

APPENDIX H

Actuarial Tables for Taxing Annuities

Gender based Tables I, II, IIA, and III, and Unisex Tables V, VI, VIA and VII for the taxing of annuities, appear on the following pages. (The IRS has provided a simplified method of taxing annuity payments from qualified plans and tax sheltered annuities, see Q 539.

Gender based Tables I-III are to be used if the investment in the contract does not include a post-June 30, 1986 investment in the contract. Unisex Tables V-VII are to be used if the investment in the contract includes a post-June 30, 1986 investment in the contract.

However, even if there is no investment in the contract after June 30, 1986, an annuitant receiving annuity payments after June 30, 1986 (regardless of when they first began) may elect to treat his entire investment in the contract as post-June 30, 1986 and apply Tables V-VIII. This election may be made for any taxable year in which such amounts are received by the taxpayer; it is irrevocable and applies with respect to all amounts the taxpayer receives as an annuity under the contract in the taxable year for which the election is made or in any subsequent tax year. The election is made by the taxpayer's attaching to his return for that year a statement that he is making the election under Treasury Regulation §1.72-9 to treat the entire investment in the contract as post-June 1986 investment.¹

If investment in the contract includes both a pre-July 1986 investment and a post-June 1986 investment, an election may be made to make separate computations with respect to each portion of the aggregate investment in the contract using with respect to each portion the tables applicable to it. The amount excludable is the sum of the amounts determined under the separate computations. However, the election is not available (i.e., the entire investment must be treated as post-June 1986 investment) if the annuity starting date is after June 30, 1986 and the contract provides an option (whether or not it is exercised) to receive amounts under the contract other than in the form of a life annuity. Thus, the election is not available if the contract provides: an option to receive a lump sum in full discharge of the obligation under the contract; an option to receive an amount under the contract after June 30, 1986 and before the annuity starting date; an option to receive an annuity for a period certain; an option to receive payments under a refund feature that is substantially equivalent to an annuity for a period certain (i.e., if its value determined under Table VII exceeds 50%); an option to receive a temporary life annuity that is substantially equivalent to an annuity for a period certain (i.e., if the multiple determined under Table VIII exceeds 50% of the maximum duration of the annuity).²

Treasury regulations extend some of the Tables to higher and lower ages, but the partial Tables are adequate for all practical purposes. The multiples in Tables I, II, and IIA, or V, VI and VIA need not be adjusted for monthly payments. For quarterly, semi-annual or annual payments, they must be adjusted according to the Frequency of Payment Adjustment Table, below. Table III and Table VII multiples, giving the percentage value of refund features, are never adjusted.

1. Treas. Reg. §1.72-9.

2. Treas. Reg. § 1.72-6(d).

2015 TAX FACTS ON INSURANCE & EMPLOYEE BENEFITS

ALL TABLES ARE ENTERED WITH AGE OF ANNUITANT AT BIRTHDAY NEAREST ANNUITY STARTING DATE.

Frequency of Payment Adjustment table

If the number of whole months from the annuity starting date to the first payment date is	0-1	2	3	4	5	6	7	8	9	10	11	12
And payments under the contract are to be made:												
Annually	+ .5	+ .4	+ .3	+ .2	+ .1	0	0	- .1	- .2	- .3	- .4	- .5
Semiannually	+ .2	+ .1	0	0	- .1	- .2	....	....	....	....	....	....
Quarterly	+ .1	0	- .1	....	....	....	....	....	....	....	....	....

Example. Ed Black bought an annuity contract on January 1 which provides him with an *annual* payment of \$4,000 payable on December 31st of each year. His age on birthday nearest the annuity starting date (January 1) is 66. The multiple from Table V for male age 66, is 19.2. This multiple must be adjusted for annual payment by subtracting .5 ($19.2 - .5 = 18.7$). Thus, his total expected return is \$74,800 ($18.7 \times \$4,000$). See Treas. Reg. §1.72-5(a)(2).

