Chapter Ret 4 ACTUARIAL TABLES

Ret Ret	4.01	Tables and procedures	Ret 4.021	Disability annuity
Ret	4 012	Employe 180 payment an-	1000 1.0000	offset
1000	1.014	nuity	Ret 4.031	Beneficiary life annuity
Ret	4.013	Employe 120 payment an-	Ret 4.032	Beneficiary 180 payment
		nuity		annuity
Ret	4.014	Employe joint annuity	Ret 4.033	Widow integrated annuity
Ret	4.015	Employe integrated annu-	Ret 4.11	Prescribed interest
		ity	Ret 4.31	Disability premiums
Ret	4.016	Formula early retirement	Ret 4.32	Disability reserve
		annuity	Ret 4.35	Special disability contribu-
Ret	4.017	Optional formula retire-		tion rates
		ment annuities		

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 Employe life annuity. The following basic table, herein termed "Table E-Life-Employe Life Annuity", shall be used to compute the annuity authorized by section 66.906 (2), Wis. Stats., and shall determine the monthly annuity provided by each \$1,000 of available accumulated credits as provided below:

Age at Patinoment	Employer C	redit Factors	Employe Credit Factors		
Age at itetirement	Basic Factor	Yearly Adjustment	Basic Factor	Yearly Adjustment	
55 56 57 58 69		\$.0139 .0146 .0156 .0166 .0177	\$ 5.518 5.646 5.784 5.928 6.082	\$.0120 .0128 .0138 .0144 .0154	
606162636464646666666666	$\begin{array}{c} 6.577 \\ 6.780 \\ 7.000 \\ 7.234 \\ 7.487 \end{array}$.0190 .0203 .0220 .0234 .0253	$\begin{array}{c} 6.246 \\ 6.422 \\ 6.608 \\ 6.806 \\ 7.016 \end{array}$.0164 .0176 .0186 .0198 .0210	
6566676869	7.758 8.048 8.357 8.685 9.036	$\begin{array}{r} .0271 \\ .0290 \\ .0309 \\ .0328 \\ .0351 \end{array}$	$7.238 \\ 7.476 \\ 7.732 \\ 8.005 \\ 8.292$.0222 .0238 .0256 .0278 .0287	
70 71 72 78 74	$\begin{array}{r} 9.413 \\ 9.820 \\ 10.256 \\ 10.725 \\ 11.228 \end{array}$	$.0377 \\ .0407 \\ .0436 \\ .0469 \\ .0503$	$8.596 \\ 8.924 \\ 9.280 \\ 9.665 \\ 10.068$.0304 .0328 .0356 .0385 .0403	
75 76 77 78 79	$\begin{array}{c} 11.767 \\ 12.846 \\ 12.970 \\ 13.636 \\ 14.842 \end{array}$.0539 .0579 .0624 .0666 .0706	$10.489 \\ 10.942 \\ 11.426 \\ 11.948 \\ 12.512$.0421 .0453 .0484 .0522 .0564	
80 81 82 83 84	15.085 15.861 16.669 17.510 18.386	.0743 .0776 .0808 .0841 .0876	$13.085 \\ 13.656 \\ 14.248 \\ 14.872 \\ 15.534$.0573 .0571 .0592 .0624 .0662	
85	19.800	.0914	16.241	.0707	

TABLE E—LIFE EMPLOYE LIFE ANNUITY

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The actuarial basis for Table E-Life is the 1951 Group Annuity mortality table (males) rated down one-half year of age with interest at 3½% per annum. Values at ages not given in Table E-Life shall be computed on the same actuarial basis. The yearly adjustment provides an additional rate-down of .1 year of age for each year of time.

(1) The amount of monthly annuity provided by prior service credits and municipality credits shall be computed by application of the employer credit factors.

(2) The amount of monthly annuity provided by normal credits and additional credits shall be computed by application of the employe credit factors.

(3) An annuity commencing in 1958 shall be computed by application of the respective basic factors. In the case of an annuity commencing after 1958 the respective basic factors shall be reduced by the amount of the yearly adjustment multiplied by the difference between the year of commencement and 1958.

