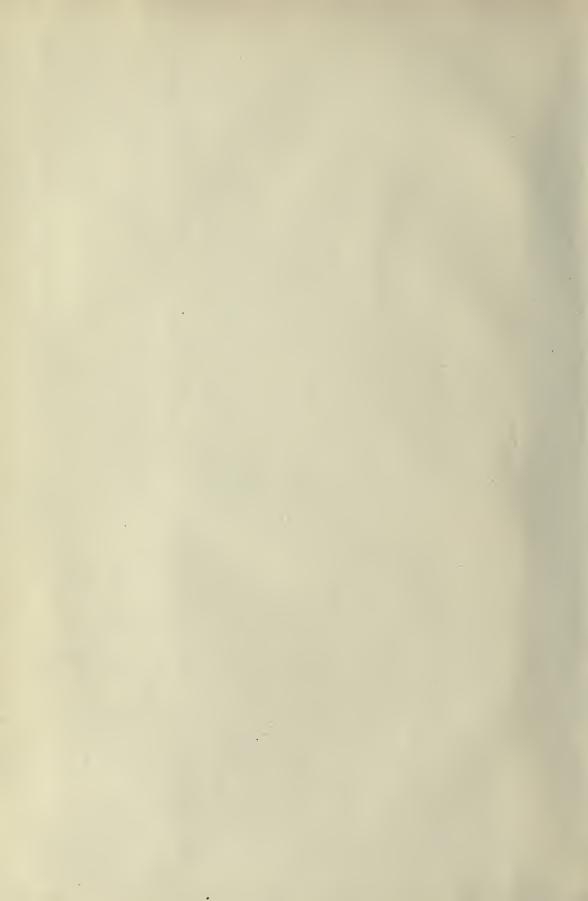
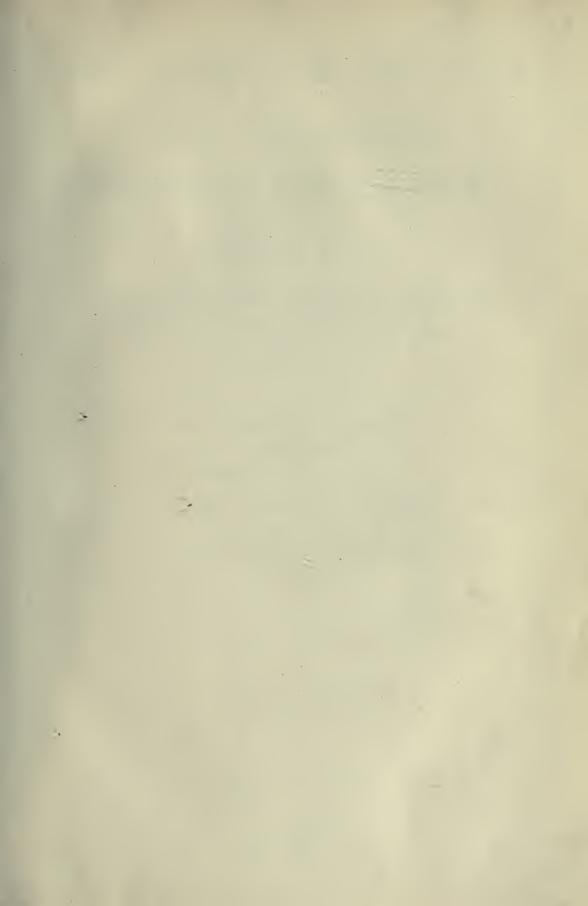


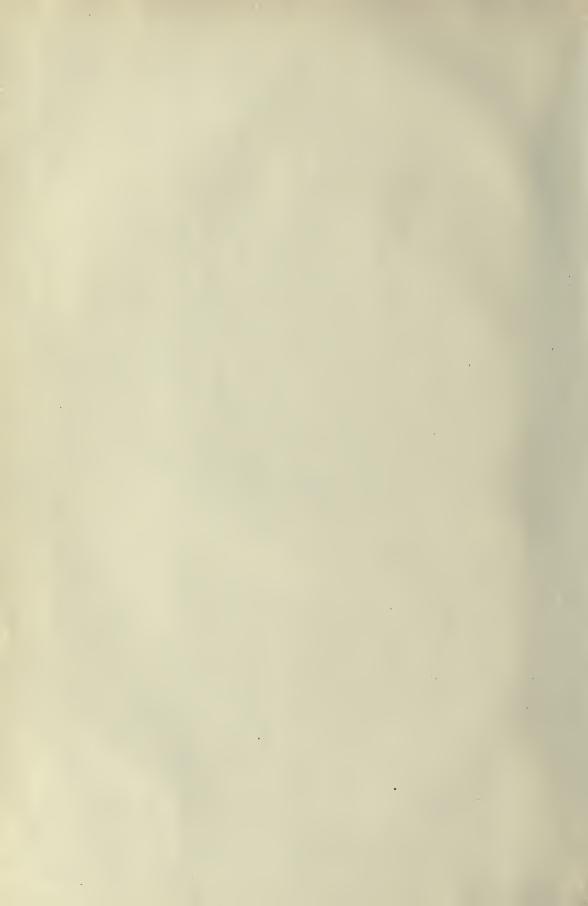
Digitized by the Internet Archive in 2008 with funding from Microsoft Corporation

http://www.archive.org/details/temporaryinsuran00tupprich









# NET RATES AND RESERVES

#### ADAPTED TO CALCULATIONS INVOLVING

# PERLIMINARY TERM INSURANCE

WITH TABLES FOR

VARIOUS INCREASING TEMPORARY INSURANCES

(Based Upon the Tables Originally Compiled by Wilbur S. Tupper)

REVISED, REARRANGED AND ENLARGED

-

------ WITH ADDED -----

TERMINAL AND MEAN RESERVE

PURE ENDOWMENT TABLES

AND MANY OTHER

ADDITIONAL TABLES

BY

# T. C. RAFFERTY

NEW YORK C. C. HINE'S SONS COMPANY 1919 HG8853 T9 1919

Copyright, 1919 C. C. Hine's Sons Company New York, N. Y.

- 1 I I I

a,

# CONTENTS

Page

INTRODUCTION	v
COMBINED EXPERIENCE-4%.	
NET PREMIUMS-FULL PRELIMINARY TERM.	
First Year—All Forms	3
Renewal—All Forms	3
NET PREMIUMS-MORTUARY ADDITIONS OR INCREASING TEMPORARY INSUR-	
ANCE.	5
Expiring in 10 years.	5 5 5
Expiring in 15 years Expiring in 20 years	5
Terminal Reserves—Full Preliminary Term.	5
Ordinary Life	6
20 Payment Life	10
15 Payment Life	14
10 Payment Life	17
20 Year Endowment	19
15 Year Endowment	23
10 Year Endowment	26
TERMINAL RESERVES-FULL LEVEL PREMIUM.	-
20 Year Mortuary Additions	28
15 Year Mortuary Additions.	32 35
10 Year Mortuary Additions	35
Ordinary Life	37
20 Payment Life	41
15 Payment Life	45
10 Payment Life	48
20 Year Endowment	50
15 Year Endowment	54
10 Year Endowment	57
MEAN RESERVES—FULL LEVEL, PREMIUM.	
20 Year Mortuary Additions	59
15 Year Mortuary Additions.	63
10 Year Mortuary Additions	66
AMERICAN EXPERIENCE-3½%.	
NET PREMIUMSFUIL PRELIMINARY TERM.	71
First Year—All Forms Renewal—All Forms	71
NET PREMIUMS-MORTUARY ADDITIONS OR INCREASING TEMPORARY INSUR-	/1
SURANCE.	
Expiring in 10 Years	73
Expiring in 15 Years	73
Expiring in 20 Years	73
TERMINAL RESERVES-FULL PRELIMINARY TERM.	
Ordinary Life	74
20 Payment Life	78
15 Payment Life	82
10 Payment Life	85
20 Year Endowment.	87
15 Year Endowment.	91 94
10 Year Endowment TERMINAL RESERVESFULL LEVEL PREMIUM.	94
20 Year Mortuary Additions	96
15 Year Mortuary Additions	100
10 Year Mortuary Additions	103

### 143219

42 - 1 - 1 - 11

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Page
MEAN RESERVES-FULL PRELIMINARY TERM.	
Ordinary Life	
20 Payment Life	113
15 Payment Life	119
10 Payment Life	
20 Year Endowment	122
15 Year Endowment	126
10 Year Endowment	129
MEAN RESERVES-FULL LEVEL PREMIUM.	
20 Year Mortuary Additions	131
15 Year Mortuary Additions	135
10 Year Mortuary Additions	138
MEAN RESERVES-FULL LEVEL PREMIUM.	
5 Year Term	140
10 Year Term	
20 Year Term	
MEAN RESERVES.	
Paid Up Extended Insurance	147
NET PREMIUMS-PURE ENDOWMENT.	
20 Year Period.	168
15 Year Period.	168
10 Year Period.	
TERMINAL RESERVES-PURE ENDOWMENT.	
MEAN RESERVES-PURE ENDOWMENT.	182
MEAN ACCUMULATED TEMPORARY INSURANCE	195
TABLE OF RECIPROCALS-DX, MX, NX, AX, AND VARIOUS IMMEDIATE AN-	195
NUITIES	208
	200
AMERICAN EXPERIENCE-3%	
NET PREMIUM—FULL PRELIMINARY TERM.	
First Year—All Forms	215
Renewal—All Forms	215
NET PREMIUMS-MORTUARY ADDITIONS OR INCREASING TEMPORARY IN-	
SURANCE.	
Expiring in 10 Years	217
Expiring in 15 Years	217
Expiring in 20 Years	217
TERMINAL RESERVES-FULL PRELIMINARY TERM.	
Ordinary Life	218
20 Payment Life	222
15 Payment Life	226
10 Payment Life	229
20 Year Endowment	231
15 Year Endowment	235
10 Year Endowment	238
TERMINAL RESERVESFULL LEVEL PREMIUM.	
20 Veen Montuone Additions	
20 Year Mortuary Additions	240
20 Year Mortuary Additions 15 Year Mortuary Additions	240 244
15 Year Mortuary Additions	244
15 Year Mortuary Additions 10 Year Mortuary Additions	244
15 Year Mortuary Additions 10 Year Mortuary Additions MEAN RESERVES—FULL LEVEL PREMIUM.	244
15 Year Mortuary Additions. 10 Year Mortuary Additions. MEAN RESERVES—FULI, LEVEL PREMIUM. Ordinary Life.	244 247
15 Year Mortuary Additions. 10 Year Mortuary Additions. MEAN RESERVES—FULI, LEVEL PREMIUM. Ordinary Life. 20 Payment Life.	244 247 249
15 Year Mortuary Additions.         10 Year Mortuary Additions.         MEAN RESERVES—FULL LEVEL PREMIUM.         Ordinary Life.         20 Payment Life.         15 Payment Life.	244 247 249 253 257
15 Year Mortuary Additions.         10 Year Mortuary Additions.         10 MEAN RESERVES—FULL LEVEL PREMIUM.         Ordinary Life.         20 Payment Life.         15 Payment Life.         10 Payment Life.         10 Payment Life.	244 247 249 253 257
15 Year Mortuary Additions.         10 Year Mortuary Additions.         10 MEAN RESERVES—FULL LEVEL PREMIUM.         Ordinary Life.         20 Payment Life.         15 Payment Life.         10 Payment Life.         20 Year Endownment.	244 247 249 253 257 260 262
15 Year Mortuary Additions.         10 Year Mortuary Additions.         10 MEAN RESERVES—FULL LEVEL PREMIUM.         Ordinary Life.         20 Payment Life.         15 Payment Life.         10 Payment Life.         20 Year Endownment.         15 Year Endownment.	244 247 249 253 257 260 262 266
<ul> <li>15 Year Mortuary Additions.</li> <li>10 Year Mortuary Additions.</li> <li>10 Year Mortuary Additions.</li> <li>MEAN RESERVES—FULI, LEVEL PREMIUM.</li> <li>Ordinary Life.</li> <li>20 Payment Life.</li> <li>15 Payment Life.</li> <li>10 Payment Life.</li> <li>20 Year Endownment.</li> <li>15 Year Endownment.</li> <li>10 Year Endownment.</li> </ul>	244 247 249 253 257 260 262 266
<ul> <li>15 Year Mortuary Additions.</li> <li>10 Year Mortuary Additions.</li> <li>10 Year Mortuary Additions.</li> <li>MEAN RESERVES—FULI, LEVEL PREMIUM.</li> <li>Ordinary Life.</li> <li>20 Payment Life.</li> <li>15 Payment Life.</li> <li>20 Year Endownment.</li> <li>15 Year Endownment.</li> <li>10 Year Endownment.</li> <li>10 Year Endownment.</li> <li>10 Year Endownment.</li> <li>11 Year Endownment.</li> <li>12 Year Endownment.</li> <li>13 Year Endownment.</li> <li>14 Year Endownment.</li> <li>15 Year Endownment.</li> <li>16 Year Endownment.</li> <li>17 Year Endownment.</li> <li>18 Year Endownment.</li> <li>19 Year Endownment.</li> <li>10 Year Endownment.</li> </ul>	244 247 253 257 260 262 266 269
<ul> <li>15 Year Mortuary Additions.</li> <li>10 Year Mortuary Additions.</li> <li>MEAN RESERVES—FULI, LEVEL PREMIUM.</li> <li>Ordinary Life.</li> <li>20 Payment Life.</li> <li>15 Payment Life.</li> <li>10 Payment Life.</li> <li>20 Year Endownment.</li> <li>15 Year Endownment.</li> <li>10 Year Endownment.</li> <li>10 Year Endownment.</li> <li>20 Year Mortuary Additions.</li> </ul>	244 247 253 257 260 262 266 269 271
<ul> <li>15 Year Mortuary Additions.</li> <li>10 Year Mortuary Additions.</li> <li>10 Year Mortuary Additions.</li> <li>MEAN RESERVES—FULI, LEVEL PREMIUM.</li> <li>Ordinary Life.</li> <li>20 Payment Life.</li> <li>15 Payment Life.</li> <li>20 Year Endownment.</li> <li>15 Year Endownment.</li> <li>10 Year Endownment.</li> <li>10 Year Endownment.</li> <li>10 Year Endownment.</li> <li>11 Year Endownment.</li> <li>12 Year Endownment.</li> <li>13 Year Endownment.</li> <li>14 Year Endownment.</li> <li>15 Year Endownment.</li> <li>16 Year Endownment.</li> <li>17 Year Endownment.</li> <li>18 Year Endownment.</li> <li>19 Year Endownment.</li> <li>10 Year Endownment.</li> </ul>	244 247 249 253 257 260 262 266 269 271 275

#### INTRODUCTION

THE original edition of "Net Rates and Reserves" was published in 1905 by Messrs. C. C. Hine's Sons Co. (compiled by Wilbur S. Tupper), and supplied the data used by a very large number of Life Insurance Companies of the United States, on premiums, terminal and mean reserves, in connection with the Full Preliminary Term method of valuation and operation, which had come largely into vogue during the eight or ten years immediately preceding that time.

The tables of premiums and reserves contained therein were computed on the basis of the Combined Experience (Actuaries) 4%, and the American Experience at both  $3\frac{1}{2}$ % and 3%, these being the three tables in general use.

In the present revised edition all of the tables of the original edition are included, but they have been completely rearranged in order to more easily and fully serve the purpose for which they were intended-Full Preliminary Term work. As originally published, the tables were arranged in the form of 9 Payment, 14 Payment, 19 Payment, 9 Year Endowment, 14 Year Endowment and 19 Year Endowment, to be used in conjunction with a One Year Term, the combination making a Full Preliminary Term Policy in the form desired. Inasmuch as the use of all of these tables is primarily for the purpose of having a 10 Payment, 15 Payment, 20 Payment, etc., in the Full Preliminary Term Form-it has been deemed advisable to rearrange the tables entirely to conform to such use, and to facilitate quick reference and operation. As rearranged there will be no necessity for adjusting the age and the year to fit the particular case, as all of these details are taken care of in the rearrangement. No adjusting will be necessary. It is felt that this will be the means of saving a very large amount of time in the use of the tables, and will eliminate the many possibilities of errors, which creep in when taking out values while adjusting the age and the period at the same time.

The tables can still be used for 9 Payment, 14 Payment, 19 Payment, etc., level premium values, by adjustment of age and period in the reverse order, and as their use for this purpose will be only in a minority of cases, the adjusting will not be considered a disadvantage. It must be noted that, with the exception of the Mortuary Additions Tables, all tables have been rearranged, so that the values in this edition do not compare, age for age, with those in the first edition. This should be remembered by those who possess the first edition.

The tables of Increasing Temporary Insurance or Mortuary Additions, as they are more properly called, give Net Premiums, Terminal and Mean Reserves for Ten, Fifteen and Twenty Year temporary periods, and are based upon Full Level Premiums, as such increasing insurances or return premium insurances are nearly always intended to cover the first year of insurance and the first premium, even though the policy itself is otherwise Full Preliminary Term.

A number of additions have been made to the old tables, among them being the Ordinary Life Terminal Reserves—arranged in Full Preliminary Term Form —they having been left out of the original edition. While these tables are very simple, they are fundamental, and in the present arrangement will furnish, without any adjustments, quick reference tables for use in connection with policy values based thereon.

In the new and additional tables of the present edition, it has been the aim to work in the direction of Mean Reserves—and a quick method is presented, with tables, for the calculation of Mean Reserves directly from the premium, which, it is hoped, will prove of value in the many instances where mean reserves are needed on odd policies, with no tables of means or terminals immediately at hand, with which to operate. The method is applicable on the usual forms of valuation, as explained, to policies of all forms with uniform premiums and uniform benefits during the premium paying period. vi

#### EXPLANATORY NOTES.

#### Net Premiums.

First Year Premiums and Renewal Premiums are given on all the usual regular forms of policies—Ordinary Life, Limited Payment and Endowment—all arranged in Full Preliminary Term Form.

#### Terminal and Mean Reserves.

These tables for all the usual regular forms of policies, are arranged, as before stated, as Full Preliminary Term, and no adjustments for age or period are required in taking out values. They explain themselves.

#### MORTUARY ADDITIONS OR INCREASING TEMPORARY INSURANCE.

#### Net Premiums.

The Mortuary Additions Net Premiums are Full Level Premiums and are given per \$1000 of Insurance (or Additions or Return Premium—as the case may be) increasing by a similar amount yearly and terminating entirely at the end of the period stated; *i. e.*, the insurance is \$1000 the first year, \$2000 the second year, \$3000 the third year, etc.

To determine the Net Premium for other amounts, multiply the tabular net premium by the annual Addition.

*Example*—Suppose a \$1000 policy, Age 35, Amer. 3½%, with an addition of \$50 a year for 20 years, required the Net Level Premium for the Additions—

Net 
$$= 50. \times 109.03$$
  
 $= $5.45$ 

the required Net Premium for the Additions.

(As the ratio is to 1000, three extra places must be pointed off in arriving at the result.)

For a Return Premium on a given policy, the process of determining the additional net premium for the return, is as follows:

Multiply the Gross Policy Premium by the Tabular Premium, and divide the product by 1000 less the Tabular Premium.

*Example*—Suppose a \$1000 policy, 20 Payment Life, Amer.  $3\frac{1}{2}\%$  Illinois Standard, Age 35, Premium \$36.12; required the net additional for Mortuary Return Premiums Additions for 20 years—

Net additional = 
$$\frac{36.12 \times 109.03}{1000 - 109.03} = $4.42$$

the required net additional premium, which added to the original premium makes the total Annual Premium \$40.54, which is also the unit of Return Additions.

Should a percentage of loading be required on the Mor. Add. Premium, the process is the same as above, except that the divisor becomes 1000 less the Tabular Premium multiplied by one plus the percentage of loading.

*Example*—Suppose the same case as above except that a loading of 20% of the Net Additional Premium is required to be included—

Net additional = 
$$\frac{36.12 \times 109.03}{1000 - 1.2 \times 109.03} = $4.53$$

the required net additional premium, to which must be added the 20% of loading, \$.91—making the Gross Additional Premium \$5.44—and the Total Premium on the policy \$41.56.

There are many other cases, but these are given merely to illustrate the use of the table.

#### Terminal Reserves.

The Mortuary Additions Terminal Reserves are arranged on the basis of the attained amount of insurance in the years specified, for the \$1000 unit.

To obtain the reserve on other amounts, multiply the reserve as given, by the unit of Additions.

*Example*—Required, the 11th terminal reserve on the Return Premium of the last example—Premium \$41.56.

Terminal reserve =  $41.56 \times 789.41$ 

= \$32.81, the required reserve.

#### Mean Reserves.

The Mortuary Additions Mean Reserves are given on the basis per \$1000 of the actual Additions in force at each year as stated.

To determine the mean reserve on odd amounts, multiply the unit of Additions by the number of years in force and multiply this produce by the Tabular Mean Reserves of the year stated.

*Example*—Required, the 11th year Mean Reserve of the Mortuary Additions in the last example.

Mean reserve =  $11 \times 41.56 \times 75.56$ 

= \$34.54, the required Mean Reserve.

#### Mean Reserves—Term Policies.

These tables of Mean Reserves (Full Level Premium) have been added for handy reference, covering the three most frequently used forms of Term Policies; on the American Table  $3\frac{1}{2}$ %.

#### Mean Reserves.

#### For Valuing Paid Up Extended Insurance.

This table of Mean Single Premiums Temporary Insurance will be found very useful in the valuation of Paid Up Temporary Insurance. The table is quite complete, covering Ages 20 to 75 for all yearly periods to the limit of the American Table. At  $3\frac{1}{2}\%$ .

#### PURE ENDOWMENT.

### American Experience $-3\frac{1}{2}\%$ .

#### Net Premiums.

The table gives the Pure Endowment Net Annual Premium necessary to accumulate a Pure Endowment of \$1000 in the period stated. Useful in Modified Preliminary Term work to quickly obtain the extra premium over the Ordinary Life Form on all Limited Payment and Endowment forms of policies, and in Illinois Standard, to obtain similar extra premiums over the 20 Payment Life Form; also, in both cases, on many other than regular forms, when there is a Pure Endowment in the policy.

Pure Endowment in the policy. To determine Net Premiums, multiply the Tabular Premium for the period desired by the amount of Pure Endowment to be accumulated.

*Example*—Required, the additional P. E. Net Annual Premium to be added to a 20 Payment Life, Illinois Standard, Age 35, to give 20 Year Endowment, Illinois Standard—

Terminal Value 20 Yr. End. = \$1000.00 " 20 Pay. Life = 566.15

#### 433.85

Net additional Annual Premium =  $433.85 \times 29.318$ 

= \$12.719, premium required.

#### Terminal Reserves-Pure Endowment.

These values are newly calculated and are the same values as Forborne Annuities, but the name Terminal Reserve Pure Endowment more clearly describes the values for the purposes for which they are intended to be used in this work, being the accumulations or Terminal Reserves each year on an Annual Pure Endowment Premium of \$1. They are useful in determining the extra terminal reserve each year on policies which are loaded with an additional premium to produce a higher cash value at the end of a certain period. For instance, \$1 may be added to the Ordinary Life, Age 35, as an additional Net Premium-Total Net, \$21.55—and the additional terminal reserves over the Ordinary Life are as shown in this table. In the 20th year the additional reserve would be \$31.38 (full preliminary term), making the total \$333.92, allowing a cash value of the same amount if desired.

These values are useful in determining the extra terminal reserves over the Ordinary Life in Modified Preliminary Term work on Limited Payment and Endowment Forms; and similarly in Illinois Standard work, over the 20 Payment Form; and for the same purpose, on either standard, on odd forms of policies such as 20 Payment, Endowment Return Premium, etc.—and whenever there is a Pure Endowment incorporated in a policy to produce certain results.

*Example*—Required, the 17th Terminal on 20 Year Endowment, Age 35, Modified Preliminary Term—

Extra P. E. An. Prem. over the Ord. Life is \$20.448 Additional Terminal = 20.448 × 26.4223 = \$540.28 Ordinary Life Terminal = 246.10 20 Yr Endowment Terminal = 786.38, as required.

#### Mean Reserves-Pure Endowment.

These values, it is believed, have never been published before, and are thought to be entirely new, being originally developed and calculated by the reviser for his own office use. They furnish a quick and short method of calculating Mean Reserves directly from the premium, without the necessity of having any of the terminal reserves, and without using any of the terminal reserves in the calculation. They are of especial value in directly calculating the additional mean reserve in modified preliminary term work on all limited payment and endowment forms over the ordinary life—any mean being obtained by one multiplication and one addition. In a similar manner on the Illinois Standard, any mean reserve can be obtained directly. And on other and odd forms of policies which contain an extra loading of a Pure Endowment to produce certain results as in the case of a 20 Payment, Endowment Return Premium, and other similar types—one multiplication and one addition gives a mean reserve.

*Example*— Required, the 17th mean reserve on a 20 Year Endowment, Illinois Standard, Age 35—

P. E. Net Annual Premium of 20 Yr. End. over 20 Pay. Net = \$12.719 Additional mean reserve over 20 Pay. = 12.719 × 25.7899 = \$328.03 Mean Reserve 20 Payment = 444.84

20 Year Endowment Mean as required = 772.87

#### Mean Accumulated Temporary Insurance.

This table was developed by the reviser in conjunction with the foregoing table of Mean Reserves—Pure Endowment, and it is believed to be new. With the use of these two tables, any Mean Reserve can be obtained directly from the premium on all forms (with uniform premiums and uniform benefits) on the full level premium and the full preliminary term plans, by one multiplication and one subtraction—without the use of terminal reserves. It is particularly valuable in machine calculation, giving results with great rapidity. In the Valuation of odd groups of policies, which may have been written on another standard, such as the Actuaries' 4%, and which may now be necessary to value on the American  $3\frac{1}{2}\%$ , and on which no  $3\frac{1}{2}\%$  reserves are extant—either terminals or means—it will be found to be remarkably quick and a great saver of time.

The fact that any particular Mean can be obtained without reference to any other Mean, makes it useful in checking tables of mean reserves otherwise obtained.

To obtain any Mean, multiply the Net Premium by the P. E. Mean Reserve and deduct the corresponding Mean Accumulated Temporary Insurance.

*Example*—Required the 48th year's Mean Reserve, Ordinary Life, Age 20, Full Level Premium. The best results are obtained by using the net premium to at least three decimal places—four places on long period reserves. By so doing accurate results within one or two units in the last decimal place will be obtained—

Net Premium, 13.4778 × 219.4791 = 2957.974 Deduct Mean Ac. Temp. Ins. = 2345.45

Mean Reserve required = 612.52

*Example*—Required, the 34th year's Mean Reserve, 35 Year Endowment, Age 35, Full Level Premium—

Net Premium,  $23.1448 \times 107.4344 = 2486.547$ Deduct Mean Ac. Temp. Ins. = 1558.02

Mean Reserve required = 928.53

#### Table of Reciprocals.

In connection with machine calculation the process of multiplication is about four times as fast as the process of division, and this table of the most commonly used factors will be found convenient. Reciprocals are given for the D, N, and M columns, Life Single Premiums and the Immediate Life Annuities, as well as for many of the more frequently used Temporary Annuities. All on the American  $3\frac{1}{2}$ % table.

All of the additional and new tables were computed in the office of the reviser on the Millionaire Calculator and were checked at intervals with results derived from separate formulæ. Where possible, they have been rechecked with tables from other sources, and it is believed that they are accurate up to the last decimal figure, in which, at times, there may be a variation.

It is hoped that the tables will be found useful, and while errors do creep in, it is believed that they have been reduced to a minimum. The reviser will appreciate being advised of any that appear, and prompt steps will be taken to give proper corrections to all users of the work.

T. C. R.

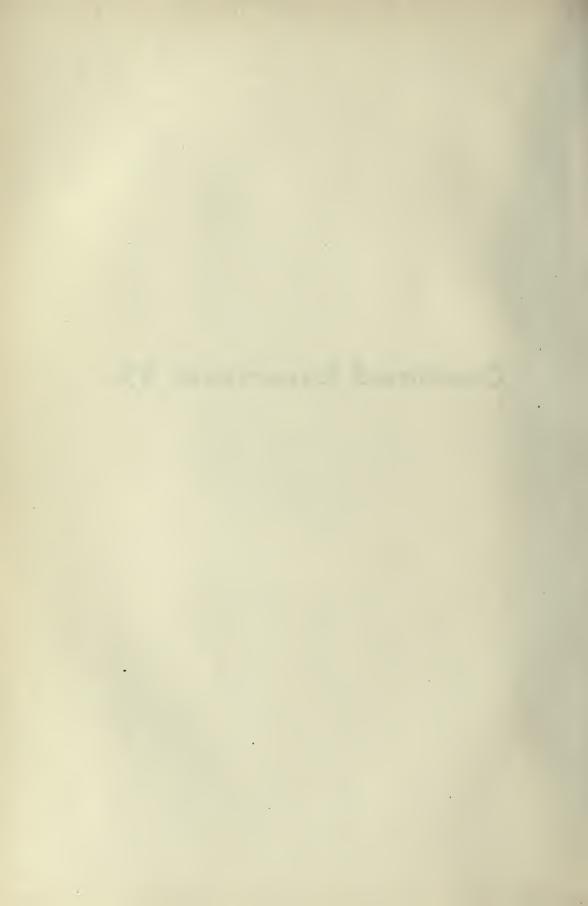
Philadelphia, June, 1919.



