701—86.7 (450) Life estate, remainder and annuity tables—in general. For estates of decedents dying on or after July 4, 1965, and prior to January 1, 1986, the value of a life estate in property, an annuity for life and the value of a remainder interest in the property, shall be computed by the use of the commissioners' standard ordinary mortality table at the rate of 4 percent per annum.

86.7(1) *Tables for life estates and remainders.* This subrule only applies to estates of decedents dying on or after July 4, 1965, and prior to January 1, 1986. The two factors on the same line on the next page added together equal 100 percent. Multiply the corpus of the estate by the first factor to obtain the value of the life estate. Use the second factor to obtain the value of the remainder interest in the corpus if the tax is to be paid within 12 months after the death of the decedent who created the life estate remainder. If the tax on the remainder is to be paid prior to the death of the life tenant, but after one year from the decedent's death, use the remainder factor opposite the age of the life tenant at the time the tax is to be paid.

Age of Life Tenant	Life Estate	Remainder
0	.90164	.09836
1	.89936	.10064
2	.89900	.10100
3	.89676	.10324
4	.89396	.10604
5	.89104	.10896
6	.88792	.11208
7	.88464	.11536
8	.88120	.11880
9	.87756	.12244
10	.87380	.12620
11	.86984	.13016
12	.86576	.13424
13	.86152	.13848
14	.85716	.14284
15	.85268	.14732
16	.84808	.15192

Age of Life Tenant	Life Estate	Remainder
17	.84336	.15664
18	.83852	.16148
19	.83356	.16644
20	.82840	.17160
21	.82308	.17692
22	.81756	.18244
23	.81184	.18816
24	.80592	.19408
25	.79976	.20024
26	.79336	.20664
27	.78672	.21328
28	.77984	.22016
29	.77268	.22732
30	.76524	.23476
31	.75756	.24244
32	.74960	.25040
33	.74132	.25868
34	.73280	.26720
35	.72392	.27608
36	.71476	.28524
37	.70532	.29468
38	.69560	.30440
39	.68560	.31440
40	.67536	.32464

Age of Life Tenant	Life Estate	Remainder
41	.66488	.33512
42	.65412	.34588
43	.64316	.35684
44	.63192	.36808
45	.62044	.37956
46	.60872	.39128
47	.59680	.40320
48	.58464	.41536
49	.57228	.42772
50	.55972	.44028
51	.54700	.45300
52	.53412	.46588
53	.52104	.47896
54	.50788	.49212
55	.49452	.50548
56	.48108	.51892
57	.46756	.53244
58	.45392	.54608
59	.44024	.55976
60	.42652	.57348
61	.41280	.58720
62	.39908	.60092
63	.38538	.61462

Age of Life Tenant	Life Estate	Remainder
64	.37174	.62826
65	.35817	.64183
66	.34471	.65529
67	.33140	.66860
68	.31829	.68171
69	.30542	.69458
70	.29282	.70718
71	.28048	.71952
72	.26840	.73160
73	.25653	.74347
74	.24481	.75519
75	.23322	.76678
76	.22175	.77825
77	.21045	.78955
78	.19938	.80062
79	.18863	.81137
80	.17826	.82174
81	.16830	.83170
82	.15876	.84124
83	.14960	.85040
84	.14078	.85922
85	.13224	.86776
86	.12395	.87605

Age of Life Tenant	Life Estate	Remainder
87	.11584	.88416
88	.10785	.89215
89	.09990	.90010
90	.09192	.90808
91	.08386	.91614
92	.07563	.92437
93	.06715	.93285
94	.05826	.94174
95	.04866	.95134
96	.03801	.96199
97	.02595	.97405
98	.01275	.98725
99	.00000	1.00000

86.7(2) *Table for an annuity for life.* This subrule only applies to estates of decedents dying on or after July 4, 1965, and prior to January 1, 1986. To find the present value of an annuity or a given amount (specified sum) for life, annualize the annuity payments and multiply the result by the annuity factor in Column 3 opposite the age at the nearest birthday of the person receiving the annuity.