(4) If the accumulated normal and additional credits shall exceed 60% of all accumulated credits available to provide the annuity, the employe credit factor after being adjusted pursuant to (3) shall be reduced by a percentage equal to (i) plus (ii) as follows:

(i) .01% for each full year by which the age of the participant exceeds 43 years; plus

(ii) .005% for each full year by which the age of the participant exceeds 65 years

multiplied by the difference between (iii) one-hundred times the ratio accumulated additional and normal credits shall bear to total available credits, and (iv) 50.

History: 1-2-56; am. Register, November, 1957, No. 23, eff. 12-31-57.

(c) Drop-out period. Eliminate a period of calendar years in the taxable period not to exceed 5 years, when taxable earnings are lowest. Notwithstanding the above, the taxable wages and the number of months in any year shall not be eliminated in making the calculation if such elimination would result in dividing by a period less than 18 months.

(d) Average monthly wage. Divide (a) the sum of the taxable wages in the taxable period, by (b) the number of months in the taxable period, after excluding the taxable wages and the months in the drop-out period to ascertain the average monthly wage. If (b) is less than 18, it should be taken as 18. Eliminate cents from the result.

(e) Monthly primary social security benefit. Ascertain the benefit as determined from the table of retirement benefits issued by the U. S. Bureau of Old Age, Survivors and Disability Insurance on the basis of the average monthly wage.

(2) Determine the actuarial equivalent factor to be used for the employe from Table E-1 Integrated interpolating for the exact age on the first day the annuity is to begin.

TABLE E-1—INTEGRATED OPTION IV—OPTIONAL INTEGRATED ANNUITY (Effective January 1, 1966)

Exact Age Actuarial Annuity Begins Equivalent 46.523% 55____ 49.761 56_____ 57..... 53.31558_____ 57.22759_____ 61.54460_____ 66.32561._____ 71.63562_____ 77.553 63_____ 84.174 91.611 64_____ 100.000 65_____

OPTIONAL INTEGRATED ANNUITY Section 66,906, Wis. Stats., Actuarial Equivalent Factors

(3) Multiply the estimated primary social security benefit at age 65 by the actuarial equivalent factor.

(4) Determine the ordinary retirement annuity under section 66.906(2) (b), Wis. Stats.

(5) Determine the sum of the results obtained in items 3 and 4.

(6) If the amount in item 5 exceeds the estimated primary social security benefit at age 65, item 1, by at least \$10.00, the amount in item 5 is payable monthly during life and terminating with the payment due in the month in which the participant attains age 65, and the amount payable during life thereafter will equal the amount payable prior to age 65 reduced by the estimated primary social security benefit, item 1.

(7) If the amount in item 5 does not exceed the estimated primary social security benefit at age 65, item 1, by at least \$10.00, the amount payable prior to age 65 will be determined as follows:

(a) Subtract \$10.00 from the ordinary retirement annuity, item 4.

(b) Subtract the actuarial equivalent factor, item 2, from 100%.

(c) Divide the amount obtained in (a) by the amount obtained in (b) and add \$10.00 to the result.

(d) The result in paragraph (c) is payable monthly during life and terminating with the payment due in the month in which the participant attains age 65, and the amount payable for life thereafter will be \$10.00 a month.

History: 1-2-56; am. (1) (a), (b), (c), and (2), Register, November, 1957, No. 23, eff. 12-31-57; am. (1) (a), Register, October, 1959, No. 46, eff. 11-1-59; am. (2), Register, December, 1965, No. 120, eff. 1-1-66.

Ret 4.016 Formula early retirement annuity. The annuity in the normal form beginning prior to the normal retirement date of a participant which is the actuarial equivalent of a formula annuity deferred to the normal retirement date shall be computed as follows:

(1) Determine pursuant to section 66.906 (2) (c) 3. Wis. Stats., the formula annuity which would be payable to the participant if deferred to his normal retirement age.

(2) Determine the commuted value of the amount of death benefit payable with respect to the deferred formula annuity if the death of the participant occurs prior to its commencement as follows:

(a) The amount equal to the death benefit which would be payable pursuant to section 66.908 (2) (a), exclusive of any amount provided by accumulated additional credits, if the death of the participant occurred on the date as of which his early retirement annuity begins; reduced (increased) by the amount equal to 200% of the excess (deficiency) defined in section 66.906 (2) (c) 2.; or

(b) The amount equal to the accumulated normal credits of the participant as of the date as of which his early retirement annuity begins, reduced (increased) by the amount equal to 100% of the excess (deficiency) defined in section 66.906 (2) (c) 2.