# **Combined Experience 4%**

-

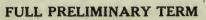
-



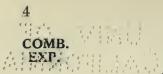
# NET PREMIUMS

3

ר זינ זינ



	First Year				
Age	Premiums	Ordinary	20 Payment	15 Payment	10 Payment
	All Forms	Life	Life	Life	Life
20	7.01	13.27	19.98	24.44	34.13
21	7.09	13.61	20.38	24.91	34.79
22	7.18	13.96	20.79	25.41	35.46
23	7.27	14.33	21.21	25.92	36.16
24	7.37	14.72	21.65	26.44	36.89
25	7.47	15.13	22.11	26.99	37.64
26	7.58	15.56	22.58	27.56	38.42
27	7.70	16.01	23.07	28.15	39.22
28	7.83	16.48	23.58	28.75	40.05
29	7.96	16.97	24.11	29.38	40.91
30	8.10	17.49	24.66	30.04	41.80
31	8.25	18.04	25.23	30.71	42.72
32	8.41	18.62	25.83	31.41	43.68
33	8.58	19.23	26.45	32.14	44.66
34	8.75	19.87	27.10	32.89	45.68
35	8.93	20.54	27.77	33.68	46.73
36	9.12	21.26	28.48	34.50	47.82
37	9.32	22.02	29.22	35.35	48.96
38	9.53	22.82	30.00	36.24	50.13
39	9.74	23.68	30.82	37.17	51.36
40	9.96	24.59	31.69	38.15	52.64
41	10.21	-25.55	32.60	39.18	53.97
42	10.48	26.58	33.57	40.27	55.37
43	10.82	27.68	34.60	41.41	56.83
44	11.25	28.85	35.67	42.60	58.34
45	11.74	30.08	36.81	43.84	59.91
46	12.35	31.39	38.00	45.13	61.53
47	13.00	32.77	39.25	46.48	63.21
48	13.71	34.23	40.56	47.88	64.93
49	14.48	35.78	41.95	49.35	66.72
50	15.33	37.42	43.41	50.88	68.56
51	16.25	39.15	44.95	52.48	70.47
52	17.26	41.00	46.58	54.16	72.44
53	18.36	42.95	48.31	55.91	74.48
54	19.53	45.03	50.14	57.76	76.59
55	20.83	47.23	52.09	59.71	78.79
56	22.24	49.57	54.17	61.76	81.07
57	23.73	52.07	56.38	63.93	83.44
58	25.37	54.72	58.75	66.23	85.93
59	27.16	57.56	61.29	68.68	88.53
60 61 62 63 64	29.17 31.36 33.77 36.39 39.26	60.57 63.78 67.20 70.84 74.72	64.01	71.28	91.25
65	42.39	78.85			



# NET PREMIUMS



### FULL PRELIMINARY TERM

#### **ENDOWMENTS**

	First Year Premiums	RI	ENEWAL PREMIU	ns
Age	All Forms	20 Year End.	15 Year End.	10 Year End.
20	7.01	39.42	56.79	94.57
21	7.09	39.49	56.85	94.63
22	7.18	39.57	56.92	94.68
23	7.27	39.66	56.99	94.74
24	7.37	39.75	57.06	94.80
25 26 27 28 29	7.47 7.58 7.70 7.83 7.96	39.84 39.94 40.05 40.16 40.29	57.14 57.23 57.32 57.41 57.51	94.87 94.94 95.01 95.09 95.17
30	8.10	40.42	57.62	95.26
31	8.25	40.57	57.73	95.35
32	8.41	40.72	57.85	95.44
33	8.58	40.90	57.98	95.54
34	8.75	41.09	58.12	95.65
35	8.93	41.30	58.27	95.76
36	9.12	41.54	58.44	95.88
37	9.32	41.80	58.63	96.01
38	9.53	42.10	58.85	96.15
39	9.74	42.43	59.10	96.32
40	9.96	42.80	59.38	96.52
41	10.21	43.22	59.70	96.75
42	10.48	43.68	60.06	97.01
43	10.82	44.20	60.47	97.32
44	11.25	44.78	60.93	97.67
45	11.74	45.41	61.43	98.05
46	12.35	46.10	61.97	98.47
47	13.00	46.86	62.57	98.93
48	13.71	47.68	63.22	99.44
49	14.48	48.58	63.94	99.98
50	15.33	49.57	64.72	100.58
51	16.25	50.65	65.57	101.23
52	17.26	51.82	66.50	101.94
53	18.35	53.11	67.52	102.71
54	19.53	54.52	68.64	103.56
55	20.83	56.05	69.87	104.48
56	22.24	57.73	71.21	105.50
57	23.73	59.57	72.70	106 62
58	25.37	61.59	74.32	107.86
59	27.16	63.79	76.11	109.22
60	29.17	66.19	78.08	110.72

# **NET PREMIUMS**



Per \$1,000 of Insurance, increasing annually by the same amount, and terminating entirely at end of period.

### Mortuary or Increasing Additions FULL LEVEL PREMIUMS

Age	20 Yrs.	15 Yrs.	10 Yrs.
20	75.39	56.80	38.72
21	76.79	57.78	39.31
22	78.27	58.81	39.94
23	79.84	59.89	40.61
24	81.53	61.03	41.31
25	83.30	62.22	42.05
26	85.45	63.47	42.84
27	87.77	64.78	43.66
28	90.37	66.16	44.52
29	93.28	67.67	45.43
30	96.52	69.34	46.37
31	100.11	71.23	47.36
32	104.09	73.38	48.39
33	108.49	75.82	49.49
34	113.34	78.58	50.70
35	118.66	81.67	52.08
36	124.49	85.12	53.67
37	130.87	88.96	55.53
38	137.81	93.22	57.67
39	145.35	97.92	60.11
40	153.52	103.08	62.87
41	162.39	108.74	65.94
42	172.00	114.90	69.36
43	182.39	121.58	73.13
44	193.59	128.81	77.26
45	205.65	136.62	81.75
46	218.00	145.08	86.62
47	232.48	154.23	91.91
48	247.31	164.14	97.61
49	263.12	174.84	103.77
50	279.89	186.39	110.42
51	297.64	198.84	117.65
52	316.36	212.23	125.51
53	336.03	226.62	134.06
54	356.61	242.01	143.33
55	378 07	258.42	153.39
56	400.35	275.87	164.30
57	423.36	294.36	176.10
58	447.02	313.90	188.83
59	471.23	334.47	202.53
60	495.85	356. <b>04</b>	217.19

# **TERMINAL RESERVES**



# Ordinary Life

### FULL PRELIMINARY TERM

		YEA	ARS.		
Age	I	2	3	4	5
20	0.00	6.47	$13.17 \\ 13.71 \\ 14.26 \\ 14.84 \\ 15.45 \\ 16.08$	20.09	27.24
21	0.00	6.74		20.90	28.34
22	0.00	7.01		21.75	29.49
23	0.00	7.30		22.64	30.69
24	0.00	7.60		23.56	31.94
25	0.00	7.91		24.52	33.24
26	0.00	8.24	16.75	25.53	34.60
27	0.00	8.58	17.43	26.58	36.02
28	0.00	8.93	18.16	27.68	37.50
29	0.00	9.31	18.91	28.83	39.06
30	0.00	9.70	19.70	30.03	40.70
31	0.00	10.10	20.54	31.31	42.43
32	0.00	10.54	21.42	32.65	44.25
33	0.00	11.00	22.35	34.07	46.20
34	0.00	11.48	23.34	35.59	48.25
35	0.00	11.99	24.39	37.19	50.43
36	0.00	12.55	25.51	38.90	52.75
37	0.00	13.12	26.69	40.72	55.22
38	0.00	13.74	27.96	42.65	57.83
39	0.00	14.41	29.31	44.70	60.55
40	0.00	15.12	30.73	46.81	63.29
41	0.00	15.85	32.18	48.91	66.04
42	0.00	16.58	33.59	51.00	68.73
43	0.00	17.30	34.99	53.02	71.38
44	0.00	18.01	36.36	55.04	74.03
45	0.00	18.69	37.71	57.05	76.72
46	0.00	19.39	39.10	59.14	79.47
47	0.00	20.10	40.54	61.28	82.30
48	0.00	20.85	42.02	63.47	85.19
49	0.00	21.62	43.52	65.70	88.13
50	0.00	22.39	45.06	67.98	91.14
51	0.00	23.19	46.63	70.33	94.24
52	0.00	24.00	48.26	72.74	97.42
53	0.00	24.85	49.94	75.22	100.70
54	0.00	25.72	51.65	77.78	104.08
55	0.00	26.61	53.43	80.42	107.55
56	0.00	27.56	55.29	83.15	111.07
57	0.00	28.52	57.18	85.88	114.59
58	0.00	29.50	59.05	88.60	118.08
59	0.00	30.45	60.90	91.28	121.54
60	0.00	31.41	62.74	93.96	124.99
61	0.00	32.35	64.58	96.62	128.41
62	0.00	33.31	66.41	99.27	131.77
63	0.00	34.25	68.23	101.86	135.09
64	0.00	35.19	70.01	104.41	138.37
65	0.00	36.11	71.76	106.95	141.65

# TERMINAL RESERVES

Ordinary Life

FULL PRELIMINARY TERM

	YEARS.						
Age	6	7	8	9	10		
20	34.64	42.27	50.16	58,31	66.72		
21	36.03	43.97	52.17	60,64	69.38		
22	37.48	45.74	54.26	63,07	72.15		
23	39.00	47.59	56.45	65,60	75.04		
24	40.58	49.51	58.73	68,24	78.06		
25	42.23	51.52	61.11	71,00	81.22		
26	43.96	53.62	63.59	73.89	84.52		
27	45.76	55.81	66.20	76.92	87.98		
28	47.64	58.12	68.93	80.09	91.64		
29	49.63	60.54	71.80	83.45	95.48		
30	51.71	63.08	74.84	86.98	99.53		
31	53.91	65.78	78.04	90.72	103.82		
32	56.25	68.63	81.43	94.67	108.36		
33	58.71	71.65	85.03	98.86	113.15		
34	61.34	74.86	88.84	103.29	118.16		
35	64.11	78.26	92.87	107.92	123.35		
36	67.08	81.87	97.09	112.71	128.69		
37	70.20	85.62	101.43	117.61	134.10		
38	73.46	89.48	105.88	122.59	139.60		
39	76.79	93.42	110.36	127.60	145.14		
40	80.16	97.35	114.85	132.64	150.73		
41	83.49	101.26	119.32	137.69	156.33		
42	86.78	105.13	123.80	142.74	161.94		
43	90.04	109.02	128.28	147.80	167.56		
44	93.34	112.94	132.80	152.91	173.24		
45	96.67	116.90	137.38	158.08	179.02		
46	100.09	120.95	142.05	163.37	184.90		
47	103.57	125.09	146.83	168.78	190.90		
48	107.14	129.34	151.73	174.30	197.06		
49	110.79	133.66	156.72	179.95	203.34		
50	114.52	138.09	161.84	185.74	209.76		
51	118.34	142.64	167.09	191.66	216.27		
52	122.29	147.32	172.47	197.66	222.86		
53	126.35	152.12	177.93	203.75	229.51		
54	130.51	156.98	183.46	209.87	236.19		
55	134.72	161.90	189.01	216.02	242.87		
56	138.99	166.84	194.59	222.18	249.55		
57	143.23	171.77	200.14	228.28	256.13		
58	147.46	176.66	205.63	234.30	262.63		
59	151.63	181.49	211.02	240.21	269.02		
60	155.78	186.25	216.25	246.06	275.36		
61	159.86	190.94	221.61	251.86	281.62		
62	163.89	195.59	226.85	257.60	287.83		
63	167.87	200.21	232.02	263.29	293.98		
64	171.84	204.79	237.17	268.95	300.10		
65	175.79	209.36	242.30	274.58	306.18		

4%

# **TERMINAL RESERVES**

4%

Ordinary Life

FULL PRELIMINARY TERM

		YEA	RS.		
Age	II	12	13	14	15
20	75.41	84.37	93.62	103.17	113.04
21	78.41	87.72	97.33	107.26	117.51
22	81.53	91.20	101.20	111.52	122.17
23	84.78	94.85	105.24	115.97	127.07
24	88.20	98.67	109.47	120.65	132.19
25	91.76	102.65	113.92	125.54	137.56
26	95.50	106.85	118.57	130.69	143.22
27	99.43	111.25	123.46	136.10	149.16
28	103.56	115.88	128.62	141.80	155.40
29	107.91	120.77	134.06	147.79	161.93
30	112.51	125.93	139.79	154.05	168.68
31	117.37	131.36	145.77	160.54	175.66
32	122.50	137.05	151.97	167.24	182.80
33	127.86	142.94	158.38	174.10	190.11
34	133.41	149.02	164.92	181.11	197.57
35	139.13	155.22	171.60	188.25	205.18
36	144.97	161.54	178.39	195.53	212.92
37	150.89	167.95	185.32	202.92	220.76
38	156.89	174.47	192.32	210.40	228.71
39	162.97	181.06	199.40	217.96	236.73
40	169.09	187.69	206.53	225.57	244.82
41	175.22	194.35	213.68	233.23	252.95
42	181.37	201.02	220.87	240.92	261.11
43	187.54	207.73	228.11	248.65	269.36
44	193.79	214.53	235.43	256.50	277.70
45	200.13	221.41	242.86	264.45	286.15
46	206.59	228.45	250.45	272.56	294.71
47	213.19	235.63	258.18	280.76	303.35
48	219.95	242.96	266.01	289.07	312.06
49	226.84	250.38	273.92	297.41	320.81
50	233.82	257.88	281.89	305.81	329.58
51	240.88	265.44	289.91	314.23	338.36
52	248.00	273.05	297.95	322.65	347.10
53	255.18	280.68	306.00	331.04	355.79
54	262.35	288.31	313.99	339.37	364.42
55	269.52	295.88	321.93	347.63	372.98
56	276.63	* 303.39	329.80	355.84	381.47
57	283.65	310:81	337.59	363.94	389.84
58	290.58	318.14	345.27	371.93	398.09
59	297.42	325.37	352.84	379.80	406.22
60	304.18	332.51	360.32	387.58	414.26
61	310.87	339.58	367.72	395.26	422.19
62	317.50	346.58	375.05	402.87	430.07
63	324.07	353.51	382.30	410.44	437.87
64	330.57	360.40	389.53	417.94	445.58
65	337.08	367.27	396.72	425.37	453.27

# **TERMINAL RESERVES**

### Ordinary Life FULL PRELIMINARY TERM

			YEARS.			
Age	16	<b>17</b>	<b>18</b>	19	20	<b>21</b>
20	123.22	133.73	144.62	155.83	167.43	179.43
21	128.09	139.03	150.33	162.01	174.08	186.57
22	133.19	144.56	156.32	168.48	181.05	194.03
23	138.52	150.36	162.61	175.27	188.34	201.80
24	144.12	156.45	169.20	182.38	195.94	209.84
25	149.99	162.84	176.12	189.78	203.79	218.13
26	156.17	169.55	183.32	197.44	211.89	226.62
27	162.65	176.53	190.78	205.35	220.20	235.31
28	169.41	183.78	198.47	213.45	228.70	244.20
29	176.42	191.25	206.36	221.75	237.39	253.29
30	183.65	198.90	214.44	230.22	246.28	262.57
31	191.06	206.74	222.69	238.90	255.35	272.02
32	198.65	214.75	231.13	247.75	264.59	281.64
33	206.39	222.94	239.74	256.76	273.99	291.42
34	214.30	231.28	248.50	265.92	283.54	301.35
35	222.36	239.77	257.40	275.22	293.23	311.42
36	230.54	248.38	266.42	284.66	303.06	321.60
37	238.83	257.10	275.56	294.20	312.98	331.91
38	247.22	265.93	284.82	303.84	323.03	342.33
39	255.70	274.85	294.14	313.59	333.17	352.84
40	264.25	283.82	303.56	323.42	343.37	363.37
41	272.83	292.87	313.03	333.30	353.59	373.90
42	281.47	301.96	322.55	343.18	363.81	384.39
43	290.19	311.13	332.10	353.08	374.01	394.86
44	299.01	320.35	341.69	362.99	384.21	405.30
45	307.89	329.62	351.31	372.92	394.39	415.71
46	316.86	338.96	360.98	382.86	404.58	426.07
47	325.89	348.34	370.66	392.81	414.72	436.37
48	334.98	357.75	380.36	402.72	424.81	446.62
49	344.07	367.16	389.99	412.56	434.83	456.79
50	353.18	376.52	399.58	422.34	444.79	466.88
51	362.24	385.83	409.11	432.07	454.66	476.87
52	371.25	395.09	418.59	441.72	464.45	486.76
53	380.21	404.29	427.99	451.28	474.14	496.55
54	389.11	413.41	437.30	460.74	483.72	506.21
55	397.92	422.44	446.50	470.08	493.17	515.79
56	406.65	431.37	455.60	479.31	502.50	525.16
57	415.26	440.17	464.56	488.40	511.71	534.43
58	423.74	448.84	473.39	497.37	520.76	543.52
59	432.09	457.38	482.10	506.20	529.65	552.49
60	440.34	465.83	490.69	514.88	538.44	561.38
61	448.51	474.18	499.15	523.47	547.16	570.31
62	456.60	482.40	507.54	532.02	555.95	579.44
63	464.57	490.57	515.90	540.65	564.95	588.90
64	472.50	498.73	524.36	549.52	574.33	598.93
65	480.45	507.01	533.10	558.81	584.31	609.61

10

# **TERMINAL RESERVES**

4%

## 20 Payment Life FULL PRELIMINARY TERM

		Y	EARS		
Age	I	2	3	4	5
20	0.00	13.50	27.57	42.20	57.45
21	0.00	13.83	28.22	43.21	58.81
22	0.00	14.16	28.90	44.24	60.22
23	0.00	14.50	29.60	45.31	61.67
24	0.00	14.86	30.32	46.42	63.16
25	0.00	15.22	31.07	47.55	64.70
26	0.00	15.60	31.83	48.71	66.27
27	0.00	15.99	32.61	49.91	67.90
28	0.00	16.38	33.42	51.14	69.57
29	0.00	16.79	34.25	52.41	71.30
30	0.00	17.22	35.11	53.72	73.09
31	0.00	17.65	36.00	55.09	74.94
32	0.00	18.10	36.93	56.51	76.87
33	0.00	18.58	37.89	57.98	78.88
34	0.00	19.07	38.89	59.52	80.97
					-
35	0.00	19.58	39.95	61.13	83.16
36	0.00	20.13	41.05	62.82	85.47
37	0.00	20.69	42.20	64.59	87 88
38	0.00	21.29	43.43	66.46	90.41
39	0.00	21.92	44.72	68.41	93.00
40	0.00	22 50	1005	70.20	05 50
40 41	0.00	22.58	46.05	70.39	95.58
	0.00	23.27	47.39	72.34	98.13
42	0.00	23.93	48.68	74.24	100.58
43	0.00	24.57	49.93	76.05	102.95
44	0.00	25.20	51.12	77.81	105.26
45	0.00	25.77	52.27	79.52	107.54
46	0.00	26.36	53.43	81.25	109.83
47	0.00	26.94	54.60	82.98	112.12
48	0.00	27.54	55.78	84.73	114.41
49	0.00	28.13	56.95	86.46	116.67
15	0.00	20.15	J0.9J	00.40	110.07
50	0.00	28.73	58.12	88.18	118,95
51	0.00	29.33	59.29	89 92	121.23
52	0.00	29.92	60.48	91.67	123.51
53	0.00	30.55	61.69	93.43	125.84
54	0.00	31.16 .	62.89	95.22	128.18
55	0.00	31.79	64.14	97.06	130.56
56	0.00	32.46	65.43	98.93	132.92
57	0.00	33.13	66.73	100.76	135.23
58	0.00	33.81	68.00	102.55	137.47
59	0.00	34.45	69.22	104.27	139.63
60	0.00	35.10	70.42	105.97	141.74

COMB. EXP.

# **TERMINAL RESERVES**

### 20 Payment Life FULL PRELIMINARY TERM

		YI	EARS		
Age	6	<b>7</b>	<b>8</b>	9	<b>10</b>
20	73.32	89.86	107.09	125.03	143.72
21	75.06	91.98	109.60	127.96	147.09
22	76.85	94.17	112.21	130.99	150.56
23	78.70	96.43	114.88	134.11	154.13
24	80.60	98.74	117.64	137.31	157.81
25	82.55	101.13	120.47	140.62	161.61
26	84.56	103.58	123.39	144.02	165.51
27 28 29 30	86.62 88.75 90.96 93.24	106.11 108.72 111.41 114.21	126.40 129.50 132.72 .	147.53 151.16 154.92 158.81	169.55 173.72 178.04 182.53
31 32 33 34	95.60 98.07 100.63 103.31	114,21 117,11 120,14 123,28 126,57	139.51 143.12 146.88 150.80	136.81 162.85 167.08 171.47 176.03	182.55 187.19 192.05 197.09 202.28
35	106.11	130.00	154.88	180.74	207.58
36	109.05	133.60	159.10	185.55	212.98
37	112.12	137.28	163.38	190.42	218.39
38	115.27	141.04	167.72	195.29	223.82
39	118.46	144.81	172.03	200.15	229.22
40	121.63	148.52	176.28	204.95	234.58
41	124.73	153.16	180.49	209.72	239.90
42	127.73	155.71	184.57	214.35	245.08
43	130.65	159.19	188.61	218.93	250.22
44	133.52	162.61	192.58	223.44	255.26
45	136.36	166.00	196.50	227.90	260.26
46	139.19	169.37	200.40	232.34	265.23
47	142.02	172.73	204.29	236.74	270.15
48	144.84	176.08	208.16	241.12	275.06
49	147.65	179.40	211.98	245.47	279.91
50	150.45	182.71	215.81	249,80	284.73
51	153.25	186.04	219.64	254.11	289.47
52	156.07	189.37	223.45	258.34	294.10
53	158.92	192.72	227.22	262.51	298.62
54	161.78	196.01	230.92	266.54	302.98
55	164.61	199.26	234.52	270.48	307.19
56	167.42	202.44	238.04	274.27	311.21
57	170.13	205.51	241.40	277.87	315.00
58	172.77	208.47	244.61	281.28	318.56
59	175.29	211.27	247.64	284.46	321.85
60	177.73	213.97	250.52	287.47	324.97

4%

# TERMINAL RESERVES

4%

20 Payment Life FULL PRELIMINARY TERM

			YEARS		
Age	11	12	13	14	15
20	163.20	183.51	204.67	226.74	249.77
21	167.01	187.78	209.43	232.02	255.57
22	170.95	192.20	214.36	237.47	261.58
23	175.00	196.75	219.42	243.08	267.77
24	179.17	201.44	224.66	248.88	274.16
25	183.48	206.28	230.06	254.87	280.77
26	187.91	211.27	235.63	261.05	287.59
27	192.50	216.43	241.40	267.46	294.67
28	197.24	221.77	247.36	274.08	301.96
29	202.16	227.31	253.56	280.94	309.48
30	207.26	233.06	259.97	288.00	317.18
31	212.56	239.02	266.56	295.22	325.03
32	218.07	245.16	273.33	302.61	333.01
33	223.74	251.44	280.21	310.07	341.08
34	229.53	257.83	287.17	317.61	349.22
35	235.43	264.28	294.20	325.22	357.44
36	241.38	270.80	301.28	332.90	365.73
37	247.34	277.32	308.38	340.60	374.03
38	253.32	283.87	315.51	348.32	382.37
39	259.29	290.40	322.63	356.03	390.70
40	265.20	296.89	329.69	363.68	398.97
41	271.08	303.33	336.71	371.31	407.23
42	276.82	309.63	343.60	378.80	415.34
43	282.51	315.89	350.43	386.24	423.44
44	288.11	322.05	357.17	393.59	431.43
45	293.65	328.14	363.85	400.88	439.35
46	299.15	334.20	370.48	408.10	447.17
47	304.62	340.21	377.04	415.20	454.85
48	310.04	346.16	383.49	422.17	462.36
49	315.39	351.98	389.78	428.94	469.66
50	320.65	357.68	395.91	435.54	476.74
51	325.81	363.23	401.87	441.91	483.57
52	330.80	368.59	407.59	448.01	490.09
53	335.66	373.77	413.09	453.85	496.32
54	340.32	378.69	418.29	459.34	502.17
55	344.77	383.38	423.20	464.51	507.68
56	349.00	387.78	427.79	469.35	512.82
57	352.94	391.86	432.05	473.80	517.54
58	356.61	395.67	435.97	477.89	521.86
59	360.01	399.14	439.53	481.55	525.72
60	363.18	402.34	442.76	484.85	529.15

# **TERMINAL RESERVES**

### 20 Payment Life FULL PRELIMINARY TERM

		Y	EARS		
Age	16	17 .	18	19	20
20	273.80	298.88	325.08	352.44	381.04
21	280.16	305.83	332.64	360.66	389.96
22	286.75	313.03	340.48	369.18	399.18
23	293.53	320.45	348.57	377.97	408.71
24	300.55	328.13	356.95	387.06	418.52
25	307.82	336.08	365.00	396.42	428.57
26	315.31	344.27	374.48	405.99	438.86
27	323.08	352.71	383.60	415.81	449.35
28	331.04	361.33	392.89	425.76	460.02
29	339.21	370.16	402.37	435.91	470.88
30	347.55	379.12	411.99	446.21	481.99
31	356.01	388.22	421.74	456.67	493.11
32	364.61	397.46	431.66	467.29	504.46
33	373.29	406.79	441.66	478.02	515.95
34 -	382.06	416.21	451.77	488.85	527.57
35	390.91	425.72	461.98	499.79	539.31
36	399.83	435.31	472.27	510.84	551.16
37	408.78	444.92	482.59	521.93	563.10
38	417.75	454.58	492.98	533.10	575.14
39	426.73	464.25	503.39	544.34	587.26
40	435.66	473.88	513.79	555.57	599,43
41	444.59	483.53	524.23	566.87	611.63
42	453.39	493.06	534.55	578.05	623.83
43	462.17	502.59	544.87	589.25	636.00
44	470.84	511.98	555.05	600.31	648.12
45	479.42	521.26	565.12	611.30	660.17
46	487.88	530.42	575.07	622.17	672.12
47	496.17	539.40	584.85	632.88	683.97
48	504.29	548.20	594.44	643.42	695.65
49	512.15	556.72	603.75	653.70	707.19
50	519.79	565.01	612.82	663.78	718.57
51	527.15	573.01	621.62	673.62	729.76
52	534.16	580.65	630.09	683.16	740.77
53	540.87	587.99	638.26	692.46	751.57
54	547.20	594.94	646.05	701.41	762.15
55	553.15	601.50	653.46	710.03	772.51
56	558.71	607.65	660.49	718.32	782.65
57	563.82	613.35	667.06	726.22	792.54
58	568.50	618.60	673.22	733.78	802.20
59	572.68	623.33	678.87	740.89	811.59
60	576.40	627.60	684.05	747.57	820.74