Column 1 Age in Years	Column 2 Life Expectancy in Years	Column 3 4% Annuities $1.00
0	68.30	22.541
1	67.78	22.484
2	66.90	22.475
3	66.00	22.419
4	65.10	22.349
5	64.19	22.276

Column 1 Age in Years	Column 2 Life Expectancy in Years	Column 3 4% Annuities $1.00
6	63.27	22.198
7	62.35	22.116
8	61.43	22.030
9	60.51	21.939
10	59.58	21.845
11	58.65	21.746
12	57.72	21.644
13	56.80	21.538
14	55.87	21.429
15	54.95	21.317
16	54.03	21.202
17	53.11	21.084
18	52.19	20.963
19	51.28	20.839
20	50.37	20.710
21	49.46	20.577
22	48.55	20.439
23	47.64	20.296
24	46.73	20.148
25	45.82	19.994
26	44.90	19.834
27	43.99	19.668
28	43.08	19.496

Column 1 Age in Years	Column 2 Life Expectancy in Years	Column 3 4% Annuities $1.00
29	42.16	19.317
30	41.25	19.131
31	40.34	18.939
32	39.43	18.740
33	38.51	18.533
34	37.60	18.320
35	36.69	18.098
36	35.78	17.869
37	34.88	17.633
38	33.97	17.390
39	33.07	17.140
40	32.18	16.884
41	31.29	16.622
42	30.41	16.353
43	29.54	16.079
44	28.67	15.798
45	27.81	15.511
46	26.95	15.218
47	26.11	14.920
48	25.27	14.616
49	24.45	14.307
50	23.63	13.993
51	22.82	13.675

Column 1 Age in Years	Column 2 Life Expectancy in Years	Column 3 4% Annuities $1.00
52	22.03	13.353
53	21.25	13.026
54	20.47	12.697
55	19.71	12.363
56	18.97	12.027
57	18.23	11.689
58	17.51	11.348
59	16.81	11.006
60	16.12	10.663
61	15.44	10.320
62	14.78	9.9770
63	14.14	9.6346
64	13.51	9.2935
65	12.90	8.9543
66	12.31	8.6178
67	11.73	8.2851
68	11.17	7.9572
69	10.64	7.6355
70	10.12	7.3204
71	9.63	7.0121
72	9.15	6.7101
73	8.69	6.4133
74	8.24	6.1203

Column 1 Age in Years	Column 2 Life Expectancy in Years	Column 3 4% Annuities $1.00
75	7.81	5.8304
76	7.39	5.5437
77	6.98	5.2612
78	6.59	4.9845
79	6.21	4.7158
80	5.85	4.4566
81	5.51	4.2076
82	5.19	3.9689
83	4.89	3.7399
84	4.60	3.5194
85	4.32	3.3061
86	4.06	3.0988
87	3.80	2.8961
88	3.55	2.6963
89	3.31	2.4975
90	3.06	2.2981
91	2.82	2.0965
92	2.58	1.8907
93	2.33	1.6787
94	2.07	1.4564

Column 1 Age in Years	Column 2 Life Expectancy in Years	Column 3 4% Annuities $1.00
95	1.80	1.2166
96	1.51	.9503
97	1.18	.6487
98	.83	.3189
99	.50	.0000

86.7(3) *Annuity tables when the term is certain.* This table is to be used to compute the present values of two types of annuities: (1) the use of property for a specific number of years and (2) an annuity of a specific amount of money for a number of years certain. To compute the present value of the first annuity, multiply the value of property by 4 percent. Then multiply the result by the annuity factor opposite the number of years of the annuity. Multiply the value of the property by the remainder factor for the present value of the remainder. For the second annuity annualize the payments and multiply the result by the annuity factor opposite the number of years of the annuity. Subtract the present value of the annuity from the value of the property from which the annuity is funded for the remainder value.