(c) Paragraph (a) shall be applicable if the beneficiary to whom a death benefit would be payable is a spouse, parent, child (including legally adopted child), grandchild, brother, or sister of the participant who was designated as a beneficiary on the last date for which the participant was paid; and the participant has credit for at least 60 calendar quarter years;

(d) Paragraph (b) shall be applicable if paragraph (a) is not applicable.

(3) Compute the early annuity in the normal form actuarially equivalent to the deferred annuity as follows:

(a) Compute to the nearest $\frac{1}{10}$ year the age of the participant as of the date the early retirement annuity begins.

(b) Determine the Table E—Early factors applicable to the participant according to his normal retirement age and the age determined under par. (a). If the latter is a fractional age compute the factors by linear interpolation.

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	Normal Retirem	ent Age—65	Normal Retirement Age-60			
Age	Formula Annuity Reduction Factor	Probability of Death	Formula Annuity Reduction Factor	Probability of Death		
65 64 63 62 61	$\begin{array}{c} 1.00000\\ .91611\\ .84174\\ .77553\\ .71635\end{array}$.00000 .01955 .03710 .05296 .06735				
60 59 58 57 56	.66825 .61544 .57227 .53815 .49761	.08046 .09241 .10331 .11324 .12226	$\begin{array}{r} 1.00000\\.92739\\.86185\\.80248\\.74856\end{array}$	00000 01300 02485 03565 04546		
55 54 53 52 51	$\begin{array}{r} .46523\\ .43566\\ .40859\\ .98376\\ .36092 \end{array}$.13043 .13781 .14446 .15043 .15576	$\begin{array}{r} .69948\\ .65467\\ .61366\\ .57603\\ .54145\end{array}$.05435 .06237 .06960 .07610 .08189		
50 49 48 47 46	.33989 .32048 .80253 .28590 .27047	.16050 .16470 .16841 .17167 .17458	.50961 .48024 .45809 .42795 .40465	08705 09162 09565 09920 10231		
45 44 43 42 41	$\begin{array}{r} .25612 \\ .24277 \\ .23038 \\ .21871 \\ .20784 \end{array}$.17703 .17923 .18118 .18293 .18452	.38298 .36283 .34405 .32652 .31012	$\begin{array}{c} .10502\\ .10742\\ .10954\\ .11144\\ .11182\end{array}$		
40 39 38 37 36	$\begin{array}{r} .19767\\ .18813\\ .17917\\ .17074\\ .16281\end{array}$.18600 .18736 .18862 .18979 .19088	$\begin{array}{r} .29478\\ .28041\\ .26691\\ .25423\\ .24230\end{array}$	$\begin{array}{c} .11478 \\ .11626 \\ .11763 \\ .11890 \\ .12009 \end{array}$		
85 84 83 82 81	.15534 .14829 .14164 .18585 .12941	.19190 .19285 .19374 .19457 .19536	.23107 .22047 .21048 .20108 .19210	$.12120 \\ .12223 \\ .12320 \\ .12410 \\ .12496$		
30 29 28 27 26	.12377 .11844 .11337 .10857 .10400	.19610 .19680 .19746 .19809 .19869	$\begin{array}{r} .18365\\ .17564\\ .16805\\ .16086\\ .15402\end{array}$	$\begin{array}{c} .12576 \\ .12652 \\ .12724 \\ .12793 \\ .12858 \end{array}$		
25 24 23 22 21	$\begin{array}{r} .09967\\ .09554\\ .09162\\ .08788\\ .08432\end{array}$,19926 ,19981 ,20084 ,20085 ,20183	.14753 .14136 .18548 .12990 .12457	$.12920 \\ .12980 \\ .13037 \\ .13093 \\ .13145$		
20	.08092	,20180	.11950	.13196		

TABLE E—EARLY EARLY RETIREMENT ANNUITY FACTORS (Effective September 12, 1965)

(c) Multiply the formula annuity determined under 1. by the Formula Annuity Reduction Factor determined under 3 (b), rounding the product to three decimal places.

