	78	11.76	11.98	51.63
79	10.20	10.43	57.82	79	11.17	11.39	53.79
80	9.81	10.04	58.48	80	10.79	11.01	54.10
81	9.23	9.47	61.47	81	10.19	10.41	56.69
82	8.67	8.92	64.75	82	9.60	9.83	59.53
83	8.13	8.38	68.35	83	9.03	9.27	62.62
84	7.60	7.85	72.33	84	8.48	8.73	65.97
85	7.08	7.35	76.72	85	7.95	8.20	69.61
86	6.59	6.86	81.53	86	7.44	7.71	73.56
87	6.11	6.40	86.80	87	6.95	7.23	77.81
88	5.66	5.96	92.57	88	6.49	6.78	82.39
89	5.24	5.54	98.85	89	6.06	6.35	87.36
90	4.95	5.26	101.22	90	5.78	6.08	88.44
91	4.56	4.89	108.45	91	5.37	5.67	94.32
92	4.20	4.55	116.21	92	4.97	5.29	100.80
93	3.87	4.23	124.39	93	4.59	4.91	107.96
94	3.58	3.94	133.03	94	4.23	4.56	115.84
95	3.30	3.68	141.98	95	3.89	4.23	124.35
96	3.06	3.44	151.63	96	3.57	3.93	133.41
97	2.81	3.21	162.20	97	3.28	3.66	142.96
98	2.59	2.99	173.37	98	3.02	3.40	153.22
99	2.39	2.79	185.21	99	2.78	3.16	164.24
100	2.20	2.61	197.86	100	2.55	2.94	176.16
101	2.02	2.44	211.47	101	2.33	2.73	189.13
102	1.85	2.28	225.19	102	2.13	2.55	202.57
103	1.71	2.15	238.54	103	1.96	2.38	216.25
104	1.59	2.05	250.49	104	1.80	2.24	229.64
105	1.50	1.98	258.99	105	1.67	2.12	241.91
106	1.45	1.95	262.19	106	1.57	2.03	252.49
107	1.45	1.95	262.31	107	1.49	1.97	259.81
108	1.45	1.95	262.51	108	1.45	1.95	262.51
109	1.45	1.95	262.84	109	1.45	1.95	262.84
110	1.45	1.94	263.40	110	1.45	1.94	263.40
111	1.44	1.94	264.35	111	1.44	1.94	264.35
112	1.43	1.92	265.98	112	1.43	1.92	265.98
113	1.42	1.90	268.76	113	1.42	1.90	268.76
114	1.39	1.87	273.60	114	1.39	1.87	273.60
115	1.35	1.81	282.19	115	1.35	1.81	282.19

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity	\dot{a}_x^*	Income**	Age y	Annuity	\dot{a}_y^*	Income**
	a_x				a_y		
116	1.28	1.71	298.01	116	1.28	1.71	298.01
117	1.15	1.55	329.25	117	1.15	1.55	329.25
118	0.94	1.27	400.48	118	0.94	1.27	400.48
119	0.59	0.80	634.12	119	0.59	0.80	634.12
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2021 Q4**

2012 IAR TABLE @ 2.25% for Age < 70, 2.00% for Age = 70-79, 1.50% for Age = 80-89, and 1.00% for Age = 90⁺

MALE				FEMALE			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	38.23	38.69	24.05	0	38.51	38.97	23.95
1	38.14	38.57	24.09	1	38.43	38.87	23.99
2	38.00	38.43	24.14	2	38.30	38.73	24.03
3	37.85	38.28	24.19	3	38.16	38.59	24.08
4	37.69	38.12	24.24	4	38.01	38.44	24.13
5	37.53	37.96	24.30	5	37.86	38.29	24.18
6	37.37	37.79	24.36	6	37.71	38.13	24.24
7	37.20	37.62	24.42	7	37.55	37.97	24.29
8	37.03	37.45	24.48	8	37.38	37.81	24.35
9	36.85	37.27	24.54	9	37.22	37.64	24.41
10	36.67	37.08	24.61	10	37.05	37.46	24.47
11	36.48	36.89	24.68	11	36.87	37.29	24.54
12	36.29	36.70	24.75	12	36.69	37.10	24.60
13	36.09	36.50	24.82	13	36.50	36.92	24.67
14	35.89	36.30	24.90	14	36.32	36.73	24.74
15	35.68	36.09	24.98	15	36.12	36.53	24.81
16	35.48	35.88	25.06	16	35.93	36.33	24.89
17	35.26	35.67	25.14	17	35.73	36.13	24.96
18	35.05	35.45	25.23	18	35.52	35.92	25.04
19	34.83	35.23	25.32	19	35.31	35.71	25.13
20	34.60	35.00	25.41	20	35.10	35.50	25.21
21	34.37	34.77	25.51	21	34.88	35.28	25.30
22	34.14	34.53	25.61	22	34.66	35.05	25.39
23	33.90	34.29	25.71	23	34.43	34.82	25.49
24	33.65	34.04	25.81	24	34.19	34.58	25.59
25	33.40	33.79	25.92	25	33.95	34.34	25.69
26	33.15	33.53	26.04	26	33.70	34.09	25.79
27	32.89	33.27	26.15	27	33.45	33.83	25.90
28	32.63	33.00	26.27	28	33.19	33.57	26.02
29	32.36	32.73	26.40	29	32.93	33.30	26.14
30	32.08	32.45	26.53	30	32.66	33.03	26.26
31	31.80	32.16	26.67	31	32.38	32.75	26.39
32	31.50	31.87	26.81	32	32.10	32.46	26.53
33	31.21	31.57	26.96	33	31.81	32.17	26.67

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
34	30.90	31.26	27.12	34	31.51	31.87	26.81
35	30.59	30.94	27.28	35	31.21	31.56	26.97
36	30.27	30.62	27.46	36	30.89	31.25	27.13
37	29.94	30.28	27.64	37	30.58	30.93	27.29
38	29.60	29.94	27.82	38	30.25	30.60	27.47
39	29.25	29.59	28.02	39	29.92	30.26	27.65
40	28.90	29.24	28.23	40	29.58	29.92	27.84
41	28.54	28.87	28.44	41	29.23	29.57	28.03
42	28.17	28.50	28.67	42	28.88	29.21	28.24
43	27.79	28.12	28.91	43	28.52	28.85	28.46
44	27.41	27.73	29.16	44	28.15	28.48	28.68
45	27.01	27.33	29.42	45	27.77	28.10	28.92
46	26.61	26.93	29.69	46	27.39	27.71	29.17
47	26.20	26.52	29.98	47	27.00	27.31	29.43
48	25.79	26.10	30.29	48	26.59	26.90	29.71
49	25.36	25.67	30.60	49	26.18	26.49	30.00
50	24.93	25.24	30.94	50	25.76	26.07	30.31
51	24.50	24.80	31.29	51	25.34	25.64	30.63
52	24.06	24.36	31.65	52	24.90	25.20	30.97
53	23.61	23.91	32.04	53	24.46	24.76	31.32
54	23.15	23.45	32.45	54	24.01	24.30	31.70
55	22.69	22.98	32.88	55	23.56	23.84	32.10
56	22.22	22.51	33.34	56	23.09	23.37	32.52
57	21.74	22.03	33.83	57	22.62	22.90	32.96
58	21.26	21.54	34.34	58	22.14	22.42	33.43
59	20.77	21.04	34.88	59	21.65	21.93	33.93
60	20.27	20.55	35.46	60	21.16	21.43	34.45
61	19.77	20.04	36.07	61	20.66	20.93	35.01
62	19.26	19.53	36.72	62	20.16	20.43	35.60
63	18.75	19.02	37.42	63	19.66	19.92	36.22
64	18.23	18.50	38.15	64	19.14	19.41	36.89
65	17.71	17.98	38.94	65	18.63	18.89	37.59
66	17.19	17.45	39.78	66	18.11	18.37	38.34
67	16.66	16.91	40.69	67	17.59	17.84	39.15
68	16.12	16.37	41.67	68	17.06	17.31	40.01
69	15.57	15.82	42.73	69	16.52	16.77	40.95
70	15.42	15.65	41.85	70	16.42	16.66	39.92
71	14.83	15.06	43.10	71	15.85	16.08	41.00
72	14.24	14.47	44.45	72	15.26	15.49	42.17
73	13.65	13.88	45.92	73	14.68	14.91	43.45
74	13.06	13.29	47.53	74	14.09	14.32	44.83