Number of Years	Present Value of an Annuity of One Dollar, Payable at the End of Each Year, for a Certain No. of Years ANNUITY	Present Value of One Dollar, Payable at the End of a Certain Number of Years REMAINDER
1	$0.96154	$0.961538
2	1.88609	0.924556
3	2.77509	0.888996
4	3.62990	0.854804
5	4.45182	0.821927
6	5.24214	0.790315
7	6.00205	0.759918
8	6.73274	0.730690
9	7.43533	0.702587
10	8.11090	0.675564

Number of Years	Present Value of an Annuity of One Dollar, Payable at the End of Each Year, for a Certain No. of Years	Present Value of One Dollar, Payable at the End of a Certain Number of Years
	ANNUITY	REMAINDER
11	8.76048	0.649581
12	9.38507	0.624597
13	9.98565	0.600574
14	10.56312	0.577475
15	11.11839	0.555265
16	$11.65230	$0.533908
17	12.16567	0.513373
18	12.65930	0.493628
19	13.13394	0.474642
20	13.59033	0.456387
21	14.02916	0.438834
22	14.45112	0.421955
23	14.85684	0.405726
24	15.24696	0.390121
25	15.62208	0.375117
26	15.98277	0.360689
27	16.32959	0.346817
28	16.66306	0.333477
29	16.98371	0.320651
30	17.29203	0.308319

86.7(4) *Tables for life estates and remainders for estates of decedents dying on or after January 1, 1986, and prior to January 1, 2004.* For estates of decedents dying on or after January 1, 1986, and prior to January 1, 2004, the following tables are to be used in computing the value of a life estate, an annuity for life and the value of a remainder in property. The table is based on the commissioners'

standard ordinary mortality tables of life expectancy, with no distinction being made between the life expectancy of males and females of the same age. As a result, the sex of the recipient is not relevant in computing the value of the property interest received. *Arizona Governing Committee for Tax Deferred Annuity and Deferred Compensation Plans v. Norris,* 463 U.S. 1073, 103 S.Ct. 3492, 77 L.Ed.2d 1236 (1983). Valuation is based on the age at the nearest birthday. The following table is to be applied in the same manner as specified in subrule 86.7(1).

1980 CSO-D MORTALITY TABLE
BASED ON BLENDING 50% MALE—50% FEMALE
(PIVOTAL AGE 45)
AGE NEAREST BIRTHDAY
4% INTEREST

AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER	AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER
0	.91904	.08096	50	.61730	.38270
1	.91919	.08081	51	.60576	.39424
2	.91689	.08311	52	.59399	.40601
3	.91443	.08557	53	.58199	.41801
4	.91186	.08814	54	.56979	.43021
5	.90914	.09086	55	.55740	.44260
6	.90629	.09371	56	.54483	.45517
7	.90329	.09671	57	.53206	.46794
8	.90014	.09986	58	.51906	.48094
9	.89683	.10317	59	.50582	.49418
10	.89338	.10662	60	.49234	.50766
11	.88977	.11023	61	.47862	.52138
12	.88603	.11397	62	.46471	.53529
13	.88219	.11781	63	.45064	.54936
14	.87828	.12172	64	.43647	.56353
15	.87429	.12571	65	.42226	.57774
16	.87027	.12973	66	.40801	.59199
17	.86617	.13383	67	.39372	.60628
18	.86200	.13800	68	.37936	.62064
19	.85773	.14227	69	.36489	.63511
20	.85333	.14667	70	.35031	.64969
21	.84878	.15122	71	.33565	.66435
22	.84404	.15596	72	.32098	.67902
23	.83912	.16088	73	.30639	.69361
24	.83399	.16601	74	.29199	.70801
25	.82865	.17135	75	.27787	.72213
26	.82306	.17694	76	.26405	.73595
27	.81724	.18276	77	.25053	.74947
28	.81117	.18883	78	.23727	.76273
29	.80487	.19513	79	.22422	.77578

AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER	AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER
30	.79833	.20167	80	.21134	.78866
31	.79155	.20845	81	.19866	.80134
32	.78451	.21549	82	.18625	.81375
33	.77723	.22277	83	.17419	.82581
34	.76970	.23030	84	.16260	.83740
35	.76192	.23808	85	.15151	.84849
36	.75389	.24611	86	.14093	.85907
37	.74562	.25438	87	.13081	.86919
38	.73710	.26290	88	.12108	.87892
39	.72836	.27164	89	.11163	.88837
40	.71940	.28060	90	.10235	.89765
41	.71022	.28978	91	.09309	.90691
42	.70083	.29917	92	.08368	.91632
43	.69122	.30878	93	.07390	.92610
44	.68138	.31862	94	.06350	.93650
45	.67131	.32869	95	.05221	.94779
46	.66101	.33899	96	.03994	.96006
47	.65046	.34954	97	.02678	.97322
48	.63966	.36034	98	.01321	.98679
49	.62860	.37140	99	.00000	1.00000