(d) Compute the present value of pre-retirement cash refund feature of deferred annuity by multiplying commuted value determined under 2. by the Probability of Death factor determined under 3 (b).

(e) Compute the annuity which can be provided by accumulated employer credits in the amount equal to the present value determined

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under 3 (d) by applying Wis. Adm. Code section Ret. 4.011 and rounding the result to three decimal places.

(f) Compute the early retirement annuity under section 66.906 (2) (c) 3. by adding the amounts determined under 3 (c) and 3 (e).

History: Cr. Register, December, 1965, No. 120, eff. 1-1-66.

Ret 4.017 Optional formula retirement annuities. The retirement annuity of a participant in an optional form that is the actuarial equivalent of a regular retirement annuity determined under section 66.906 (2) (c) 3. Wis. Stats., or under section 66.906 (2) (d) 3. shall be computed as the money purchase annuity which can be provided by accumulated employe and employer credits in the respective amounts determined as follows:

(1) In the case of an annuity determined under section 66.906 (2) (c) 3.,

(a) Accumulated employe credits in the amount of the accumulated normal credits of the participant as of the date as of which the annuity begins, reduced (increased) by the amount equal to 100% of the excess (deficiency) defined in section 66.906 (2) (c) 2.

(b) Accumulated employer credits in the amount required to provide on a money purchase basis a life annuity equal to the excess of the life annuity determined under section 66.906 (2) (c) 3. over the life annuity which could be so provided by accumulated employe credits equal to the amount determined under paragraph (a).

(2) In the case of an annuity determined under section 66.906 (2) (d) 3., no accumulated employe credits, and accumulated employer credits in the amount required to provide on a money purchase basis a life annuity determined under section 66.906 (2) (d) 3.

History: Cr. Register, December, 1965, No. 120, eff. 1-1-66.

Ret 4.021 Disability annuity. For the purpose of computing disability annuities authorized by section 66.907 (2), Wis. Stats., the factors in section Ret 4.011, Table E-Life, shall be used.

Ret 4.022 Disability annuity OASDI offset. Disability annuities granted under Chapter 262 of the Laws of 1955 (to participants who actually worked after 6/25/55 but not after 9/30/57) will be reduced pursuant thereto effective as follows:

(1) For annuitants who were age 50 or over on 7/1/57, the reduction is effective as of 7/1/57 unless the annuitant has submitted evidence that he does not qualify for disability benefits or for old-age benefits as a retired worker under OASDI.

(2) For annuitants who attain age 50 after 7/1/57, the reduction will be effective as of the first day of the month in which age 50 is attained, in the same manner as under (1).

(3) The Fund will forward an Evidence of Eligibility form to the annuitant which he must sign giving his consent to release of the requested information by OASDI to the Fund.

(4) Periodically, but not less than once a year, a recheck will be made of the eligibility of all annuitants aged 50 or over and previously ineligible for OASDI payments. If the annuitant fails to sign and return the Evidence of Eligibility form within 30 days, the annuity will be reduced immediately.

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(5) If evidence of ineligibility is received after an annuity is so reduced, the amount of the reduction for all prior months of ineligibility will be added to the next annuity payment after receipt of such evidence.

History: Cr. Register, November, 1957, No. 23, eff. 12-31-57.

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have been paid in each calendar year from January 1, 1951 to the first day of the year in which the husband died, provided that if the applicant shall offer the board official information from the social security administration that her husband's taxable wages for any such year exceed the amount as otherwise determined, the larger amount shall be accepted for the purposes of this rule.

(b) Taxable period. Compute the number of months (any fraction of a month to be considered a month) elapsing from January 1, 1951 to the first day of the year in which the husband died. If result is less than 18 months, use 18 months.

(c) Drop-out period. Eliminate a period of calendar years in the taxable period not to exceed 5 years, when taxable earnings are lowest. Notwithstanding the above, the taxable wages and the number of months in any year shall not be eliminated in making the calculation if such elimination would result in leaving a period less than 18 months.

(d) Average monthly image. Divide (a) the sum of the taxable wages in the taxable period, by (b) the number of months in the taxable period, after excluding the taxable wages and the months in the drop-out period to ascertain the average monthly wage. If (b) is less than 18, it should be taken as 18. Eliminate cents from the result.