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	12.47	12.70	49.27	75	13.50	13.72	46.33
76	11.88	12.12	51.17	76	12.91	13.13	47.98
77	11.30	11.54	53.25	77	12.32	12.54	49.78
78	10.72	10.96	55.52	78	11.72	11.95	51.75
79	10.15	10.39	58.02	79	11.13	11.36	53.92
80	9.94	10.17	56.62	80	10.97	11.18	52.19
81	9.35	9.58	59.61	81	10.35	10.56	54.78
82	8.78	9.02	62.89	82	9.74	9.97	57.62
83	8.22	8.47	66.50	83	9.16	9.39	60.71
84	7.68	7.93	70.48	84	8.59	8.83	64.06
85	7.15	7.42	74.87	85	8.05	8.30	67.70
86	6.65	6.92	79.69	86	7.53	7.79	71.64
87	6.17	6.45	84.96	87	7.03	7.30	75.89
88	5.71	6.00	90.73	88	6.56	6.85	80.47
89	5.28	5.58	97.00	89	6.12	6.41	85.43
90	4.98	5.30	99.37	90	5.83	6.13	86.51
91	4.59	4.92	106.59	91	5.42	5.72	92.38
92	4.23	4.57	114.33	92	5.01	5.33	98.85
93	3.90	4.25	122.51	93	4.63	4.95	106.01
94	3.60	3.96	131.13	94	4.26	4.59	113.88
95	3.32	3.70	140.06	95	3.91	4.26	122.38
96	3.07	3.46	149.69	96	3.60	3.95	131.42
97	2.83	3.22	160.23	97	3.31	3.68	140.95
98	2.61	3.00	171.37	98	3.04	3.42	151.19
99	2.40	2.81	183.18	99	2.79	3.18	162.17
100	2.21	2.62	195.80	100	2.56	2.96	174.07
101	2.03	2.45	209.34	101	2.35	2.75	186.98
102	1.86	2.29	222.98	102	2.15	2.56	200.36
103	1.72	2.16	236.25	103	1.97	2.39	213.98
104	1.60	2.06	248.14	104	1.81	2.25	227.32
105	1.51	1.99	256.61	105	1.68	2.13	239.57
106	1.46	1.96	259.81	106	1.58	2.04	250.13
107	1.46	1.96	259.93	107	1.50	1.98	257.43
108	1.46	1.96	260.13	108	1.46	1.96	260.13
109	1.46	1.96	260.46	109	1.46	1.96	260.46
110	1.46	1.95	261.04	110	1.46	1.95	261.04
111	1.45	1.95	262.00	111	1.45	1.95	262.00
112	1.44	1.93	263.65	112	1.44	1.93	263.65
113	1.43	1.91	266.46	113	1.43	1.91	266.46
114	1.40	1.88	271.34	114	1.40	1.88	271.34
115	1.36	1.82	279.98	115	1.36	1.82	279.98

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity	\dot{a}_x^*	Income**	Age y	Annuity	\dot{a}_y^*	Income**
	a_x				a_y		
116	1.28	1.72	295.86	116	1.28	1.72	295.86
117	1.16	1.55	327.18	117	1.16	1.55	327.18
118	0.95	1.27	398.52	118	0.95	1.27	398.52
119	0.59	0.80	632.30	119	0.59	0.80	632.30
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2021 Q3**

2012 IAR TABLE @ 2.75% for Age < 70, 2.25% for Age = 70-79, 1.75% for Age = 80-89, and 1.25% for Age = 90⁺

<u>MALE</u>				<u>FEMALE</u>			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	32.98	33.46	28.51	0	33.18	33.66	28.42
1	32.93	33.39	28.54	1	33.13	33.60	28.45
2	32.84	33.29	28.58	2	33.05	33.51	28.49
3	32.74	33.19	28.63	3	32.96	33.42	28.53
4	32.64	33.09	28.68	4	32.87	33.32	28.57
5	32.53	32.98	28.73	5	32.77	33.22	28.62
6	32.42	32.87	28.78	6	32.66	33.12	28.66
7	32.30	32.75	28.83	7	32.56	33.01	28.71
8	32.19	32.63	28.89	8	32.45	32.90	28.76
9	32.06	32.51	28.95	9	32.34	32.78	28.82
10	31.94	32.38	29.01	10	32.22	32.66	28.87
11	31.81	32.25	29.07	11	32.10	32.54	28.93
12	31.67	32.11	29.14	12	31.98	32.42	28.99
13	31.54	31.97	29.20	13	31.85	32.29	29.05
14	31.39	31.83	29.27	14	31.72	32.16	29.11
15	31.25	31.68	29.35	15	31.58	32.02	29.18
16	31.10	31.53	29.42	16	31.45	31.88	29.25
17	30.95	31.38	29.50	17	31.31	31.74	29.32
18	30.80	31.23	29.58	18	31.16	31.59	29.39
19	30.64	31.07	29.66	19	31.01	31.44	29.47
20	30.48	30.90	29.74	20	30.86	31.29	29.55
21	30.31	30.73	29.83	21	30.70	31.13	29.63
22	30.14	30.56	29.93	22	30.54	30.97	29.71
23	29.96	30.38	30.02	23	30.38	30.80	29.80
24	29.78	30.20	30.12	24	30.20	30.62	29.89
25	29.60	30.02	30.22	25	30.03	30.45	29.99
26	29.41	29.83	30.33	26	29.85	30.26	30.09
27	29.22	29.63	30.44	27	29.66	30.07	30.19
28	29.02	29.43	30.55	28	29.47	29.88	30.30
29	28.82	29.23	30.67	29	29.27	29.68	30.41
30	28.61	29.01	30.80	30	29.07	29.47	30.53
31	28.40	28.80	30.93	31	28.86	29.26	30.65
32	28.17	28.57	31.06	32	28.65	29.04	30.78
33	27.95	28.34	31.21	33	28.42	28.82	30.91

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \dot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \dot{a}_y^*	Maximum Income**
34	27.71	28.10	31.36	34	28.20	28.59	31.05
35	27.47	27.86	31.51	35	27.96	28.35	31.20
36	27.22	27.60	31.68	36	27.72	28.11	31.35
37	26.96	27.34	31.85	37	27.48	27.86	31.51
38	26.69	27.07	32.03	38	27.22	27.60	31.68
39	26.42	26.79	32.23	39	26.96	27.34	31.85
40	26.14	26.51	32.43	40	26.70	27.07	32.03
41	25.85	26.22	32.64	41	26.42	26.79	32.22
42	25.55	25.92	32.86	42	26.14	26.51	32.43
43	25.25	25.61	33.09	43	25.85	26.22	32.63
44	24.94	25.29	33.33	44	25.56	25.92	32.86
45	24.62	24.97	33.59	45	25.25	25.61	33.09
46	24.29	24.64	33.86	46	24.94	25.30	33.33
47	23.96	24.30	34.14	47	24.62	24.97	33.59
48	23.61	23.95	34.44	48	24.29	24.64	33.86
49	23.26	23.60	34.75	49	23.96	24.30	34.14
50	22.90	23.24	35.08	50	23.61	23.95	34.44
51	22.54	22.87	35.42	51	23.26	23.59	34.76
52	22.17	22.50	35.79	52	22.89	23.22	35.09
53	21.79	22.12	36.17	53	22.52	22.85	35.44
54	21.41	21.73	36.57	54	22.15	22.47	35.82
55	21.01	21.33	37.00	55	21.76	22.08	36.21
56	20.61	20.93	37.45	56	21.37	21.68	36.63
57	20.20	20.52	37.94	57	20.96	21.27	37.07
58	19.79	20.10	38.45	58	20.55	20.86	37.53
59	19.36	19.67	38.99	59	20.13	20.44	38.03
60	18.93	19.23	39.56	60	19.71	20.01	38.55
61	18.49	18.79	40.17	61	19.28	19.58	39.10
62	18.05	18.35	40.82	62	18.84	19.14	39.69
63	17.60	17.89	41.51	63	18.40	18.69	40.31
64	17.14	17.44	42.24	64	17.95	18.24	40.97
65	16.68	16.97	43.02	65	17.50	17.79	41.67
66	16.22	16.50	43.86	66	17.04	17.33	42.42
67	15.74	16.02	44.77	67	16.58	16.86	43.22
68	15.26	15.53	45.75	68	16.10	16.38	44.09
69	14.76	15.04	46.81	69	15.62	15.89	45.02
70	15.02	15.26	43.88	70	15.97	16.22	41.95
71	14.46	14.70	45.13	71	15.43	15.67	43.03
72	13.90	14.14	46.49	72	14.87	15.11	44.21
73	13.33	13.57	47.96	73	14.32	14.55	45.48
74	12.77	13.01	49.57	74	13.75	13.99	46.86