86.7(5) *Table for an annuity for life—for estates of decedents dying on or after January 1, 1986, and prior to January 1, 2004.* The following table is to be used in computing the present value of an annuity of a given amount (specified sum) for life in estates of decedents dying on or after January 1, 1986, and prior to January 1, 2004. The table is to be used in the same manner as the table listed in subrule 86.7(2).

1980 CSO-D MORTALITY TABLE
BASED ON BLENDING 50% MALE—50% FEMALE
(PIVOTAL AGE 45)
AGE NEAREST BIRTHDAY
4% INTEREST

AGE IN	LIFE EXPECTANCY	ANNUITIES	AGE IN	LIFE EXPECTANCY	ANNUITIES

YEARS	IN YEARS	$1.00	YEARS	IN YEARS	$1.00
0	73.30	22.976	50	27.45	15.433
1	72.56	22.980	51	26.61	15.144
2	71.63	22.922	52	25.77	14.850
3	70.70	22.861	53	24.94	14.550
4	69.76	22.796	54	24.13	14.245
5	68.82	22.728	55	23.32	13.935
6	67.87	22.657	56	22.52	13.621
7	66.93	22.582	57	21.73	13.301
8	65.98	22.504	58	20.95	12.976
9	65.03	22.421	59	20.18	12.645
10	64.07	22.334	60	19.41	12.308
11	63.12	22.244	61	18.66	11.966
12	62.16	22.151	62	17.91	11.618
13	61.21	22.055	63	17.18	11.266
14	60.27	21.957	64	16.45	10.912
15	59.32	21.857	65	15.75	10.557
16	58.39	21.757	66	15.05	10.200
17	57.46	21.654	67	14.38	9.843
18	56.53	21.550	68	13.71	9.484
19	55.61	21.443	69	13.06	9.122
20	54.69	21.333	70	12.42	8.758
21	53.77	21.219	71	11.79	8.391
22	52.85	21.101	72	11.17	8.024
23	51.93	20.978	73	10.57	7.660
24	51.01	20.850	74	10.00	7.300
25	50.08	20.716	75	9.44	6.947
26	49.15	20.576	76	8.91	6.601
27	48.23	20.431	77	8.39	6.263
28	47.30	20.279	78	7.90	5.932
29	46.36	20.122	79	7.42	5.605

AGE IN YEARS	LIFE EXPECTANCY IN YEARS	ANNUITIES $1.00	AGE IN YEARS	LIFE EXPECTANCY IN YEARS	ANNUITIES $1.00
30	45.43	19.958	80	6.96	5.283
31	44.50	19.789	81	6.52	4.967
32	43.57	19.613	82	6.09	4.656
33	42.64	19.431	83	5.68	4.355
34	41.72	19.242	84	5.29	4.065
35	40.79	19.048	85	4.93	3.788
36	39.87	18.847	86	4.58	3.523
37	38.94	18.640	87	4.26	3.270
38	38.03	18.428	88	3.95	3.027
39	37.11	18.209	89	3.66	2.791
40	36.21	17.985	90	3.37	2.559
41	35.30	17.756	91	3.09	2.327
42	34.41	17.521	92	2.81	2.092
43	33.52	17.280	93	2.52	1.848
44	32.63	17.035	94	2.22	1.588
45	31.75	16.783	95	1.90	1.305
46	30.88	16.525	96	1.56	.999
47	30.01	16.261	97	1.20	.670
48	29.15	15.991	98	.84	.330
49	28.30	15.715	99	.50	.000

86.7(6) *Table for life estates and remainders for estates of decedents dying on or after January 1, 2004.* For estates of decedents dying on or after January 1, 2004, the following table is to be used in computing the value of a life estate, an annuity for life and the value of a remainder in property. The following table is to be applied in the same manner as specified in subrule 86.7(1).