(e) Monthly primary social security amount. Ascertain the primary amount from the table of retirement benefits issued by the U.S. Bureau of Old Age, Survivors and Disability Insurance on the basis of the average monthly wage.

(2) Determine the actuarial equivalent factor to be used for the widow from table W-1 Integrated interpolating for the exact age on the first date the annuity is to begin.

TABLE W-1—INTEGRATED (Effective January 1, 1966) WIDOW INTEGRATED ANNUITY Section 66,909 (1) (cc), Wisconsin Statutes Widow Actuarial Equivalent Factors

Exact Age When Annuity Starts	Actuarial Equivalent Factor	Exact Age When Annuity Starts	Actuarial Equivalent Factor		
20	11.691%	35	_ 22.186%		
21	12.177	36	$_{-}$ 23.221		
22	12.685	37	24.315		
23	13.219	38	-25.474		
24	13.778	39	-26.703		
25	14.365	40	-28.005		
26	14.981	41	29.388		
27	15.628	42	30.859		
28	16.307	43	32.425		
29	17.022	44	34,093		
30	17.774	45	35.874		
31	18.565	46	37.776		
32	19.399	47	39.810		
33	20.278	48	41 990		
34	$\bar{2}1.\bar{2}05$	49	44.330		

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TABLE W-1—INTEGRATED—Continued (Effective January 1, 1966) WIDOW INTEGRATED ANNUITY Section 66.009 (1) (cc), Wisconsin Statutes Widow Actuarial Equivalent Factors

Exact Age	Actuarial	Exact Age	Actuarial		
When Annuity	Equivalent	When Annuity	Equivalent		
Starts	Factor	Starts	Factor		
50	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	57 58 59 60 61 62	71.133% 75.902 81.112 86.822 93.092 100.000		

TABLE W-INTEGRATED WIDOW ACTUARIAL EQUIVALENT FACTORS

$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Actuarial		Actuarial
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Exact Age When	Equivalent	Exact Age When	Equivalent
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Annuity Starts	Factor	Annuity Starts	Factor
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	31	. 18.61%	47	- 39.86%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	32	. 19.44	48	- 42.04
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	33	. 20.32	49	. 44.34
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	34	. 21.25	50	_ 46.90
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	35	22.23	51	. 49.61
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	36	. 23.27	52	- 52.53
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	37	24.36	53	55.68
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	38	25.52	54	59.09
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	39	26.75	55	62.79
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	40	28.05	56	66.81
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	41	29.44	57	71.17
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	42	. 30.91	58	75.94
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	43	32.47	59	81.15
45 35.92 61 93.11 46 37.83 62 100.00	44	. 34.14	60	86.85
46 37.83 62 100.00	45	35.92	61	93.11
	46	37.83	62	100.00

(3) Multiply the estimated survivor's benefit at age 62 by the actuarial equivalent factor.

(4) Determine the ordinary beneficiary annuity under section 66.909 (3), Wis. Stats.

(5) Determine the sum of the results obtained in items 3 and 4.

(6) If the amount in item 5 exceeds the estimated social security benefit at age 62, item 1, by at least \$10.00, the amount in item 5 is payable monthly during life and terminating with the payment due in the month in which the beneficiary attains age 62, and the amount payable during life thereafter will equal the amount payable prior to age 62 reduced by the estimated social security benefit, item 1.

(7) If the amount in item 5 does not exceed the estimated social security benefit at age 62, item 1, by at least \$10.00, the amount payable prior to age 62 will be determined as follows:

(a) Subtract \$10.00 from the ordinary beneficiary annuity, item 4.

(b) Subtract the actuarial equivalent factor, item 2, from 100%.

(c) Divide the amount obtained in (a) by the amount obtained in (b) and add \$10.00 to the result.

(d) The result in paragraph (c) is payable monthly during life and terminating with the payment due in the month in which the

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beneficiary attains age 62 and the amount payable for life thereafter will be \$10.00 a month.

History: Cr. Register, November, 1957, No. 23, eff. 12-31-57; am. (1) (a), Register, October, 1959, No. 46, eff. 11-1-59; am. (2), Register, December, 1965, No. 120, eff. 1-1-66.