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	12.20	12.44	51.31	75	13.19	13.42	48.37
76	11.64	11.88	53.22	76	12.62	12.86	50.02
77	11.08	11.32	55.30	77	12.05	12.29	51.82
78	10.52	10.76	57.58	78	11.48	11.72	53.80
79	9.97	10.21	60.08	79	10.91	11.15	55.98
80	9.76	10.00	58.69	80	10.75	10.97	54.24
81	9.19	9.43	61.69	81	10.16	10.38	56.85
82	8.63	8.88	64.98	82	9.57	9.80	59.69
83	8.09	8.34	68.59	83	9.00	9.24	62.79
84	7.56	7.82	72.59	84	8.45	8.70	66.15
85	7.05	7.32	76.98	85	7.92	8.18	69.80
86	6.56	6.84	81.81	86	7.41	7.68	73.75
87	6.09	6.38	87.10	87	6.93	7.21	78.02
88	5.64	5.94	92.88	88	6.47	6.76	82.60
89	5.21	5.53	99.16	89	6.04	6.34	87.57
90	4.93	5.24	101.55	90	5.76	6.06	88.66
91	4.55	4.87	108.79	91	5.35	5.66	94.55
92	4.19	4.53	116.54	92	4.96	5.27	101.03
93	3.86	4.22	124.73	93	4.58	4.90	108.19
94	3.56	3.93	133.36	94	4.22	4.55	116.08
95	3.29	3.67	142.30	95	3.88	4.22	124.59
96	3.05	3.43	151.94	96	3.56	3.92	133.65
97	2.81	3.20	162.49	97	3.28	3.65	143.19
98	2.59	2.99	173.64	98	3.02	3.40	153.43
99	2.38	2.79	185.45	99	2.77	3.16	164.43
100	2.19	2.61	198.09	100	2.55	2.94	176.33
101	2.02	2.43	211.64	101	2.33	2.73	189.26
102	1.85	2.28	225.30	102	2.13	2.55	202.65
103	1.71	2.15	238.59	103	1.96	2.38	216.29
104	1.59	2.05	250.49	104	1.80	2.24	229.64
105	1.50	1.98	258.99	105	1.67	2.12	241.91
106	1.45	1.95	262.19	106	1.57	2.03	252.49
107	1.45	1.95	262.31	107	1.49	1.97	259.81
108	1.45	1.95	262.51	108	1.45	1.95	262.51
109	1.45	1.95	262.84	109	1.45	1.95	262.84
110	1.45	1.94	263.40	110	1.45	1.94	263.40
111	1.44	1.94	264.35	111	1.44	1.94	264.35
112	1.43	1.92	265.98	112	1.43	1.92	265.98
113	1.42	1.90	268.76	113	1.42	1.90	268.76
114	1.39	1.87	273.60	114	1.39	1.87	273.60
115	1.35	1.81	282.19	115	1.35	1.81	282.19

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity a_x	\dot{a}_x^*	Income**	Age y	Annuity a_y	\dot{a}_y^*	Income**
116	1.28	1.71	298.01	116	1.28	1.71	298.01
117	1.15	1.55	329.25	117	1.15	1.55	329.25
118	0.94	1.27	400.48	118	0.94	1.27	400.48
119	0.59	0.80	634.12	119	0.59	0.80	634.12
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2021 Q2**

2012 IAR TABLE @ 2.50% for Age < 70, 2.00% for Age = 70-79, 1.75% for Age = 80-89, and 1.00% for Age = 90⁺

MALE				FEMALE			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	35.45	35.92	26.27	0	35.68	36.15	26.18
1	35.37	35.82	26.30	1	35.62	36.07	26.21
2	35.26	35.71	26.35	2	35.52	35.96	26.25
3	35.14	35.58	26.40	3	35.40	35.85	26.29
4	35.02	35.46	26.45	4	35.29	35.73	26.34
5	34.88	35.32	26.50	5	35.16	35.61	26.39
6	34.75	35.19	26.56	6	35.04	35.48	26.44
7	34.61	35.05	26.61	7	34.91	35.35	26.49
8	34.47	34.90	26.67	8	34.77	35.21	26.55
9	34.32	34.75	26.73	9	34.64	35.07	26.60
10	34.17	34.60	26.80	10	34.50	34.93	26.66
11	34.01	34.44	26.86	11	34.35	34.78	26.72
12	33.85	34.28	26.93	12	34.20	34.63	26.78
13	33.69	34.11	27.00	13	34.05	34.48	26.85
14	33.52	33.94	27.08	14	33.89	34.32	26.92
15	33.35	33.77	27.15	15	33.73	34.15	26.99
16	33.17	33.59	27.23	16	33.57	33.99	27.06
17	33.00	33.41	27.31	17	33.40	33.82	27.13
18	32.81	33.23	27.39	18	33.23	33.65	27.21
19	32.63	33.04	27.48	19	33.05	33.47	27.29
20	32.44	32.85	27.57	20	32.87	33.28	27.37
21	32.24	32.65	27.66	21	32.69	33.10	27.45
22	32.04	32.45	27.76	22	32.50	32.90	27.54
23	31.84	32.24	27.85	23	32.30	32.71	27.63
24	31.63	32.03	27.96	24	32.10	32.50	27.73
25	31.41	31.81	28.06	25	31.89	32.30	27.83
26	31.19	31.59	28.17	26	31.68	32.08	27.93
27	30.97	31.37	28.29	27	31.47	31.86	28.04
28	30.74	31.14	28.40	28	31.24	31.64	28.15
29	30.51	30.90	28.53	29	31.01	31.41	28.27
30	30.27	30.66	28.66	30	30.78	31.17	28.39
31	30.02	30.41	28.79	31	30.54	30.93	28.51
32	29.77	30.15	28.93	32	30.29	30.68	28.65
33	29.51	29.89	29.08	33	30.04	30.42	28.78

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \dot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \dot{a}_y^*	Maximum Income**
34	29.24	29.61	29.23	34	29.78	30.16	28.93
35	28.96	29.34	29.39	35	29.52	29.89	29.07
36	28.68	29.05	29.56	36	29.24	29.61	29.23
37	28.39	28.75	29.74	37	28.96	29.33	29.39
38	28.09	28.45	29.92	38	28.68	29.04	29.56
39	27.78	28.14	30.12	39	28.38	28.74	29.74
40	27.47	27.82	30.32	40	28.08	28.44	29.93
41	27.14	27.49	30.53	41	27.77	28.13	30.12
42	26.81	27.16	30.76	42	27.46	27.81	30.33
43	26.47	26.82	30.99	43	27.14	27.48	30.54
44	26.13	26.47	31.24	44	26.81	27.15	30.76
45	25.77	26.11	31.50	45	26.47	26.81	31.00
46	25.41	25.74	31.77	46	26.12	26.46	31.24
47	25.04	25.37	32.05	47	25.77	26.10	31.50
48	24.66	24.99	32.36	48	25.40	25.73	31.78
49	24.28	24.60	32.67	49	25.03	25.36	32.07
50	23.89	24.21	33.00	50	24.65	24.97	32.37
51	23.49	23.81	33.35	51	24.26	24.58	32.69
52	23.08	23.40	33.71	52	23.87	24.18	33.02
53	22.67	22.99	34.10	53	23.46	23.77	33.38
54	22.25	22.56	34.51	54	23.05	23.36	33.75
55	21.83	22.13	34.94	55	22.63	22.93	34.15
56	21.39	21.70	35.39	56	22.20	22.50	34.57
57	20.95	21.25	35.88	57	21.77	22.06	35.01
58	20.50	20.80	36.39	58	21.32	21.62	35.48
59	20.05	20.34	36.93	59	20.87	21.16	35.97
60	19.58	19.87	37.51	60	20.41	20.70	36.50
61	19.11	19.40	38.12	61	19.95	20.24	37.05
62	18.64	18.92	38.77	62	19.48	19.77	37.64
63	18.16	18.44	39.46	63	19.01	19.29	38.26
64	17.68	17.96	40.19	64	18.53	18.81	38.93
65	17.19	17.46	40.98	65	18.05	18.33	39.63
66	16.69	16.97	41.82	66	17.57	17.84	40.38
67	16.19	16.46	42.73	67	17.07	17.34	41.18
68	15.68	15.94	43.71	68	16.57	16.83	42.05
69	15.16	15.42	44.77	69	16.06	16.32	42.98
70	15.42	15.65	41.85	70	16.42	16.66	39.92
71	14.83	15.06	43.10	71	15.85	16.08	41.00
72	14.24	14.47	44.45	72	15.26	15.49	42.17
73	13.65	13.88	45.92	73	14.68	14.91	43.45
74	13.06	13.29	47.53	74	14.09	14.32	44.83

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	12.47	12.70	49.27	75	13.50	13.72	46.33
76	11.88	12.12	51.17	76	12.91	13.13	47.98
77	11.30	11.54	53.25	77	12.32	12.54	49.78
78	10.72	10.96	55.52	78	11.72	11.95	51.75
79	10.15	10.39	58.02	79	11.13	11.36	53.92
80	9.76	10.00	58.69	80	10.75	10.97	54.24
81	9.19	9.43	61.69	81	10.16	10.38	56.85
82	8.63	8.88	64.98	82	9.57	9.80	59.69
83	8.09	8.34	68.59	83	9.00	9.24	62.79
84	7.56	7.82	72.59	84	8.45	8.70	66.15
85	7.05	7.32	76.98	85	7.92	8.18	69.80
86	6.56	6.84	81.81	86	7.41	7.68	73.75
87	6.09	6.38	87.10	87	6.93	7.21	78.02
88	5.64	5.94	92.88	88	6.47	6.76	82.60
89	5.21	5.53	99.16	89	6.04	6.34	87.57
90	4.98	5.30	99.37	90	5.83	6.13	86.51
91	4.59	4.92	106.59	91	5.42	5.72	92.38
92	4.23	4.57	114.33	92	5.01	5.33	98.85
93	3.90	4.25	122.51	93	4.63	4.95	106.01
94	3.60	3.96	131.13	94	4.26	4.59	113.88
95	3.32	3.70	140.06	95	3.91	4.26	122.38
96	3.07	3.46	149.69	96	3.60	3.95	131.42
97	2.83	3.22	160.23	97	3.31	3.68	140.95
98	2.61	3.00	171.37	98	3.04	3.42	151.19
99	2.40	2.81	183.18	99	2.79	3.18	162.17
100	2.21	2.62	195.80	100	2.56	2.96	174.07
101	2.03	2.45	209.34	101	2.35	2.75	186.98
102	1.86	2.29	222.98	102	2.15	2.56	200.36
103	1.72	2.16	236.25	103	1.97	2.39	213.98
104	1.60	2.06	248.14	104	1.81	2.25	227.32
105	1.51	1.99	256.61	105	1.68	2.13	239.57
106	1.46	1.96	259.81	106	1.58	2.04	250.13
107	1.46	1.96	259.93	107	1.50	1.98	257.43
108	1.46	1.96	260.13	108	1.46	1.96	260.13
109	1.46	1.96	260.46	109	1.46	1.96	260.46
110	1.46	1.95	261.04	110	1.46	1.95	261.04
111	1.45	1.95	262.00	111	1.45	1.95	262.00
112	1.44	1.93	263.65	112	1.44	1.93	263.65
113	1.43	1.91	266.46	113	1.43	1.91	266.46
114	1.40	1.88	271.34	114	1.40	1.88	271.34
115	1.36	1.82	279.98	115	1.36	1.82	279.98