4%

14

# **TERMINAL RESERVES**

4%

## 15 Payment Life FULL PRELIMINARY TERM

YEARS						
Age	I	2	3	4	5 ·	
20	0.00	18.17	37.13	56.89	77.51	
21	0.00	18.58	37.96	58.17	79.25	
22	0.00	19.00	38.81	59.48	81.03	
23	0.00	19.44	39.70	60.84	82.88	
24	0.00	19.89	40.62	62.23	84.77	
25	0.00	20.35	41.56	63.67	86.73	
26	0.00	20.82	42.52	65.15	88.74	
27	0.00	21.31	43.52	66.66	90.80	
28	0.00	21.81	44.54	68.23	92.93	
29	0.00	22.32	45.59	69.84	95.12	
30	0.00	22.86	46.67	71.50	97.38	
31	0.00	23.40	47.78	73.20	99.71	
32	0.00	23.97	48.94	74.98	102.13	
33	0.00	24.55	50.14	76.81	104.63	
34	0.00	25.16	51.37	78.71	107.23	
35	0.00	25.79	52.67	80.69	109.93	
36	0.00	26.45	54.01	82.75	112.74	
37	0.00	27.13	55.40	84.90	115.68	
38	0.00	27.84	56.87	87.15	118.73	
39	0.00	28.60	58.41	89.49	121.84	
40	0.00	29.38	59.99	91.85	124.97	
41	0.00	30.19	61.58	94.20	128.07	
42	0.00	30.98	63.13	96.50	131.09	
43	0.00	31.74	64.64	98.72	134.03	
44	0.00	32.48	66.09	100.88	136.91	
45	$\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\end{array}$	33.18	67.49	102.99	139.75	
46		33.88	68.89	105.11	142.58	
47		34.57	70.29	107.21	145.39	
48		35.27	71.67	109.28	148.16	
49		35.96	73.05	111.35	150.91	
50	0.00	36.63	74.40	113.36	153.62	
51	0.00	37.30	75.72	115.36	156.27	
52	0.00	37.95	77.04	117.32	158.89	
53	0.00	38.62	78.35	119.26	161.49	
54	0.00	39.26	79.62	121.19	164.05	
55	0.00	39.89	80.90	123.08	166.56	
56	0.00	40.55	82.18	124.98	169.00	
57	0.00	41.19	83.44	126.77	171.31	
58	0.00	41.82	84.61	128.45	173.44	
59	0.00	42.38	85.68	129.98	175.41	
60	0.00	42.92	86.69	131.41	177.21	

# TERMINAL RESERVES

### 15 Payment Life

### FULL PRELIMINARY TERM

			YEARS		
Age	6	7	8	9	10
20	99.03	121.41	144.90	169.35	194.88
21	101.24	124.18	148.13	173.12	199.20
22	103.52	126.98	151.46	177.00	203.67
23	105.87	129.85	154.88	181.00	208.27
24	108.29	132.81	158.41	185.12	213.01
25	110.78	135.87	162.04	189.37	217.90
26	113.34	139.00	165.78	193.74	222.93
27	115.98	142.24	169.65	198.26	228.14
28	118.69	145.57	173.62	202.91	233.51
29	121.49	149.01	177.73	207.72	239.05
30	124.39	$152.56 \\ 156.22 \\ 160.03 \\ 163.96 \\ 168.05$	181.98	212.70	244.79
31	127.36		186.35	217.82	250.71
32	130.46		190.90	223.16	256.87
33	133.66		195.61	228.67	263.22
34	136.98		200.50	234.39	269.76
35	140.45	172.31	205.57	240.27	276.44
36	144.05	176.72	210.78	246.27	283.24
37	147.78	181.25	216.09	252.37	290.11
38	151.62	185.85	221.47	258.50	297.02
39	155.50	190.49	226.85	264.64	303.96
40	159.39	195.11	232.21	270.78	310.91
41	163.20	199.66	237.53	276.89	317.84
42	166.95	204.15	242.79	282.95	324.74
43	170.62	208.59	248.00	288.97	331.60
44	174.25	212.97	253.17	294.94	338.40
45	177.82	217.30	258.27	- 300.84	345.16
46	181.39	221.61	263.34	306.73	351.90
47	184.92	225.87	268.38	312.56	358.56
48	188.38	230.07	273.33	318.30	365.16
49	191.85	234.25	278.25	324.02	371.73
50	195.24	238.35	283.10	329.65	378.19
51	198.57	242.39	287.88	335.19	384.51
52	201.87	246.38	292.57	340.59	390.67
53	205.13	250.30	297.15	345.85	396.64
54	208.32	254.10	301.56	350.90	402.39
55	211.39	257.74	305.76	355.71	407.86
56	214.37	261.23	309.79	360.29	413.06
57	217.15	264.50	313.54	364.56	417.91
58	219.74	267.51	316.98	368.48	422.37
59	222.09	270.23	320.10	372.00	426.40
60	224.23	272.69	322.87	375.16	430.04

4%

# **TERMINAL RESERVES**

4%

### 15 Payment Life

#### FULL PRELIMINARY TERM

YEARS					
Age	II	12	13	14	15
20	221.53	249.37	278.45	308.83	340.60
21	226.45	254.90	284.62	315.69	348.17
22	231.52	260.61	291.01	322.78	355.99
23	236.74	266.50	297.58	330.08	364.07
24	242.13	272.56	304.37	337.63	372.41
25	247.70	278.84	311.39	345.43	381.04
26	253.43	285.30	318.63	353.48	389.96
27	259.36	291.99	326.11	361.82	399.18
28	265.48	298.89	333.85	370.43	408.71
29	271.79	306.03	341.85	379.32	418.52
30	278.34	313.43	350.13	388.49	428.57
31	285.10	321.05	358.61	397.85	438.86
32	292.10	328.91	367.33	407.46	449.35
33	299.29	336.93	376.21	417.20	460.02
34	306.65	345.13	385.25	427.13	470.88
35	314.15	353.45	394.42	437.20	481.91
36	321.74	361.86	403.71	447.41	493.11
37	329.41	370.37	413.11	457.75	504.46
38	337.14	378.96	422.60	468.21	515.95
39	344.91	387.61	432.18	478.77	527.57
40	352.71	396.30	441.81	489.41	539.31
41	360.50	404.99	451.47	500.12	551.16
42	368.27	413.68	461.16	510.89	563.10
43	376.01	422.37	470.87	521.70	575.14
44	383.72	431.04	480.57	532.55	587.26
45	391.37	439.66	490.26	543.42	599.43
46	399.01	448.29	499.97	554.31	611.63
47	406.60	456.87	509.63	565.16	623.83
48	414.10	465.36	519.19	575.92	636.00
49	421.58	473.80	528.71	586.66	648.12
50	428.91	482.09	538.06	597.26	660.17
51	436.08	490.20	547.25	607.70	672.12
52	443.06	498.11	556.24	617.97	683.97
53	449.84	505.81	565.02	628.06	695.65
54	456.37	513.24	573.53	637.91	707.19
55	462.58	520.34	581.72	647.47	718.57
56	468.50	527.13	589.61	656.80	729.76
57	474.04	533.54	597.16	665.84	740.77
58	479.17	539.55	604.32	674.54	751.57
59	483.87	545.11	611.06	682.88	762.15
60	488.13	550.23	617.36	690.87	772.51

# TERMINAL RESERVES

### 10 Payment Life FULL PRELIMINARY TERM

		YE	ARS	· · ·	
Age	I	2	3	4	5
20	0.00	28.33	57.93	88.85	121.16
21	0.00	28.93	59.15	90.72	123.72
22	0.00	29.54	60.40	92.65	126.35
23	0.00	30.18	61.70	94.64	129.07
24	0.00	30.84	63.04	96.70	131.87
25	0.00	31.51	64.42	98.81	134.75
26	0.00	32.21	65.84	100.99	137.72
27	0.00	32.92	67.31	103.24	140.78
28	0.00	33.66	68.82	105.55	143.94
29	0.00	34.42	70.37	107.93	147.19
30	0.00	35.20	71.97	110.39	150.55
31	0.00	36.00	73.61	112.92	154.01
32	0.00	36.83	75.32	115.54	157.59
33	0.00	37.69	77.05	118.22	161.27
34	0.00	38.57	78.88	121.03	165.10
35	0.00	39.49	80.77	123.92	169.06
36	0.00	40.44	82.70	126.90	173.15
37	0.00	41.42	84.71	130.00	177.38
38	0.00	42.44	86.81	133.22	181.77
39	0.00	43.50	88.99	136.55	186.27
40	0.00	44.60	91.23	139.94	190.82
41	0.00	45.74	93.50	143.35	195.39
42	0.00	46.86	95.74	146.74	199.92
43	0.00	47.97	97.97	150.08	204.43
44	0.00	49.06	100.15	153.39	208.92
45	0.00	50.11	102.29	156.67	213.40
46	0.00	51.17	104.44	159.96	217.88
47	0.00	52.22	106.58	163.24	222.37
48	0.00	53.27	108.73	166.52	226.84
49	0.00	54.31	110.85	169.77	231.27
50	0.00	55.34	112.94	172.97	235.67
51	0.00	56.35	115.00	176.15	240.01
52	0.00	57.34	117.03	179.27	244.30
53	0.00	58.33	119.03	182.34	248.55
54	0.00	59.28	120.98	185.37	252.72
55	0.00	60.20	122.90	188.34	256.82
56	0.00	61.14	124.80	191.25	260.79
57	0.00	62.03	126.62	194.02	264.58
58	0.00	62.89	128.33	196.63	268.16
59	0.00	63.66	129.90	199.04	271.50
<b>60</b>	0.00	64.38	131.35	201.27	274.60

4%

-

# **TERMINAL RESERVES**

4%

------

### 10 Payment Life FULL PRELIMINARY TERM

		YE	ARS		
Age	6	7	8	9	10
20	154.94	190.25	227.17	265.78	306.17
21	158.21	194.26	231.96	271.39	312.62
22	161.57	198.39	236.89	277.16	319.29
23	165.03	202.65	241.98	283.12	326.17
24	168.63	207.05	247.24	289.28	333.27
25	172.31	211.59	252.66	295.63	340.60
26	176.12	216.26	258.25	302.19	348.17
27	180.03	221.08	264.02	308.95	355.99
28	184.08	226.06	269.97	315.94	364.07
29	188.25	231.19	276.12	323.16	372.41
30	192.55	236.48	282.47	330.61	381.04
31	196.99	241.96	289.03	338.31	389.96
32	201.58	247.61	295.80	346.28	399.18
33	206.30	253.43	302.79	354.50	408.71
34	211.22	259.50	310.06	363.03	418.52
35	216.30	265.76	317.56	371.79	428.57
36	221.55	272.22	325.25	380.75	438.86
37	226.97	278.85	333.12	389.90	449.35
38	232.55	285.63	341.15	399.22	460.02
39	238.22	292.52	349.28	408.67	470.88
40	243.96	299.47	357.50	418.25	481.91
41	249.70	306.44	365.79	427.93	493.11
42	255.44	313.45	374.15	437.73	504.46
43	261.17	320.48	382.56	447.63	515.95
44	266.91	327.54	391.03	457.61	527.57
45	272.65	334.62	399.53	467.66	539.31
46	278.40	341.71	408.07	477.78	551.16
47	284.15	348.81	416.65	487.95	563.10
48	289.88	355.92	425.24	498.17	575.14
49	295.60	363.01	433.82	508.43	587.26
50	301.26	370.05	442.40	518.70	599.43
51,	306.87	377.06	450.94	528.96	611.63
52,	312.44	384.02	459.45	539.19	623.83
53	317.95	390.92	467.88	549.35	636.00
54	323.38	397.70	476.18	559.41	648.12
55	328.67	404.32	484.33	569.34	660.17
56	333.80	410.77	492.29	579.11	672.12
57	338.72	416.99	500.04	588.69	683.97
58	343.40	422.94	507.52	598.04	695.65
59	347.81	428.60	514.70	607.13	707.19
60	351.91	433.93	521.56	615.95	718.57



# **TERMINAL RESERVES**

4%

### 20 Year Endowment FULL PRELIMINARY TERM

		YE	ARS		
Age	I	2	3	- 4	5
20 21 22 23 24	0.00 0.00 0.00 0.00 0.00	33.87 33.86 33.85 33.84 33.83	69.27 69.25 69.23 69.21 69.18	106.27 106.24 106.20 106.16 106.12	144.96 144.91 144.86 144.80 144.74
25 26 27 28 29	0.00 0.00 0.00 0.00 0.00	33.82 33.81 33.79 33.77 33.76	69.15 69.12 69.08 69.05 69.02	106.07 106.02 105.97 105.91 105.86	144.67 144.59 144.51 144.43 144.36
30 31 32 33 34	0.00 0.00 0.00 0.00 0.00	33.75 33.74 33.73 33.74 33.74 33.76	68.99 68.97 68.97 68.98 69.01	105.82 105.78 105.76 105.78 105.83	144.30 144.25 144.24 144.26 144.33
35 36 37 38 39	0.00 0.00 0.00 0.00 0.00	33.79 33.84 33.91 34.00 34.12	69.08 69.17 69.30 69.49 69.73	105.93 106.08 106.29 106.57 106.91	144.46 144.66 144.94 145.29 145.70
40 41 42 43 44	0.00 0.00 0.00 0.00 0.00 0.00	34.26 34.42 34.56 34.68 34.78	70.01 70.27 70.50 70.68 70.81	107.28 107.60 107.86 108.04 108.16	146.07 146.42 146.63 146.79 146.89
45 46 47 48 49	0.00 0.00 0.00 0.00 0.00 0.00	34.86 34.92 34.98 35.06 35.15	70.89 71.00 71.10 71.23 71.38	108.25 108.35 108.47 108.61 108.77	146.96 147.04 147.13 147.24 147.37
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00 0.00	35.25 35.36 35.49 35.64 35.81	71.54 71.72 71.94 72.20 72.50	108.95 109.16 109.42 109.74 110.13	147.53 147.73 147.99 148.33 148.75
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00 0.00	36.01 36.26 36.54 36.85 37.13	72.86 73.29 73.78 74.09 74.77	110.60 111.17 111.76 112.34 112.96	149.27 149.86 150.48 151.09 151.71
60	0.00	37.44	75.29	113.59	152.36

# **TERMINAL RESERVES**

4%

### 20 Year Endowment FULL PRELIMINARY TERM

		YE	ARS		
Age	6	7	8	9	10
20	185.42	227.74	272.02	318.35	366.84
21	185.36	227.66	271.91	318.22	366.69
22	185.29	227.57	271.79	318.08	366.52
23	185.21	227.46	271.66	317.93	366.35
24	185.12	227.35	271.52	317.76	366.16
25	185.02	227.23	271.37	317.58	365.96
26	184.92	227.10	271.21	317.40	365.74
27	184.82	226.97	271.05	317.22	365.54
28	184.71	226.83	270.89	317.04	365.33
29	184.62	226.71	270.75	316.88	365.15
30	184.54	226.62	270.64	316.75	365.01
31	184.48	225.56	270.57	316.67	364.93
32	184.46	226.54	270.55	316.65	364.92
33	184.49	226.58	270.60	316.71	364.99
34	184.58	226.69	270.74	316.85	365.12
35	184.75	226.89	270.96	317.06	365.29
36	185.01	227.17	271.25	317.31	365.48
37	185.34	227.51	271.59	317.58	365.63
38	185.72	227.92	271.91	317.81	365.74
39	186.13	228.28	272.18	317.98	365.79
40 41 42 43 44	186.49 186.77 186.95 187.05 187.10	228.57 228.77 228.87 228.89 228.89 228.85	272.38 272.49 272.50 272.42 272.28	318.08 318.08 317.98 317.78 317.51	365.76 365.63 365.39 365.05 364.63
45	187.11	228.78	272.10	317.18	364.16
46	187.14	228.72	271.90	316.87	363.67
47	187.17	228.65	271.72	316.53	363.16
48	187.22	228.60	271.55	316.21	362.69
49	187.29	228.58	271.40	315.91	362.24
50	187.39	228.60	271.30	315.65	361.80
51	187.54	228.67	271.26	315.44	361.36
52	187.76	228.82	271.29	315.26	360.92
53	188.08	229.05	271.37	315.11	360.49
54	188.48	229.34	271.47	314.97	360.04
55	188.95	229.68	271.69	314.83	359.57
56	189.46	230.05	271.75	314.68	359.06
57	189.99	230.44	271.89	314.50	358.50
58	190.53	230.81	272.01	314.28	357.87
59	191.08	231.18	272.11	314.03	357.19
60	191.65	231.57	272.21	313:75	356.48

# **TERMINAL RESERVES**

### 20 Year Endowment FULL PRELIMINARY TERM

		YI	EARS		
Age	II	12	13	14	15
20	417.60	470.76	526.44	584.79	645.95
21	417.43	470.57	526.24	584.58	645.75
22	417.24	470.37	526.02	584.36	645.53
23	417.04	470.15	525.78	584.12	645.29
24	416.83	469.92	525.54	583.87	645.04
25	416.61	469.68	525.29	583.61	644.79
26	416.38	469.43	525.02	583.35	644.54
27	416.15	469.19	524.78	583.11	644.31
28	415.93	468.97	524.56	582.89	644.09
29	415.74	468.78	524.37	582.69	643.89
30	415.60	468.63	524.22	582.52	643.69
31	415.52	468.54	524.11	582.38	643.50
32	415.50	468.50	524.02	582.23	543.29
33	415.54	468.49	523.95	582.07	643.06
34	415.62	468.49	523.86	581.89	642.80
35	415.73	468.48	523.74	581.68	642.51
36	415.80	468.44	523.59	581.42	642.17
37	415.83	468.35	523.39	581.11	641.78
38	415.81	468.20	523.13	580.74	641.32
39	415.73	468.01	522.80	580.29	640.78
40	415.57	467.71	522.37	579.74	640.14
41	415.31	467.28	521.82	579.07	639.36
42	414.94	466.76	521.15	578.28	638.48
43	414.46	466.13	520.37	577.38	637.51
44	413.89	465.41	519.50	576.39	636.42
45	413.25	464.63	518.56	575.33	635.26
46	412.58	463.81	517.58	574.20	634.02
47	411.92	462.96	516.55	573.00	632.68
48	411.27	462.09	515.47	571.72	631.24
49	410.60	461.22	514.35	570.35	629.69
50	409.92	460.27	513.12	568.89	628.03
51	409.22	459.26	511.84	567.32	626.24
52	408.49	458.22	510.47	565.63	624.29
53 ·	407.74	457.11	509.00	563.82	622.17
54	406.94	455.92	507.41	561.86	619.87
55	406.07	454.63	505.68	559.72	617.39
56	405.13	453.24	503.82	557.43	614.76
57	404.12	451.74	501.83	554.97	611.88
58	403.02	450.13	499.71	552.34	608.83
59	401.85	448.43	497.46	549.55	605.57
60	400.64	446.66	495.10	546.61	602.10

# **TERMINAL RESERVES**

4%

### 20 Year Endowment FULL PRELIMINARY TERM

		YEARS		
Age	16	17	18	19
20	710.09	777.38	847.99	922.13
21	709.90	777.21	847.86	922.05
23	709.69	777.02	847.71	921.97
23	709.46	776.82	847.56	921.88
24	707.23	776.62	847.41	921.79
25	709.00	776.42	847.26	921.70
26	708.77	776.21	847.09	921.59
27	708.55	776.02	846.93	921.50
28	708.33	775.81	846.76	921.38
29	708.13	775.61	846.57	921.26
30	707.91	775.38	846.36	921.12
31	707.68	775.13	846.14	920.97
32	707.42	774.86	845.89	920.80
33	707.14	774.56	845.62	920.63
34	706.83	774.24	845.33	920.45
35	706.49	773.89	845.01	920.25
36	706.10	773.49	844.65	920.01
37	705.64	773.02	844.23	919.74
38	705.12	772.48	843.77	919.44
39	704.52	771.86	843.25	919.11
40	703.83	771.18	842.68	918.75
41	703.03	770.42	842.00	918.34
42	702.12	769.56	841.27	917.87
43	701.10	768.58	840.47	917.34
44	699.98	767.50	839.54	916.76
45	698.77	766.33	838.54	916.13
46	697.46	765.06	837.45	915.44
47	696.04	763.67	836.26	914.68
48	694.51	762.17	834.97	913.86
49	692.86	760.54	833.56	912.96
50	691.08	758.77	832.02	911.97
51	689.14	756.85	830.35	910.89
52	687.03	754.76	828.53	909.70
53	684.74	752.49	826.55	908.41
54	682.27	750.01	824.39	907.02
55	679.59	747.35	822.02	905.49
56	676.69	744.42	819.45	903.81
57	673.57	741.29	816.70	901.97
58	670.22	737.90	813.68	899.95
59	666.63	734.24	810.39	897.75
60	662.81	730.31	806.85	895.35

# **TERMINAL RESERVES**

### 15 Year Endowment FULL PRELIMINARY TERM

		YE	ARS		
Age	I	2	3	-4	5
20 21 22 23 24	0.00 0.00 0.00 0.00 0.00 0.00	52.07 52.05 52.03 52.01 51.99	106.54 106.50 106.46 106.41 106.36	<ul> <li>163.53</li> <li>163.47</li> <li>163.40</li> <li>163.33</li> <li>163.26</li> </ul>	223.17 223.09 223.00 222.91 222.81
25 26 27 28 29	0.00 0.00 0.00 0.00 0.00 0.00	51.96 51.93 51.90 51.86 51.82	106.31 106.25 106.19 106.12 106.04	163.18 163.09 162.99 162.88 162.77	222.70 222.58 222.45 222.31 222.16
30 31 32 33 34	0.00 0.00 0.00 0.00 0.00 0.00	51.78 51.74 51.70 51.66 51.63	105.96 105.88 105.80 105.72 105.65	162.65 162.53 162.41 162.30 162.21	222.00 221.84 221.69 221.55 221.43
35 36 37 38 39	0.00 0.00 0.00 0.00 0.00	51.61 51.59 51.59 51.61 51.64	105.60 105.57 105.56 105.59 105.66	162.14 162.10 162.10 162.14 162.22	221.34 221.29 221.29 221.34 221.42
40 41 42 43 44	0.00 0.00 0.00 0.00 0.00 0.00	51.69 51.75 51.78 51.79 51.77	105.77 105.84 105.87 105.84 105.74	162.32 162.37 162.34 162.21 162.00	221.46 221.44 221.32 221.08 220.75
45 46 47 48 49	0.00 0.00 0.00 0.00 0.00 0.00	51.72 51.65 51.56 51.47 51.37	105.59 105.42 105.23 105.03 104.81	161.74 161.45 161.13 160.79 160.42	220.36 219.93 219.47 218.96 218.41
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00 0.00	51.27 51.16 51.05 50.93 50.81	104.57 104.31 104.05 103.78 103.52	160.02 159.60 159.16 158.70 158.25	217.82 217.20 216.56 215.92 215.28
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00 0.00	50.70 50.61 50.54 50.45 50.34	103 28 103.06 102.82 102.56 102.26	157.83 157.45 157.00 156.46 155.85	214.63 213.95 213.20 212.35 211.41
60	0.00	50.21	, 101.91	155.20	210.38

# **TERMINAL RESERVES**

4%

### 15 Year Endowment FULL PRELIMINARY TERM

		YE.	ARS		
Age	6	7	8	9	10
20	285.61	350.97	419.42	491.11	566.22
21	285.51	350.85	419.29	490.97	566.08
22	285.40	350.72	419.15	490.81	565.93
23	285.28	350.58	419.00	490.64	565.76
24	285.15	350.43	418.83	490.46	565.57
25	285.01	350.27	418.65	490.26	565.37
26	284.86	350.10	418.46	490.05	565.15
27	284.70	349.91	418.25	489.83	564.92
28	284.53	349.71	418.02	489.59	564.67
29	284.35	349.50	417.78	489.34	564.41
30	284.16	349.28	417.53	489.08	564.15
31	283.96	349.06	417.28	488.83	563.90
32	283.77	348.85	417.05	488.60	563.67
33	283.60	348.66	416.85	488.39	563.46
34	283.46	348.48	416.69	488.21	563.26
35	283.36	348.39	416.56	488.05	563.07
36	283.31	348.32	416.45	487.91	562.86
37	283.30	348.27	416.36	487.74	562.62
38	283.31	348.25	416.25	487.53	562.32
39	283.35	348.18	416.08	487.25	561.95
40	283.32	348.03	415.82	486.89	561.49
41	283.19	347.78	415.44	486.42	560.93
42	282.94	347.41	414.94	485.83	560.27
43	282.58	346.93	414.34	485.13	559.50
44	282.12	346.35	413.64	484.32	558.61
45	281.58	345.68	412.84	483.41	557.62
46	281.04	344.98	412.00	482.41	556.54
47	280.37	344.15	411.01	481.32	555.37
48	279.70	343.31	409.99	480.15	554.11
49	278.98	342.40	408.91	478.91	552.76
50	278.20	341.40	407.76	477.59	551.31
51	277.38	340.40	406.54	476.19	549.76
52	276.54	339.33	405.25	474.70	548.10
53	275.68	338.23	403.89	473.10	546.30
54	274.79	337.08	402.44	471.37	544.36
55	273.86	335.81	400.87	469.50	542.25
56	272.86	334.47	399.16	467.47	539.94
57	271.76	332.99	397.28	465.24	537.40
58	270.53	331.38	395.25	462.78	534.61
59	269.17	329.55	392.97	460.07	531.56
60	267.69	327.57	390.51	457.13	528.27

# **TERMINAL RESERVES**

### 15 Year Endowment FULL PRELIMINARY TERM

		YEARS		
Age	II	12	13	14
20	644.95	727.46	813.99	904.76
21 22	644.80 644.64	727.34 727.20	813.88 813.77	904.71 904.65
23	644.47	727.04	813.65	904.05
-24	644.29	726.87	813.52	904.50
25	644.09	726.69	813.38	904.41
26 27	643.88 643.65	726.50	813.23	904.32
28	643.41	726.30 726.09	813.08 812.92	904.23 904.13
29	643.16	725.88	812.75	904.02
30	642.92	725.67	812.58	903.91
31	642.69	725.46	812.40	903.80
32 33	642.47 642.26	725.25 725.03	812.22 812.03	903.69
34	642.04	725.05 724.80	812.05	903.57 903.43
35	641.80	724.55	811.61	903.28
36	641.55	724.27	811.35	903.10
37	641.23	723.94	811.05	902.90
38 39	640.88 640.47	723.58	810.71	902.68
39	040.47	723.15	810.33	902.43
40	639.96	722.64	809.89	902.15
41 42	639.37 638.66	722.05 721.37	809.39 808.81	901.84 901.49
42	637.84	720.60	808.16	901.49
44	636.92	719.73	807.43	900.64
45	635.90	718.76	806.59	900.13
46	634.82	717.69	805.73	899.57
47 48	633.60 632.32	716.54 715.31	804.77 803.73	898.97 898.32
49	630.93	713.98	802.61	897.61
50	629.41	712.53	801.38	. 896.83
50	627.79	710.96	800.03	895.97
52	626.03	709.26	798.56	895.03
53	624.15	707.40	796.96	894.01
54	622.07	705.37	795.22	892.90
55	619.83	703.16	793.32	891.69
56 57	617.38 614.68	700.74 698.07	791.20 788.90	890.33 888.86
57 58	611.68	695.13	786.38	887.22
59	608.45	691.93	783.59	885.42
60	604.93	688.48	780.59	883.47

# TERMINAL RESERVES

4%

### 10 Year Endowment FULL PRELIMINARY TERM

		YEAR	S	•	
Age	I	2	3	4	5
20 21 22 23. 24	0.00 0.00 0.00 0.00 0.00	91.66 91.63 91.60 91.57 91.54	187.62 187.56 187.50 187.44 187.38	288.10 288.02 287.94 287.86 287.77	393.32 393.23 393.13 393.03 392.92
25 26 27 28 29	0.00 0.00 0.00 0.00 0.00 0.00	91.50 91.46 91.42 91.37 91.32	187.31 187.24 187.16 187.07 186.98	287.67 287.57 287.45 287.33 287.20	392.81 392.69 392.55 392.40 392.24
30 31 32 33 34	0.00 0.00 0.00 0.00 0.00 0.00	91.27 91.21 91.15 91.09 91.02	186.88 186.77 186.66 186.55 186.43	287.06 286.92 286.77 286.61 286.44	392.08 391.91 391.73 391.54 391.34
35 36 37 38 39	0.00 0.00 0.00 0.00 0.00	90.96 90.90 90.84 90.79 90.75	186.31 186.19 186.08 185.99 185.92	286.27 286.11 285.97 285.85 285.76	391.14 390.95 390.78 390.62 390.48
40 41 42 43 44	0.00 0.00 0.00 0.00 0.00 0.00	90.72 90.70 90.66 90.59 90.47	185.87 185.79 185.66 185.47 185.20	285.64 285.48 285.25 284.93 284.52	390.30 390.06 389.73 389.29 388.76
45 46 47 48 49	0.00 0.00 0.00 0.00 0.00 0.00	90.31 90.12 89.91 89.69 89.45	184.87 184.50 184.10 183.68 183.23	284.04 283.51 282.94 282.32 281.65	388.16 387.50 386.78 386.00 385.15
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00	89.19 88.91 88.61 88.29 87.94	182.73 182.17 181.56 180.90 180.20	280.91 280.09 279.21 278.27 277.27	384.21 383.21 382.10 380.94 379.71
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00 0.00	87.57 87.18 86.77 86.36 85.85	179.47 178.71 177.90 177.02 176.01	276.22 275.10 273.88 272.54 271.06	378.38 376.94 375.37 373.64 371.70
60	0.00	85.32	174.92	269.42	369.62

26

# TERMINAL RESERVES

### 10 Year Endowment FULL PRELIMINARY TERM

		YEARS		
	,		8	0
Age 20 21 22	6 503.56 503.46 503.35	7 619.05 618.95 618.85	740.09 740.01 739.92	9 866.98 866.92 866.86 866.80
23	503.24	618.74	739.83	866.68
24	503.12	618.62	739.73	
25	503.00	618.50	739.63	
26	502.87	618.37	739.52	866.62
27	502.72	618.22	739.39	866.54
28	502.56	618.07	739.26	866.45
29	502.39	617.91	739.12	866.36
30	502.21	617.74	738.98	866.27
31	502.02	617.56	738.83	866.18
32	501.83	617.37	738.67	866.08
33	501.63	617.17	738.51	865.98
34 ~	501.42	616.97	. 738.35	865.88
35	501.21	616.77	738.18	865.78
36	501.01	616.58	738.01	865.67
37	500.82	616.38	737.82	865.54
38	500.63	616.16	737.61	865.39
39	500.42	615.91	737.37	865.22
40	500.19	615.62	737.08	865.02
41	499.85	615.26	736.73	864.79
42	499.44	614.81	736.33	864.52
43 44 45	498.93 498.33	614.28 613.67	735.86 735.33	864.21 863.86
45	497.65	612.99	734.73	863.47
46	496.91	612.24	734.07	863.04
47	496.11	611.42	733.35	862.58
48	495.23	610.52	732.57	862.08
49	494.26	609.55	731.72	861.56
50	493.20	608.49	7 <u>3</u> 0.80	860.94
51	492.06	607.34	729.80	860.30
52	490.84	606.09	728.71	859.60
53	489.53	604.75	727.52	858.83
54	488.12	603.30	726.23	857.99
55	486.60	601.72	724.82	857.07
56	484.95	600.02	723.28	856.06
57	483.14	598.11	721.58	854.94
58	481.13	596.03	719.70	853.70
59	478.90	593.74	717.63	852.32
60	476.45	591.21	715.35	850.84

### **TERMINAL RESERVES**

4%

#### **20 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

#### Per Attained Amount of Insurance...\$1,000 the first year, increasing by a similar amount yearly.

mercasing by a similar amount yearry.

