

**Chapter Ret 4**  
**ACTUARIAL TABLES**

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**Ret 4.01 Tables and procedures.** The tables and procedures contained in this chapter, submitted by the actuary, are approved for use in making actuarial computations.

**Ret 4.011 Life annuity.** The following basic table, herein termed "Table E-Life—Employee Life Annuity", shall be used to compute the monthly annuity authorized by section 41.11 (6), Wis. Stats., which can be provided by each \$1,000 of available accumulated credits as provided below:

**Rule Ret 4.011**  
**TABLE E—LIFE**  
**EMPLOYEE LIFE ANNUITY**

Age	Monthly Life Annuity Purchased by Each \$1,000 of Accumulated Credits		
	Employer Factors	Normal Factors	Additional Factors
55	\$ 5.746	\$ 5.589	\$ 5.446
56	5.878	5.709	5.556
57	6.019	5.836	5.663
58	6.169	5.966	5.790
59	6.329	6.110	5.909
60	6.502	6.263	6.047
61	6.686	6.426	6.179
62	6.885	6.601	6.333
63	7.098	6.786	6.497
64	7.327	6.984	6.673
65	7.573	7.196	6.887
66	7.836	7.422	7.083
67	8.119	7.665	7.243
68	8.423	7.925	7.466
69	8.751	8.205	7.668
70	9.108	8.504	7.918
71	9.494	8.823	8.136
72	9.903	9.135	8.497
73	10.353	9.497	8.748
74	10.829	9.886	9.074
75	11.340	10.309	9.425
76	11.890	10.750	9.714
77	12.478	11.229	10.111
78	13.105	11.671	10.481
79	13.770	12.211	10.942
80	14.471	12.798	11.297
81	15.208	13.313	11.748
82	15.983	13.978	12.141
83	16.801	14.564	12.658
84	17.664	15.182	13.222
85	18.578	16.012	13.700

(1) Table E-Life may be extended as required to other ages on the same actuarial basis as the values published herein.

(2) The amount of monthly annuity provided by accumulated prior service credits and municipality credits shall be computed by application of the employer credit factor at the age of the annuitant on the date the annuity begins.

(3) The amount of monthly annuity provided by accumulated normal credits and additional credits shall be computed by application of the normal and additional factors, respectively, at the age of the annuitant on the date the annuity begins.

**History:** 1-2-56; am. Register, November, 1957, No. 23, eff. 12-31-57; r. and recr., Register, June 1967, No. 133, eff. 7-1-67; am. intro. par. Register, February, 1970, No. 170, eff. 3-1-70.

**Ret 4.012 Employee 180 payment annuity.** The following basic table, herein termed "Table E-180-Employee 180 Month Certain," shall be used to compute the annuity authorized by section 41.11 (7) (a) to (d) inclusive, Wis. Stats., which is the actuarial equivalent of an annuity payable under section 41.11 (6):

**Table E-180**  
**Employee 180 Month Certain**  
**Amount of Optional Annuity Actuarially Equivalent to Ordinary Annuity**

Age	Reduction Factors	Age	Reduction Factors
55	.9474	71	.7264
56	.9414	72	.7029
57	.9346	73	.6786
58	.9269	74	.6538
59	.9185	75	.6285
60	.9090	76	.6030
61	.8985	77	.5770
62	.8869	78	.5519
63	.8740	79	.5273
64	.8599	80	.5035
65	.8444	81	.4807
66	.8278	82	.4587
67	.8101	83	.4377
68	.7912	84	.4176
69	.7709	85	.3984
70	.7494		

(1) Table E-180 may be extended as required to other ages on the same actuarial basis as the values published herein.

(2) The amount of annuity with a guarantee of 180 monthly payments shall be computed by application to the amount of annuity payable if no optional form is elected, of the Table E-180 factor at the age of the annuitant on the date the annuity begins.

**History:** 1-2-56; am. Register, November, 1957, No. 23, eff. 12-31-57; r. and recr., Register, June, 1967, No. 133, eff. 7-1-67; am. intro. and Table E-180, Register, February, 1970, No. 170, eff. 3-1-70.

**Ret 4.013 Employee 120 payment annuity.** The following basic table, herein termed "Table E-120-Employee 120 Month Certain," shall be Register, January, 1972, No. 193

to age 62 reduced by the estimated primary social security benefit payable at age 62.

(f) The total monthly annuity payable to the beneficiary in any month he survives after the death of the participant, shall be 75% of the amount of the annuity which would have been paid in such month to the participant if living.

(3) No combined-option annuity may be elected if the amount payable monthly thereunder to the participant during his lifetime after attaining age 62 would be less than \$25.00.

**History:** Cr. Register, November, 1970, No. 179, eff. 1-1-71.

**Ret 4.60 Special life annuity.** In lieu of a retirement annuity in the normal form any participant may elect to receive the actuarial equivalent thereof as a life annuity terminating at the end of the month prior to the month in which the annuitant dies, with no death benefit to be paid thereafter. An annuity payable pursuant to this subsection shall be computed by the actuary, and certified to the board, on the basis of the mortality and interest rates underlying table E—Life as set forth in Ret 4.011.

**History:** Cr. Register, January, 1972, No. 193, eff. 2-1-72.

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