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity	\dot{a}_x^*	Income**	Age y	Annuity	\dot{a}_y^*	Income**
	a_x				a_y		
116	1.28	1.72	295.86	116	1.28	1.72	295.86
117	1.16	1.55	327.18	117	1.16	1.55	327.18
118	0.95	1.27	398.52	118	0.95	1.27	398.52
119	0.59	0.80	632.30	119	0.59	0.80	632.30
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2021 Q1**

2012 IAR TABLE @ 2.25% for Age < 70, 2.00% for Age = 70-79, 1.50% for Age = 80-89, and 1.00% for Age = 90⁺

MALE				FEMALE			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	38.23	38.69	24.05	0	38.51	38.97	23.95
1	38.14	38.57	24.09	1	38.43	38.87	23.99
2	38.00	38.43	24.14	2	38.30	38.73	24.03
3	37.85	38.28	24.19	3	38.16	38.59	24.08
4	37.69	38.12	24.24	4	38.01	38.44	24.13
5	37.53	37.96	24.30	5	37.86	38.29	24.18
6	37.37	37.79	24.36	6	37.71	38.13	24.24
7	37.20	37.62	24.42	7	37.55	37.97	24.29
8	37.03	37.45	24.48	8	37.38	37.81	24.35
9	36.85	37.27	24.54	9	37.22	37.64	24.41
10	36.67	37.08	24.61	10	37.05	37.46	24.47
11	36.48	36.89	24.68	11	36.87	37.29	24.54
12	36.29	36.70	24.75	12	36.69	37.10	24.60
13	36.09	36.50	24.82	13	36.50	36.92	24.67
14	35.89	36.30	24.90	14	36.32	36.73	24.74
15	35.68	36.09	24.98	15	36.12	36.53	24.81
16	35.48	35.88	25.06	16	35.93	36.33	24.89
17	35.26	35.67	25.14	17	35.73	36.13	24.96
18	35.05	35.45	25.23	18	35.52	35.92	25.04
19	34.83	35.23	25.32	19	35.31	35.71	25.13
20	34.60	35.00	25.41	20	35.10	35.50	25.21
21	34.37	34.77	25.51	21	34.88	35.28	25.30
22	34.14	34.53	25.61	22	34.66	35.05	25.39
23	33.90	34.29	25.71	23	34.43	34.82	25.49
24	33.65	34.04	25.81	24	34.19	34.58	25.59
25	33.40	33.79	25.92	25	33.95	34.34	25.69
26	33.15	33.53	26.04	26	33.70	34.09	25.79
27	32.89	33.27	26.15	27	33.45	33.83	25.90
28	32.63	33.00	26.27	28	33.19	33.57	26.02
29	32.36	32.73	26.40	29	32.93	33.30	26.14
30	32.08	32.45	26.53	30	32.66	33.03	26.26
31	31.80	32.16	26.67	31	32.38	32.75	26.39
32	31.50	31.87	26.81	32	32.10	32.46	26.53
33	31.21	31.57	26.96	33	31.81	32.17	26.67

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
34	30.90	31.26	27.12	34	31.51	31.87	26.81
35	30.59	30.94	27.28	35	31.21	31.56	26.97
36	30.27	30.62	27.46	36	30.89	31.25	27.13
37	29.94	30.28	27.64	37	30.58	30.93	27.29
38	29.60	29.94	27.82	38	30.25	30.60	27.47
39	29.25	29.59	28.02	39	29.92	30.26	27.65
40	28.90	29.24	28.23	40	29.58	29.92	27.84
41	28.54	28.87	28.44	41	29.23	29.57	28.03
42	28.17	28.50	28.67	42	28.88	29.21	28.24
43	27.79	28.12	28.91	43	28.52	28.85	28.46
44	27.41	27.73	29.16	44	28.15	28.48	28.68
45	27.01	27.33	29.42	45	27.77	28.10	28.92
46	26.61	26.93	29.69	46	27.39	27.71	29.17
47	26.20	26.52	29.98	47	27.00	27.31	29.43
48	25.79	26.10	30.29	48	26.59	26.90	29.71
49	25.36	25.67	30.60	49	26.18	26.49	30.00
50	24.93	25.24	30.94	50	25.76	26.07	30.31
51	24.50	24.80	31.29	51	25.34	25.64	30.63
52	24.06	24.36	31.65	52	24.90	25.20	30.97
53	23.61	23.91	32.04	53	24.46	24.76	31.32
54	23.15	23.45	32.45	54	24.01	24.30	31.70
55	22.69	22.98	32.88	55	23.56	23.84	32.10
56	22.22	22.51	33.34	56	23.09	23.37	32.52
57	21.74	22.03	33.83	57	22.62	22.90	32.96
58	21.26	21.54	34.34	58	22.14	22.42	33.43
59	20.77	21.04	34.88	59	21.65	21.93	33.93
60	20.27	20.55	35.46	60	21.16	21.43	34.45
61	19.77	20.04	36.07	61	20.66	20.93	35.01
62	19.26	19.53	36.72	62	20.16	20.43	35.60
63	18.75	19.02	37.42	63	19.66	19.92	36.22
64	18.23	18.50	38.15	64	19.14	19.41	36.89
65	17.71	17.98	38.94	65	18.63	18.89	37.59
66	17.19	17.45	39.78	66	18.11	18.37	38.34
67	16.66	16.91	40.69	67	17.59	17.84	39.15
68	16.12	16.37	41.67	68	17.06	17.31	40.01
69	15.57	15.82	42.73	69	16.52	16.77	40.95
70	15.42	15.65	41.85	70	16.42	16.66	39.92
71	14.83	15.06	43.10	71	15.85	16.08	41.00
72	14.24	14.47	44.45	72	15.26	15.49	42.17
73	13.65	13.88	45.92	73	14.68	14.91	43.45
74	13.06	13.29	47.53	74	14.09	14.32	44.83

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	12.47	12.70	49.27	75	13.50	13.72	46.33
76	11.88	12.12	51.17	76	12.91	13.13	47.98
77	11.30	11.54	53.25	77	12.32	12.54	49.78
78	10.72	10.96	55.52	78	11.72	11.95	51.75
79	10.15	10.39	58.02	79	11.13	11.36	53.92
80	9.94	10.17	56.62	80	10.97	11.18	52.19
81	9.35	9.58	59.61	81	10.35	10.56	54.78
82	8.78	9.02	62.89	82	9.74	9.97	57.62
83	8.22	8.47	66.50	83	9.16	9.39	60.71
84	7.68	7.93	70.48	84	8.59	8.83	64.06
85	7.15	7.42	74.87	85	8.05	8.30	67.70
86	6.65	6.92	79.69	86	7.53	7.79	71.64
87	6.17	6.45	84.96	87	7.03	7.30	75.89
88	5.71	6.00	90.73	88	6.56	6.85	80.47
89	5.28	5.58	97.00	89	6.12	6.41	85.43
90	4.98	5.30	99.37	90	5.83	6.13	86.51
91	4.59	4.92	106.59	91	5.42	5.72	92.38
92	4.23	4.57	114.33	92	5.01	5.33	98.85
93	3.90	4.25	122.51	93	4.63	4.95	106.01
94	3.60	3.96	131.13	94	4.26	4.59	113.88
95	3.32	3.70	140.06	95	3.91	4.26	122.38
96	3.07	3.46	149.69	96	3.60	3.95	131.42
97	2.83	3.22	160.23	97	3.31	3.68	140.95
98	2.61	3.00	171.37	98	3.04	3.42	151.19
99	2.40	2.81	183.18	99	2.79	3.18	162.17
100	2.21	2.62	195.80	100	2.56	2.96	174.07
101	2.03	2.45	209.34	101	2.35	2.75	186.98
102	1.86	2.29	222.98	102	2.15	2.56	200.36
103	1.72	2.16	236.25	103	1.97	2.39	213.98
104	1.60	2.06	248.14	104	1.81	2.25	227.32
105	1.51	1.99	256.61	105	1.68	2.13	239.57
106	1.46	1.96	259.81	106	1.58	2.04	250.13
107	1.46	1.96	259.93	107	1.50	1.98	257.43
108	1.46	1.96	260.13	108	1.46	1.96	260.13
109	1.46	1.96	260.46	109	1.46	1.96	260.46
110	1.46	1.95	261.04	110	1.46	1.95	261.04
111	1.45	1.95	262.00	111	1.45	1.95	262.00
112	1.44	1.93	263.65	112	1.44	1.93	263.65
113	1.43	1.91	266.46	113	1.43	1.91	266.46
114	1.40	1.88	271.34	114	1.40	1.88	271.34
115	1.36	1.82	279.98	115	1.36	1.82	279.98