APPENDIX H: ACTUARIAL TABLES FOR TAXING ANNUITIES

**Table V – Ordinary Life Annuities – One Life –
Expected Return Multiples**

Age	Multiple	Age	Multiple	Age	Multiple
5	76.6	42	40.6	79	10.0
6	75.6	43	39.6	80	9.5
7	74.7	44	38.7	81	8.9
8	73.7	45	37.7	82	8.4
9	72.7	46	36.8	63	7.9
10	71.7	47	35.9	84	7.4
11	70.7	48	34.9	85	6.9
12	69.7	49	34.0	86	6.5
13	68.8	50	33.1	87	6.1
14	67.8	51	32.2	88	5.7
15	66.8	52	31.3	89	5.3
16	65.8	53	30.4	90	5.0
17	64.8	54	29.5	91	4.7
18	63.9	55	28.6	92	4.4
19	62.9	56	27.7	93	4.1
20	61.9	57	26.8	94	3.9
21	60.9	58	25.9	95	3.7
22	59.9	59	25.0	96	3.4
23	59.0	60	24.2	97	3.2
24	58.0	61	23.3	98	3.0
25	57.0	62	22.5	99	2.8
26	56.0	63	21.6	100	2.7
27	55.1	64	20.8	101	2.5
28	54.1	65	20.0	102	2.3
29	53.1	66	19.2	103	2.1
30	52.2	67	18.4	104	1.9
31	51.2	68	17.6	105	1.8
32	50.2	69	16.8	106	1.6
33	49.3	70	16.0	107	1.4
34	48.3	71	15.3	108	1.3
35	47.3	72	14.6	109	1.1
36	46.4	73	13.9	110	1.0
37	45.4	74	13.2	111	.9
38	44.4	75	12.5	112	.8
39	43.5	76	11.9	113	.7
40	42.5	77	11.2	114	.6
41	41.5	78	10.6	115	.5