Ret 4.034 Table E—Last Survivor. The following basic table, herein termed "Table E—Last Survivor" shall be used to compute the amount of the joint and survivor annuity described in section 66.908 (2) (g) Wis. Stats., as follows:

(1) Determine to the near one-tenth year the age of the participating employe at date of death and the difference between his age and that of the eldest qualified beneficiary (spouse, minor child or other dependent).

(2) Compute amount of annuity which would have been payable to the deceased participating employe under section 66.906 (2) if he was eligible therefor.

(3) Multiply the annuity computed under item (2) by Table E— Last Survivor factor for employe age and difference in ages determined under item (1).

(a) If age of participating employe and difference in ages are not integral obtain appropriate factor by linear interpolation.

(b) Table E—Last Survivor may be extended as required to other ages and differences in ages on the same actuarial basis as the values shown herein.

Difference	Age of Participating Employe										
Beneficiary	60	61	62	63	64	65	66	67	68	69	70
$-15 \\ -14 \\ -13 \\ -12 \\ -11 \\ -10 \\ -9 \\ -8 \\ -7 \\ -5 \\ -4 \\ -3 \\ 2 \\ -1 \\ 0 \\ +1 \\ +2 \\ 3 \\ -1 \\ 0 \\ +1 \\ +3 \\ +5 \\ +6 \\ +7 \\ +9 \\ +10 \\ -10 $	$\begin{array}{r} .6443\\ .6518\\ .6596\\ .6676\\ .6759\\ .6845\\ .6933\\ .7025\\ .7119\\ .7215\\ .7314\\ .7414\\ .7414\\ .7414\\ .7621\\ .7726\\ .7832\\ .7939\\ .8046\\ .8152\\ .8257\\ .8362\\ .8257\\ .8362\\ .8566\\ .8566\\ .8761\\ .8855\end{array}$	$\begin{array}{c} .6341\\ .6418\\ .6498\\ .6581\\ .6667\\ .6755\\ .6847\\ .6941\\ .7039\\ .7139\\ .7241\\ .7346\\ .7452\\ .7560\\ .7669\\ .7779\\ .7890\\ .8000\\ .8111\\ .8220\\ .8329\\ .8436\\ .8541\\ .8644\\ .8744\\ .8840 \end{array}$	$\begin{array}{c} .6236\\ .6316\\ .6398\\ .6483\\ .6572\\ .6663\\ .6758\\ .6856\\ .6957\\ .7060\\ .7166\\ .7275\\ .7385\\ .7497\\ .76611\\ .7725\\ .7839\\ .7954\\ .8069\\ .8182\\ .8295\\ .8406\\ .8516\\ .8516\\ .8622\\ .8725\\ .8824 \end{array}$.6129 .6211 .6295 .6383 .6475 .6570 .6668 .6769 .6873 .6980 .7090 .7203 .7317 .7433 .7551 .7669 .7788 .7907 .8026 .8144 .8262 .8377 .8490 .8600 .8706 .8806	$\begin{array}{c} .6020\\ .6104\\ .6191\\ .6282\\ .6376\\ .6474\\ .6575\\ .6680\\ .6788\\ .6899\\ .7013\\ .7129\\ .7248\\ .7368\\ .7490\\ .7613\\ .7786\\ .7860\\ .7613\\ .7786\\ .7860\\ .7880\\ .8228\\ .8106\\ .8228\\ .8348\\ .8464\\ .8577\\ .8685\\ .8788\\ \end{array}$	$\begin{array}{r} .5909\\ .5996\\ .6086\\ .6179\\ .6276\\ .6378\\ .6482\\ .6591\\ .6702\\ .6817\\ .6935\\ .7056\\ .7056\\ .8069\\ .8059\\ .8059\\ .8056\\ .8063\\ .8063\\ .8768\\ .8$.5799 .5887 .5980 .6076 .6177 .6281 .6389 .6501 .6617 .6735 .6857 .6982 .7109 .7238 .7368 .7500 .7634 .7767 .7901 .8033 .8163 .8290 .8412 .8529 .8642 .8749	$\begin{array}{r} .5689\\ .5780\\ .5875\\ .5975\\ .6078\\ .6186\\ .6298\\ .6413\\ .6532\\ .6655\\ .6781\\ .6910\\ .7041\\ .7175\\ .7810\\ .7448\\ .7586\\ .7725\\ .7863\\ .7999\\ .8133\\ .8262\\ .8386\\ .8506\\ .8621\\ .8730\end{array}$	$\begin{array}{r} .5579\\ .5673\\ .5771\\ .5874\\ .5981\\ .6092\\ .6207\\ .6326\\ .6449\\ .6576\\ .6706\\ .6706\\ .6839\\ .6975\\ .7114\\ .7255\\ .7397\\ .7541\\ .7684\\ .7255\\ .7397\\ .7541\\ .7684\\ .8275\\ .8103\\ .8235\\ .8362\\ .8484\\ .8601\\ .8712 \end{array}$	$\begin{array}{r} .5469\\ .5566\\ .5667\\ .5772\\ .5882\\ .5997\\ .6116\\ .6238\\ .6365\\ .6496\\ .6631\\ .6769\\ .6909\\ .7053\\ .7199\\ .7347\\ .7496\\ .7644\\ .7790\\ .7933\\ .8071\\ .8206\\ .8336\\ .8336\\ .8580\\ .8580\\ .8693\end{array}$	$\begin{array}{c} .5358\\ .5457\\ .5561\\ .5669\\ .5782\\ .5900\\ .6022\\ .6149\\ .6280\\ .6415\\ .6554\\ .6554\\ .6697\\ .6843\\ .6992\\ .7144\\ .7297\\ .7450\\ .7601\\ .77601\\ .77601\\ .7896\\ .8038\\ .8175\\ .8307\\ .8435\\ .8556\\ .8672\end{array}$