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity a_x	\dot{a}_x^*	Income**	Age y	Annuity a_y	\dot{a}_y^*	Income**
116	1.28	1.72	295.86	116	1.28	1.72	295.86
117	1.16	1.55	327.18	117	1.16	1.55	327.18
118	0.95	1.27	398.52	118	0.95	1.27	398.52
119	0.59	0.80	632.30	119	0.59	0.80	632.30
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2020 Q4**

2012 IAR TABLE @ 2.00% for Age < 70, 1.50% for Age = 70-79, 1.25% for Age = 80-89, and 0.75% for Age = 90⁺

MALE				FEMALE			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	41.37	41.82	21.86	0	41.71	42.16	21.76
1	41.25	41.67	21.90	1	41.60	42.02	21.80
2	41.07	41.49	21.95	2	41.43	41.85	21.85
3	40.89	41.30	22.01	3	41.26	41.68	21.90
4	40.70	41.11	22.06	4	41.08	41.49	21.95
5	40.50	40.91	22.12	5	40.89	41.30	22.01
6	40.30	40.71	22.18	6	40.70	41.11	22.06
7	40.10	40.50	22.25	7	40.51	40.91	22.12
8	39.88	40.29	22.31	8	40.31	40.71	22.18
9	39.67	40.07	22.38	9	40.10	40.51	22.25
10	39.45	39.84	22.45	10	39.89	40.29	22.31
11	39.22	39.61	22.52	11	39.68	40.08	22.38
12	38.99	39.38	22.60	12	39.46	39.86	22.45
13	38.75	39.14	22.68	13	39.24	39.63	22.52
14	38.51	38.90	22.75	14	39.01	39.40	22.59
15	38.27	38.65	22.84	15	38.78	39.17	22.67
16	38.02	38.40	22.92	16	38.54	38.93	22.74
17	37.77	38.15	23.01	17	38.30	38.69	22.82
18	37.51	37.89	23.10	18	38.06	38.44	22.91
19	37.25	37.63	23.19	19	37.81	38.19	22.99
20	36.98	37.36	23.28	20	37.55	37.93	23.08
21	36.71	37.09	23.38	21	37.29	37.67	23.17
22	36.43	36.81	23.49	22	37.03	37.40	23.27
23	36.15	36.52	23.59	23	36.76	37.13	23.37
24	35.87	36.23	23.70	24	36.48	36.85	23.47
25	35.57	35.94	23.81	25	36.20	36.56	23.58
26	35.28	35.64	23.93	26	35.91	36.27	23.69
27	34.98	35.34	24.05	27	35.61	35.98	23.80
28	34.67	35.03	24.18	28	35.31	35.67	23.92
29	34.35	34.71	24.31	29	35.01	35.36	24.04
30	34.03	34.39	24.44	30	34.69	35.04	24.17
31	33.71	34.06	24.58	31	34.37	34.72	24.30
32	33.37	33.72	24.73	32	34.04	34.39	24.44
33	33.03	33.37	24.88	33	33.71	34.05	24.58

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
34	32.68	33.02	25.04	34	33.37	33.71	24.73
35	32.32	32.66	25.21	35	33.02	33.36	24.89
36	31.96	32.29	25.39	36	32.67	33.00	25.05
37	31.58	31.91	25.57	37	32.31	32.64	25.22
38	31.20	31.53	25.76	38	31.94	32.26	25.40
39	30.81	31.13	25.96	39	31.56	31.88	25.58
40	30.41	30.73	26.17	40	31.18	31.50	25.78
41	30.01	30.32	26.39	41	30.79	31.10	25.98
42	29.59	29.90	26.62	42	30.39	30.70	26.19
43	29.17	29.48	26.86	43	29.98	30.29	26.41
44	28.74	29.04	27.12	44	29.57	29.88	26.64
45	28.30	28.60	27.38	45	29.15	29.45	26.88
46	27.86	28.15	27.66	46	28.72	29.02	27.13
47	27.41	27.70	27.95	47	28.28	28.58	27.40
48	26.95	27.24	28.26	48	27.84	28.13	27.68
49	26.48	26.77	28.58	49	27.38	27.67	27.97
50	26.01	26.29	28.92	50	26.92	27.21	28.28
51	25.53	25.81	29.27	51	26.45	26.73	28.61
52	25.05	25.33	29.64	52	25.98	26.25	28.95
53	24.56	24.83	30.04	53	25.49	25.77	29.31
54	24.06	24.33	30.45	54	25.00	25.27	29.69
55	23.56	23.83	30.88	55	24.50	24.77	30.09
56	23.05	23.31	31.35	56	24.00	24.26	30.51
57	22.53	22.79	31.84	57	23.48	23.74	30.96
58	22.01	22.27	32.35	58	22.96	23.22	31.43
59	21.48	21.74	32.90	59	22.44	22.69	31.93
60	20.94	21.20	33.49	60	21.91	22.16	32.46
61	20.40	20.66	34.10	61	21.37	21.62	33.02
62	19.86	20.12	34.76	62	20.83	21.08	33.62
63	19.32	19.57	35.45	63	20.29	20.54	34.25
64	18.77	19.02	36.19	64	19.74	19.99	34.91
65	18.21	18.46	36.98	65	19.20	19.44	35.62
66	17.66	17.90	37.83	66	18.65	18.89	36.37
67	17.09	17.34	38.74	67	18.09	18.33	37.18
68	16.52	16.76	39.73	68	17.52	17.76	38.05
69	15.95	16.18	40.80	69	16.95	17.19	38.99
70	16.21	16.42	37.90	70	17.33	17.54	35.95
71	15.56	15.77	39.15	71	16.69	16.89	37.04
72	14.92	15.12	40.51	72	16.05	16.25	38.21
73	14.27	14.48	41.99	73	15.41	15.61	39.48
74	13.63	13.83	43.59	74	14.76	14.96	40.87

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
75	12.99	13.20	45.33	75	14.12	14.31	42.37
76	12.35	12.57	47.24	76	13.47	13.67	44.02
77	11.73	11.94	49.31	77	12.83	13.03	45.82
78	11.11	11.33	51.59	78	12.19	12.39	47.79
79	10.50	10.72	54.08	79	11.56	11.76	49.95
80	10.08	10.30	54.76	80	11.15	11.35	50.27
81	9.48	9.70	57.75	81	10.51	10.72	52.87
82	8.89	9.12	61.03	82	9.89	10.10	55.70
83	8.32	8.56	64.65	83	9.28	9.51	58.79
84	7.76	8.01	68.63	84	8.70	8.94	62.14
85	7.23	7.48	73.02	85	8.15	8.39	65.78
86	6.71	6.98	77.84	86	7.61	7.87	69.72
87	6.22	6.50	83.11	87	7.11	7.38	73.97
88	5.76	6.05	88.88	88	6.63	6.91	78.55
89	5.32	5.62	95.15	89	6.18	6.47	83.50
90	5.02	5.33	97.51	90	5.89	6.19	84.57
91	4.63	4.95	104.72	91	5.46	5.77	90.44
92	4.26	4.60	112.45	92	5.06	5.37	96.90
93	3.92	4.28	120.62	93	4.67	4.98	104.05
94	3.62	3.98	129.22	94	4.29	4.62	111.91
95	3.34	3.72	138.13	95	3.94	4.29	120.41
96	3.09	3.47	147.74	96	3.62	3.98	129.43
97	2.85	3.24	158.25	97	3.33	3.70	138.94
98	2.62	3.02	169.37	98	3.06	3.44	149.14
99	2.41	2.82	181.14	99	2.81	3.20	160.10
100	2.22	2.63	193.73	100	2.58	2.97	171.97
101	2.04	2.46	207.20	101	2.36	2.76	184.83
102	1.87	2.30	220.77	102	2.16	2.57	198.15
103	1.73	2.17	233.96	103	1.98	2.40	211.71
104	1.61	2.07	245.77	104	1.83	2.26	224.99
105	1.52	2.00	254.23	105	1.69	2.14	237.22
106	1.47	1.97	257.41	106	1.59	2.05	247.77
107	1.47	1.97	257.54	107	1.51	1.99	255.05
108	1.47	1.97	257.74	108	1.47	1.97	257.74
109	1.47	1.97	258.09	109	1.47	1.97	258.09
110	1.46	1.96	258.67	110	1.46	1.96	258.67
111	1.46	1.95	259.65	111	1.46	1.95	259.65
112	1.45	1.94	261.31	112	1.45	1.94	261.31
113	1.43	1.92	264.15	113	1.43	1.92	264.15
114	1.41	1.88	269.07	114	1.41	1.88	269.07
115	1.36	1.82	277.76	115	1.36	1.82	277.76