**Table VI – Ordinary Joint Life and Last Survivor Annuities –
Two Lives – Expected Return Multiples**

AGES	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
35	54.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	53.5	53.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	53.0	52.5	52.0	...	...	...	...	...	...	...	...	...	...	...	...	...
38	52.6	52.0	51.5	51.0	...	...	...	...	...	...	...	...	...	...	...	...
39	52.2	51.6	51.0	50.5	50.0	...	...	...	...	...	...	...	...	...	...	...
40	51.8	51.2	50.6	50.0	49.5	49.0	...	...	...	...	...	...	...	...	...	...
41	51.4	50.8	50.2	49.6	49.1	48.5	48.0	...	...	...	...	...	...	...	...	...
42	51.1	50.4	49.8	49.2	48.6	48.1	47.5	47.0	...	...	...	...	...	...	...	...
43	50.8	50.1	49.5	48.8	48.2	47.6	47.1	46.6	46.0	...	...	...	...	...	...	...
44	50.5	49.8	49.1	48.5	47.8	47.2	46.7	46.1	45.6	45.1	...	...	...	...	...	...
45	50.2	49.5	48.8	48.1	47.5	46.9	46.3	45.7	45.1	44.6	44.1	...	...	...	...	...
46	50.0	49.2	48.5	47.8	47.2	46.5	45.9	45.3	44.7	44.1	43.6	43.1	...	...	...	...
47	49.7	49.0	48.3	47.5	46.8	46.2	45.5	44.9	44.3	43.7	43.2	42.6	42.1	...	...	...
48	49.5	48.8	48.0	47.3	46.6	45.9	45.2	44.5	43.9	43.3	42.7	42.2	41.7	41.2	...	...
49	49.3	48.5	47.8	47.0	46.3	45.6	44.9	44.2	43.6	42.9	42.3	41.8	41.2	40.7	40.2	...
50	49.2	48.4	47.6	46.8	46.0	45.3	44.6	43.9	43.2	42.6	42.0	41.4	40.8	40.2	39.7	39.2
51	49.0	48.2	47.4	46.6	45.8	45.1	44.3	43.6	42.9	42.2	41.6	41.0	40.4	39.8	39.3	38.7
52	48.8	48.0	47.2	46.4	45.6	44.8	44.1	43.3	42.6	41.9	41.3	40.6	40.0	39.4	38.8	38.3
53	48.7	47.9	47.0	46.2	45.4	44.6	43.9	43.1	42.4	41.7	41.0	40.3	39.7	39.0	38.4	37.9
54	48.6	47.7	46.9	46.0	45.2	44.4	43.6	42.9	42.1	41.4	40.7	40.0	39.3	38.7	38.1	37.5
55	48.5	47.6	46.7	45.9	45.1	44.2	43.4	42.7	41.9	41.2	40.4	39.7	39.0	38.4	37.7	37.1
56	48.3	47.5	46.6	45.8	44.9	44.1	43.3	42.5	41.7	40.9	40.2	39.5	38.7	38.1	37.4	36.8
57	48.3	47.4	46.5	45.6	44.8	43.9	43.1	42.3	41.5	40.7	40.0	39.2	38.5	37.8	37.1	36.4
58	48.2	47.3	46.4	45.5	44.7	43.8	43.0	42.1	41.3	40.5	39.7	39.0	38.2	37.5	36.8	36.1
59	48.1	47.2	46.3	45.4	44.5	43.7	42.8	42.0	41.2	40.4	39.6	38.8	38.0	37.3	36.6	35.9
60	48.0	47.1	46.2	45.3	44.4	43.6	42.7	41.9	41.0	40.2	39.4	38.6	37.8	37.1	36.3	35.6
61	47.9	47.0	46.1	45.2	44.3	43.5	42.6	41.7	40.9	40.0	39.2	38.4	37.6	36.9	36.1	35.4
62	47.9	47.0	46.0	45.1	44.2	43.4	42.5	41.6	40.8	39.9	39.1	38.3	37.5	36.7	35.9	35.1
63	47.8	46.9	46.0	45.1	44.2	43.3	42.4	41.5	40.6	39.8	38.9	38.1	37.3	36.5	35.7	34.9
64	47.8	46.8	45.9	45.0	44.1	43.2	42.3	41.4	40.5	39.7	38.8	38.0	37.2	36.3	35.5	34.8
65	47.7	46.8	45.9	44.9	44.0	43.1	42.2	41.3	40.4	39.6	38.7	37.9	37.0	36.2	35.4	34.6
66	47.7	46.7	45.8	44.9	44.0	43.1	42.2	41.3	40.4	39.5	38.6	37.8	36.9	36.1	35.2	34.4
67	47.6	46.7	45.8	44.8	43.9	43.0	42.1	41.2	40.3	39.4	38.5	37.7	36.8	36.0	35.1	34.3
68	47.6	46.7	45.7	44.8	43.9	42.9	42.0	41.1	40.2	39.3	38.4	37.6	36.7	35.8	35.0	34.2
69	47.6	46.6	45.7	44.8	43.8	42.9	42.0	41.1	40.2	39.3	38.4	37.5	36.6	35.7	34.9	34.1
70	47.5	46.6	45.7	44.7	43.8	42.9	41.9	41.0	40.1	39.2	38.3	37.4	36.5	35.7	34.8	34.0
71	47.5	46.6	45.6	44.7	43.8	42.8	41.9	41.0	40.1	39.1	38.2	37.3	36.5	35.6	34.7	33.9
72	47.5	46.6	45.6	44.7	43.7	42.8	41.9	40.9	40.0	39.1	38.2	37.3	36.4	35.5	34.6	33.8
73	47.5	46.5	45.6	44.7	43.7	42.8	41.8	40.9	40.0	39.0	38.1	37.2	36.3	35.4	34.6	33.7
74	47.5	46.5	45.6	44.7	43.7	42.7	41.8	40.9	39.9	39.0	38.1	37.2	36.3	35.4	34.5	33.6