		YI	EARS	×	
Age	<b>I</b> '	2	3	4	5
20	71.63	139.17	202.26	260.46	313.35
21	73.03	141.94	206.35	265.85	319.99
22	74.50	144.85	210.66	271.52	326.94
23	76.04	147.92	215.23	277.52	334.29
24	77.72	151.25	220.17	284.01	342.25
25	79.57	154.93	225.63	291.20	351.10
24	01.62	150.00	004 54	000.00	
26	81.63	159.02	231.71	299.23	360.98
27	83.95	163.64	238.62	308.34	372.26
28 29	86.55 89.48	168.85 174.69	246.39	318.66	385.02
30	92.73	174.09	255.14 264.92	330.26	399.45
50	94.75	101.22	204.92	343.28	415.70
31	96.36	188.48	275.84	357.86	433.88
32	100.38	196.56	288.01	374.11	454.21
33	104.84	205.54	301.52	392.19	476.89
34	109.77	215.46	316.50	412.27	502.07
35	115.19	226.38	333.00	434.40	529.89
36	121.14	238.39	351.16	458.80	560.62
37	127.66	251.55	371.08	485.62	594.41
38	134.75	265.89	392.84	514.89	631.22
39	142.47	281.52	416.53	546.74	671.06
40	150.86	298.49	442.23	581.11	713.87
41	159.97	316.92	470.02	619 14	750 00
42	169.83	336.79	499.89	618.14 657.95	759.98 809.34
43	180.46	358.16	532.03	700.64	862.43
44	191.88	381.12	566.46	746.48	919.48
45	204.16	405.73	603.45	795.77	980.94
		1000 0	000.15	125.11	200.24
46	217.30	432.15	643.17	848.78	1047.07
47	231.39	460.46	685.80	905.68	1118.09
48	246.46	490.79	731.46	966.66	1194.24
49	262.53	523.13	780.19	1031.77	1275.57
50	279.60	557.49	831.97	1100.98	1362.19
51	297.68	593.89	886.85	1174.46	1454.16
52	316.75	632.32 .	944.87	1252.15	1551.49
53	336.81	672.78	1005.96	1334.01	1654.28
54	357.83	715.18	1070.03	1420.04	1762.30
55	379.76	759.46	1137.06	1510.05	1875.38
56	402.55	805.54	1206.82	1603.77	1993.08
57	426.13	853.21	1279.02	1700.73	2114.96
58	450.40	902.31	1353.35	1800.66	2240.69
59	475.26	952.58	1429.55	1903.19	2369.87
60	500.54	1003.75	1507.17	2007.75	2501.76
				2007.70	

ъ,

# **TERMINAL RESERVES**

#### **20 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		YE	ARS	222	
Ages	6	7	8	9	10
20	360.47	401.25	435.13	461.44	479.52
20	368.24	410.07	444.84	471.93	490.56
22	376.39	419.29	455.03	482.88	502.13
23	384.99	429.05	465.77	494.47	514.32
24	394.34	439.63	477.48	507.08	527.67
25	404.72	451.46	490.56	521.29	542.85
					`
26	416.39	464.75	505.37	537.48	560.17
27	429.72	480.04	522.51	556.27	580.46
28	444.87	497.51	542.13	577.92	604.00
29	462.07	517.36	564.54	602.78	631.09
30	481.44	539.80	589.99	631.06	662.07
31	503.21	565.11	618.70	663.10	697.35
32	527.61	593.50	651.04	699.32	737.25
33 -	554.84	625.28	687.34	740.01	782.02
34	585.17	660.76	727.89	785.39	831.52
35	618.73	700.03	772.71	835.15	885.35
36	655.81	743.36	821.80	889.27	943.72
37	696.52	790.62	875.01	947.79	1006.34
38	740.61	841.52	932.20	1010.23	1073.31
39	788.09	896.24	993.29	1077.10	1145.07
40	839.06	954.66	1058.69	1148.73	1222.13
41	893.70	1017.48	1120.00	1226.04	1205 20
42	952.37	1084.99	1129.08 1204.92	1226.04 1309.41	1305.38 1395.26
43 .	1015.53	1157.85	1286.84	1399.57	1492.56
44	1083.55	1236.35	1375.20	1496.89	1597.67
45	1156.86	1321.04	1470.58	1602.03	1711.62
				1004.00	
46	1235.79	1412.29	1573.43	1715.73	1834.81
47 48	1320.61	1510.39	1684.28	1838.27	1967.82
40	1411.60	1615.89	1803.48	1970.25	2111.59
50	1509.00 1612.72	1728.80 1849.19	1931.25	2112.16	2266.23
50	1012.72	1049.19	2067.84	2263.91	2431.77
51	1722.96	1977.48	2213.45	2425.82	2608.17
52	1839.90	2113.58	2368.05	2597.57	2795.54
53	1963.42	2257.46	2531.34 -	2779.19	2993.78
54	2093.31	2408.64	2703.13	2970.38	3202.86
55	2229.21	2567.01	2883.20	3171.16	3422.70
56	2370.82	2732.14	3071.28	3381.12	3652.94
57	2517.56	2903.54	3266.75	3599.65	3893.15
58	2669.18	3080.86	3469.27	3826.60	4143.09
59	2825.14	3263.52	3678.36	4061.37	4402.50
60	2984.59	3450.65	3892.96	4303.06	4670.62

# **TERMINAL RESERVES**

4%

20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance\_\$1,000 the first year,

increasing by a similar amount yearly.

		YF	ARS		
Age	11	12	13	14	15
20	488.54	478.73	476.10	452.72	416.59
21	499.98	499.25	487.49	463.74	426.79
22	511.88	511.30	499.46	475.22	437.51
23	524.49	524.13	512.14	487.49	449.06
24	538.42	538.29	526.29	501.36	462.19
25	554.26	554.60	542.82	517.70	478.00
26	572.54	573.61	562.21	537.17	497.26
27	594.15	596.23	585.58	561.04	521.12
28	619.31	622.80	613.35	589.56	549.72
29	648.47	653.86	645.93	623.05	582.77
30	682.02	689.65	683.44	661.08	619.68
					1000.00
31	720.27	730.42	725.65	703.25	660.38
32	763.48	775.98	772.24	749.56	704.26
33	811.49	826.07	823.24	799.52	751.75
34	864.09	880.73	878.21	853.52	803.08
35	921.08	939.33	937.27	911.52	858.40
36	982.33	1002.46	1000.92	974.25	918.24
37	1048.20	1070.37	1069.61	1041.96	982.89
38	1118.65	1143.21	1143.27	1114.58	1052.17
39	1194.35	1221.48	1222.48	1192.69	1126.68
40	1275.68	1305.65	1307.69	1276.73	1207.27
41	1363.64	1396.78	1400.06	1368.35	1295.06
42	1458.72	1495.38			1390.71
42	1561.74		1500.46	1467.86	1495.94
44	1673.45	1602.68 1718.99	1609.71 1728.41	1576.47 1695.21	1611.09
45	1794.53	1845.34		1825.02	1737.26
43	1794.55	1045.54	1858.06	1825.02	1757.20
46	1925.69	1982.86	1999.26	1966.67	1874.52
47	2067.87	2132.00	2152.64	2120.14	2023.54
48	2221.64	2293.53	2318.44	2286.38	2184.98
49	2387.24	2467.19	2497.00	2465.43	2359.36
50	2564.23	2653.06	2688.12	2657.53	2546.50
51	2753.10	2851.48	2892.62	2863.22	2747.16
52	2953.80	3062.77	3110.57	3082.75	2961.88
53	3166.58	3287.01	3342.22	3316.70	3190.97
54	3391.24	3524.13	3587.81	3565.07	3435.18
55	3627.82	3774.47	3847.53	3828.79	3695.89
56	3876.23	4037.79	4121 76	4109 64	2072.26
57	4135.84		4121.76	4108.64	3973.36
58	4406.93	4313.98	4410.70	4404.35	4267.86
59	4689.49	4603.66	4714.72	4716.92	4580.65
60	4089.49	4906.55	5034.01	5046.75	4912.70
	4902.39	5221.82	5367.81	5393.46	5263.49

# **TERMINAL RESERVES**

#### 20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

#### Per Attained Amount of Insurance\_\$1,000 the first year, increasing by a similar amount yearly.

		YEARS		
Age	16	17	18	19
20	366,45	301.12	219.31	119.46
21	375.53	308.72	224.86	122.46
22	385.15	316.69	230.73	125.80
23	395.47	325.38	237.38	129.66
24	407.49	335.92	245.73	134.83
25	422.44	349.36	256.77	141.58
26	440.90	366.20	270.23	149.40
27	464.00	386.92	286.48	159.13
28 29	491.20 522.04	410.78 437.67	305.11 325.27	169.54 180.93
29 30	556.25	466.60	347.05	193.13
				1
31	593.10	497.89	370.53	206.41
32 -	632.98 676.12	531.71 568.52	396.10 423.94	220.88 236.65
33 34	722.99	608.52	454.23	<b>2</b> 53.84
35	773.44	651.52	486.68	271.98
			501 70	
36 37	. 828.06 887.08	698.09 748.39	521.78 560.16	292.10 313.85
38	950.24	802.54	601.02	336.77
39	1018.58	860.84	645.07	362.06
40	1092.25	923.81	693.31	389.65
41	1172.84	993.62	747.02	420.98
42	1261.48	1070.51	806.54	455.11
43 '	1359.16	1155.66	871.98	493.00
44 .	1466.33	1248.49	943.53	534.07
45	1583.29	1350.13	1021.73	579.45
46	1710.86	1460.90	1107.47	629.13
47 48	1849.29 1999.82	1581.60 1712.92	1200.81	683.17
49	2162.47	1854.98	1302.58 1413.05	742.58 806.73
50	2337.16	2007.89	1531.59	875.67
51	2524.98	2172.28	1659.70	951.12
52	2726.10	2349.12	1798.59	1032.89
53	2941.63	2539.89	1948.69	1121.80
54	3172.69	2744.85	2110.76	1218.11
55	3420.08	2965.43	2286.05	1323.26
56	3684.63	3202.46	2475.73	1437.39
57 58	3966.68	3456.65	2679.84	1560.83
58 59	4268.12 4589.83	3729.72 4023.44	2900.93	1696.49
60	4932.03	4023.44 4338.60	3141.35 3400.42	1844.81 2005.21
	1202100	1000.00	0700.72	2005.21

32

### **TERMINAL RESERVES**



#### **15 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance-\$1,000 the first year,

increasing by a similar amount yearly.

YEARS								
Age	<b>1</b>	<b>2</b>	<b>3</b>	4	<b>5</b>			
20	52.17	99.31	141.01	176.81	206.21			
21	53.11	101.15	143.68	180.24	210.33			
22	54.10	103.08	146.49	183.87	214.65			
23	55.14	105.11	149.45	187.65	219.17			
24	56.23	107.25	152.55	191.63	223.89			
25	57.39	109.48	155.80	195.78	228.83			
26	58.58	111.82	159.18	200.10	233.96			
27	59.84	114.26	162.71	204.61	239.32			
28	61.17	116.84	166.44	209.40	244.99			
29	62.62	119.65	170.54	214.63	251.24			
30	64.23	122.82	175.14	220.56	258.37			
31	66.07	126.40	180.38	227.36	266.57			
32	68.17	130.54	186.49	235.30	276.22			
33	70.57	135.29	193.49	244.46	287.44			
34	73.30	140.68	201.49	254.99	300.36			
35	76.36	146.77	210.56	266.94	315.09			
36	79.80	153.63	220.77	280.44	331.82			
37	83.64	161.30	232.23	295.66	350.67			
38	87.91	169.84	245.04	312.66	371.70			
39	92.65	179.33	259.26	331.51	394.80			
40	97.86	189.77	274.88	352.04	419.75			
41	103.57	201.20	291.87	374.21	446.66			
42	109.80	213.59	310.17	398.09	475.42			
43	116.51	226.87	329.78	423.51	506.15			
44	123.71	241.15	350.75	450.77	539.15			
45	131.48	256.44	373.28	480.10	574.75			
46	139.84	272.98	397.67	511.93	613.37			
47	148.90	290.89	424.13	546.45	655.29			
48	158.71	310.31	452.83	583.92	700.83			
49	169.32	331.32	483.89	624.50	750.17			
50	180.78	354.05	517.50	668.43	803.77			
51	193.16	378.58	553.81	716.04	861.83			
52	206.48	405.01	593.03	767.44	924.61			
53	220.80	433.49	635.28	822.89	992.59			
54	236.17	464.03	680.64	882.63	1065.82			
55	252.56	496.65	729.23	946.59	1144.29			
56	270.02	531.48	781.10	1014.92	1227.99			
57	288.58	568.49	836.24	1087.48	1317.01			
58	308.21	607.66	894.56	1164.32	1411.32			
59	328.89	648.90	956.05	1245.40	1511.04			
60	350.58	692.24	1020.70	1330.80	1616.18			

# TERMINAL RESERVES

### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

#### Per Attained Amount of Insurance...\$1,000 the first year, increasing by a similar amount yearly.

4 000	6		YEARS 8		10
Age		7		9	
20	228.69	243.63	250.40	248.27	236.47
21 22	233.36 238.27	248.73 254.06	255.74 261.33	253.68 259.31	241.70 247.19
22	243.37	259.60	267.12	265.16	252.80
24	248.72	265.39	273.20	271.25	258.69
25	254.28	271.45	279.49	277.61	264.88
26	260.09	277.70	286.02	284.19	271.21
27	266.11	284.23 291.21	292.87	291.06	277.86
28 29	272.52 279.63	291.21	300.15 308.33	298.43 306.82	285.06 293.31
30	287.77	307.92	317.94	316.76	303.30
00	201.11	007.72	017.04	510.70	000.00
31	297.22	318.46	329.29	328.68	315.56
32 -	308.45	331.04	343.02	343.37	330.81
33	321.55	345.85	359.37	360.92	349.08
34 35	336.72 354.13	363.14	378.51	381.49	370.12
55	334.13	383.02	400.49	404.74	393.49
36	. 373.92	405.56	425.08	430.37	419.11
37	396.17 -	430.62	452.08	458.37	446.57
38	420.74	457.99	481.45	488.38	476.14
39	447.48	487.69	512.92	520.67	507.98
40	476.29	519.35	546.59	- 555.23	542.21
41	507.09	553.33	582.77	592.55	579.17
42	540.14	589.83	621.80	632.81	619.10
43	575.49	629.00	663.67	676.01	661.91
44 45	613.56 654.62	671.19	708.79	722.56	708.01
45	054.02	716.71	757.49	772.80	758.05
46	699.22	766.20	810.47	827.76	812.72
47	747.65	819.96	868.29	887.68	872.50
48 49	800.29	878.65	931.37	953.23	938.43
49 50	857.54 919.70	942.44	.1000.08	1025.10	1010.76
50	919.70	1011.84	1075.26	1103.77	1090.09
51	987.16	1087.53	1157.28	1189.74	1176.46
52	1060.41	1169.71	1246.46	1282.93	1270.28
53	1139.74	1258.84	1342.93	1383.95	1371.98
54 55	1225.27	1354.72	1446.89	1492.81	1481.88
,	1316.75	1457.42	1558.24	1609.67	1599.88
56	1414.47	1567.16	1677.50	1734.91	1726.49
57	1518.43	1684.15	1804.74	1868.70	1862.10
58 59	1628.83	1808.50	1940.17	2011.48	2006.96
59 60	1745.64	1940.27	2084.04	2163.33	2161.65
	1869.00	2079.77	2236.57	2324.97	2327.21

### **TERMINAL RESERVES**

4%

### **15 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance....\$1,000 the first year, increasing by a similar amount yearly.

		YEARS		
Age	II	12	13	14
20	214.13	180.38	134.14	74.38
21	218.98	184.49	137.24	76.18
22	223.98	188.76	140.51	77.99
23	229.14	193.20	143.81	79.81
24	234.59	197.82	147.30	81.83
25	240.25	202.67	151.01	83,91
26	246.06	207.67	154.74	85.97
27	252.22	212.92	158.70	88.27
28	258.87	218.67	163.22	90.95
29	266.67	225.71	168.95	94.60
30	276.44	234.76	176.57	99.36
31	288.59	246.17	185.92	104.89
32	303.84	260.22	197.19	111.79
33	321.76	276.34	210.06	119.11
34	341.98	294.43	223.90	127.08
35	364.29	313.76	238.77	135.55
36	388.16	334.55	254.71	144.75
37	413.88	356.92	272.03	154.75
38	441.57	381.20	290.82	165.63
39	471.57	407.50	311.22	177.44
40	503.80	435.74	333.05	189.91
41	538.64	466.28	356.62	203.71
42	576.29	499.26	382.41	218.64
43	616.58	534.79	409.87	234.36
44	660.26	573.07	439.48	251.73
45	707.48	614.56	472.04	270.76
46	759.28	660.69	508.40	292.43
47	816.48	711.70	548.86	316.11
48	879.65	768.27	593.35	342.39
49	949.11	830.06	642.08	370.93
50	1024.94	897.71	695.32	402.45
51	1107.71	971.49	753.74	436.97
52	1197.55	1051.90	817.34	474.52
53	1295.31	1139.42	886.70	515.81
54	1400.97	1234.12	961.99	560.36
55	1514.48	1336.06	1042.76	608.24
56	1636.62	1445.71	1130.11	660.70
57	1767.49	1563.75	1224.89	717.56
58	1907.90	1691.24	1327.42	779.44
59	2058.70	1828.42	1438.25	846.53
60	2220.50	1976.35	1558.36	919.93

# **TERMINAL RESERVES**

# 4%

### **10 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance\_\$1,000 the first year,

increasing by a similar amount yearly.

	YEARS								
Age 20 21 22 23 24 25	x 33.22 33.76 34.33 34.93 35.57 36.25		<b>2</b> 60.52 61.53 62.59 63.72 64.92 66.18		<b>3</b> 81.43 82.81 84.28 85.86 87.52 89.26		4 95.42 97.09 98.88 100.77 102.78 104.87		5 101.96 103.82 105.77 107.86 110.06 112.35
26 27 28 29 30	36.96 37.70 38.48 39.29 40.14		67.51 68.90 70.35 71.86 73.45		91.09 93.01 94.99 97.08 99.24		107.07 109.36 111.74 111.22 116.80		114.75 117.26 119.83 122.53 125.37
31 32 33 34 35	41.03 41.95 42.93 44.03 45.30		75.08 76.80 78.64 80.69 83.09		101.49 103.85 106.38 109.23 112.60		119.50 122.32 125.35 128.82 132.96		128.28 131.36 134.69 138.54 143.24
36 37 3S 39 40	46.77 48.53 50.57 52.92 55.59		85.92 89.29 93.25 97.85 103.07		116.60 121.45 127.19 133.86 141.43		137.96 144.10 151.41 159.90 169.37		149.03 156.21 164.77 174.52 185.20
41 42 43 44 45	58.59 61.92 65.54 69.46 73.70		108.92 115.32 122.25 129.75 137.76		149.79 158.84 168.62 179.08 109.31		179.67 190.81 202.67 215.44 229.16		196.78 209.07 222.25 236.48 251.83
46 47 48 49 50	78.25 83.19 88.51 94.27 100.50		146.42 155.81 165.94 176.90 188.75		202.47 215.69 229.94 245.35 262.00		244.09 260.29 277.75 296.61 316.99		268.52 286.64 306.14 327.18 350.05
51 52 53 54 55	107.28 114.64 122.67 131.42 140.92		201.65 215.69 231.06 247.78 265.98		280.15 300.00 321.70 345.36 371.27		339.35 363.76 390.51 419.88 452.04		375.09 402.51 432.84 466.11 502.61
56 57 58 59 <b>60</b>	151.25 162.47 174.61 187.69 201.66		285.87 307.45 330.83 355.96 382.88	•	399.56 430.30 463.51 499.28 537.59		487.19 525.24 566.46 610.86 658.54		542.33 585.43 632.11 682.56 736.71

.

# **TERMINAL RESERVES**

### 10 Year Mortuary Additions

4%

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance-\$1,000 the first year,

increasing by a similar amount yearly.

		YEARS		
Age	6	7	8	9
20 21	100.48 102.35	90.28 92.02	70.67 72.06	40.85 41.70
21 22	102.33	92.02 93.84	73.54	42.55
23 24	106.44 108.67	95.80 97.83	75.09 76.74	43.50 44.45
24 25	110.97	99.95	78.40	44.45
26	113.40	102.15	80.15	46.47
27 28	115.90 118.47	104.44 106.81	82.01 83.87	47.55 48.62
29 30	121.20	109.29	85.84	49.82
	124.03	111.88	87.94	51.04
31 32	126.96 130.07	114.59 117.42	90.07 92.33	52.27 53.65
33	133.43	120.54	94.92	55.26
34 35	137.41 142.44	124.39 129.39	98.24 102.70	57.48 60.39
36	148.71	135.69	108.14	63.75
37	156.55	143.42	114.66	67.92
38 39	165.69 175.89	152.20 161.93	122.05 129.88	72.29 76.99
40	187.00	172.20	138.21	81.95
41 42	198.76	183.15	147.08	87.31
43	211.33 224.84	194.88 207.59	156.68 167.10	93.12 99.43
44 45	239.53 255.36	221.41 236.29	178.45 190.60	106.32 113.58
46 47	272.56 291.24	252.46 269.98	203.79 218.28	121.68 130.45
48	311.28	288.91	233.73	139.69 149.94
49 50	333.06 356.63	309.35 331.51	250.42 268.80	161.17
51	382.54	- 356.24	289.40	174.03
52 53	411.22 442.94	383.62 414.05	312.35 337.58	188.06 203.64
54	477.83	447.22	365.19	220.52
55	515.88	483.54	395.33	239.16
56 57	557.40 602.42	523.11 566.20	428.39 464.34	259.58 281.74
58 '	651.39	613.09	503.54	306.12
59 60	704.30 761.12	663.79 718.36	546.06 591.63	332.38 360.56
	101.12	10.00	021.00	000100

# **MEAN RESERVES**

Ordinary Life

FULL PRELIMINARY TER	M
----------------------	---

\_\_\_\_\_

Age	I	YE 2	ARS 3	4	5
20	3.51	9.88	16.46	23.27	30.31
21	3.55	10.18	17.03	24.11	31.43
22	3.59	10.48	17.62	24.98	32.60
23	3.64	10.82	18.24	25.91	33.83
24	3.69	11.16	18.89	26.87	35.11
25	3.74	11.52	19.56	27.87	36.44
26	3.79	11.90	20.27	28.92	37.84
27	3.85	12.29	21.01	30.01	39.30
28	3.91	12.71	21.78	31.15	40.83
29	3.98	13.14	22.60	32.36	42.39
30	4.05	13.60	23.45	33.62	44.11
31	4.13	14.07	24.34	34.94	45.89
32	4.21	14.58	25.29	36.34	47.76
33	4.29	15.12	26.29	37.83	49.75
34	4.37	15.67	27.34	39.40	51.85
35	4.47	16.27	28.46	41.06	54.08
36	4.56	16.91	29.66	42.84	56.46
37	4.66	17.57	30.92	44.71	58.98
38	4.76	18.29	32.26	46.72	61.66
39	4.87	19.05	33.70	48.85	64.47
40	4.98	19.86	35.22	51.10	67.35
41	5.10	20.71	36.79	53.32	70.25
42	5.24	21.58	38.38	55.59	73.15
43	5.41	22.49	39.99	57.85	76.04
44	5.62	23.43	41.60	60.12	78.96
45	5.87	24.39	43.24	62.42	81.92
46	6.17	25.39	44.94	64.81	85.00
47	6.50	26.44	46.70	67.29	88.17
48	6.86	27.54	48.56	69.86	91.44
49	7.24	28.70	50.46	72.50	94.80
50	7.66	29.91	52.44	75.23	98.27
51	8.13	31.17	54.49	78.06	101.86
52	8.63	32.50	56.63	81.00	105.58
53	9.18	33.91	58.87	84.06	109.44
54	9.77	35.38	61.20	87.23	113.44
55	10.42	36.92	63.64	90.54	117.60
56	11.12	38.57	66.20	94.01	121.90
57	11.87	40.29	68.88	97.56	126.27
58	12.69	42.11	71.64	101.18	130.70
59	13.58	44.00	74.45	104.87	135.19
60	14.58	45.99	77.36	108.64	<b>13</b> 9.76
61	15.68	48.06	80.36	112.49	144.40
62	16.89	50.25	83.46	116.44	149.12
63	18.19	52.55	86.66	120.47	153.90
64	19.63	54.96	89.96	124.57	158.75
65	21.19	57.47	93.35	128.77	163.72

4%

\_\_\_\_\_

# **MEAN RESERVES**



### Ordinary Life

FULL PRELIMINARY TERM

	4		ARS		
Age	6	<b>7</b>	<b>8</b>	9	10
20	37.58	45.09	52.86	60.87	69.15
21	38.99	46.81	54.88	63.21	71.81
21 22 23 24	38.99 40.47 42.01 43.62	40.81 48.59 50.46 52.41	54.88 56.98 59.18 61.48	65.65 68.19 70.85	74.59 77.49 80.51
25	45.30	54.45	63.88	73.62	83.67
26	47.06	56.57	66.38	76.52	86.99
27	48.89	58.79	69.01	79.56	90.46
28	50.81	61.12	71.77	82.75	94.11
29	52.83	63.57	74.66	86.12	97.96
30	54.95	66.15	77.71	89.66	102.01
31	57.19	68.87	80.93	93.40	106.29
32	59.56	71.75	84.34	97.36	110.83
33	62.07	74.80	87.96	101.56	115.62
34	64.73	78.03	91.79	106.00	120.66
35	67.54	81.46	95.84	110.67	125.91
36	70.54	85.10	100.11	115.53	131.33
37	73.72	88.92	104.53	120.53	136.86
38	77.05	92.88	109.09	125.65	142.50
39	80.51	96.94	113.72	130.82	148.21
40	84.02	101.05	118.39	136.04	153.97
41	87.54	105.15	123.07	141.28	159.79
42	91.05	109.25	127.74	146.56	165.63
43	94.56	113.37	132.49	151.88	171.52
44	98.11	117.57	137.30	157.28	177.50
45	101.75	121.83	142.18	162.77	183.59
46	105.47	126.21	147.19	168.40	189.83
47	109.32	130.71	152.34	174.19	196.23
48	113.28	135.35	157.65	180.13	202.79
49	117.35	140.12	163.08	186.22	209.53
50	121.55	145.02	168.67	192.49	216.45
51	125.87	150.07	174.44	198.95	223.54
52	130.35	155.30	180.39	205.56	230.76
53	135.00	160.71	186.50	212.32	238.11
54	139.81	166.26	192.73	219.18	245.54
55	144.75	171.93	199.07	226.13	253.06
56	149.81	177.70	205.50	233.17	260.65
57	154.95	183.53	211.99	240.25	268.24
58	160.14	189.42	218.51	247.33	275.82
59	165.37	195.34	225.03	254.40	283.39
60	170.68	201.30	231.58	261.50	291.00
61	176.03	207.30	238.17	268.63	298.63
62	181.43	213.34	244.82	275.83	306.31
63	186.90	219.46	251.54	283.08	314.06
64	192.46	225.68	258.34	290.42	321.89
65	198.14	231.99	265.24	297.85	329.80

COMB. EXP.