2001 CSO-D MORTALITY TABLE
BASED ON BLENDING 50% MALE—50% FEMALE
(PIVOTAL AGE 45)
AGE NEAREST BIRTHDAY
4% INTEREST

The two factors across the page equal 100 percent. Multiply the corpus of the estate by the first factor to obtain value of the life estate.

Use the second factor to obtain the remainder interest if the tax is to be paid at the time of probate or to determine if there would be any tax due.

AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER	AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER
0	0.94022	0.05978	60	0.54240	0.45760
1	0.93854	0.06146	61	0.52918	0.47082
2	0.93653	0.06347	62	0.51579	0.48421
3	0.93431	0.06569	63	0.50229	0.49771
4	0.93192	0.06808	64	0.48868	0.51132
5	0.92939	0.07061	65	0.47495	0.52505
6	0.92676	0.07324	66	0.46112	0.53888
7	0.92402	0.07598	67	0.44717	0.55283
8	0.92119	0.07881	68	0.43306	0.56694
9	0.91825	0.08175	69	0.41882	0.58118
10	0.91519	0.08481	70	0.40442	0.59558
11	0.91202	0.08789	71	0.38991	0.61009
12	0.90874	0.09126	72	0.37533	0.62467
13	0.90537	0.09463	73	0.36081	0.63919
14	0.90192	0.09808	74	0.34633	0.65367
15	0.89837	0.10163	75	0.33189	0.66811
16	0.89475	0.10525	76	0.31751	0.68249
17	0.89107	0.10893	77	0.30318	0.69682
18	0.88731	0.11269	78	0.28898	0.71102
19	0.88344	0.11656	79	0.27495	0.72505
20	0.87944	0.12056	80	0.26116	0.73884
21	0.87529	0.12471	81	0.24761	0.75239
22	0.87098	0.12902	82	0.23452	0.76548
23	0.86651	0.13349	83	0.22188	0.77812
24	0.86186	0.13814	84	0.20962	0.79038
25	0.85704	0.14296	85	0.19778	0.80222
26	0.85205	0.14795	86	0.18642	0.81358
27	0.84688	0.15312	87	0.17540	0.82460
28	0.84154	0.15846	88	0.16507	0.83493
29	0.83599	0.16401	89	0.15544	0.84456
30	0.83022	0.16978	90	0.14650	0.85350
31	0.82421	0.17579	91	0.13802	0.86198
32	0.81798	0.18202	92	0.12909	0.87091
33	0.81151	0.18849	93	0.12008	0.87992
34	0.80480	0.19520	94	0.11133	0.88867
35	0.79786	0.20214	95	0.10320	0.89680
36	0.79068	0.20932	96	0.09618	0.90382
37	0.78326	0.21674	97	0.09014	0.90986

AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER	AGE OF LIFE TENANT	LIFE ESTATE	REMAINDER
38	0.77559	0.22441	98	0.08532	0.91468
39	0.76767	0.23233	99	0.07952	0.92048
40	0.75949	0.24051	100	0.07338	0.92662
41	0.75104	0.24896	101	0.06745	0.93255
42	0.74233	0.25767	102	0.06160	0.93840
43	0.73335	0.26665	103	0.05590	0.94410
44	0.72412	0.27588	104	0.05042	0.94958
45	0.71463	0.28537	105	0.04523	0.95477
46	0.70490	0.29510	106	0.04045	0.95955
47	0.69491	0.30509	107	0.03604	0.96396
48	0.68468	0.31532	108	0.03199	0.96801
49	0.67415	0.32585	109	0.02823	0.97177
50	0.66333	0.33667	110	0.02479	0.97521
51	0.65223	0.34777	111	0.02174	0.97826
52	0.64086	0.35914	112	0.01899	0.98101
53	0.62926	0.37074	113	0.01643	0.98357
54	0.61743	0.38257	114	0.01357	0.98643
55	0.60539	0.39461	115	0.01107	0.98893
56	0.59317	0.40683	116	0.00869	0.99131
57	0.58077	0.41923	117	0.00638	0.99362
58	0.56821	0.43179	118	0.00437	0.99563
59	0.55542	0.44458	119	0.00246	0.99754
			120	0.00000	1.00000

86.7(7) *Table for an annuity for life—for estates of decedents dying on or after January 1, 2004.* The following table is to be used in computing the present value of an annuity of a given amount (specified sum) for life in estates of decedents dying on or after January 1, 2004. The table is to be used in the same manner as the table listed in subrule 86.7(2).