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity a_x	\dot{a}_x^*	Income**	Age y	Annuity a_y	\dot{a}_y^*	Income**
116	1.29	1.72	293.71	116	1.29	1.72	293.71
117	1.16	1.56	325.11	117	1.16	1.56	325.11
118	0.95	1.27	396.55	118	0.95	1.27	396.55
119	0.60	0.80	630.49	119	0.60	0.80	630.49
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2020 Q3**

2012 IAR TABLE @ 2.50% for Age < 70, 2.25% for Age = 70-79, 1.75% for Age = 80-89, and 1.50% for Age = 90⁺

MALE				FEMALE			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	35.44	35.90	26.27	0	35.67	36.15	26.18
1	35.36	35.81	26.31	1	35.61	36.06	26.21
2	35.25	35.70	26.35	2	35.51	35.96	26.25
3	35.13	35.57	26.40	3	35.40	35.84	26.30
4	35.00	35.44	26.45	4	35.28	35.72	26.34
5	34.87	35.31	26.51	5	35.15	35.60	26.39
6	34.74	35.17	26.56	6	35.03	35.47	26.44
7	34.60	35.03	26.62	7	34.90	35.34	26.50
8	34.46	34.89	26.68	8	34.77	35.20	26.55
9	34.31	34.74	26.74	9	34.63	35.06	26.61
10	34.16	34.59	26.80	10	34.49	34.92	26.67
11	34.00	34.43	26.87	11	34.34	34.77	26.73
12	33.84	34.26	26.94	12	34.19	34.62	26.79
13	33.67	34.10	27.01	13	34.04	34.46	26.85
14	33.50	33.93	27.08	14	33.88	34.31	26.92
15	33.33	33.75	27.16	15	33.72	34.14	26.99
16	33.16	33.58	27.24	16	33.55	33.98	27.06
17	32.98	33.40	27.32	17	33.39	33.81	27.14
18	32.80	33.21	27.40	18	33.21	33.63	27.21
19	32.61	33.02	27.49	19	33.04	33.45	27.29
20	32.42	32.83	27.58	20	32.86	33.27	27.37
21	32.22	32.63	27.67	21	32.67	33.08	27.46
22	32.02	32.43	27.77	22	32.48	32.89	27.55
23	31.81	32.22	27.86	23	32.29	32.69	27.64
24	31.61	32.01	27.97	24	32.08	32.49	27.74
25	31.39	31.79	28.07	25	31.88	32.28	27.84
26	31.17	31.57	28.18	26	31.67	32.07	27.94
27	30.95	31.34	28.30	27	31.45	31.85	28.05
28	30.72	31.11	28.42	28	31.23	31.62	28.16
29	30.48	30.88	28.54	29	31.00	31.39	28.28
30	30.24	30.63	28.67	30	30.76	31.15	28.40
31	30.00	30.38	28.80	31	30.52	30.91	28.52
32	29.74	30.12	28.94	32	30.27	30.66	28.66
33	29.48	29.86	29.09	33	30.02	30.40	28.79

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
34	29.21	29.59	29.25	34	29.76	30.14	28.94
35	28.94	29.31	29.41	35	29.49	29.87	29.09
36	28.65	29.02	29.58	36	29.22	29.59	29.24
37	28.36	28.72	29.75	37	28.94	29.31	29.41
38	28.06	28.42	29.94	38	28.65	29.02	29.58
39	27.75	28.11	30.14	39	28.36	28.72	29.76
40	27.43	27.79	30.34	40	28.06	28.42	29.94
41	27.11	27.46	30.55	41	27.75	28.10	30.14
42	26.78	27.13	30.78	42	27.43	27.79	30.34
43	26.44	26.78	31.01	43	27.11	27.46	30.56
44	26.09	26.43	31.26	44	26.78	27.12	30.78
45	25.74	26.07	31.52	45	26.44	26.78	31.02
46	25.37	25.71	31.80	46	26.09	26.43	31.26
47	25.00	25.33	32.08	47	25.74	26.07	31.53
48	24.62	24.95	32.39	48	25.37	25.70	31.80
49	24.24	24.56	32.70	49	25.00	25.33	32.09
50	23.85	24.17	33.04	50	24.62	24.94	32.39
51	23.45	23.77	33.39	51	24.23	24.55	32.71
52	23.04	23.36	33.75	52	23.83	24.15	33.05
53	22.63	22.94	34.14	53	23.43	23.74	33.41
54	22.21	22.52	34.55	54	23.02	23.32	33.78
55	21.78	22.09	34.98	55	22.60	22.90	34.18
56	21.35	21.65	35.44	56	22.17	22.47	34.60
57	20.90	21.20	35.93	57	21.73	22.03	35.05
58	20.45	20.75	36.44	58	21.29	21.58	35.52
59	20.00	20.29	36.99	59	20.83	21.12	36.02
60	19.53	19.82	37.57	60	20.38	20.66	36.54
61	19.07	19.35	38.18	61	19.91	20.20	37.10
62	18.59	18.88	38.84	62	19.45	19.73	37.69
63	18.11	18.39	39.53	63	18.97	19.25	38.32
64	17.63	17.91	40.27	64	18.49	18.77	38.98
65	17.14	17.42	41.06	65	18.01	18.29	39.69
66	16.64	16.92	41.90	66	17.53	17.80	40.44
67	16.14	16.41	42.82	67	17.03	17.30	41.25
68	15.63	15.89	43.80	68	16.53	16.79	42.12
69	15.11	15.37	44.87	69	16.02	16.28	43.05
70	14.97	15.21	43.99	70	15.93	16.18	42.03
71	14.41	14.65	45.25	71	15.39	15.63	43.12
72	13.85	14.09	46.62	72	14.83	15.07	44.29
73	13.28	13.52	48.10	73	14.28	14.51	45.57
74	12.72	12.96	49.71	74	13.71	13.95	46.96

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	12.15	12.39	51.47	75	13.15	13.39	48.48
76	11.59	11.83	53.38	76	12.58	12.82	50.13
77	11.03	11.27	55.48	77	12.01	12.25	51.95
78	10.47	10.72	57.77	78	11.45	11.68	53.93
79	9.92	10.17	60.28	79	10.88	11.11	56.12
80	9.72	9.96	58.90	80	10.72	10.94	54.39
81	9.15	9.39	61.91	81	10.12	10.35	57.00
82	8.60	8.84	65.21	82	9.54	9.77	59.85
83	8.06	8.31	68.84	83	8.97	9.21	62.96
84	7.53	7.79	72.84	84	8.42	8.67	66.33
85	7.02	7.29	77.25	85	7.90	8.15	69.99
86	6.53	6.81	82.10	86	7.39	7.66	73.95
87	6.06	6.35	87.40	87	6.91	7.19	78.22
88	5.62	5.92	93.19	88	6.45	6.74	82.82
89	5.19	5.51	99.49	89	6.02	6.32	87.79
90	4.85	5.17	104.06	90	5.67	5.98	91.04
91	4.48	4.81	111.32	91	5.27	5.59	96.94
92	4.13	4.48	119.09	92	4.89	5.21	103.43
93	3.81	4.17	127.29	93	4.52	4.85	110.62
94	3.52	3.89	135.92	94	4.16	4.50	118.52
95	3.25	3.64	144.86	95	3.83	4.18	127.05
96	3.02	3.40	154.49	96	3.52	3.89	136.11
97	2.78	3.17	165.03	97	3.24	3.62	145.65
98	2.56	2.96	176.17	98	2.99	3.37	155.88
99	2.36	2.77	187.97	99	2.75	3.14	166.87
100	2.18	2.59	200.59	100	2.52	2.92	178.77
101	2.00	2.42	214.11	101	2.31	2.71	191.66
102	1.84	2.27	227.72	102	2.12	2.53	205.02
103	1.70	2.14	240.97	103	1.94	2.37	218.63
104	1.58	2.04	252.85	104	1.79	2.23	231.96
105	1.49	1.97	261.36	105	1.66	2.11	244.25
106	1.44	1.94	264.57	106	1.56	2.02	254.85
107	1.44	1.94	264.69	107	1.48	1.96	262.18
108	1.44	1.94	264.88	108	1.44	1.94	264.88
109	1.44	1.94	265.20	109	1.44	1.94	265.20
110	1.44	1.94	265.76	110	1.44	1.94	265.76
111	1.43	1.93	266.70	111	1.43	1.93	266.70
112	1.42	1.92	268.30	112	1.42	1.92	268.30
113	1.41	1.90	271.06	113	1.41	1.90	271.06
114	1.38	1.86	275.86	114	1.38	1.86	275.86
115	1.34	1.81	284.40	115	1.34	1.81	284.40

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity a_x	\dot{a}_x^*	Income**	Age y	Annuity a_y	\dot{a}_y^*	Income**
116	1.27	1.71	300.15	116	1.27	1.71	300.15
117	1.15	1.54	331.31	117	1.15	1.54	331.31
118	0.94	1.27	402.44	118	0.94	1.27	402.44
119	0.59	0.80	635.93	119	0.59	0.80	635.93
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2020 Q2**