÷ . .

**MEAN RESERVES** 

### Ordinary Life

### FULL PRELIMINARY TERM

			ARS		
Age	11	12	<b>13</b>	14	<b>15</b>
20	77.70	86.52	95.64	105.04	114.74
21	80.70	89.87	99.33	109.10	119.19
22	83.82	93.35	103.19	113.34	123.83
23	87.08	96.98	107.22	117.77	128.69
24	90.49	100.79	111.43	122.42	133.78
25	94.05	104.77	115.85	127.30	139.12
- 26	97.79	108.96	120.49	132.41	144.73
27	101.71	113.35	125.36	137.78	150.63
28	105.84	117.96	130.49	143.45	156.84
29	110.18	122.83	135.90	149.42	163.34
30	114.77	127.96	141.60	155.67	170.11
31	119.62	133.38	147.58	162.18	177.12
32	124.74	139.08	153.82	168.91	184.33
33	130.12	145.02	160.27	175.85	191.72
34	135.72	151.15	166.90	182.95	199.27
35	141.51	157.45	173.68	190.19	206.98
36	147.46	163.89	180.60	197.59	214.85
37	153.50	170.43	187.61	205.13	222.85
38	159.65	177.09	194.81	212.77	230.97
39	165.89	183.85	202.07	220.52	239.19
40	172.20	190.68	209.40	228.34	247.49
41	178.55	197.56	216.79	236.23	255.86
42	184.94	204.48	224.23	244.19	264.31
43	191.39	211.48	231.77	252.23	272.84
44	197.94	218.58	239.40	260.39	281.52
45	204.61	225.81	247.18	268.70	290.34
46	211.44	233.21	255.14	277.20	299.33
47	218.43	240.80	263.29	285.86	308.44
48	225.62	248.57	271.60	294.66	317.68
49	232.97	256.49	280.03	303.55	327.00
50	240.50	264.56	288.59	312.56	336.40
51	248.15	272.74	297.25	321.64	345.87
52	255.93	281.03	306.00	330.80	355.37
53	263.82	289.41	314.82	340.00	364.89
54	271.78	297.84	323.67	349.19	374.41
55	279.81	306.31	332.52	358.40	383.92
56	287.88	314.79	341.38	367.60	393.44
57	295.93	323.27	350.23	376.80	402.92
58	303.97	331.72	359.07	385.96	412.37
59	312.00	340.17	367.88	395.10	421.79
60	320.06	348.64	376.71	404.24	431.20
61	328.14	357.12	385.55	413.38	440.62
62	336.27	365.64	394.42	422.56	450.08
63	344.45	374.21	403.33	431.79	459.58
64	352.70	382.85	412.32	441.09	469.12
65	361.05	391.59	421.41	450.46	478.77

4%

COMB. EXP.

# **MEAN RESERVES**



Ordinary Life

			YEARS			
Age	16	17	18	19	20	21
20 21	124.76 129.60	135.12 140.36	145.81 151.49	156.87 162.97	168.27 174.85	180.07 187.13
22 23	134.66 139.96	145.86 151.61	157.42 163.65	169.38 176.10	181.75 188.97	194.52 202.24
24	145.52	157.65	170.19	183.16	196.52	210.24
25 26	151.34 157.47	163.98 170.64	177.05 184.21	190.51	204.35	218.53
27	163.91	177.59	191.66	198.16 206.06	212.45 220.77	227.04 235.76
28 29	170.65 177.66	184.83 192.32	199.36 207.29	214.20 222.54	229.31 238.06	244.69 253.83
30	184.92	200.03	215.42	231.08	247.00	263.17
31 32	192.38 200.04	207.92 216.01	223.74 232.25	230.81	256.15	272.71
33	207.86	224.28	232.25 240.95	248.75 257.86	265.48 274.99	282.43 292.32
34	215.87	232.72	249.82	267.14	284.67	302.38
35 36	224.04 232.36	241.33 250.10	258.85 268.04	276.58 286.17	294.50 304.49	312.59 322.96
37	240.81	258.98	277.34	295.89	314.60	333.46
38 39	249.38 258.06	267.99 277.11	286.79 296.34	305.74 315.71	324.85 335.22	344.09 354.84
40	266.83	286.32	305.98	325.78	345.69	365.66
41 42	275.67 284.58	295.62 305.01	315.73 325.55	335.94 346.16	356.22 366.79	376.52 387.39
43	293.62	314.50	335.46	356.43	377.38	398.28
44	302.78	324.10	345.45	366.77	388.02	409.18
45 46	312.06 321.48	333.80 343.60	355.51 365.66	377.16 387.61	398.70 409.42	420.09 431.02
47	331.01	353.50	375.89	398.12	420.15	441.93
48 49	340.63 350.33	363.48 373.50	386.17 396.46	408.65 419.16	430.88 441.59	452.83 463.70
50	360.09	383.55	406.76	429.67	452.28	474.54
51 52	369.88 379.67	393.61 403.67	417.05 427.34	440.17 450.66	462.94 473.58	485.35 496.11
53 54	389.48 399.28	413.73	437.62	461.11	484.19	506.82
		423.78	447.87	471.53 481.91	494.74 505.24	517.48 528.10
55 56	409.07 418.85	433.80 443.80	458.09 468.27	492.24	515.69	538.62
57 58	428.58 438.28	453.75 463.66	478.40 488.48	502.52 512.74	526.09 536.43	549.10 559.51
58 59	447.93	473.51	498.52	522.93	546.70	569.85
60	457.59	483.37	508.55	533.07	556.94	580.20
61 62	467.25 476.94	493.24 503.10	518.56 528.57	543.20 553.38	567.20 577.59	590.63 601.29
63	486.64	512.99	538.66 548.91	563.69 574.30	588.22 599.28	612.35 623.99
64	496.40 506.30	522.98 533.09	548.91 559.49	574.30	611.01	636.36
65	500.30	555.09	559.49	363.33	011.01	050.50

### **MEAN RESERVES**

20 Payment Life

FULL PRELIMINARY TERM

		YEA	RS		
Age	<b>x</b>	<b>2</b>	<b>3</b>	4	<b>5</b>
20	3.51	16.74	30.52	44.87	59.82
21	3.55	17.10	31.21	45.90	61.20
22	3.59	17.47	31.92	46.96	62.62
23	3.64	17.86	32.66	48.06	64.10
24	3.69	18.26	33.42	49.19	65.61
25	3.74	18.67	34.20	50.36	67.18
26	3.79	19.09	35.00	51.56	68.78
27	3.85	19.53	35.83	52.80	70.44
28	3.91	19.98	36.69	54.07	72.15
29	3.98	20.45	37.58	55.39	73.91
30	4.05	20.94	38.49	56.75	75.73
31	4.13	21.44	39.44	58.16	77.63
32	4.21	21.97	40.43	59.63	79.60
33	4.29	22.51	41.46	61.16	81.65
34	4.37	23.08	42.53	62.75	83.79
35	4.47	23.68	43.65	64.42	86.03
36	4.56	24.30	44.83	66.17	88.38
37	4.66	24.96	46.06	68.01	90.85
38	. 4.76	25.64	47.36	69.94	93.43
39	4.87	26.37	48.73	71.97	96.11
40	4.98	27.14	50.16	74.06	98.83
41	5.10	27.94	51.63	76.17	101.54
42	5.24	28.75	53.09	78.24	104.19
43	5.41	29.58	54.55	80.29	106.80
44	5.62	30.44	56.00	82.30	109.37
45	5.87	31.29	57.43	84.30	111.93
46	6.17	32.18	58.89	86.34	114.54
47	6.50	33.10	60.39	88.42	117.18
48	6.86	34.05	61.94	90.53	119.85
49	7.24	35.04	63.51	92.68	122.54
50	7.66	36.07	65.13	94.85	125.27
51	8.13	37.14	66.79	97.08	128.05
52	8.63	38.25	68.49	99.37	130.88
53	9.18	39.43	70.27	101.71	133.79
54	9.77	40.65	72.10	104.13	136.77
55	10.42	41.94	74.01	106.64	139.85
56	11.12	43.31	76.03	109.26	143.01
57	11.87	44.76	78.12	111.94	146.19
58	12.69	46.28	80.28	114.65	149.39
59	13.58	47.87	82.48	117.39	152.60
60	14.58	49.55	84.76	120.20	155.86

.

\_\_\_\_\_

# **MEAN RESERVES**



### 20 Payment Life

		YE	ARS		
Age	6	7	8	9	10
20	75.38	91.58	108.46	126.05	144.37
21	77.12	93.71	110.98	128.97	147.71
22	78.93	95.90	113.58	131.99	151.17
23	80.79	98.17	116.26	135.10	154.72
24	82.70	100.49	119.02	138.30	158.39
25	84.68	102.89	121.85	141.60	162.17
26	86.70	105.36	124.77	144.99	166.05
27	88.80	107.90	127.79	148.50	170.08
28	90.95	110.52	130.90	152.12	174.23
29	93.18	113.24	134.12	155.87	178.53
30	95.49	116.05	137.46	159.76	183.00
31	97.89	118.97	140.93	163.80	187.64
32	100.38	122.02	144.54	168.01	192.48
33	102.98	125.18	148.30	172.40	197.50
34	105.69	128.48	152.23	176.96	202.70
35	108.52	131.94	156.33	181.70	208.05
.36	111.50	135.56	160.58	186.56	213.50
37	114.61	139.31	164.94	191.51	219.01
38	117.84	143.15	169.38	196.51	224.56
39	121.14	147.05	173.83	201.50	230.10
40	124.45	150.92	178.25	206.46	235.61
41	127.73	154.75	182.63	211.41	241.11
42	130.94	158.50	186.93	216.25	246.50
43	134.10	162.22	191.20	221.07	251.87
44	137.23	165.90	195.43	225.85	257.19
45	140.35	169.58	199.65	230.60	262.48
46	143.51	173.28	203.89	235.37	267.78
47	146.69	177.00	208.13	240.14	273.07
48	149.91	180.74	212.40	244.92	278.37
49	153.14	184.50	216.67	249.70	283.66
50	156.41	188.29	220.97	254.51	288.97
51	159.72	192.12	225.32	259.35	294.26
52	163.08	196.01	229.70	264.19	299.51
53	166.53	199.97	234.12	269.02	304.72
54	170.05	203.96	238.53	273.80	309.83
55	173.63	207.98	242.94	278.55	314.88
56	177.25	212.01	247.32	283.24	319.82
57	180.87	216.01	251.65	287.83	324.63
58	184.49	219.99	255.92	292.32	329.30
59	188.10	223.93	260.10	296.70	333.80
60	191.73	227.85	264.25	300.99	338.22

\_\_\_\_\_

# **MEAN RESERVES**

### 20 Payment Life

### FULL PRELIMINARY TERM

		YE	ARS		
Age	11	12	13	14	15
20	163.45	183.35	204.08	225.70	248.25
21	167.24	187.59	208.79	230.91	253.98
22	171.15	191.97	213.67	236.30	259.91
23	175.17	196.48	218.69	241.86	266.03
24	179.32	201.13	223.87	247.59	272.34
25	183.60	205.93	229.22	253.52	278.87
26	188.00	210.88	234.74	259.63	285.61
27	192.56	216.00	240.45	265.96	292.60
28	197.27	221.29	246.36	272.51	299.81
29	202.15	226.79	252.49	279.30	307.27
30	207.22	232.49	258.84	286.31	314.92
31	212.49	238.40	265.41	293.51	322.74
32	217.97	244.53	272.16	300.88	330.73
33	223.64	250.81	279.05	308.37	338.80
34	229.45	257.23	286.05	315.94	346.96
35	235.39	263.74	293.13	323.60	355.22
36	241.42	270.33	300.28	331.33	363.55
37	247.48	276.94	307.46	339.10	371.93
38	253.57	283.60	314.69	346.92	380.35
39	259.67	290.26	321.93	354.74	388.78
40	265.74	296.89	329.13	362.53	397.17
41	271.79	303.51	336.32	370.31	405.58
42	277.74	310.01	343.40	377.98	413.86
43	283.66	316.50	350.46	385.63	422.14
44	289.52	322.92	357.45	393.21	430.35
45	295.36	329.30	364.40	400.77	438.52
46	301.19	335.68	371.34	408.29	446.63
47	307.01	342.04	378.25	415.74	454.65
48	312.83	348.38	385.11	423.11	462.55
49	318.63	354.66	391.85	430.33	470.27
50	324.40	360.87	398.50	437.43	477.84
51	330.11	366.99	405.02	444.37	485.22
52	335.74	372.99	411.38	451.09	492.34
53	341.30	378.87	417.58	457.62	499.24
54	346.72	384.58	423.56	463.89	505.83
55	352.03	390.12	429.33	469.90	512.14
56	357.19	395.47	434.87	475.65	518.17
57	362.16	400.59	440.15	481.12	523.86
58	366.96	405.52	445.20	486.31	529.25
59	371.58	410.22	449.98	491.18	534.28
, <b>60</b> ;	376.08	414.76	454.55	495.81	539.00

# **MEAN RESERVES**

.

### 20 Payment Life

		YE	ARS		
Age	16	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
20	271.77	296.33	321.97	348.75	376.73
21	278.05	303.18	329.42	356.83	385.50
22	284.55	310.28	337.15	365.22	394.57
23	291.25	317.59	345.11	373.88	403.95
24	298.18	325.16	353.36	382.83	413.61
25	305.35	333.00	361.89	392.07	423.55
26	312.74	341.08	370.66	401.53	433.72
27	320.41	349.43	379.69	411.24	444.11
28	328.29	357.97	388.90	421.12	454.68
29	336.40	366.74	398.32	431.20	465.45
30	344.69	375.66	407.89	441.43	476.39
31	353.14	384.73	417.60	451.82	487.51
32	361.72	393.95	427.47	462.39	498.78
33	370.40	403.26	437.45	473.06	510.21
34	379.18	412.68	447.54	483.86	521.76
35	388.06	422.20	457.73	494.77	533.44
36	397.02	431.81	468.03	505.79	545.23
37	406.02	441.46	478.37	516.87	557.13
38	415.06	451.17	488.78	528.04	569.12
39	424.13	460.90	499.23	539.27	581.20
40	433.16	470.61	509.68	550.53	593.35
41	442.21	480.36	520.18	561.85	605.53
42	451.15	490.01	530.60	573.09	617.73
43	460.10	499.68	541.03	584.36	629.92
44	468.98	509.25	551.35	595.52	642.06
45	477.79	518.74	561.60	606.61	654.15
46	486.52	528.15	571.74	617.62	666.15
47	495.13	537.41	581.75	628.49	678.05
48	503.61	546.52	591.60	639.21	689.81
49	511.88	555.41	601.21	649.70	701.43
50	519.97	564.10	610.62	660.00	712.88
51	527.84	572.55	619.79	670.10	724.16
52	535.42	580.70	628.66	679.92	735.27
53	542.75	588.59	637.28	689.52	746.17
54	549.76	596.14	645.56	698.80	756.86
55	556.47	603.37	653.53	707.79	767.33
56	562.85	610.26	661.15	716.49	777.57
57	568.87	616.78	668.40	724.83	787.57
58	574.56	622.93	675.29	732.88	797.37
59	579.84	628.65	681.75	740.53	806.88
60	584.78	634.00	687.82	747.81	816.16

# **MEAN RESERVES**

### 15 Payment Life

### FULL PRELIMINARY TERM

		YE	ARS		
Age	I	2	- 3		5
20	3.51	21.30	39.87	59.23	79.42
21	3.55	21.75	40.73	60.52	81.16
22	3.59	22.20	41.61	61.85	82.96
23	3.64	22.68	42.53	63.23	84.81
24	3.69	23.16	43.47	64.65	86.73
25	3.74	23.67	44.45	66.11	88.69
26	3.79	24.19	45.45	67.61	90.72
27	3.85	24.73	46.48	69.16	92.81
28	3.91	25.28	47.55	70.76	94.96
29	3.98	25.85	48.65	72.40	97.17
30	4.05	26.45	49.78	74.10	99.46
31	4.13	27.06	50.95	75.85	101.81
32	4.21	27.69	52.16	77.67	104.26
33	4.29	28.35	53.41	79.54	106.79
34	4.37	29.02	54.71	81.49	109.42
35	4.47	29.73	56.07	83.52	112.15
36	4.56	30.47	57.47	85.63	114.99
37	4.66	31.24	58.94	87.83	117.96
38	4.76	32.04	60.48	90.13	121.06
39	4.87	32.88	62.09	92.53	124.25
40	4.98	33.77	63.76	95.00	127.49
41	5.10	34.68	65.48	97.48	130.73
42	5.24	35.62	67.19	99.95	133.93
43	5.41	36.57	68.89	102.38	137.07
44	5.62	37.54	70.59	104.78	140.19
45	5.87	38.51	72.25	107.16	143.29
46	6.17	39.50	73.95	109.56	146.41
47	6.50	40.52	75.67	111.99	149.54
48	6.86	41.57	77.40	114.41	152.66
49	7.24	42.65	79.18	116.87	155.80
50	7.66	43.76	80.96	119.32	158.93
51	8.13	44.89	82.75	121.78	162.06
52	8.63	46.05	84.58	124.26	155.18
53	9.18	47.27	86.44	126.76	168.33
54	9.77	48.51	88.32	129.28	171.50
55	10.42	49.80	90.25	131.84	174.67
56	11.12	51.15	92.25	134.46	177.87
57	11.87	52.56	94.28	137.07	181.00
58	12.69	54.03	96.33	139.64	184.06
59	13.58	55.53	98.37	142.17	187.03
60	14.58	57.10	100.44	144.69	189.95

# **MEAN RESERVES**

# 4%

### 15 Payment Life

YEARS							
Age	6	7	8	9	10		
20	100.49	122.47	145.41	169.34	194.33		
21	102.70	125.17	148.61	173.08	198.62		
22	104.98	127.95	151.92	176.93	203.04		
23	107.33	130.82	155.32	180.90	207.59		
24	109.75	133.77	158.83	184.98	212.28		
25	112.25	136.82	162.45	189.20	217.13		
26	114.82	139.95	166.17	193.54	222.12		
27	117.46	143.18	170.01	198.02	227.27		
28	120.19	146.51	173.98	202.65	232.59		
29	123.00	149.94	178.06	207.41	238.08		
30	125.90	$153.49 \\ 157.15 \\ 160.95 \\ 164.88 \\ 168.96$	182.29	212.35	243.76		
31	128.89		186.64	217.44	249.62		
32	132.00		191.17	222.74	255.72		
33	135.22		195.85	228.21	262.01		
34	138.55		200.72	233.89	268.52		
35	142.03	173.22	205.78	239.76	275.20		
36	145.64	177.63	211.00	245.77	282.01		
37	149.40	182.19	216.34	251.90	288.91		
38	153.29	186.85	221.78	258.10	295.88		
39	157.26	191.58	227.26	264.33	302.89		
40	161.26	196.32	232.74	270.57	309.92		
41	165.23	201.03	238.19	276.80	316.95		
42	169.15	205.68	243.61	283.01	323.98		
43	173.03	210.31	249.00	289.19	330.99		
44	176.87	214.91	254.37	295.35	337.97		
45	180.70	219.48	259.70	301.47	344.92		
46	184.55	224.06	265.04	307.60	351.88		
47	188.39	228.63	270.36	313.71	358.80		
48	192.21	233.17	275.64	319.75	365.67		
49	196.05	237.72	280.93	325.81	372.55		
50	199.87	242.23	286.16	331.82	379.36		
51	203.66	246.72	291.38	337.78	386.09		
52	207.45	251.20	296.55	343.66	392.71		
53	211.26	255.67	301.68	349.45	399.20		
54	215.97	260.09	306.71	355.11	405.53		
55	218.83	264.42	311.60	360.59	411.64		
56	222.56	268.68	316.39	365.92	417.55		
57	226.19	272.79	320.98	371.01	423.20		
58	229.71	276.74	325.36	375.85	428.54		
59	233.09	280.50	329.50	380.39	433.54		
60	236.36	284.10	333.42	384.65	438.24		

# MEAN RESERVES

15 Payment Life

		YE	ARS	3	
Age	11	12	13	14	15
20	220.42	247.67	276.12	305.86	336.94
21	225.28	253.13	282.21	312.61	344.39
22	230.30	258.77	288.51	319.59	352.08
23	235.46	264.58	295.00	326.79	360.03
24	240.79	270.57	301.69	334.22	368.24
25	246.29	276.76	308.61	341.90	376.73
26	251.96	283.15	315.74	349.83	385.50
27	257.82	289.75	323.13	358.04	394.57
28	263.87	296.56	330.75	366.52	403.95
29	270.11	303.60	338.63	375.28	413.61
30	276.58	310.90	346.80	384.33	423.35
31	283.26	318.43	355.18	393.59	433.72
32	290.19	326.21	363.83	403.10	444.11
33	297.32	334.17	372.64	412.78	454.68
34	304.65	342.33	381.63	422.63	465.45
35	312.14	350.64	390.77	432.65	476.39
36	319.74	359.05	400.04	442.81	487.51
37	327.44	367.57	409.42	453.11	498.78
38	335.20	376.17	418.90	463.53	510.21
39	343.02	384.85	428.48	474.06	521.76
40	350.89	393.58	438.13	484.69	533.44
41	358.76	402.33	447.82	495.38	545.23
42	366.64	411.11	457.55	506.16	557.13
43	374.50	419.89	467.32	516.98	569.12
44	382.36	428.68	477.10	527.86	581.20
45	390.19	437.44	486.88	538.76	593.35
46	398.02	446.21	496.69	549.70	605.53
47	405.82	454.97	506.49	560.63	617.73
48	413.57	463.67	516.21	571.49	629.92
49	421.33	472.36	525.93	582.36	642.06
50	428.99	480.93	535.51	593.10	654.15
51	436.53	489.38	544.96	603.72	666.15
52	443.94	497.66	554.25	614.18	678.05
53	451.20	505.78	563.37	624.49	689.81
54	458.26	513.69	572.27	634.60	701.43
55	465.07	521.31	580.88	644.44	712.88
56	471.66	528.69	589.25	654.08	724.16
57	477.94	535.76	597.32	663.47	735.27
58	483.88	542.48	605.05	672.55	746.17
59	489.47	548.83	612.42	681.31	756.86
60	494.73	554.82	619.44	689.75	767.33

# **MEAN RESERVES**

.

4%

### 10 Payment Life

		YEA	ARS		
Age	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
20	3.51	31.23	60.19	90.46	122.07
21	3.55	31.86	61.43	92.33	124.61
22	3.59	32.51	62.70	94.26	127.23
23	3.64	33.17	64.02	96.26	129.94
24	3.69	33.86	65.38	98.32	132.73
25	3.74	34.57	66.79	100.44	135.60
26	3.79	35.31	68.23	102.63	138.57
27	3.85	36.07	69.72	104.88	141.62
28	3.91	36.86	71.26	107.21	144.77
29	3.98	37.66	72.85	109.61	148.02
30	4.05	38.50	74.48	112.08	151.37
31	4.13	39.36	76.17	114.63	154.83
32	4.21	40.25	77.91	117.26	158.40
33	4.29	41.17	79.70	119.96	162.07
34	4.37	42.13	81.57	122.79	165.90
35	4.47	43.11	83.49	125.71	169.85
36	4.56	44.13	85.48	128.71	173.93
37	4.66	45.19	87.54	131.83	178.17
38	4.76	46.28	89.69	135.08	182.56
39	4.87	47.43	91.92	138.45	187.09
40	4.98	48.62	94.23	141.90	191.70
41	5.10	49.85	96.60	145.41	196.35
42	5.24	51.12	98.99	148.93	201.01
43	5.41	52.40	101.38	152.44	205.67
44	5.62	53.70	103.78	155.94	210.32
45	5.87	55.01	106.16	159.44	214.99
46	6.17	56.35	108.57	162.96	219.69
47	6.50	57.71	111.00	166.52	224.41
48	6.86	59.10	113.47	170.09	229.15
49	7.24	60.52	115.94	173.67	233.88
50	7.66	61.95	118.42	177.24	238.60
51	8.13	63.41	120.91	180.80	243.31
52	8.63	64.89	123.41	184.37	248.00
53	9.18	66.40	125.92	187.93	252.68
54	9.77	67.94	128.42	191.47	257.34
55	10.42	69.49	130.95	195.02	261.97
56	11.12	71.10	133.50	198.56	266.55
57	11.87	72.74	136.05	202.04	271.02
58	12.69	74.41	138.58	205.44	275.36
59	13.58	76.10	141.05	208.73	279.53
. 60	14.58	77.81	143.49	211.93	283.56

# MEAN RESERVES



.....

•

### 10 Payment Life

		YE	ARS		
Age	6	7	8	9	10
20	155.12	189.66	225.78	263.54	303.04
21	158.36	193.63	230.50	269.07	309.40
22	161.69	197.71	235.37	274.76	315.96
23	165.13	201.92	240.39	280.63	322.73
24	168.69	206.28	245.59	286.71	329.72
25	172.35	210.77	250.94	292.97	336.94
26	176.13	215.40	256.46	299.43	344.39
27	180.02	220.17	262.16	306.09	352.08
28	184.04	225.09	268.04	312.98	360.03
29	188.18	230.18	274.11	320.10	368.24
30	192.45	235.42	280.38	327.44	376.73
31	196.86	240.84	286.85	335.03	385.50
32	201.42	246.43	293.54	342.88	394.57
33	206.11	252.19	300.44	350.97	403.95
34	211.00	258.20	307.62	359.39	413.61
35	216.04	264.39	315.02	368.04	423.55
36	221.26	270.79	322.64	376.91	433.72
37	226.66	277.39	330.46	385.99	444.11
38	232.23	284.15	338.45	395.25	454.68
39	237.92	291.05	346.58	404.65	465.45
40	243.71	298.03	354.80	414.19	476.39
41	249.53	305.06	363.10	423.85	487.51
42	255.37	312.13	371.48	433.63	498.78
43	261.21	319.24	379.94	443.51	510.21
44	267.08	326.40	388.46	453.49	521.76
45	272.98	333.59	397.03	463.55	533.44
46	278.90	340.82	405.66	473.69	545.23
47	284.86	348.08	414.33	483.90	557.13
48	290.83	355.37	423.05	494.17	569.12
49	296.79	362.66	431.77	504.48	581.20
50	302.75	369.94	440.50	514.83	593.35
51	308.68	377.20	449.24	525.19	605.53
52	314.59	384.45	457.96	535.54	617.73
53	320.49	391.68	466.64	545.85	629.92
54	326.35	398.83	475.24	556.09	642.06
55	332.14	405.89	483.72	566.23	654.15
56	337.83	412.82	492.06	576.24	666.15
57	343.37	419.57	500.23	586.09	678.05
58	348.74	426.14	508.19	595.74	689.81
59	353.92	432.46	515.91	605.18	701.43
60	358.88	438.54	523.37	614.37	712.88

....

COMB. EXP.