2001 CSO-D MORTALITY TABLE
BASED ON BLENDING 50% MALE—50% FEMALE
(PIVOTAL AGE 45)
AGE NEAREST BIRTHDAY
4% INTEREST

To find the present value of an annuity or a given amount (specified sum) for life, multiply the annuity by the annuity factor opposite the age at the nearest birthday of the person receiving the annuity.

AGE IN YEARS	LIFE EXPECTANCY IN YEARS	ANNUITIES $1.00
0	78.65	23.505
1	77.73	23.464
2	76.78	23.413
3	75.81	23.358
4	74.84	23.298
5	73.86	23.235
6	72.87	23.169
7	71.89	23.101
8	70.91	23.030
9	69.92	22.956
10	68.94	22.880
11	67.95	22.801
12	66.97	22.718
13	65.99	22.634
14	65.01	22.548
15	64.04	22.459
16	63.07	22.369
17	62.11	22.277
18	61.15	22.183
19	60.19	22.086
20	59.23	21.986
21	58.27	21.882
22	57.32	21.774
23	56.36	21.663
24	55.40	21.547
25	54.45	21.426
26	53.49	21.301
27	52.53	21.172
28	51.58	21.038
29	50.63	20.900
30	49.67	20.755
31	48.72	20.605
32	47.76	20.449
33	46.81	20.288
34	45.85	20.120
35	44.90	19.946
36	43.95	19.767
37	43.00	19.581
38	42.05	19.390
39	41.11	19.192
40	40.16	18.987
41	39.22	18.776

AGE IN YEARS	LIFE EXPECTANCY IN YEARS	ANNUITIES $1.00
42	38.28	18.558
43	37.35	18.334
44	36.42	18.103
45	35.49	17.866
46	34.57	17.623
47	33.65	17.373
48	32.74	17.117
49	31.84	16.854
50	30.94	16.583
51	30.04	16.306
52	29.15	16.021
53	28.27	15.731
54	27.40	15.436
55	26.54	15.135
56	25.68	14.829
57	24.84	14.519
58	24.01	14.205
59	23.19	13.886
60	22.38	13.560
61	21.57	13.229
62	20.78	12.895
63	20.00	12.557
64	19.24	12.217
65	18.49	11.874
66	17.75	11.528
67	17.02	11.179
68	16.31	10.827
69	15.60	10.470
70	14.91	10.110
71	14.23	9.748
72	13.56	9.383
73	12.91	9.020
74	12.28	8.658
75	11.66	8.297
76	11.06	7.938
77	10.47	7.580
78	9.91	7.224
79	9.36	6.874
80	8.83	6.529
81	8.32	6.190
82	7.84	5.863
83	7.38	5.547
84	6.94	5.240

AGE IN YEARS	LIFE EXPECTANCY IN YEARS	ANNUITIES $1.00
85	6.52	4.944
86	6.13	4.660
87	5.75	4.385
88	5.41	4.127
89	5.09	3.886
90	4.79	3.662
91	4.51	3.451
92	4.23	3.227
93	3.94	3.002
94	3.67	2.783
95	3.43	2.580
96	3.21	2.405
97	3.03	2.253
98	2.88	2.133
99	2.71	1.988
100	2.53	1.835
101	2.35	1.686
102	2.18	1.540
103	2.02	1.398
104	1.87	1.260
105	1.72	1.131
106	1.59	1.011
107	1.47	0.901
108	1.35	0.800
109	1.25	0.706
110	1.16	0.620
111	1.08	0.544
112	1.00	0.475
113	0.93	0.411
114	0.86	0.339
115	0.79	0.277
116	0.73	0.217
117	0.67	0.159
118	0.61	0.109
119	0.56	0.062
120	0.50	0.000

This rule is intended to implement Iowa Code sections 450.51 and 450.52.

[**ARC 1137C**, IAB 10/30/13, effective 12/4/13]