2012 IAR TABLE @ 3.00% for Age < 70, 2.50% for Age = 70-79, 2.25% for Age = 80-89, and 2.00% for Age = 90⁺

<u>MALE</u>				<u>FEMALE</u>			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	30.78	31.27	30.77	0	30.95	31.44	30.68
1	30.74	31.21	30.80	1	30.92	31.39	30.71
2	30.67	31.13	30.84	2	30.85	31.32	30.74
3	30.59	31.05	30.88	3	30.78	31.25	30.78
4	30.51	30.97	30.93	4	30.71	31.17	30.82
5	30.42	30.88	30.97	5	30.62	31.09	30.86
6	30.33	30.78	31.02	6	30.54	31.00	30.91
7	30.23	30.69	31.07	7	30.45	30.91	30.95
8	30.13	30.59	31.13	8	30.36	30.82	31.00
9	30.03	30.48	31.18	9	30.27	30.72	31.05
10	29.93	30.38	31.24	10	30.17	30.63	31.11
11	29.82	30.27	31.30	11	30.07	30.52	31.16
12	29.70	30.15	31.36	12	29.97	30.42	31.22
13	29.59	30.03	31.43	13	29.86	30.31	31.27
14	29.47	29.91	31.49	14	29.75	30.20	31.33
15	29.35	29.79	31.56	15	29.64	30.09	31.40
16	29.22	29.66	31.64	16	29.53	29.97	31.46
17	29.09	29.53	31.71	17	29.41	29.85	31.53
18	28.96	29.40	31.79	18	29.29	29.73	31.60
19	28.83	29.26	31.86	19	29.16	29.60	31.67
20	28.69	29.12	31.95	20	29.03	29.47	31.75
21	28.55	28.98	32.03	21	28.90	29.33	31.82
22	28.40	28.83	32.12	22	28.76	29.19	31.91
23	28.25	28.68	32.21	23	28.62	29.05	31.99
24	28.09	28.52	32.31	24	28.47	28.90	32.08
25	27.94	28.36	32.41	25	28.32	28.75	32.17
26	27.77	28.20	32.51	26	28.16	28.59	32.27
27	27.61	28.03	32.62	27	28.00	28.43	32.37
28	27.43	27.86	32.73	28	27.84	28.26	32.47
29	27.26	27.68	32.85	29	27.67	28.08	32.58
30	27.08	27.49	32.97	30	27.49	27.91	32.70
31	26.89	27.30	33.09	31	27.31	27.72	32.82
32	26.69	27.10	33.23	32	27.12	27.53	32.94
33	26.49	26.90	33.37	33	26.93	27.34	33.07

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
34	26.29	26.69	33.51	34	26.73	27.13	33.21
35	26.07	26.47	33.67	35	26.52	26.92	33.35
36	25.85	26.25	33.83	36	26.31	26.71	33.50
37	25.62	26.01	34.00	37	26.09	26.49	33.66
38	25.38	25.77	34.18	38	25.87	26.26	33.82
39	25.14	25.52	34.37	39	25.64	26.03	33.99
40	24.89	25.27	34.57	40	25.40	25.79	34.17
41	24.63	25.01	34.77	41	25.15	25.54	34.36
42	24.36	24.74	34.99	42	24.90	25.28	34.56
43	24.09	24.46	35.22	43	24.64	25.02	34.76
44	23.80	24.17	35.46	44	24.38	24.75	34.98
45	23.51	23.88	35.72	45	24.10	24.47	35.21
46	23.22	23.58	35.98	46	23.82	24.19	35.45
47	22.91	23.27	36.27	47	23.53	23.89	35.71
48	22.60	22.95	36.56	48	23.23	23.59	35.97
49	22.28	22.63	36.87	49	22.92	23.28	36.26
50	21.95	22.30	37.20	50	22.61	22.96	36.56
51	21.62	21.96	37.55	51	22.29	22.63	36.87
52	21.27	21.62	37.91	52	21.95	22.30	37.20
53	20.93	21.27	38.29	53	21.61	21.96	37.55
54	20.57	20.91	38.69	54	21.27	21.60	37.92
55	20.21	20.54	39.12	55	20.91	21.24	38.32
56	19.83	20.16	39.58	56	20.55	20.88	38.73
57	19.45	19.78	40.06	57	20.17	20.50	39.17
58	19.07	19.39	40.57	58	19.79	20.11	39.64
59	18.67	18.99	41.11	59	19.40	19.72	40.13
60	18.27	18.58	41.69	60	19.01	19.32	40.66
61	17.86	18.17	42.30	61	18.60	18.92	41.21
62	17.44	17.75	42.94	62	18.20	18.51	41.80
63	17.02	17.33	43.64	63	17.78	18.09	42.42
64	16.59	16.90	44.37	64	17.36	17.67	43.08
65	16.16	16.46	45.16	65	16.94	17.24	43.78
66	15.72	16.02	46.00	66	16.51	16.81	44.53
67	15.27	15.56	46.91	67	16.07	16.36	45.34
68	14.81	15.10	47.90	68	15.62	15.91	46.21
69	14.34	14.63	48.97	69	15.16	15.45	47.14
70	14.58	14.84	46.03	70	15.51	15.76	44.06
71	14.05	14.31	47.29	71	14.98	15.24	45.15
72	13.52	13.77	48.66	72	14.46	14.71	46.33
73	12.98	13.23	50.14	73	13.93	14.18	47.61
74	12.43	12.69	51.76	74	13.39	13.64	49.00

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	11.89	12.14	53.52	75	12.85	13.10	50.52
76	11.35	11.60	55.44	76	12.31	12.55	52.18
77	10.81	11.07	57.53	77	11.76	12.01	54.00
78	10.28	10.53	59.83	78	11.21	11.46	55.99
79	9.74	10.00	62.35	79	10.67	10.91	58.17
80	9.38	9.63	63.04	80	10.31	10.55	58.52
81	8.84	9.10	66.07	81	9.76	10.00	61.14
82	8.32	8.58	69.38	82	9.21	9.45	64.01
83	7.81	8.08	73.03	83	8.67	8.93	67.14
84	7.31	7.58	77.05	84	8.15	8.42	70.53
85	6.83	7.11	81.48	85	7.66	7.93	74.20
86	6.36	6.65	86.35	86	7.18	7.46	78.18
87	5.91	6.21	91.68	87	6.72	7.01	82.47
88	5.48	5.79	97.49	88	6.28	6.58	87.08
89	5.08	5.39	103.81	89	5.87	6.18	92.07
90	4.75	5.08	108.42	90	5.54	5.85	95.34
91	4.39	4.73	115.70	91	5.15	5.47	101.26
92	4.05	4.40	123.50	92	4.78	5.11	107.77
93	3.74	4.10	131.72	93	4.42	4.76	114.98
94	3.46	3.83	140.37	94	4.08	4.42	122.90
95	3.20	3.59	149.33	95	3.76	4.11	131.46
96	2.97	3.35	158.97	96	3.46	3.83	140.54
97	2.73	3.13	169.53	97	3.19	3.57	150.10
98	2.52	2.93	180.69	98	2.94	3.32	160.35
99	2.33	2.74	192.50	99	2.70	3.10	171.35
100	2.15	2.56	205.14	100	2.49	2.88	183.27
101	1.97	2.39	218.68	101	2.28	2.68	196.19
102	1.82	2.25	232.32	102	2.09	2.50	209.58
103	1.68	2.12	245.61	103	1.92	2.34	223.21
104	1.56	2.02	257.53	104	1.77	2.21	236.58
105	1.48	1.95	266.09	105	1.64	2.09	248.90
106	1.43	1.93	269.31	106	1.54	2.00	259.54
107	1.43	1.93	269.42	107	1.46	1.95	266.90
108	1.43	1.93	269.61	108	1.43	1.93	269.61
109	1.42	1.92	269.92	109	1.42	1.92	269.92
110	1.42	1.92	270.45	110	1.42	1.92	270.45
111	1.42	1.91	271.37	111	1.42	1.91	271.37
112	1.41	1.90	272.93	112	1.41	1.90	272.93
113	1.39	1.88	275.64	113	1.39	1.88	275.64
114	1.37	1.85	280.37	114	1.37	1.85	280.37
115	1.33	1.79	288.80	115	1.33	1.79	288.80

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity a_x	\dot{a}_x^*	Income**	Age y	Annuity a_y	\dot{a}_y^*	Income**
116	1.26	1.70	304.42	116	1.26	1.70	304.42
117	1.14	1.54	335.42	117	1.14	1.54	335.42
118	0.93	1.26	406.33	118	0.93	1.26	406.33
119	0.59	0.79	639.53	119	0.59	0.79	639.53
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

**PRESENT VALUES OF IMMEDIATE ANNUITIES AND MAXIMUM INCOMES
 PER \$1000 GIFT ALLOWED BY SECTION 1110
 FOR ISSUES OF 2020 Q1**