APPENDIX H: ACTUARIAL TABLES FOR TAXING ANNUITIES

**Table VI – Ordinary Joint Life and Last Survivor Annuities –
Two Lives – Expected Return Multiples – continued**

AGES	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
75	47.4	46.5	45.5	44.7	43.6	42.7	41.8	40.8	39.9	39.0	38.1	37.1	36.2	35.3	34.5	33.6
76	47.4	46.5	45.5	44.7	43.6	42.7	41.7	40.8	39.9	38.9	38.0	37.1	36.2	35.3	34.4	33.5
77	47.4	46.5	45.5	44.7	43.6	42.7	41.7	40.8	39.8	38.9	38.0	37.1	36.2	35.3	34.4	33.5
78	47.4	46.4	45.5	44.5	43.6	42.6	41.7	40.7	39.8	38.9	38.0	37.0	36.1	35.2	34.3	33.4
79	47.4	46.4	45.5	44.5	43.6	42.6	41.7	40.7	39.8	38.9	37.9	37.0	36.1	35.2	34.3	33.4
80	47.4	46.4	45.5	44.5	43.6	42.6	41.7	40.7	39.8	38.8	37.9	37.0	36.1	35.2	34.2	33.4
81	47.4	46.4	45.5	44.5	43.5	42.6	41.6	40.7	39.8	38.8	37.9	37.0	36.0	35.1	34.2	33.3
82	47.4	46.4	45.4	44.5	43.5	42.6	41.6	40.7	39.7	38.8	37.9	36.9	36.0	35.1	34.2	33.3
83	47.4	46.4	45.4	44.5	43.5	42.6	41.6	40.7	39.7	38.8	37.9	36.9	36.0	35.1	34.2	33.3
84	47.4	46.4	45.4	44.5	43.5	42.6	41.6	40.7	39.7	38.8	37.8	36.9	36.0	35.0	34.1	33.2
85	47.4	46.4	45.4	44.5	43.5	42.6	41.6	40.7	39.7	38.8	37.8	36.9	36.0	35.0	34.1	33.2
86	47.3	46.4	45.4	44.5	43.5	42.5	41.6	40.6	39.7	38.8	37.8	36.9	36.0	35.0	34.1	33.2
87	47.3	46.4	45.4	44.5	43.5	42.5	41.6	40.6	39.7	38.7	37.8	36.9	35.9	35.0	34.1	33.2
88	47.3	46.4	45.4	44.5	43.5	42.5	41.6	40.6	39.7	38.7	37.8	36.9	35.9	35.0	34.1	33.2
89	47.3	46.4	45.4	44.4	43.5	42.5	41.6	40.6	39.7	38.7	37.8	36.9	35.9	35.0	34.1	33.2
90	47.3	46.4	45.4	44.4	43.5	42.5	41.6	40.6	39.7	38.7	37.8	36.9	35.9	35.0	34.1	33.2
AGES	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
51	38.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
52	37.8	37.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
53	37.3	36.8	36.3	...	...	...	...	...	...	...	...	...	...	...	...	...
54	36.9	36.4	35.8	35.3	...	...	...	...	...	...	...	...	...	...	...	...
55	36.5	35.9	35.4	34.9	34.4	...	...	...	...	...	...	...	...	...	...	...
56	36.1	35.6	35.0	34.4	33.9	33.4	...	...	...	...	...	...	...	...	...	...
57	35.8	35.2	34.6	34.0	33.5	33.0	32.5	...	...	...	...	...	...	...	...	...
58	35.5	34.8	34.2	33.6	33.1	32.5	32.0	31.5	...	...	...	...	...	...	...	...
59	35.2	34.5	33.9	33.3	32.7	32.1	31.6	31.1	30.6	...	...	...	...	...	...	...
60	34.9	34.2	33.6	32.9	32.3	31.7	31.2	30.6	30.1	29.7	...	...	...	...	...	...
61	34.6	33.9	33.3	32.6	32.0	31.4	30.8	30.2	29.7	29.2	28.7	...	...	...	...	...
62	34.4	33.7	33.0	32.3	31.7	31.0	30.4	29.9	29.3	28.8	28.3	27.8	...	...	...	...
63	34.2	33.5	32.7	32.0	31.4	30.7	30.1	29.5	28.9	28.4	27.8	27.3	26.9	...	...	...
64	34.0	33.2	32.5	31.8	31.1	30.4	29.8	29.2	28.6	28.0	27.4	26.9	26.4	25.9	...	...
65	33.8	33.0	32.3	31.6	30.9	30.2	29.5	28.9	28.2	27.6	27.1	26.5	26.0	25.5	25.0	...
66	33.6	32.9	32.1	31.4	30.6	29.9	29.2	28.6	27.9	27.3	26.7	26.1	25.6	25.1	24.6	24.1
67	33.5	32.7	31.9	31.2	30.4	29.7	29.0	28.3	27.6	27.0	26.4	25.8	25.2	24.7	24.2	23.7
68	33.4	32.5	31.8	31.0	30.2	29.5	28.8	28.1	27.4	26.7	26.1	25.5	24.9	24.3	23.8	23.3
69	33.2	32.4	31.6	30.8	30.1	29.3	28.6	27.8	27.1	26.5	25.8	25.2	24.6	24.0	23.4	22.9
70	33.1	32.3	31.5	30.7	29.9	29.1	28.4	27.6	26.9	26.2	25.6	24.9	24.3	23.7	23.1	22.5
71	33.0	32.2	31.4	30.5	29.7	29.0	28.2	27.5	26.7	26.0	25.3	24.7	24.0	23.4	22.8	22.2
72	32.9	32.1	31.2	30.4	29.6	28.8	28.1	27.3	26.5	25.8	25.1	24.4	23.8	23.1	22.5	21.9
73	32.8	32.0	31.1	30.3	29.5	28.7	27.9	27.1	26.4	25.6	24.9	24.2	23.5	22.9	22.2	21.6
74	32.8	31.9	31.1	30.2	29.4	28.6	27.8	27.0	26.2	25.5	24.7	24.0	23.3	22.7	22.0	21.4
75	32.7	31.8	31.0	30.1	29.3	28.5	27.7	26.9	26.1	25.3	24.6	23.8	23.1	22.4	21.8	21.1