# **MEAN RESERVES**



### 20 Year Endowment

YEARS							
Age	I	2	3	4	5		
20	3.51	36.64	71.28	107.48	145.32		
21	3.55	36.67	71.30	107.49	145.32		
22	3.59	36.71	71.32	107.50	145.32		
23	3.64	36.75	71.34	107.51	145.31		
24	3.69	36.79	71.37	107.52	145.30		
25	3.74	36.83	71.40	107.53	145.29		
26	3.79	36.87	71.43	107.54	145.28		
27	3.85	36.92	71.46	107.55	145.27		
28	3.91	36.97	71.49	107.56	145.25		
29	3.98	37.02	71.53	107.58	145.25		
30	4.05	37.08	71.58	107.61	145.27		
31	4.13	37.15	71.64	107.66	145.30		
32	4.21	37.23	71.72	107.73	145.37		
33	4.29	37.32	71.82	107.83	145.47		
34	4.37	37.42	71.94	107.97	145.62		
35	4.47	37.54	72.09	108.16	145.84		
36	4.56	37.68	72.28	108.40	146.13		
37	4.66	37 84	72.51	108.70	146.51		
38	4.76	38.03	72.80	109.08	146.97		
39	4.87	38.26	73.15	109.53	147.50		
40	4.98	38.52	73.54	110.02	148.08		
41	5.10	38.81	73.96	110.54	148.61		
42	5.24	39.12	74.37	111.02	149.10		
43	5.41	39.44	74.78	111.46	149.54		
44	5.62	39.78	75.18	111.88	149.94		
45	5.87	40.13	75.58	112.28	150.32		
46	6.17	40.50	76.00	112.72	150.75		
47	6.50	40.91	76.46	113.22	151.23		
48	6.86	41.37	76.98	113.77	151.77		
49	7.24	41.87	77.55	114.37	152.37		
50	7.66	42.41	78.18	115.03	153.03		
51	8.13	43.00	78.87	115.77	153.77		
52	8.63	43.65	79.63	116.59	154.61		
53	9.18	44.37	80.48	117.51	155.58		
54	9.77	45.16	81.42	118.56	156.70		
55	10.42	46.03	82.47	119.76	157.97		
56	11.12	47.00	83.64	121.10	159.37		
57	11.87	48.06	84.94	122.56	160.89		
58	12.69	49.22	86.35	124.11	162.51		
59	13.58	50.47	87.85	125.77	164.23		
60	14.58	51.81	89.45	127.55	166.07		

# **MEAN RESERVES**

20 Year Endowment

FULL PRELIMINARY TERM

		YE	ARS		
Age	6	7	8	9	. 10
20	184.90	226.29	269.59	314.89	362.30
21	184.88	226.25	269.53	314.81	362.20
22	184.86	226.21	269.47	314.72	362.09
23	184.83	226.16	269.39	314.63	361.97
24	184.80	226.11	269.31	314.52	361.83
25	184.77	226.05	269.22	314.40	361.69
26	184.73	225.98	269.13	314.28	361.54
27	184.69	225.91	269.04	314.16	361.40
28	184.65	225.85	268.95	314.05	361.27
29	184.63	225.81	268.88	313.96	361.16
30	184.63	225.79	268.84	313.90	361.09
31	184.66	225.80	268.84	313.89	361.08
32	184.72	225.85	268.90	313.94	361.14
33	184.83	225.97	269.03	314.08	361.30
34	185.01	226.17	269.25	314.32	361.55
35	185.26	226.47	269.58	314.64	361.86
36	185.60	226.86	269.99	315.03	362.20
37	186.04	227.33	270.46	315.47	362.53
38	186.56	227.86	270.97	315.89	362.84
39	187.13	228.43	271.45	316.28	363.11
40	187.68	228.95	271.88	316.62	363.32
41	188.19	229.40	272.24	316.89	363.45
42	188.65	229.77	272.53	317.08	363.51
43	189.05	230.08	272.76	317.21	363.50
44	189.41	230.36	272.96	317.29	363.45
45	189.75	230.65	273.16	317.35	363.38
46	190.14	230.97	273.38	317.44	363.32
47	190.58	231.33	273.63	317.56	363.28
48	191.07	231.75	273.93	317.73	363.30
49	191.62	232.23	274.29	317.96	363.37
50	192.25	232.79	274.73	318.27	363.51
51	192.97	233.44	275.28	318.68	363.73
52	193.80	234.20	275.96	319.19	364.01
53	194.77	235.15	276.76	319.80	364.36
54	195.89	236.20	277.67	320.49	364.76
55	197.15	237.36	278.68	321.25	365.22
56	198.54	238.63	279.78	322.09	365.74
57	200.03	240.01	280.96	323.00	366.30
58	201.61	241.48	282.21	323.96	366.88
59	203.30	243.04	283.55	324.98	367.50
60	205.11	244.71	284.99	326.08	368.19

\_\_\_\_\_

# **MEAN RESERVES**



### 20 Year Endowment

### FULL PRELIMINARY TERM

\_\_\_\_\_

		YEAR	S		
Age	II	12	130	14	15
20	411.92	463.88	518.31	575.32	635.08
21	411.80	463.74	518.15	575.16	634.91
22	411.67	463.59	517.98	574.98	634.73
23	411.52	463.42	517.80	574.79	634.54
24	411.37	463.25	517.61	574.58	634.33
25	411.20	463.06	517.41	574.37	634.11
26	411.03	462.88	517.20	574.16	633.91
27	410.87	462.70	517.01	573.97	633.73
28	410.72	462.53	516.84	573.80	633.57
29	410.59	462.39	516.70	573.67	633.44
30	410.51	462.31	516.61	573.58	633.32
31	410.50	462.30	516.59	573.52	633.23
32	410.56	462.36	516.61	573.48	633.12
33	410.71	462.46	516.65	573.46	633.02
34	410.92	462.60	516.72	573.42	632.90
35	411.16	462.76	516.77	573.36	632.75
36	411.41	462.89	516.79	573.27	632.57
37	411.63	462.99	516.77	573.14	632.35
38	411.82	463.06	516.72	572.97	632.08
39	411.97	463.08	516.62	572.75	631.74
40	412.06	463.04	516.45	572.46	631.33
41	412.07	462.92	516.18	572.07	630.83
42	412.00	462.70	515.82	571.57	630.23
43	411.86	462.40	515.38	570.98	629.55
44	411.66	462.05	514.87	570.33	628.80
45	411.42	461.67	514.32	569.65	628.00
46	411.20	461.28	513.79	568.95	627.16
47	411.00	460.90	513.22	568.22	626.26
48	410.84	460.54	512.67	567.46	625.31
49	410.72	460.20	512.07	566.65	624.31
50	410.65	459.88	511.50	565.81	623.24
51	410.62	459.58	510.90	564.92	622.10
52	410.62	459.26	510.28	563.96	620.87
53	410.67	458.98	509.64	562.95	619.55
54	410.75	458.68	508.95	561.87	618.12
55	410.85	458.37	508.21	560.71	616.59
56	410.97	458.06	507.43	559.49	614.96
57	411.10	457.73	506.61	558.20	613.23
58	411.25	457.37	505.75	556.84	611.38
59	411.43	457.04	504.85	555.42	609.44
60	411.66	456.75	503.99	553.96	607.44

# **MEAN RESERVES**

4%

### 20 Year Endowment

		· • • • • • • • • • • • • • • • • • • •	EARS		
Age	16	17	18	19 -	20
20	697.73	763.45	832.40	904.77	980.77
21	697.57	763.30	832.28	904.70	980.77
22	697.39	763.14	832.15	904.62	980.77
23	697.21	762.97	832.02	904.54	980.77
24	697.01	762.80	831.89	904.47	980.77
25	696.80	762.63	831.76	904.40	980.77
26	696.61	762.46	831.62	904.31	980.77
27	696.46	762.32	831.50	904.24	980.77
28	696.29	762.16	831.36	904.15	980.77
29	696.14	762.02	831.23	904.06	980.77
30	696.01	761.87	831.08	903.95	980.77
31	695.87	761.70	830.92	903.83	980.77
32	695.72	761.51	830.74	903.70	980.77
33	695.55	761.30	830.54	903.57	980.77
34	695.36	761.08	830.33	903.43	980.77
35	695.15	760.84	830.10	903.27	980.77
36	694.91	760.55	829.83	903.08	980.77
37	694.62	760.22	829.52	902.87	980.77
38	694.27	759.83	829.17	902.64	980.77
39	693.86	759.39	828.77	902.38	980.77
40	693.38	758.89	828.33	902.10	980.77
41	692.81	758.32	827.83	901.78	980.77
42	692.15	757.67	827.25	901.42	980.77
43	691.41	756.93	826.60	901.00	980.77
44	690.60	756.12	825.90	900.54	980.77
45	689.72	755.25	825.14	900.05	980.77
46	688.79	754.31	824.30	899.51	980.77
47	687.79	753.28	823.39	898.90	980.77
48	686.72	752.18	822.41	898.25	980.77
49	685.57	750.99	821.34	894.54	980.77
50	684.34	749.71	820.19	896.78	980.77
51	683.01	748.32	818.96	895.95	980.77
52	681.56	746.80	817.56	895.04	980.77
53	680.01	745.16	816.07	894.05	980.77
54	678.33	743.39	814.46	892.97	980.77
55	676.51	741.48	812.70	891.78	980.77
56	674.57	739.42	810.80	890.48	980.77
57	672.51	737.21	808.76	889.08	980.77
58	670.31	734.83	806.56	887.57	980.77
59	667.98	732.30	804.22	885.94	980.77
60	665.53	729.65	801.66	884.18	980.77

# **MEAN RESERVES**

# 4%

### 15 Year Endowment

### FULL PRELIMINARY TERM

YEARS					
Age	I	2	3	4	5
20 21 22 23 24	3.51 3.55 3.59 3.64 3.69	54.43 54.45 54.47 54.49 54.52	107.70 107.70 107.70 107.70 107.70 107.70	163.43 163.41 163.39 163.37 163.34	221.74 221.71 221.67 221.62 221.57
25	3.74	54.55	*107.70	163.31	221.51
26	3.79	54.58	107.70	163.28	221.45
27.	3.85	54.61	107.70	163.25	221.38
28	3.91	54.64	107.70	163.21	221.31
29	3.98	54.67	107.69	163.17	221.23
30	4.05	54.70	107.68	163.12	221.14
31	4.13	54.74	107.67	163.07	221.05
32	4.21	54.78	107.67	163.03	220.97
33	4.29	54.82	107.68	163.00	220.91
34	4.37	54.87	107.70	162.99	220.87
35	4.47	54.94	107.74	163.00	220.86
36	4.56	55.02	107.80	163.05	220.90
37	4.66	55.11	107.89	163.14	221.00
38	4.76	55.22	108.02	163.29	221.16
39	4.87	55.36	108.19	163.49	221.35
40	4.98	55.53	108.40	163.73	221.58
41	5.10	55.73	108.63	163.95	221.75
42	5.24	55.93	108.85	164.13	221.85
43	5.41	56.13	109.05	164.26	221.87
44	5.62	56.34	109.22	164.33	221.83
45	5.87	56.56	109.35	164.36	221.75
46	6.17	56.80	109.50	164.40	221.66
47	6.50	57.06	109.67	164.45	221.57
48	6.86	57.35	109.85	164.51	221.48
49	7.24	57.66	110.05	164.57	221.38
50	7.66	57.99	110.27	164.64	221.27
51	8.13	58.37	110.52	164.73	221.18
52	8.63	58.78	110.80	164.85	221.11
53	9.18	59.24	111.12	165.01	221.08
54	9.77	59.75	111.49	165.22	221.10
55	10.42	60.31	111.92	165.51	221.18
56	11.12	60.93	112.43	165.87	221.31
57	11.87	61.62	113.02	166.27	221.42
58	12.69	62.39	113.67	166.69	221.54
59	13.58	63.24	114.36	167.13	221.66
60	14.58	64.17	115.10	167.60	221.80

#### COMB. EXP.

# MEAN RESERVES

# 15 Year Endowment

FULL PRELIMINARY TERM

		YE	ARS		
Age	6	7	<b>8</b>	9	<b>10</b>
20	282.78	346.68	413.60	483.66	557.09
21	282.73	346.61	413.50	483.56	556.95
22	282.67	346.52	413.39	483.44	556.83
23	282.60	346.43	413.28	483.31	556.69
24	282.52	346.33	413.16	483.17	556.54
25	282.43	346.22	413.03	483.02	556.38
26	282.34	346.10	412.88	482.86	556.21
27	282.24	345.97	412.73	482.69	556.03
28	282.13	345.83	412.57	482.51	555.84
29	282.01	345.68	412.39	482.31	555.64
30	281.89	345.53	412.21	482.11	555.43
31	281.77	345.37	412.03	481.91	555.23
32	281.66	345.23	411.87	481.73	555.05
33	281.57	345.11	411.73	481.59	554.90
34	281.50	345.03	411.63	481.49	554.79
35	281.47	345.00	411.60	481.43	554.70
36	281.50	345.03	411.62	481.41	554.61
37	281.59	345.11	411.64	481.36	554.49
38	281.73	345.22	411.67	481.29	554.34
39	281.92	345.31	411.65	481.17	554.14
40	282.08	345.37	411.60	481.02	553.87
41	282.16	345.32	411.48	480.77	553.52
42	282.15	345.19	411.24	480.41	553.08
43	282.05	344.98	410.89	479.96	552.55
44	281.88	344.69	410.46	479.43	551.93
45	281.67	344.34	409.97	478.83	551.23
46	281.48	344.00	409.47	478.17	550.46
47	281.20	343.54	408.87	477.45	549.62
48	280.94	343.11	408.26	476.68	548.73
49	280.66	342.65	407.61	475.87	547.79
50	280.37	342.17	406.93	475.03	546.80
51	280.07	341.68	406.23	474.15	545.75
52	279.79	341.19	405.53	473.23	544.64
53	279.55	340.71	404.81	472.25	543.46
54	279.35	340.24	404.06	471.21	542.19
55	279.17	339.76	403.26	470.10	540.82
56	279.01	339.26	402.41	468.91	539.33
57	278.82	338.72	401.49	467.62	537.69
58	278.60	338.12	400.47	466.19	535.87
59	278.35	337.43	399.33	464.60	533.88
60	278.07	336.68	398.07	462.87	531.74

#### COMB. EXP.

## **MEAN RESERVES**



## 15 Year Endowment FULL PRELIMINARY TERM

<b></b>		YE	ARS		
Age	11	12	13	14	15
20	633.98	714.59	799.13	887.77	980.77
21	633.86	714.49	799.04	887.73	980.77
22	633.73	714.37	798.94	887.67	980.77
23	633.60	714.25	798.84	887.61	980.77
24	633.45	714.11	798.73	887.54	980.77
25	633.29	713.96	798.61	887.46	980.77
26	633.12	713.81	798.49	887.38	980.77
27	632.94	713.64	798.36	887.30	980.77
28	632.75	713.47	798.22	887.22	980.77
29	632.55	713.29	798.07	887.14	980.77
30	632.35	713.11	797.93	887.06	980.77
31	632.16	712.94	797.79	886.97	980.77
32	631.99	712.78	797.66	886.88	980.77
33	631.84	712.63	797.53	886.79	980.77
34	631.70	712.48	797.39	886.69	980.77
35	631.58	712.32	797.22	886.58	980.77
36	631.43	712.14	797.02	886.44	980.77
37	631.25	711.92	796.80	886.28	980.77
38	631.03	711.66	796.56	886.11	980.77
39	630.76	711.34	796.28	885.92	980.77
40	630.42	710.97	795.95	885.70	980.77
41	630.01	710.54	795.56	885.45	980.77
42	629.51	710.04	795.10	885.16	980.77
43	628.92	709.45	794.58	884.83	980.77
44	628.24	708.78	794.00	884.46	980.77
45	627.48	708.03	793.37	884.06	980.77
46	626.67	707.22	792.68	883.62	980.77
47	625.77	706.35	791.94	883.15	980.77
48	624.82	705.42	791.14	882.64	980.77
49	623.81	704.42	790.27	882.08	980.77
50	622.73	703.33	789.32	881.46	980.77
51	621.57	702.16	788.28	880.78	980.77
52	620.33	700.90	787.16	880.05	980.77
53	618.99	699.54	785.94	879.26	980.77
54	617.55	698.06	784.61	878.39	980.77
55	615,99	696.44	783.17	877.43	980.77
56	614,28	694.66	781.61	876.38	980.77
57	612,40	692.70	779.83	875.23	980.77
58	610,32	690.56	777.91	873.96	980.77
59	608,06	688.23	775.82	872.57	980.77
60	605.64	685.73	773.57	871.06	980.77

## MEAN RESERVES

#### 10 Year Endowment

FULL PRELIMINARY TERM

		YE	ARS		
Age	I	2	3 ·	4	5.
20	3.51	93.12	186.93	285.14	388.00
21	3.55	93.13	186.91	285.10	387.94
22	3.59	93.14	186.89	285.06	387.88
23	3.64	93.15	186.87	285.02	387.82
24	3.69	93.16	186.85	284.97	387.75
25	3.74	93.17	186.83	284.92	387.68
26	3.79	93.18	186.81	284.87	387.60
27	3.85	93.20	186.79	284.81	387.50
28	3.91	93.22	186.76	284.74	387.40
29	3.98	93.24	186.73	284.67	387.30
30	4.05	93.26	186.70	284.59	387.20
31	4.13	93.28	186.67	284.51	387.09
32	4.21	93.30	186.63	284.42	386.97
33	4.29	93.32	186.59	284.33	386.84
34	4.37	93.34	186.55	284.24	386.71
35 36 37 38 39	4.47 4.56 4.66 4.76 4.87	93.36 93.39 93.42 93.47 93.54	186.51 186.48 186.46 186.46 186.46 186.49	284.15 284.07 284.01 283.98 283.99	386.58 386.47 386.38 386.31 386.27
40	4.98	93.63	186.55	284.02	386.21
41	5.10	93.73	186.62	284.02	386.12
42	5.24	93.84	186.66	283.98	385.98
43	5.41	93.95	186.68	283.89	385.76
44	5.62	94.06	186.66	283.73	385.47
45	5.87	94.17	186.61	283.52	385.12
46	6.17	94.29	186.55	283.28	384.74
47	6.50	94.42	186.48	283.02	384.33
48	6.86	94.57	186.41	282.74	383.88
49	7.24	94.73	186.34	282.43	383.39
50	7.66	94.90	186.25	282.09	382.85
51	8.13	95.08	186.15	281.73	382.26
52	8.63	95.28	186.05	281.35	381.62
53	9.18	95.50	185.95	280.94	380.95
54	9.77	95.75	185.85	280.51	380.26
55	10.42	96.03	185.77	280.09	379.54
56	11.12	96.35	185.71	279.67	378.77
57	11.87	96.71	185.67	279.22	377.93
58	12.69	97.11	185.62	278.72	377.01
59	13.58	97.55	185.55	278.15	375.99
60	14.58	98.03	185:48	277.52	374.87

#### COMB. EXP.

## **MEAN RESERVES**



#### **10 Year Endowment**

		YE	ARS		
Age	6	7	8 -	9	10
20	495.73	608.59	726.86	850.82	· 980.77
21	495.66	608.52	726.79	850.78	980.77
22	495.59	608.45	726.72	850.74	980.77
23	495.51	608.37	726.65	850.69	980.77
24	495.43	608.28	726.57	850.64	980.77
25	495.34	608.19	726.49	850.59	980.77
26	495.25	608.09	726.41	850.54	980.77
27	495.14	607.97	726.31	850.48	980.77
28	495.02	607.85	726.21	850.41	980.77
29	494.90	607.73	726.10	850.34	980.77
30	494.77	607.60	725.99	850.26	980.77
31	494.64	607.46	725.87	850.18	980.77
32	494.50	607.32	725.74	850.10	980.77
33	494.35	607.17	725.61	850.02	980.77
34	494.20	607.02	725.48	849.94	980.77
35	494.05	606.87	725.36	849.86	980.77
36	493.92	606.73	725.23	849.78	980.77
37	493.81	606.60	725.10	849.69	980.77
38	493.71	606.48	724.96	849.59	980.77
39	493.63	606.34	724.80	849.47	980.77
40	493.51	606.17	724.61	849.32	980.77
41	493.34	605.95	724.37	849.14	980.77
42	493.09	605.65	724.08	848.93	980.77
43	492.76	605.27	723.73	848.69	980.77
44	492.37	604.83	723.33	848.42	980.77
45	491.92	604.34	722.88	848.12	980.77
46	491.43	603.81	722.39	847.79	980.77
47	490.91	603.23	721.85	847.43	980.77
48	490.34	602.59	721.26	847.04	980.77
49	489.70	601.89	720.62	846.62	980.77
50	489.00	601.14	719.92	846.16	980.77
51	488.24	600.32	719.17	845.66	980.77
52	487.43	599.44	718.36	845.12	980.77
53	486.58	598.50	717.49	844.53	980.77
54	485.69	597.50	716.55	843.88	980.77
55	484.74	596.42	715.53	843.17	980.77
56	483.71	595.24	714.41	842.40	980.77
57	482.58	593.94	713.17	841.55	980.77
58	481.32	592.50	711.80	840.61	980.77
59	479.92	590.92	710.29	839.58	980.77
60	478.39	589.19	708.63	838.45	980.77

## **MEAN RESERVES**

### 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS		
Age	r	2	3	4	5
20	73.51	71.55	69.47	67.26	64.92
21	74.91	72.94	70.85	68.63	66.26
22	76.38	74.41	72.30	70.06	67.67
23	77.94	75.95	73.83	71.57	69.16
24	79.62	77.63	75.49	73.21	70.78
25	81.48	79.47	77.32	75.03	72.57
26	83.54	81.53	79.36	77.05	74:57
27	85.86	83.84	81.67	79.34	76.84
28	88.46	86.45	84.27	81.93	79.41
29	91.38	89.36	87.19	84.84	82:37
30	94.62	92.62	90.44	88.09	85.55
31.	98.23	96.24	94.07	91.73	89.18
32 -	102.23	100.26	98.11	95.78	93.24
33'	106.66	104.72	102.59	100.28	97.76
34 -	111.56	109.65	107.55	105.26	102.77
35	116.92	115.06	113.01	110.76	108.29
36	122.82	121.01	119.01	116.81	114.39
37	129:27	127.52	125.58	123.45	121.09
38	136.28	134.62	132.76	130.69	128.39
39	143.91	142.34	140.57	138.58	136.31
40	152.19	150.72	149.04	147.11	144.85
41	161.18	159.82	158.22	156.32	154:05
42	170.91	169.66	168.11	166.23	163:93
43	181.43	180.26	178.76	176.88	174:55
44	192.74	191.65	190.20	188.32	185:96
45	204.90	203.89	202.47	200.61	198:24
46	217.95	217.01	215.65	213.82	211.44
47	231.93	231.08	229.79	228.00	225.62
48	246.88	246.14	244.93	243.18	240.82
49	262.82	262.20	261.07	259.39	257.05
50	279.74	279.25	278.22	276.61	274.31
51	297.66	297.30	296.40	294.87	292.63
52	316.55	316.36	315.59	314.17	312.00
53	336.42	336.41	335.80	334.50	332.43
54	357.22	357.41	356.97	355.84	353.89
55	378.92	379.33	379.10	378.15	376.35
56	401.45	402.11	402.12	401.37	399.72
57	424.74	425.68	425.93	425.39	423.90
58	448.71	449.93	450.45	450.13	448.84
59	473.25	474.77	475.56	475.50	474.43
60	498.19	500.04	501.13	501.35	500.54

60

## MEAN RESERVES



## 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS		
Age	6	7	8	:9	10.
20	62.43	59.79	56.99	54.00	50.82
21	63.75	61.08	58.23	55.20	51.96
22	65.13	62.43	59.54	56.45	53.16
23	66.59	63.85	60.92	57.78	54.43
24	68.18	65.39	62.42	59.23	55.81
25	69.93	67.11	64.09	60.85	57.38
26	71.90	69.04	65.97	62.68	59.16
27	74.15	71.25	68.15	64.81	61.23
28	76.69	73.77	70.63	67.25	63.61
29	79.57	76.62	73.45	70.03	66.36
30	82.81	79.84	76.64	73.20	69.48
31	86.43	83.46	80.25	76.77	73.03
32	90.49	87.51	84.29	80.80	77.03
33	95.02	92.04	88.82	85.32	81.53
34	100.05	97.09	93.87	90.37	86.51
35	105.61	102.67	99.46	95.92	91.96
36	111.74	108.83	105.60	101.98	97.87
37	118.48	115.57	112.28	108.54	104.25
38	125.80	122.85	119.47	115.57	111.07
39	133.71	130.69	127.18	123.10	118.38
40	142.20	139.09	135.43	131.16	126.22
41	151.34	148.11	144.31	139.86	134.69
42	161.14	157.81	153.87	149.24	143.83
43	171.70	168.27	164.19	159.38	153.73
44	183.05	179.54	175.32	170.32	164.41
45	195.29	191.68	187.33	182.13	175.97
46	208.46	204.76	200.27	194.88	188.46
47	222.60	218.82	214.20	208.61	201.93
48	237.76	233.91	229.17	223.39	216.46
49	253.97	250.07	245.20	239.25	232.08
50	271.23	267.27	262.31	256.20	248.78
51	289.56	285.58	280.54	274.27	266.58
52	308.98	304.99	299.88	293.44	285.47
53	329.48	325.49	320.30	313.70	305.45
54	351.02	347.04	341.77	335.01	326.49
55	373.56	369.59	364.27	357.36	348.60
56	397.02	393.09	387.74	380.71	371.72
57	421.32	417.46	412.10	404.99	395.81
58	446.41	442.65	437.32	430.16	420.84
59	472.19	468.56	463.32	456.16	446.76
60	498.52	495.08	489.97	482.88	473.48

## **MEAN RESERVES**

## 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS		
Age	11	12	. 13	14	15
20	47.43	43.82	39.97	35.86	31.49
21	48.51	44.83	40.91	36.71	32.24
22	49.65	45.89	41.89	37.61	33.03
23	50.85	47.02	42.93	38.55	33.88
24	52.16	48.26	44.08	39.61	34.84
25	53.66	49.68	45.42	40.85	35.97
26	55.37	51.32	46.97	42.32	37.33
27	57.38	53.26	48.83	44.09	39.00
28	59.71	55.52	51.02	46.19	40.99
29	62.40	58.15	53.58	48.65	43.30
30	65.48	61.17	56.52	51.47	45.91
31	68.99	64.62	59.85	54.61	48.79
32 ~-	72.95	68.48	63.55	58.07	51.93
33	77.36	72.75	67.61	61.83	55.32
34	82.22	77.42	. 72.01	65.89	59.00
35	87.50	82.46	76.74	70.27	62.95
36	93.21	87.89	81.84	74.99	67.23
37	99.34	93.73	87.34	80.09	71.86
38	105.90	99.99	93.24	85.56	76.82
39	112.94	106.72	99.59	91.45	82.16
40	120.51	113.95	106.42	97.78	87.92
41	128.70	121.78	<ul> <li>113.82</li> <li>121.84</li> <li>130.57</li> <li>140.04</li> <li>150.35</li> </ul>	104.67	94.19
42	137.54	130.25		112.15	101.02
43	147.12	139.45		120.30	108.49
44	157.49	149.42		129.18	116.66
45	168.72	160.23		138.88	125.60
46	180.87	171.97	161.57	149.45	135.33
47	194.01	184.68	173.74	169.90	145.87
48	208.21	198.44	186.90	173.29	157.29
49	223.48	213.23	201.05	186.63	169.60
50	239.81	229.05	216.19	200.91	182.80
51	257.22	245.93	232.37	216.20	196.93
52	275.71	263.87	249.60	232.49	212.03
53	295.29	282.90	267.89	249.82	228.12
54	315.94	303.00	287.25	268.20	245.23
55	337.66	324.18	307.70	287.66	263.43
56	360.43	346.43	329.23	308.24	282.75
57	384.20	369.72	351.85	329.94	303.19
58	408.96	394.07	375.59	352.81	324.82
59	434.69	419.47	400.45	376.86	347.69
60	461.31	445.84	426.36	402.04	371.7 <b>6</b>

COMB. EXP.