2012 IAR TABLE @ 3.00% for Age < 70, 2.75% for Age = 70-79, 2.25% for Age = 80-89, and 2.00% for Age = 90⁺

MALE				FEMALE			
Age x	Immediate Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Immediate Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
0	30.78	31.27	30.77	0	30.95	31.44	30.68
1	30.74	31.21	30.80	1	30.92	31.39	30.71
2	30.67	31.13	30.84	2	30.85	31.32	30.74
3	30.59	31.05	30.88	3	30.78	31.25	30.78
4	30.51	30.97	30.93	4	30.71	31.17	30.82
5	30.42	30.88	30.97	5	30.62	31.09	30.86
6	30.33	30.78	31.02	6	30.54	31.00	30.91
7	30.23	30.69	31.07	7	30.45	30.91	30.95
8	30.13	30.59	31.13	8	30.36	30.82	31.00
9	30.03	30.48	31.18	9	30.27	30.72	31.05
10	29.93	30.38	31.24	10	30.17	30.63	31.11
11	29.82	30.27	31.30	11	30.07	30.52	31.16
12	29.70	30.15	31.36	12	29.97	30.42	31.22
13	29.59	30.03	31.43	13	29.86	30.31	31.27
14	29.47	29.91	31.49	14	29.75	30.20	31.33
15	29.35	29.79	31.56	15	29.64	30.09	31.40
16	29.22	29.66	31.64	16	29.53	29.97	31.46
17	29.09	29.53	31.71	17	29.41	29.85	31.53
18	28.96	29.40	31.79	18	29.29	29.73	31.60
19	28.83	29.26	31.86	19	29.16	29.60	31.67
20	28.69	29.12	31.95	20	29.03	29.47	31.75
21	28.55	28.98	32.03	21	28.90	29.33	31.82
22	28.40	28.83	32.12	22	28.76	29.19	31.91
23	28.25	28.68	32.21	23	28.62	29.05	31.99
24	28.09	28.52	32.31	24	28.47	28.90	32.08
25	27.94	28.36	32.41	25	28.32	28.75	32.17
26	27.77	28.20	32.51	26	28.16	28.59	32.27
27	27.61	28.03	32.62	27	28.00	28.43	32.37
28	27.43	27.86	32.73	28	27.84	28.26	32.47
29	27.26	27.68	32.85	29	27.67	28.08	32.58
30	27.08	27.49	32.97	30	27.49	27.91	32.70
31	26.89	27.30	33.09	31	27.31	27.72	32.82
32	26.69	27.10	33.23	32	27.12	27.53	32.94
33	26.49	26.90	33.37	33	26.93	27.34	33.07

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \bar{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \bar{a}_y^*	Maximum Income**
34	26.29	26.69	33.51	34	26.73	27.13	33.21
35	26.07	26.47	33.67	35	26.52	26.92	33.35
36	25.85	26.25	33.83	36	26.31	26.71	33.50
37	25.62	26.01	34.00	37	26.09	26.49	33.66
38	25.38	25.77	34.18	38	25.87	26.26	33.82
39	25.14	25.52	34.37	39	25.64	26.03	33.99
40	24.89	25.27	34.57	40	25.40	25.79	34.17
41	24.63	25.01	34.77	41	25.15	25.54	34.36
42	24.36	24.74	34.99	42	24.90	25.28	34.56
43	24.09	24.46	35.22	43	24.64	25.02	34.76
44	23.80	24.17	35.46	44	24.38	24.75	34.98
45	23.51	23.88	35.72	45	24.10	24.47	35.21
46	23.22	23.58	35.98	46	23.82	24.19	35.45
47	22.91	23.27	36.27	47	23.53	23.89	35.71
48	22.60	22.95	36.56	48	23.23	23.59	35.97
49	22.28	22.63	36.87	49	22.92	23.28	36.26
50	21.95	22.30	37.20	50	22.61	22.96	36.56
51	21.62	21.96	37.55	51	22.29	22.63	36.87
52	21.27	21.62	37.91	52	21.95	22.30	37.20
53	20.93	21.27	38.29	53	21.61	21.96	37.55
54	20.57	20.91	38.69	54	21.27	21.60	37.92
55	20.21	20.54	39.12	55	20.91	21.24	38.32
56	19.83	20.16	39.58	56	20.55	20.88	38.73
57	19.45	19.78	40.06	57	20.17	20.50	39.17
58	19.07	19.39	40.57	58	19.79	20.11	39.64
59	18.67	18.99	41.11	59	19.40	19.72	40.13
60	18.27	18.58	41.69	60	19.01	19.32	40.66
61	17.86	18.17	42.30	61	18.60	18.92	41.21
62	17.44	17.75	42.94	62	18.20	18.51	41.80
63	17.02	17.33	43.64	63	17.78	18.09	42.42
64	16.59	16.90	44.37	64	17.36	17.67	43.08
65	16.16	16.46	45.16	65	16.94	17.24	43.78
66	15.72	16.02	46.00	66	16.51	16.81	44.53
67	15.27	15.56	46.91	67	16.07	16.36	45.34
68	14.81	15.10	47.90	68	15.62	15.91	46.21
69	14.34	14.63	48.97	69	15.16	15.45	47.14
70	14.22	14.49	48.08	70	15.09	15.37	46.10
71	13.71	13.98	49.34	71	14.60	14.87	47.19
72	13.20	13.46	50.70	72	14.10	14.36	48.37
73	12.68	12.94	52.19	73	13.59	13.86	49.65
74	12.16	12.42	53.81	74	13.08	13.34	51.05

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

MALE				FEMALE			
	Immediate				Immediate		
Age x	Annuity a_x	Mean \ddot{a}_x^*	Maximum Income**	Age y	Annuity a_y	Mean \ddot{a}_y^*	Maximum Income**
75	11.64	11.90	55.57	75	12.56	12.82	52.57
76	11.12	11.38	57.49	76	12.04	12.30	54.23
77	10.60	10.86	59.59	77	11.52	11.77	56.05
78	10.08	10.35	61.89	78	10.99	11.24	58.04
79	9.57	9.83	64.42	79	10.46	10.71	60.23
80	9.38	9.63	63.04	80	10.31	10.55	58.52
81	8.84	9.10	66.07	81	9.76	10.00	61.14
82	8.32	8.58	69.38	82	9.21	9.45	64.01
83	7.81	8.08	73.03	83	8.67	8.93	67.14
84	7.31	7.58	77.05	84	8.15	8.42	70.53
85	6.83	7.11	81.48	85	7.66	7.93	74.20
86	6.36	6.65	86.35	86	7.18	7.46	78.18
87	5.91	6.21	91.68	87	6.72	7.01	82.47
88	5.48	5.79	97.49	88	6.28	6.58	87.08
89	5.08	5.39	103.81	89	5.87	6.18	92.07
90	4.75	5.08	108.42	90	5.54	5.85	95.34
91	4.39	4.73	115.70	91	5.15	5.47	101.26
92	4.05	4.40	123.50	92	4.78	5.11	107.77
93	3.74	4.10	131.72	93	4.42	4.76	114.98
94	3.46	3.83	140.37	94	4.08	4.42	122.90
95	3.20	3.59	149.33	95	3.76	4.11	131.46
96	2.97	3.35	158.97	96	3.46	3.83	140.54
97	2.73	3.13	169.53	97	3.19	3.57	150.10
98	2.52	2.93	180.69	98	2.94	3.32	160.35
99	2.33	2.74	192.50	99	2.70	3.10	171.35
100	2.15	2.56	205.14	100	2.49	2.88	183.27
101	1.97	2.39	218.68	101	2.28	2.68	196.19
102	1.82	2.25	232.32	102	2.09	2.50	209.58
103	1.68	2.12	245.61	103	1.92	2.34	223.21
104	1.56	2.02	257.53	104	1.77	2.21	236.58
105	1.48	1.95	266.09	105	1.64	2.09	248.90
106	1.43	1.93	269.31	106	1.54	2.00	259.54
107	1.43	1.93	269.42	107	1.46	1.95	266.90
108	1.43	1.93	269.61	108	1.43	1.93	269.61
109	1.42	1.92	269.92	109	1.42	1.92	269.92
110	1.42	1.92	270.45	110	1.42	1.92	270.45
111	1.42	1.91	271.37	111	1.42	1.91	271.37
112	1.41	1.90	272.93	112	1.41	1.90	272.93
113	1.39	1.88	275.64	113	1.39	1.88	275.64
114	1.37	1.85	280.37	114	1.37	1.85	280.37
115	1.33	1.79	288.80	115	1.33	1.79	288.80

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims

<u>MALE</u>				<u>FEMALE</u>			
	Immediate	Mean	Maximum		Immediate	Mean	Maximum
Age x	Annuity a_x	\dot{a}_x^*	Income**	Age y	Annuity a_y	\dot{a}_y^*	Income**
116	1.26	1.70	304.42	116	1.26	1.70	304.42
117	1.14	1.54	335.42	117	1.14	1.54	335.42
118	0.93	1.26	406.33	118	0.93	1.26	406.33
119	0.59	0.79	639.53	119	0.59	0.79	639.53
120	0.00			120	0.00		

* See calculation of annuity reserves

** Per thousand of Gift. Assumes immediate payment of claims