**Table VI – Ordinary Joint Life and Last Survivor Annuities –
Two Lives – Expected Return Multiples – continued**

AGES	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
76	32.6	31.8	30.9	30.1	29.2	28.4	27.6	26.8	26.0	25.2	24.4	23.7	23.0	22.3	21.6	20.9
77	32.6	31.7	30.8	30.0	29.1	28.3	27.5	26.7	25.9	25.1	24.3	23.6	22.8	22.1	21.4	20.7
78	32.5	31.7	30.8	29.9	29.1	28.2	27.4	26.6	25.8	25.0	24.2	23.4	22.7	21.9	21.2	20.5
79	32.5	31.6	30.7	29.9	29.0	28.2	27.3	26.5	25.7	24.9	24.1	23.3	22.6	21.8	21.1	20.4
80	32.5	31.6	30.7	29.8	29.0	28.1	27.3	26.4	25.6	24.8	24.0	23.2	22.4	21.7	21.0	20.2
81	32.4	31.5	30.7	29.8	28.9	28.1	27.2	26.4	25.5	24.7	23.9	23.1	22.3	21.6	20.8	20.1
82	32.4	31.5	30.6	29.7	28.9	28.0	27.2	26.3	25.5	24.6	23.8	23.0	22.3	21.5	20.7	20.0
83	32.4	31.5	30.6	29.7	28.8	28.0	27.1	26.3	25.4	24.6	23.8	23.0	22.2	21.4	20.6	19.9
84	32.3	31.4	30.6	29.7	28.8	27.9	27.1	26.2	25.4	24.5	23.7	22.9	22.1	21.3	20.5	19.8
85	32.3	31.4	30.5	29.6	28.8	27.9	27.0	26.2	25.3	24.5	23.7	22.8	22.0	21.3	20.5	19.7
86	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1	25.3	24.5	23.6	22.8	22.0	21.2	20.4	19.6
87	32.3	31.4	30.5	29.6	28.7	27.8	27.0	26.1	25.3	24.4	23.6	22.8	21.9	21.1	20.4	19.6
88	32.3	31.4	30.5	29.6	28.7	27.8	27.0	26.1	25.2	24.4	23.5	22.7	21.9	21.1	20.3	19.5
89	32.3	31.4	30.5	29.6	28.7	27.8	26.9	26.1	25.2	24.4	23.5	22.7	21.9	21.1	20.3	19.5
90	32.3	31.3	30.5	29.5	28.7	27.8	26.9	26.1	25.2	24.3	23.5	22.7	21.8	21.0	20.2	19.4
91	32.3	31.3	30.4	29.4	28.5	27.6	26.7	25.8	24.9	24.0	23.1	22.2	21.3	20.4	19.5	18.6
92	32.3	31.3	30.4	29.4	28.4	27.5	26.6	25.7	24.8	23.9	23.0	22.1	21.2	20.3	19.4	18.5
93	32.3	31.3	30.4	29.4	28.4	27.4	26.5	25.6	24.7	23.8	22.9	22.0	21.1	20.2	19.3	18.4
94	32.3	31.3	30.4	29.4	28.3	27.4	26.5	25.6	24.7	23.8	22.9	22.0	21.1	20.2	19.3	18.4
95	32.3	31.3	30.4	29.3	28.4	27.4	26.5	25.6	24.7	23.8	22.9	22.0	21.1	20.2	19.3	18.4
96	32.3	31.3	30.4	29.3	28.3	27.3	26.4	25.5	24.6	23.7	22.8	21.9	21.0	20.1	19.2	18.3
97	32.3	31.3	30.4	29.3	28.3	27.3	26.4	25.5	24.6	23.7	22.8	21.9	21.0	20.1	19.2	18.3
98	32.3	31.3	30.4	29.3	28.3	27.3	26.4	25.5	24.6	23.7	22.8	21.9	21.0	20.1	19.2	18.3
99	32.3	31.3	30.4	29.3	28.3	27.3	26.4	25.5	24.6	23.7	22.8	21.9	21.0	20.1	19.2	18.3
100	32.3	31.3	30.4	29.3	28.3	27.3	26.4	25.5	24.6	23.7	22.8	21.9	21.0	20.1	19.2	18.3