# **MEAN RESERVES**



## 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS		
Age	16	17	18	19 .	20
20	26.83	21.85	16.55	10.90	4.87
21	27.47	22.38	16.96	11.16	4.98
22	28.15	22.94	17.38	11.44	5.10
23	28.89	23.55	17.85	11.76	5.24
24	29.73	24.26	18.42	12.16	5.41
25	30.74	25.16	19.15	12.68	5.62
26	31.99	26.26	20.05	13.29	5.87
27	33.53	27.61	21.14	14.04	6.17
28	35.35	29.19	22.40	14.87	6.50
29	37.44	30.97	23.78	15.78	6.86
30	39.76	32.92	25.28	16.76	7.24
31	42.30	35.03	26.90	17.82	7.66
32	45.04	37.32	28.66	18.98	8.12
33	48.01	39.80	30.58	20.24	8.63
34	51.23	42.50	32.67	21.62	9.18
35	54.70	45.40	34.91	23.09	9.77
36	58.46	48.55	37.34	24.69	10.42
37	62.53	51.95	39.98	26.44	11.12
38	66.88	55.61	42.82	28.31	11.86
39	71.58	59.55	45.87	30.33	12.69
40	76.66	63.81	49.18	32.54	13.58
41	82.20	68.50	52.86	35.01	14.58
42	88.26	73.65	56.92	37.73	15.68
43	94.92	79.33	61.39	40.72	16.88
44	102.22	85.54	66.27	43.98	18.19
45	110.19	92.33	71.60	47.55	19.63
46	118.87	99.72	77.42	51.45	21.19
47	128.29	107.75	83.75	55.70	22.89
48	138.50	116.47	90.63	60.33	24.75
49	149.53	125.90	98.09	65.34	26.75
50	161.36	136.03	106.09	70.71	28.89
51	174.06	146.91	114.71	76.54	31.22
52	187.64	158.58	124.00	82.84	33.73
53	202.15	171.10	134.02	89.65	36.44
54	217.64	184.54	144.79	96.99	39.37
55	234.19	198.93	156.38	104.93	42.53
56	251.82	214.34	168.85	113.51	45.94
57	270.56	230.78	182.22	122.74	49.60
58	290.49	248.38	196.60	132.75	53.59
59	311.68	267.19	212.11	143:62	57.90
60	334.11	287.25	228.75	155.30	62.53

## MEAN RESERVES

### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE.	ARS		
Age	I	2	3	4	5
20	54.48	52.07	49.52	46.83	43.98
21	55.44	53.01	50.44	47.71	44.84
22	56.46	54.00	51.40	48.65	45.73
23	57.52	55.04	52.41	49.63	46.67
24	58.63	56.13	53.47	50.65	47.66
25	59.80	57.28	54.58	51.73	48.68
26	61.03	58.47	55.74	52.84	49.75
27	62.31	59.72	56.96	54.01	50.87
28	63.67	61.04	58.24	55.25	52.05
29	65.14	62.49	59.64	56.61	53.35
30	66.79	64.10	61.22	58.13	54.83
31	68.65	65.93	63.00	59.87	56.52
32	70.77	68.02	65.07	61.90	58.49
33	73.20	70.42	67.43	64.22	60.77
34	75.94	73.14	70.12	66.88	63.39
35	79.02	76.20	73.17	69.90	66.37
36	82.46	79.64	76.59	73.29 ,	69.74
37	- 86.30	83.48	80.41	77.11	73.53
38	90.57	87.75	- 84.68	81.37	77.76
39	95.29	92.48	89.42	86.09	82.42
40	100.47	97.68	94.62	91.25	87.49
41	106.15	103.38	100.30	96.85	92.96
42	112.35	109.58	106.44	102.90	98.84
43	119.04	116.24	113.04	109.36	105.12
44	126.26	123.42	120.12	116.29	111.87
45	134.05	131.14	127.72	123.75	119.15
46	142.46	139.48	135.96	131.84	127.04
47	151.57	148.51	144.87	140.60	135.69
48	161.42	158.29	154.55	150.11	144.89
49	172.08	168.87	165.01	160.40	154.95
50	183.59	180.31	176.32	171.54	165.86
51	196.00	192.65	188.54	183.59	177.67
52	209.36	205.93	201.71	196.59	190.43
53	223.71	220.23	215.90	210.60	204.21
54	239.09	235.56	231.11	225.66	219.05
55	255.49	251.91	247.38	241.78	234.93
56	272.94	269.34	264.74	258.99	251.88
57	291.47	287.86	283.18	277.26	269.88
58	311.05	307.45	302.69	296.60	288.95
59	331.68	328.07	323.24	316.99	309.09
60	353.31	349.72	344.83	338.44	330.30

64

## MEAN RESERVES



### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YEA	ARS		
Age	6	7	8	· 9	10
20	40.98	37.79	34.43	30.86	27.08
21	41.79	38.56	35.14	31.51	27.66
22	42.64	39.37	35.89	32.19	28.27
23	43.54	40.20	36.66	32.90	28.89
24	44.47	41.08	37.48	33.64	29.55
25	45.45	42.00	38.32	34.41	30.24
26	46.46	42.95	39.20	35.20	30.94
27	47.52	43.94	40.12	36.04	31.69
28	48.64	44.99	41.10	36.93	32.48
29	49.88	46.16	42.18	37.93	33.39
30	51.29	47.50	43.45	39.11	34.47
31	52.92	49.06	44.94	40.51	35.77
32	54.84	50.92	46.72	42.21	37.38
33	57.07	53.09	48.82	44.24	39.29
34	59.64	55.60	51.27	46.59	41.51
35	62.57	58.49	54.07	49.27	44.00
36	65.91	61.76	57.24	52.25	46.73
37	69.65	65.41	60.73	55.52	49.70
38	73.81	69.43	64.54	59.06	52.89
39	78.35	73.79	68.66	62.86	56.33
40	83.26	78.48	73.06	66.94	60.03
41	88.54	83.51	77.80	71.34	64.02
42	94.21	88.92	82.91	76.08	68.34
43	100.27	94.72	88.39	81.18	72.98
44	106.79	100.97	94.30	86.68	77.97
45	113.83	107.71	100.68	92.61	83.37
46	121.47	115.04	107.61	99.07	89.28
47	129.77	122.99	115.16	106.12	95.72
48	138.77	131.65	123.39	113.82	102.79
49	148.55	141.06	132.34	122.22	110.54
50	159.16	151.28	142.09	131.41	119.01
51	170.65	162.40	152.73	141.44	128.25
52	183.10	174.45	164.28	152.31	138.27
53	196.58	187.51	176.77	164.08	149.13
54	211.09	201.57	190.23	176.76	160.84
55	226.62	216.61	204.63	190.35	173.40
56	243.20	232.68	220.03	204.90	186.86
57	260.82	249.78	236.45	220.43	201.26
58	279.51	267.95	253.91	236.98	216.62
59	299.26	287.17	272.42	254.55	232.97
60	320.10	307.49	292.02	273.20	250.41

## **MEAN RESERVES**

### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		Ϋ́E	ARŚ		
Age	II	12	İ3	14	15
20	23.06	18.81	14.28	9.48	4.37
21	23.57	19.22	14.60	9.69	4.47
22	24.09	19.65	14.93	9.90	4.56
23	24.63	20.09	15.27	10.13	4.66
24	25.20	20.56	15.62	10.36	4.76
25	25.79	21.05	16.00	10.61	4.87
26	26.40	21.55	16.38	10.86	4.98
27	27.04	22.08	16.78	11.13	5.10
28	27.73	22.65	17.23	11.44	5.24
29	28:53	23.34	17.78	11.83	5.41
30	29.50	24.19	18.49	12.33	5.62
31	30.70	25.25	19.36	12.93	5.87
32	32.18	26.56	20.42	13.66	6.17
33	33.94	28.08	21.62	14.46	6.50
34	35.94	29.79	22.96	15.34	6.86
35	38.16	31.66	24.39	16.29	7.24
36	40.56	33.66	25.94	17.31	7.66
37	-43.16	35.82	27.61	18.42	8.12
38	45.95	38.17	29.43	19.63	8.63
39	48.98	40.71	31.41	20.95	9.18
40	52.23	43.44	33.53	22.36	9.77
41	55.75	46.40	35.83	23.90	10.42
42	59.56	49.60	38.33	25.57	11.12
43	63.64	53.04	41.01	27.35	11.86
44	68.05	56.76	43.90	29.29	12.69
45	72.82	60.78	47.05	31.41	13.58
46	78.05	65.21	50.55	33.78	14.58
47	83.78	70.10	54.42	36.40	15.68
48	90.10	75.50	58.68	39.28	16.88
49	97.03	81.42	63.35	42.42	18,19
50	104.61	87.88	68.44	45.86	19.63
51	112.86	94.92	74.00	49.63	21.19
52	121.82	102.57	80.06	53.72	22.89
53	131.54	110.89	86.64	58.18	24.75
54	142.04	119.88	93.77	63.01	26.75
55	153.31	129.54	101.43	68.19	28.89
56	165.41	139.93	109.68	73.81	31.22
57	178.36	151.07	118.58	79.89	33.73
58	192.22	163.04	128.18	86.46	36.44
59	207.04	175.90	138.51	93.54	39.37
60	222.90	189.70	149.64	101:23	42.53

#### COMB. EXP.

# MEAN RESERVES

4%

## 10 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

YEARS							
Age 20 21	1 35.97 36.54 27.14	, <b>2</b> 33.12 33.65 34.22	3 30.11 30.61 31.13	4 26.95 27.40 27.89	5 23.61 24.02 24.46		
22 23 24 25	37:14 37.77 38.44 39.15	34.22 34.82 35.45 36.12	31.70 32.29 32.92	28.41 28.95 29.52	24.92 25.41 25.93		
26	39.90	36.83	33.57	30.13	26.47		
27	40.68	37.57	34.26	30.76	27.03		
28	41.50	38.34	34.98	31.41	27.61		
29	42.36	39.15	35.73	32.09	28.22		
30	43.26	39.99	36.51	32.80	28.85		
31	44.19	40.87	37.32	33.54	29.51		
32	45.17	41.79	38.17	34.32	30.21		
33	46.21	42.77	39.08	35.15	30.95		
34	47.36	43.86	40.10	36.09	31.81		
35	48.69	45.12	41.30	37.21	32.83		
36	50.22	46.59	42.70	38.53	34.06		
37	52.03	48.34	44.38	40.14	35.58		
38	54.12	50.38	46.35	42.04	37.39		
39	56.52	52.72	48.64	44.24	39.45		
40	59.23	55.38	51.23	46.71	41.74		
41	62.27	58.37	54.11	49.43	44.24		
42	65.64	61.65	57.25	52.38	46.92		
43	69.33	65.23	60.67	55.55	49.80		
44	73.36	69.12	64.35	58.97	52.92		
45	77.72	73.30	68.30	62.65	56.27		
46	82.44	77.83	72.58	66.65	59.92		
47	87.55	82.73	77.23	70.99	63.88		
48	93.06	88.02	82.25	75.66	68.15		
49	99.02	93.74	87.67	80.72	72.76		
50	105.46	99.92	93.53	86.18	77.75		
51	112.46	$106.65 \\113.96 \\121.95 \\130.63 \\140.08$	99.91	92.15	83.21		
52	120.08		. 106.87	98.66	89.18		
53	128.36		114.47	105.78	95.74		
54	137.37		122.74	113.57	102.93		
55	147.16		131.77	122.09	110.80		
56	157.77	150.36	141.62	131.38	119.38		
57	169.28	161.51	152.31	141.46	128.68		
58	181.72	173.57	163.86	152.35	138.74		
59	195.11	186.55	176.30	164.09	149.59		
<b>60</b>	209.43	200.44	189.61	176.67	161.24		

## **MEAN RESERVES**

## 10 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

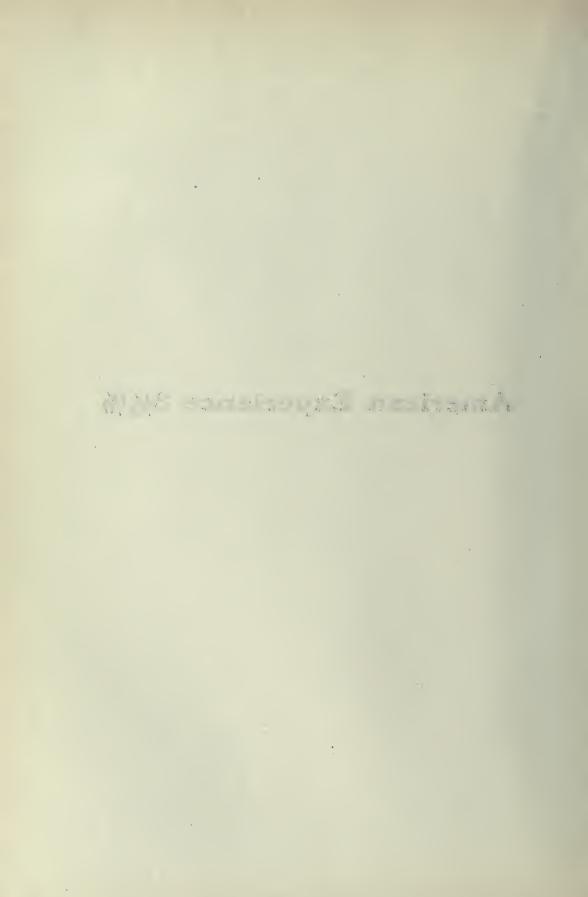
		YEA	RS	2	
Age	6	7	8	9	10
20	20.10	16.39	12.48	8.35	3.98
21	20.46	16.69	12.71	8.50	4.05
22	20.84	17.01	12.96	8.67	4.12
23	21.24	17.35	13.22	8.84	4.21
24	21.67	17.70	13.49	9.03	4.29
25	22.12	18.07	13.78	9.21	4.37
26	22.58	18.46	14.07	9.41	4.47
27	23.07	18.86	14.38	9.62	4.56
28	23.57	19.27	14.70	9.83	4.66
29	24.10	19.71	15.04	10.06	4.76
30	24.65	20.16	15.39	10.30	4.87
31	25.22	20.64	15.75	10.54	4.98
32	25.82	21.13	16.13	10.80	5.10
33	26.47	21.68	16.56	11.09	5.24
34	27.22	22.32	17.08	11.47	5.41
35	28.15	23.14	17.76	11.95	5.62
36	29.28	24.15	18.59	12.53	5.87
37	30.69	25.39	19.60	13.23	6.17
38	32.35	26.83	20.75	14.00	6.50
39	34.21	28.42	22.00	14.83	6.86
40	36.26	30.15	23.33	15.72	7.24
41	38.46	31.99	24.76	16.69	7.66
42	40.81	33.97	26.31	17.73	8.12
43	43.35	36.11	27.99	18.87	8.63
44	46.11	38.44	29.82	20.11	9.18
45	49.08	40.96	31.79	21.44	9.77
46	52.31	43.69	33.93	22.89	10.42
47	55.82	46.65	36.26	24.48	11.12
48	59.59	49.84	38.77	26.17	11.86
49	63.67	53.30	41.47	28.01	12.69
50	68.09	57.04	44.42	30.02	13.58
51	72.94	61.17	47.71	32.28	14.58
52	78.27	65.74	51.34	34.77	15.68
53	84.15	70.79	55.36	37.52	16.88
54	90.61	76.31	59.73	40.50	18.19
55	97.66	82.34	64.52	43.77	19.63
56	105.34	88.92	69.74	47.35	21.19
57	113.66	96.05	75.42	51.23	22.89
58	122.70	103.81	81.59	55.47	24.75
59	132.45	112.19	88.27	60.05	26.75
60	142.92	121.19	95.45	64.97	28.89

. 3



# American Experience $3\frac{1}{2}\%$

- -



31/2%

	First Year		RENEWAL	PREMIUMS	
Age	All Forms	Ordinary Life	20 Payment Life	15 Payment Life	10 Payment Life
20	7.54	13.77	21.76	26.86	37.87
21	7.59	14.08	22.11	27.29	38.48
22	7.64	14.41	22.48	27.74	39.11
23	7.69	14.75	22.87	28.21	39.76
24	7.74	15.10	23.27	28.70	40.44
25 26 27 28 29	7.79 7.85 7.92 7.99 7.99 8.06	15.48 15.88 16.29 16.73 17.19	23.69 24.12 24.57 25.03 25.52	29.20 29.72 30.27 30.83 31.42	41.14 41.87 42.63 43.41 44.22
30°	8.14	17.68	26.02	32.02	45.06
31	8.22	18.19	26.55	32.66	45.93
32	8.32	18.73	27.10	33.31	46.83
33	8.43	19.30	27.67	33.99	47.77
34	8.53	19.91	28.27	34.70	48.74
35	8.64	20.55	28.89	35.44	49.74
36, 4	8.78	21.22	29.54	36.20	50.78
37	8.92	21.94	30.23	37.00	51.86
38	9.09	22.70	30.94	37.83	52.98
39	9.26	23.50	31.69	38.70	54.14
40	9.46	24.36	32.48	39.60	55.35
41	9.67	25.26	33.30	40.54	56.60
42	9.91	26.23	34.17	41.53	57.89
43	10.16	27.26	35.09	42.56	59.24
44	10.46	28.35	36.06	43.64	60.64
45	10.79	29.51	37.09	44.77	62.10
46	11.17	30.75	38.17	45.96	63.61
47	11.60	32.07	39.33	47.21	65.18
48	12.09	33.48	40.55	48.52	66.82
49	12.66	34.99	41.84	49.89	68.52
50	13.31	36.59	43.22	51.34	70.28
51	14.05	38.29	44.69	52.86	72.12
52	14.87	40.11	46.25	54.47	74.02
53	15.78	42.06	47.91	56.16	76.00
54	16.80	44.13	49.69	57.95	78.06
55	17.94	46.34	51.60	59.84	80.21
56	19.21	48.71	53.64	61.84	82.45
57	20.61	51.23	55.83	63.97	84.78
58	22.16	53.94	58.19	66.24	87.23
59	23.89	56.83	60.72	68.66	89.79
60 61 62 63 64	25.79 27.90 30.23 32.79 35.63	59.92 63.23 66.78 70.58 74.65	63.44	71.25	92.48
65	38.77	79.02			

# NET PREMIUMS



FULL PRELIMINARY TERM

-

Endowments						
	First Year	RI	ENEWAL PREMI	IUMS	۰.	
Age	Premiums All Forms	End. 20 Year	End. 15 Year	1.00	End. 10 Year	
20	7.54	41.36	58.98		97.05	
21	7.59	41.40	59.01		97.08	
22	7.64	41.45	59.05		97.11	
23	7.69	41.50	59.09		97.14	
24	7.74	41.55	59.13		97.17	
25	7.79	41.61	59.18		97.21	
26	7.85	• 41.67	59.23		97.25	
27	7.92	41.74	59.28		97.29	
28	7.99	41.82	59.34		97.33	
29	8.06	41.90	59.40		97.38	
30	8.14	41.99	59.47		97.44	
31	8.22	42.09	59.55		97.49	
32	8.32	42.21	59.63		97.56	
33:	8.43	42.33	59.73	¥.	97.63	
34 ·	8.53	42.47	59.83		97.71	
35	8.64	-42.63	59.95		97.79	
36	8.78	42.80	60.07		97.89	
37	8.92	43.00	60.22		97.99	
38	9.09	43.22	60.38		98.10;	
39	9.26	43.47	60.56	•	98.23	
40	9.46	43.75	60.76	•.	98.37	
41	9.67	44.06	60.99	•	98.54	
42	9.91	44.42	61.25		98.72	
43.	10.16	44.82	61.54		98.93	
44. :	10.46	45.26	61.88		99.16	
45	10.79	45.77	62.25		99.43	
46	11.17	46.34	62.68	d.	99.74	
47 48	11.60	46.97	63.16		100.09	
49	12.09 12.66	47.68	63.70		100.49	
22	12.00	48.47	64.30		100.93	
50'	13.31	49.35	64.98		101.43	
51	14.05	50.33	65.73		101.99	
52,	14.87	51.42	66.57		102.61	
53	15.78	52.62	67.50	t	103.30	
54:	16.80	53.96	68.53	(	104.07	
55	17.94	55.43	69.68		104.92	
56	19.21	57.07	70.96		105.87	
57	20.61	58.87	72.38		106.93	
58	22.16	60.85	73.96		108.10	
59	23.89	63.03	75.71	•	109.41	
60	25.79	65.43	77.64		110.86	

## **NET PREMIUMS**

31/2%

Per \$1,000 of Insurance, increasing by a similar Amount Yearly, and terminating entirely at end of period.

	Mortuary or	Increasing Additions	
	FULL LE	EVEL PREMIUMS	-
Age	20 Yrs.	15 Yrs.	10 Yrs.
20	76.21	58.26	40.44
21	77.19	58.84	40.77
22	78.25	59.47	41.12
23	79.41	60.15	41.49
24	80.68	60.90	41.90
25	82.08	61.72	42.34
26	83.62	62.62	42.81
27	85.33	63.59	43.33
28	87.24	64.66	43.89
29	89.36	65.83	44.51
30	91.76	67.13	45.19
31	94.45	68.56	45.93
32	97.49	70.16	46.75
33	100.91	71.95	47.64
34	104.74	73.95	48.62
35	109.03	76.22	49.72
36	113.83	78.78	50.93
37	119.19	81.68	52.29
38	125.16	84.95	53.81
39	131.79	88.62	55.53
40	139.13	92.75	57.49
41	147.24	97.38	59.71
42	156.19	102.55	62.25
43	166.03	108.31	65.12
44	176.82	114.71	68.35
45	188.61	121.79	71.98
46	201.49	129.62	76.04
47	215.50	138.26	80.57
48	230.69	147.75	85.61
49	247.12	158.16	91.20
50	264.82	169.55	97.37
51	283.81	181.99	104.20
52	304.08	195.55	111.71
53	325.57	210.29	119.99
54	348.18	226.28	129.07
55	371.80	243.57	139.02
56	396.34	262.20	149.94
57	421.68	282.17	161.86
58	447.78	303.43	174.88
59	474.58	325.90	189.07
60	502.00	349.48	204.49

## TERMINAL RESERVES

31/2%

## Ordinary Life FULL PRELIMINARY TERM

		YEA	ARS.		
Age	I	2	3	4	5
20	0.00	6.45	13.13	20.04	27.21
21	0.00	6.72	13.68	20.89	28.36
22	0.00	7.01	14.27	21.79	29.57
23	0.00	7.31	14.88	22.72	30.83
24	0.00	7.63	15.52	23.70	32.16
25	0.00	7.96	16.19	24.72	33.54
26	0.00	8.30	16.90.	25.79	34.99
27	0.00	8.76	17.63	26.91	36.52
28	0.00	9.04	18.40	28.09	38.11
29	0.00	9.45	19.22	29.33	39.78
30	0.00	9.87	20.08	30.62	41.52
31	0.00	10.31	20.96	31.97	43.36
32	0.00	10.76	21.89	33.39	45.27
33	0.00	11.25	22.88	34.89	47.29
34	0.00	11.76	23.91	36.45	49.39
35	0.00	12.29	24.98	38.07	51.58
36	0.00	12.85	26.10	39.78	53.87
37	0.00	13.43	27.28	41.55	56.27
38	0.00	14.04	28.51	43.43	58.79
39	0.00	14.68	29.80	45.39	61.43
40	0.00	15.36	31.17	47.45	64.19
41	0.00	16.06	32.60	49.59	67.06
42	C.00	16.81	34.08	51.84	70.04
43	0.00	17.57	35.63	54.15	73.13
44	0.00	18.38	37.23	56.55	76.32
45	0.00	19.20	38.89	59.02	79.57
46	0.00	20.07	40.60	61.54	82.89
47	0.00	20.95	42.33	64.10	86.26
48	0.00	21.84	44.08	66.71	89.69
49	0.00	22.74	45.87	69.37	93.19
50	0.00	23.67	47.71	72.09	96.77
51	0.00	24.62	49.59	74.87	100.42
52	0.00	25.60	51.52	77.71	104.13
53	0.00	26.59	53.48	80.59	107.91
54	0.00	27.62	55.47	83.53	111.76
55	0.00	28.65	57.51	86.53	115.66
56	0.00	29.71	59.59	89.58	119.63
57	9.00	30.80	61.71	92.67	123.63
58	0.00	31.89	63.84	95.78	127.66
59	0.00	33.00	66.00	98.93	131.73
60	0.00	34.12	68.17	102.10	135.82
61	0.00	35.26	70.38	105.30	139.91
62	0.00	36.41	72.60	108.48	143.98
63	0.00	37.56	74.80	111.63	147.99
64	0.00	38.69	76.96	114.74	151.92
65	0.00	39.82	79.11	117.79	155.78

## **TERMINAL RESERVES**

Ordinary Life FULL PRELIMINARY TERM

\_\_\_\_\_

		YE.	ARS		
Age 20 21 22 23 24. 25	6 34.63 36.09 37.62 39.23 40.91 42.67	<b>7</b> 42.31 44.09 45.97 47.92 49.97 52.12	<b>8</b> 50.26 52.38 54.59 56.91 59.35 61.89	9 	10 67.00 69.82 72.76 75.85 79.06 82.42
26	44.51	54.36	64.54	75.06	85.94
27	46.45	56.71	67.32	78.29	89.62
28	48.46	59.16	70.23	81.66	93.46
29	50.58	61.74	73.27	85.18	97.46
30	52.80	64.44	76.46	88.86	101.65
31	55.11	67.26	79.78	92.70	106.01
32	57.54	70.19	83.25	96.70	110.57
33	60.08	73.27	86.87	100.90	115.34
34	62.73	76.49	90.67	105.27	120.31
35	65.50	79.84	94.62	109.84	125.48
36	68.40	83.36	98.76	114.60	130.87
37	71.43	87.03	103.07	119.56	136.47
38	74.61	90.87	107.58	124.71	142.28
39	77.92	94.87	112.25	130.06	148.29
40	81.39	99.03	117.11	135.60	154.48
41	84.98	103.34	122.12	141.29	160.82
42	88.70	107.79	127.28	147.12	167.31
43	92.54	112.36	132.54	153.08	173.93
44	96.48	117.03	137.93	159.16	180.68
45	100.50	121.79	143.41	165.34	187.54
46	104.59	126.64	149.00	171.63	194.51
47	108.76	131.57	154.67	178.01	201.56
48	112.99	136.58	160.42	184.48	208.71
49	117.31	141.68	166.27	191.04	215.96
50	121.71	146.87	172.22	197.71	223.30
51	126.19	152.15	178.26	204.47	230.72
52	130.74	157.52	184.38	211.30	238.21
53	135.38	162.95	190.58	218.20	245.76
54	140.08	168.46	196.84	225.15	253.36
55	144.85	174.03	203.15	232.16	261.00
56	149.67	179.65	209.51	239.20	268.64
57	154.53	185.31	215.91	246.24	276.26
58	159.42	190.99	222.29	253.26	283.82
59	164.34	196.67	228.66	260.23	291.30
60	169.26	202.33	234.98	267.11	298.67
61	174.16	207.96	241.22	273.89	305.89
62	179.01	213.49	247.36	280.53	312.97
63	183.77	218.92	253.34	287.01	319.96
64	188.44	224.20	259.19	293.43	327.00
65	192.98	229.37	264.99	299.91	334.26

31/2%

## TERMINAL RESERVES

31/2%

**Ordinary Life** 

		YEA	ARS		
Age 20 21 22 23 24 25	75.82 79.00 82.32 85.79 89.42 93.21	12 84.94 88.49 92.20 96.08 100.13 104.36	<b>13</b> 94.37 98.30 102.41 106.71 111.19 115.87	<b>14</b> 104.12 108.44 112.97 117.69 122.61 127.74	<b>15</b> 114.19 118.93 123.87 129.02 134.39 139.98
26	97.17	108.77	120.74	133.09	145.81
27	101.31	113.38	125.83	138.66	151.88
28	105.63	118.18	131.13	144.47	158.21
29	110.14	123.20	136.66	150.52	164.80
30	114.84	128.43	142.42	156.84	171.65
31	119.74	133.88	148.43	163.39	178.77
32	124.86	139.56	154.68	170.22	186.15
33	130.20	145.48	161.19	177.30	193.81
34	135.76	151.65	167.94	184.64	201.72
35	141.55	158.04	174.93	192.22	209.85
36	147.56	164.67	182.17	200.02	218.22
37	153.79	171.52	189.61	208.04	226.78
38	160.25	178.58	197.26	216.26	235.56
39	166.89	185.83	205.10	224.68	244.52
40	173.71	193.26	213.13	233.27	253.66
41	180.68	200.86	221.32	242.02	262.96
42	187.81	208.61	229.65	250.93	272.39
43	195.08	216.49	238.12	259.95	281.93
44	202.47	224.50	246.71	269.09	291.60
45	209.98	232.61	255.41	278.34	301.35
46	217.58	240.83	264.21	287.67	311.18
47	225.28	249.14	273.09	297.08	321.06
48	233.07	257.53	282.04	306.53	330.98
49	240.96	266.01	291.05	316.05	340.95
50	248.93	274.56	300.13	325.61	350.94
51	256.97	283.16	309.26	335.21	360.93
52	265.07	291.83	318.42	344.79	370.88
53	273.22	300.52	327.58	354.35	380.78
54	281.41	309.21	336.71	363.86	390.58
55	289.59	317.88	345.79	373.27	400.25
56	297.76	326.50	354.78	382.57	409.78
57	305.88	335.03	363.66	391.70	419.13
58	313.90	343.44	372.37	400.68	428.38
59	321.81	351.70	380.93	409.55	437.60
60	329.57	359.81	389.40	418.41	446.94
61	337.19	367.82	397.86	427.40	456.51
62	344.72	375.86	406.48	436.65	466.46
63	352.28	384.05	415.37	446.30	476.87
64	360.01	392.55	424.70	456.46	487.81
65	368.11	401.54	434.58	467.20	499.39

AMER. EXP.