TABLE E-LAST SURVIVOR AMOUNT OF LAST SURVIVOR ANNUITY EQUIVALENT TO A UNIT OF LIFE ANNUITY

History: Cr. Register, December, 1965, No. 120, eff. 1-1-66.

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Ret 4.11 Prescribed interest. The prescribed rate of interest shall be 3½% per annum compounded annually.

History: 1-2-56; am. Register. November, 1957, No. 23, eff. 12-31-57.

Ret 4.21 History: 1-2-56; am. Register, August, 1963, No. 92, eff. 9-1-63; r. Register, December, 1965, No. 120, eff. 1-1-66.

Ret 4.31 Disability premiums. Pursuant to section 66.912 (3) (a), Wis. Stats., the disability benefit premiums shall be as follows:

Municipality Contribution Rates-Disability Benefits

The percentage is determined for each municipality as follows:

(1) Determine the prior calendar year earnings of all active employes under age 65.

(2) Determine the prior calendar year earnings of all active employes.

(3) Divide item (1) by item (2).

(4) Multiply the result in item (3) by 0.50%. The result is the percentage municipality rate for disability for the succeeding year.

History: 1-2-56; am. Register, November, 1957, No. 23, eff. 12-31-57; am. Register, July, 1962, No. 79, eff. 8-1-62; am. Register, November, 1964, No. 107, eff. 12-1-64; am. Register, December, 1965, No. 120, eff. 1-1-66.

Ret 4.32 Disability reserve. The amount credited to the reserve for annuities granted upon the granting of any disability annuity shall be determined on the following actuarial bases:

(1) DISABILITY ANNUITY TO EMPLOYE. The basis underlying the factors in section Ret 4.011, table E-Life, modified by the assumption (1) of a mortality rate of 12% for the first year the annuity is payable; and (2) that the age of the employe is 2 years older than his actual age.

(2) DEATH BENEFIT UNDER SECTION 66.908 (2) (e), WIS. STATS. The basis underlying the factors in section Ret 4.031, table B-Life.

History: 1-2-56; am. Register, November, 1957, No. 23, eff. 12-31-57; am. Register, April, 1962, No. 76, eff. 5-1-62.

Ret 4.35 Special disability contribution rates. For purposes of determining municipality contribution rates, the following annual probabilities that a participant will within a year become entitled to a special disability annuity under section 66.907 (3), Wis. Stats., shall be assumed:

	Special
	Disability
1 ge	Rate
5	030
7	040
8	045
.9	050
History: Cr. Register April 1960 No 52 off 5-1-60	

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