AGES	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
67	23.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
68	22.8	22.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
69	22.4	21.9	21.5	...	...	...	...	...	...	...	...	...	...	...	...	...
70	22.0	21.5	21.1	20.6	...	...	...	...	...	...	...	...	...	...	...	...
71	21.7	21.2	20.7	20.2	19.8	...	...	...	...	...	...	...	...	...	...	...
72	21.3	20.8	20.3	19.8	19.4	18.9	...	...	...	...	...	...	...	...	...	...
73	21.0	20.5	20.0	19.4	19.0	18.5	18.1	...	...	...	...	...	...	...	...	...
74	20.8	20.2	19.6	19.1	18.6	18.2	17.7	17.3	...	...	...	...	...	...	...	...
75	20.5	19.9	19.3	18.8	18.3	17.8	17.3	16.9	16.5	...	...	...	...	...	...	...
76	20.3	19.7	19.1	18.5	18.0	17.5	17.0	16.5	16.1	15.7	...	...	...	...	...	...
77	20.1	19.4	18.8	18.3	17.7	17.2	16.7	16.2	15.8	15.4	15.0	...	...	...	...	...
78	19.9	19.2	18.6	18.0	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	...	...	...	...
79	19.7	19.0	18.4	17.8	17.2	16.7	16.1	15.6	15.1	14.7	14.3	13.9	13.5	...	...	...
80	19.5	18.9	18.2	17.6	17.0	16.4	15.9	15.4	14.9	14.4	14.0	13.5	13.2	12.8	...	...
81	19.4	18.7	18.1	17.4	16.8	16.2	15.7	15.1	14.6	14.1	13.7	13.2	12.8	12.5	12.1	...
82	19.3	18.6	17.9	17.3	16.6	16.0	15.5	14.9	14.4	13.9	13.4	13.0	12.5	12.2	11.8	11.5
83	19.2	18.5	17.8	17.1	16.5	15.9	15.3	14.7	14.2	13.7	13.2	12.7	12.3	11.9	11.5	11.1
84	19.1	18.4	17.7	17.0	16.3	15.7	15.1	14.5	14.0	13.5	13.0	12.5	12.0	11.6	11.2	10.9
85	19.0	18.3	17.6	16.9	16.2	15.6	15.0	14.4	13.8	13.3	12.8	12.3	11.8	11.4	11.0	10.6
86	18.9	18.2	17.5	16.8	16.1	15.5	14.8	14.2	13.7	13.1	12.6	12.1	11.6	11.2	10.8	10.4
87	18.8	18.1	17.4	16.7	16.0	15.4	14.7	14.1	13.5	13.0	12.4	11.9	11.4	11.0	10.6	10.1
88	18.8	18.0	17.3	16.6	15.9	15.3	14.6	14.0	13.4	12.8	12.3	11.8	11.3	10.8	10.4	10.0
89	18.7	18.0	17.2	16.5	15.8	15.2	14.5	13.9	13.3	12.7	12.2	11.6	11.1	10.7	10.2	9.8
90	18.7	17.9	17.2	16.5	15.8	15.1	14.5	13.8	13.2	12.6	12.1	11.5	11.0	10.5	10.1	9.6

APPENDIX H: ACTUARIAL TABLES FOR TAXING ANNUITIES

**Table VI – Ordinary Joint Life and Last Survivor Annuities –
Two Lives – Expected Return Multiples – continued**

AGES	83	84	85	86	87	88	89	90
83	10.8	...	...	...	...	...	...	...
84	10.5	10.2	...	...	...	...	...	...
85	10.2	9.9	9.6	...	...	...	...	...
86	10.0	9.7	9.3	9.1	...	...	...	...
87	9.8	9.4	9.1	8.8	8.5	...	...	...
88	9.6	9.2	8.9	8.6	8.3	8.0	...	...
89	9.4	9.0	8.7	8.3	8.1	7.8	7.5	...
90	9.2	8.8	8.5	8.2	7.9	7.6	7.3	7.1