## **TERMINAL RESERVES**

## Ordinary Life FULL PRELIMINARY TERM

			YEARS			
Age	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>
20	124.61	135.37	146.48	157.94	169.76	181.94
21	129.76	140.94	152.47	164.37	176.62	189.28
22	135.13	146.74	158.72	171.06	183.79	196.90
23	140.72	152.78	165.22	178.03	191.23	204.82
24	146.54	159.07	171.98	185.28	198.97	213.04
25	152.60	165.61	179.02	192.81	206.99	221.57
26	158.92	172.43	186.34	200.63	215.33	230.40
27	165.50	179.53	193.94	208.76	223.95	239.53
28	172.35	186.90	201.84	217.17	232.88	248.95
29	179.47	194.56	210.02	225.88	242.09	258.64
30	186.88	202.49	218.50	234.87	251.57	268.59
31	194.54	210.71	227.24	244.11	261.30	278.79
32	202.49	219.19	236.24	253.61	271.28	289.22
33	210.70	227.93	245.49	263.35	281.49	299.88
34	219.15	236.91	254.97	273.31	291.92	310.75
35	227.82	246.10	264.66	283.49	302.54	321.80
36-	236.72	255.52	274.57	293.87	313.37	333.04
37	245.82	265.13	284.68	304.43	324.36	344.43
38	255.13	274.94	294.96	315.15	335.51	355.97
39	264.62	284.92	305.41	326.04	346.80	367.63
40	274.27	295.06	316.01	337.07	358.21	379.39
41	284.07	305.34	326.73	348.20	369.72	391.22
42	294.00	315.74	337.57	359.43	381.29	403.10
43	304.05	326.24	348.48	370.71	392.90	415.00
44	314.19	336.83	359.46	382.04	404.54	426.90
45	324.41	347.46	370.47	393.39	416.17	438.76
46	334.68	358.14	381.51	404.74	427.77	450.55
47	345.00	368.84	392.55	416.05	439.30	462.25
48	355.34	379.55	403.56	427.30	450.74	473.81
49	365.70	390.24	414.52	438.48	462.07	485.23
50	376.05	400.90	425.42	449.55	473.25	496.46
51	386.37	411.49	436.20	460.48	484.26	507.51
52	396.63	421.97	446.86	471.24	495.08	518.42
53	406.78	432.32	457.34	481.81	505.75	529.25
54	416.82	442.52	467.66	492.26	516.39	540.11
55	426.68	452.54	477.84	502.65	527.05	551.10
56	436.38	462.44	487.98	513.10	537.86	562.31
57	445.98	472.31	498.19	523.71	548.91	573.81
58	455.54	482.25	508.57	534.58	560.27	585.64
59	465.19	492.38	519.24	545.78	571.99	597.84
60	475.06	502.84	530.28	557.38	584.12	610.28
61	485.27	513.69	541.74	569.43	596.51	623.04
62	495.92	525.00	553.69	581.76	609.27	636.32
63	507.05	536.83	565.96	594.51	622.58	650.46
64	518.75	549.02	578.68	607.85	636.82	665.71
65	530.87	561.72	592.07	622.20	652.26	681.96

31/2%

## TERMINAL RESERVES

31/2%

#### 20 Payment Life

		VE	EARS ,		
Age 20 21 22 23 24	x 0.00 0.00 0.00 0.00 0.00 0.00	<b>2</b> 14.78 15.10 15.44 15.79 16.15	<b>3</b> 30.15 30.80 31.49 32.20 32.94	4 46.13 47.14 48.19 49.27 50.39	5 62.76 64.13 65.55 67.02 68.54
25	0.00	16.52	33.69	51.55	70.10
26	0.00	16.90	34.48	52.74	71.74
27	0.00	17.31	35.29	53.98	73.41
28	0.00	17.71	36.12	55.25	75.13
29	0.00	18.14	36.99	56.57	76.92
30	0.00	18.58	37.89	57.93	78.76
31	0.00	19.04	38.80	59.33	80.66
32	0.00	19.50	39.75	60.79	82.62
33	0.00	19.99	40.74	62.29	84.65
,34	0.00	20.49	41.76	63.83	86.73
35 36 37 38 39	0.00 0.00 0.00 0.00 0.00 0.00	21.01 21.54 22.08 22.65 23.23	42.81 43.88 44.99 46.13 47.31	65.41 67.05 68.72 70.46 72.25	88.87 91.07 93.34 95.68 98.09
40	0.00	23.84	48.53	74.11	100.57
41	0.00	24.47	49.80	76.00	103.12
42	0.00	25.12	51.09	77.95	105.71
43	0.00	25.77	52.42	79.93	108.35
44	0.00	26.46	53.77	81.95	111.02
45	0.00	27.14	55.13	83.99	113.70
46	0.00	27.84	56.53	86.04	116.38
47	0.00	28.55	57.90	88.06	119.04
48	0.00	29.24	59.27	90.08	121.68
49	0.00	29.94	60.64	92.10	124.32
50	0.00	30.64	62.01	94.12	126.96
51	0.00	31.34	63.39	96.14	129.59
52	0.00	32.06	64.77	98.16	132.20
53	0.00	32.76	66.16	100.17	134.80
54	0.00	33.48	67.55	102.19	137.41
55	0.00	34.20	68.93	104.21	140.00
56	0.00	34.93	70.34	106.23	142.58
57	0.00	35.67	71.75	108.25	145.13
58	0.00	36.40	73.16	110.24	147.65
59	0.00	37.14	74.56	112.23	150.15
60	0.00	37.88	75.95	114.21	152.62

# **TERMINAL RESERVES**

#### 20 Payment Life

FULL PRELIMINARY TERM

	- 7				
		YE	ARS		
Age	6	7	8	9	10
20	80.05	98.04	116.75	136.22	156.46
21	81.79	100.17	119.29	139.17	159.85
22	83.60	102.38	121.91	142.22	163.34
23	85.47	104.66	124.62	145.38	166.97
24	87.41	107.02	127.43	148.64	170.70
25 26 27 28 29	89.40 91.48 93.60 95.79 98.06	109.46 111.99 114.58 117.26	130.32 133.32 136.39 139.57	152.00 155.49 159.07 162.75	174.55 178.51 183.63 186.85
30 31 32 33 34	100.40 102.81 105.30 107.86 110.50	120.03 122.88 125.82 128.84 131.96 135.15	142.85 146.23 149.70 153.28 156.96 160.74	166.56 170.48 174.51 178.64 182.91 187.29	191.19 195.67 200.26 204.99 209.85 214.85
35	113.20	138.44	164.63	191.79	219.96
36	115.99	141.83	168.63	196.41	225.21
37	118.85	145.31	172.72	201.13	230.56
38	121.82	148.89	176.93	205.97	236.03
39	124.85	152.56	181.23	210.90	241.59
40	127.97	156.30	185.61	215.91	247.22
41	131.15	160.13	190.07	220.98	252.88
42	134.39	164.01	194.56	226.07	258.58
43	137.68	167.91	199.07	231.18	264.27
44	140.98	171.82	203.58	236.27	269.94
45	144.27	175.72	208.07	241.34	275.57
46	147.57	179.62	212.56	246.40	281.18
47	150.84	183.48	216.98	251.38	286.69
48	154.09	187.31	221.38	256.30	292.14
49	157.32	191.12	225.72	261.16	297.50
50	160.55	194.89	230.02	265.97	302.78
51	163.75	198.63	234.27	270.69	307.95
52	166.92	202.33	238.45	275.32	312.98
53	170.08	205.99	242.57	279.85	317.89
54	173.22	209.61	246.63	284.29	322.69
55	176.32	213.17	250.58	288.61	327.31
56	179.38	216.67	254.46	292.81	331.76
57	182.41	220.11	258.24	296.85	336.00
58	185.39	223.47	261.89	300.72	340.02
59	188.32	226.72	265.39	304.38	343.75
: 60	191.17,	229.86	268.73	307.80	347.18

31/2%

# **TERMINAL RESERVES**

# 31/2%

### 20 Payment Life

YEARS							
Age	11	12	13 .	14	15		
20	177.53	199.45	222.25	245.97	270.66		
21	181.36	203.74	227.02	251.24	276.45		
22	185.32	208.17	231.95	256.68	282.42		
23	189.41	212.76	237.05	262.31	288.59		
24	193.63	217.49	242.30	268.11	294.94		
25	198.00	222.37	247.72	274.08	301.49		
26	202.50	227.42	253.31	280.24	308.24		
27	207.13	232.58	259.05	286.55	315.15		
28	211.89	237.91	264.94	293.05	322.27		
29	216.79	243.38	271.01	299.73	329.58		
30	221.84	249.02	277.26	306.61	337.09		
31	227.01	254.80	283.66	313.63	344.78		
32	232.34	260.74	290.23	320.86	352.65		
33	237.82	266.84	296.98	328.24	360.70		
34	243.43	273.10	303.86	335.78	368.90		
35	249.18	279.48	310.89	343.46	377.23		
36	255.06	285.99	318.05	351.26	385.66		
37	261.05	292.62	325.30	359.14	394.19		
38	267.15	299.34	332.64	367.11	402.79		
39	273.32	306.12	340.04	375.13	411.44		
40	279.55	312.96	347.49	383.18	420.12		
41	285.82	319.82	354.95	391.25	428.80		
42	292.10	326.70	362.41	399.31	437.47		
43	298.38	333.55	369.84	407.32	446.08		
44	304.61	340.35	377.20	415.25	454.60		
45	310.81	347.09	384.49	423.10	463.02		
46	316.95	353.77	391.71	430.86	471.34		
47	322.99	360.32	398.77	438.44	479.46		
48	328.94	366.76	405.71	445.87	487.36		
49	334.77	373.07	412.46	453.09	495.12		
50	340.51	379.23	419.06	460.11	502.61		
51	346.09	385.17	425.45	466.93	509.81		
52	351.51	391.00	431.60	473.44	516.75		
53	356.78	396.61	437.50	479.66	523.33		
54	361.89	401.99	443.15	485.58	529.54		
55	366.76	407.09	448.46	491.09	535.31		
56	371.41	411.90	453.41	496.20	540.61		
57	375.80	416.39	457.99	500.85	545.41		
58	379.89	420.52	462.11	505.01	549.71		
59	383.64	424.21	465.75	508.67	553.51		
60	387.00	427.47	468.93	511.87	556.89		

# TERMINAL RESERVES

# 31/2%

#### 20 Payment Life

		Y	EARS	2	
Age	16	17	18	19	20
20	296.36	323.09	350.93	379.89	410.03
21	302.67	329.97	358.37	387.93	418.69
22	309.19	337.05	366.04	396.21	427.62
23	315.92	344.37	373.96	404.76	436.81
24	322.86	351.89	382.11	413.55	446.28
25	329.99	359.65	390.50	422.61	456.00
26	337.35	367.60	399.11	431.88	466.00
27	344.89	375.82	407.96	441.43	476.26
28	352.65	384.23	417.08	451.24	486.77
29	360.60	392.85	426.38	461.25	497.52
30	368.78	401.71	435.93	471.51	508.49
31	377.12	410.73	445.65	481.94	519.67
32	385.67	419.95	455.57	492.57	531.04
33	394.38	429.35	465.65	503.37	542.58
34	403.25	438.89	475.89	514.33	554.30
35	412.23	448.55	486.25	525.41	566.15
36	421.33	458.32	496.72	536.62	578.13
37	430.50	468.17	507.26	547.91	590.22
38	439.76	478.09	517.90	559.28	602.39
39	449.05	488.06	528.57	570.71	614.63
40	458.38	498.05	539.26	582.17	626.92
41	467.69	508.03	549.96	593.64	639.24
42	476.99	518.00	560.64	605.09	651.55
43	486.20	527.87	571.26	616.46	663.83
44	495.36	537.68	581.75	627.78	676.07
45	504.38	547.35	592.13	638.99	688.24
46	513.29	556.90	602.37	650.07	700.30
47	521.95	566.23	612.46	660.97	712.23
48	530.49	575.34	622.31	671.68	724.01
49	538.75	584.23	631.90	682.18	735.60
50	546.77	592.82	641.20	692.38	746.98
51	554.45	601.08	650.22	702.29	758.13
52	561.82	609.02	658.83	711.89	769.04
53	568.81	616.54	667.07	721.13	779.72
54	575.41	623.61	674.88	730.03	790.18
55	581.50	630.24	682.28	738.58	800.48
56	587.11	636.36	689.24	746.85	810.62
57	592.22	642.03	695.81	754.79	820.64
58	596.85	647.26	702.02	762.46	830.54
59	601.01	652.05	707.77	769.83	840.32
60	604.75	656.43	713.21	776.88	849.97

## **TERMINAL RESERVES**

31/2%

#### 15 Payment Life

YEARS Age I 2 3 4 5							
Age 20 21 22 23 24	<b>1</b> 0.00 0.00 0.00 0.00 0.00	20.10 20.50 20.92 21.36 21.81	<b>3</b> 41.02 41.84 42.70 43.59 44.51	4 62.79 64.05 65.37 66.72 68.13	5 85.45 87.17 88.96 90.80 92.71		
25	0.00	22.30	45.45	69.58	94.68		
26	0.00	22.75	46.44	71.07	96.71		
27	0.00	23.26	47.45	72.62	98.82		
28	0.00	23.76	48.49	74.22	100.99		
29	0.00	24.30	49.57	75.87	103.22		
30	0.00	24.85	50.69	77.57	105.53		
31	0.00	25.41	51.83	79.31	107.91		
32	0.00	25.99	53.01	81.12	110.35		
33	0.00	26.59	54.24	82.98	112.88		
34	0.00	27.21	55.50	84.91	115.47		
35	0.00	27.84	56.78	86.86	118.12		
36	0.00	28.50	58.11	88.88	120.85		
37	0.00	29.16	59.46	90.94	123.65		
38	0.00	29.86	60.86	93.07	126.52		
39	0.00	30.56	62.29	95.25	129.48		
40 41 42 43 44	0.00 0.00 0.00 0.00 0.00 0.00	31.29 32.03 32.81 33.58 34.38	63.77 65.28 66.83 68.41 70.00	97.49 99.78 102.12 104.49 106.89	132.50 135.58 138.72 141.91 145.10		
45	0.00	35.18	71.61	109.31	148.31		
46	0.00	36.00	73.23	111.72	151.50		
47	0.00	36.81	74.83	114.10	154.66		
48	0.00	37.60	76.40	116.45	157.78		
49	0.00	38.39	77.96	118.77	160.86		
50	0.00	39.17	79.51	121.08	163.91		
51	0.00	39.94	81.04	123.34	166.90		
52	0.00	40.70	82.54	125.56	169.82		
53	0.00	41.45	84.01	127.73	172.67		
54	0.00	42.19	85.45	129.85	175.46		
55	0.00	42.90	86.85	131.91	178.14		
56	0.00	43.60	88.22	133.91	180.73		
57	0.00	44.29	89.55	135.83	183.21		
58	0.00	44.95	90.82	137.65	185.54		
59	0.00	45.59	92.03	139.39	187.76		
60	0.00	46.20	93.18	141.03	189.84		

## **TERMINAL RESERVES**

#### 15 Payment Life

#### FULL PRELIMINARY TERM

	YEARS						
Age	6	7	8	- 9	10		
20	109.05	133.62	159.20	185.84	213.58		
21	111.24	136.30	162.40	189.56	217.85		
22	113.52	139.09	165.71	193.43	222.29		
23	115.87	141.97	169.13	197.42	226.87		
24	118.30	144.94	172.67	201.54	231.60		
25	120.81	148.00	176.32	205.78	236.46		
26	123.40	151.18	180.09	210.18	241.51		
27	126.08	154.45	183.97	214.71	246.71		
28	128.84	157.82	178.99	219.38	252.06		
29	131.69	161.31	192.13	224.20	257.58		
30	134.62	164.89	196.38	229.15	263.25		
31	137.65	168.59	200.77	234.25	269.09		
32	140.76	172.38	205.27	239.49	275.09		
33	143.96	176.28	209.90	244.87	281.25		
34 -	147.25	180.30	214.66	250.40	287.59		
35	150.61	184.40	219.53	256.07	294.06		
36	154.09	188.63	224.55	261.89	300.72		
37	157.63	192.96	229.67	267.83	307.49		
38	161.28	197.39	234.92	273.90	314.41		
39	165.02	201.93	240.27	280.09	321.45		
40	168.84	206.56	245.72	286.38	328.59		
41	172.72	211.26	251.24	292.73	335.78		
42	176.67	216.02	256.83	299.13	343.03		
43	180.67	220.80	262.44	305.58	350.28		
44	184.66	225.62	268.03	311.99	357.58		
45	188.65	230.40	273.63	318.40	364.83		
46	192.63	235.17	279.19	324.78	372.05		
47	196.56	239.88	284.69	331.09	379.20		
48	200.46	244.54	290.14	337.33	386.26		
49	204.29	249.14	295.49	343.46	393.20		
50	208.08	253.65	300.75	349.50	400.04		
51	211.78	258.08	305.91	355.39	406.71		
52	215.40	262.39	310.92	361.12	413.18		
53	218.93	266.59	315.78	366.66	419.45		
54	222.35	270.63	320.45	371.99	425.49		
55	225.64	274.52	324.93	377.10	431.26		
56	228.79	278.22	329.20	381.94	436.71		
57	231.79	281.74	333.23	386.48	441.82		
58	234.62	285.03	336.96	390.68	446.54		
59	237.28	288.08	340.40	394.53	450.85		
60	239.72	290.86	343.50	397.96	454.68		

31/2%

## TERMINAL RESERVES

# 31/2%

#### 15 Payment Life

		YE	ARS		
Age	11	12	<b>13</b>	14	<b>15</b>
20	242.47	272.56	303.90	336.54	370.55
21	247.32	278.00	309.96	343.25	377.95
22	252.35	283.65	316.25	350.22	385.60
23	257.53	289.47	322.74	357.39	393.49
24	262.89	295.49	329.44	364.80	401.63
25	268.42	301.69	336.34	372.43	410.03
26	274.13	308.10	343.47	380.32	418.69
27	280.02	314.70	350.82	388.43	427.62
28	286.08	321.50	358.38	396.79	436.81
29	292.33	328.50	366.17	405.41	446.28
30	298.74	335.70	374.17	414.25	456.00
31	305.36	343.11	382.42	423.36	466.00
32	312.14	350.72	390.88	432.70	476.26
33	319.12	358.53	399.56	442.27	486.77
34	326.28	366.54	408.45	452.08	497.52
35	333.59	374.71	417.52	462.08	508.49
36	341.10	383.10	426.81	472.31	519.67
37	348.73	391.62	436.24	482.67	531.04
38	356.52	400.30	445.82	493.22	542.58
39	364.42	409.08	455.54	503.90	554.30
40	372.42	417.98	465.37	514.71	566.15
41	380.48	426.94	475.27	525.61	578.13
42	388.61	435.97	485.25	536.61	590.22
43	396.78	445.02	495.27	547.66	602.39
44	404.91	454.11	505.33	558.76	614.63
45	413.04	463.16	515.36	569.87	626.92
46	421.13	472.17	525.38	580.98	639.24
47	429.14	481.12	535.34	592.04	651.55
48	437.08	489.99	545.22	603.05	663.83
49	444.88	498.72	554.96	613.94	676.07
50	452.57	507.32	564.58	624.75	688.24
51	460.04	515.70	574.01	635.37	700.30
52	467.35	523.92	583.27	645.84	712.23
53	474.42	531.89	592,27	656.08	724.01
54	481.22	539.56	600.98	666.07	735.60
55	487.72	546.92	609.38	675.78	746.98
56	493.88	553.91	617.41	685.16	758.13
57	499.66	560.50	625.05	694.18	769.04
58	504.99	566.63	632.22	702.80	779.72
59	509.87	572.27	638.93	711.06	790.18
60	514.22	577.37	645.16	718.95	800.48

# TERMINAL RESERVES

31/2%

#### 10 Payment Life

		YEA	ARS		
Age	I	2	3	-4	5
20	0.00	31.59	64.50	98.79	134.51
21	0.00	32.18	65.70	100.62	137.01
22	0.00	32.78	66.94	102.52	139.59
23	0.00	33.41	68.22	104.49	142.27
24	0.00	34.07	69.55	106.52	145.04
25	0.00	34.74	70.92	108.62	147.89
26	0.00	35.43	72.34	110.79	150.84
27	0.00	36.15	73.81	113.03	153.90
28	0.00	36.89	75.31	115.35	157.05
29	0.00	37.66	76.88	117.74	160.31
30	0.00	38.45	78.50	120.21	163.66
31	0.00	39.27	80.15	122.75	167.13
32	0.00	40.10	81.87	125.38	170.70
33	0.00	40.97	83.64	128.08	174.38
34	0.00	41.87	85.46	130.87	178.16
35	0.00	42.78	87.33	133.72	183.04
36	0.00	43.73	89.26	136.67	186.04
37	0.00	44.69	91.22	139.67	190.13
38	0.00	45.69	93.25	142.77	194.35
39	0.00	46.70	95.32	145.94	198.66
40	0.00	47.75	97.46	149.20	203.08
41	0.00	48.83	99.64	152.53	207.60
42	0.00	49.93	101.87	155.93	212.20
43	0.00	51.04	104.14	159.38	216.87
44	0.00	52.18	106.44	162.88	221.61
45	0.00	53.32	108.76	166.41	226.36
46	0.00	54.49	111.11	169.96	231.14
47	0.00	55.65	113.44	173.49	235.91
48	0.00	56.80	115.76	177.00	240.67
49	0.00	57.93	118.05	180.49	245.40
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00 0.00	59.06 60.18 61.28 62.35 63.40	120.34 122.59 124.81 126.98 129.10	183.97 187.39 190.76 194.06 197.28	250.10 254.75 259.32 263.81 268.20
55	0.00	64.41	131.14	200.41	272.46
56	0.00	65.39	133.13	203.43	276.58
57	0.00	66.34	135.03	206.32	280.51
58	0.00	67.22	136.82	209.04	284.24
59	0.00	68.06	138.49	211.60	287.76
60	0.00	68.82	140.04	213.98	291.05

## **TERMINAL RESERVES**

31/2%

#### 10 Payment Life

	YEARS				
Age	6	7	8	9	10
20	171.74	210.53	250.96	293.10	337.02
21	174.93	214.44	255.62	298.54	343.28
22	178.22	218.48	260.44	304.17	349.76
23	181.64	222.67	265.43	310.00	356.46
24	185.17	227.00	270.59	316.03	363.39
25	188.82	231.47	275.92	322.25	370.55
26	192.59	236.09	281.42	328.68	377.95
27	196.49	240.87	287.12	335.34	385.60
28	200.50	245.78	292.99	342.19	393.49
29	204.66	250.88	299.06	349.28	401.63
30	208.95	256.13	305.31	356.58	410.03
31	213.36	261.54	311.76	364.11	418.69
32	217.92	267.12	318.41	371.87	427.62
33	222.61	272.87	325.25	379.86	436.81
34	227.43	278.77	332.28	388.08	446.28
35	232.38	284.84	339.52	396.53	456.00
36	237.48	291.08	346.96	405.23	466 00
37	242.70	297.49	354.59	414.14	476.26
38	248.08	304.06	362.43	423.28	486.77
39	253.57	310.79	370.43	432.62	497.52
40	259.20	317.67	378.61	442.17	508.49
41	264.94	324.69	386.96	451.90	519.67
42	270.79	331.83	395.44	461.78	531.04
43	276.73	339.06	404.03	471.81	542.58
44	282.73	346.38	412.73	481.96	554.30
45	288.75	353.73	421.48	492.21	566.15
46	294.82	361.14	430.31	502.54	578.13
47	300.88	368.56	439.16	512.95	590.22
48	306.93	375.97	448.04	523.40	602.39
49	312.95	383.37	456.91	533.87	614.63
50	318.95	390.75	465.77	544.37	626.92
51	324.88	398.05	474.57	554.82	639.24
52	330.73	405.27	483.30	565.22	651.55
53	336.48	412.40	.491.94	575.56	663.83
54	342.12	419.39	500.44	585.78	676.07
55	347.59	426.20	508.76	595.87	688.24
56	352.90	432.83	516.92	605.81	700.30
57	357.98	439.23	524.83	615.52	712.23
58	362.85	445.38	532.49	625.02	724.01
59	367.45	451.22	539.83	634.23	735.60
60	371.74	456.72	546.83	643.12	746.98

# TERMINAL RESERVES

31/2%

#### 20 Year Endowment

			1.0.0		
			ARS	-	
Age 20 21 22 23 24	I 0.00 0.00 0.00 0.00 0.00	2 35.23 35.22 35.22 35.22 35.22 35.22	<b>3</b> 71.93 71.92 71.92 71.92 71.92 71.92	4 110.18 110.17 110.16 110.15 110.14	<b>5</b> 150.04 150.02 150.00 149.99 149.98
25 26 27 28 29	0.00 0.00 0.00 0.00 0.00	35.22 35.22 35.22 35.23 35.23 35.24	71.92 71.92 71.92 71.93 71.94	110.14 110.14 110.14 110.15 110.16	149.97 149.97 149.97 149.97 149.98
30	0.00	35.25	71.96	110.18	150.00
31	0.00	35.26	71.98	110.20	150.02
32	0.00	35.27	72.01	110.24	150.06
33	0.00	35.29	72.05	110.29	150.11
34	0.00	35.32	72.09	110.35	150.17
35	0.00	35.35	72.14	110.42	150.25
.36	0.00	35.39	72.20	110.51	150.35
37	. 0.00	35.43	72.28	110.62	150.48
38	0.00	35.48	72.38	110.75	150.64
39	0.00	35.54	72.50	110.91	150.85
40	0.00	35.62	72.64	111.11	151.09
41	0.00	35.72	72.81	111.35	151.38
42	0.00	35.83	73.01	111.63	151.70
43	0.00	35.95	73.24	111.94	152.04
44	0.00	36.08	73.49	112.27	152.43
45	0.00	36.23	73.75	112.62	152.82
46	0.00	36.39	74.02	112.98	153.21
47	0.00	36.56	74.30	113.34	153.60
48	0.00	36.73	74.59	113.71	154.00
49	0.00	36.91	74.90	114.09	154.41
50	0.00	37.10	75.23	114.49	154.86
51	0.00	37.29	75.58	114.92	155.35
52	0.00	37.50	75.95	115.39	155.87
53	0.00	37.73	76.35	115.91	156.44
54	0.00	37.98	76.79	116.48	157.07
55	0.00	38.25	77.27	117.10	157.75
56	0.00	38.55	77.80	117.78	158.51
57	0.00	38.88	78.38	118.52	159.32
58	0.00	39.23	79.00	119.31	160.18
59	0.00	39.60	79.65	120.15	161.11
60	0.00	40.00	80.34	121.05	162.11

## **TERMINAL RESERVES**

31/2%

#### 20 Year Endowment

	YEARS					
Age	6 '	7	8	9	ÍÓ	
20	191.58	234.87	280.00	327.05	376.09	
21	191.55	234.84	279.95	327.00	376.03	
22	191.53	234.81	279.91	326.95	375.97	
23	191.51	234.78	279.87	326.90	375.91	
24	191.49	234.75	279.84	326.85	375.85	
25	191.48	234.73	279.81	326.80	375.79	
26	191.47	234.71	279.78	326.75	375.73	
27	191.46	234.69	279.75	326.71	375.68	
28	191.45	234.68	279.73	326.68	375.63	
29	191.46	234.68	279.71	326.65	375.58	
30	191.47	234.68	279.70	326.62	375.53	
31	191.49	234.69	279.70	326.60	375.49	
32	191.52	234.71	279.71	326.59	375.46	
33	191.56	234.75	279.73	326.60	375.44	
34	191.62	234.81	279.77	326.62	375.45	
35	191.70	234.89	279.84	326.67	375.47	
36	191.81	235.00	279.94	326.75	375.52	
37	191.95	235.14	280.08	326.87	375.60	
38	192.13	235.32	280.26	327.02	375.71	
39	192.35	235.54	280.48	327.20	375.84	
40	192.62	235.81	280.73	327:41	375.98	
41	192.94	236.12	281.01	327.64	376.11	
42	193.29	236.46	281.31	327.86	376.24	
43	193.66	236.82	281.61	328.07	376.35	
44	194.05	237.19	281.90	328.27	376.43	
45	194.44	237.52	282.17	328.45	376.47	
46	194.82	237.89	282.43	328.60	376.48	
47	195.20	238.22	282.68	328.73	376.46	
48	195.59	238.56	282.93	328.84	376.41	
49	196.00	238.91	283.18	328.94	376.34	
50	196.44	239.28	283.44	329.05	376.25	
51	196.91	239.68	283.72	329.17	376.11	
52	197.42	240.12	284.03	329.30	376.01	
53	197.98	240.60	284.38	329.44	375.92	
54	198.60	241.13	284.77	329.61	375.81	
55	199.28	241.72	285.20	329.81	375.71	
56	200.02	242.38	285.67	330.03	375.59	
57	200.82	243.08	286.17	330.26	375.44	
58	201.68	243.82	286.70	330.47	375.23	
59	202.59	244.60	287.24	330.65	374.94	
60	203.54	245.41	287.78	330.78	374.55	

•

## **TERMINAL RESERVES**

#### 20 Year Endowment

#### FULL PRELIMINARY TERM

		YEARS		
Age	<b>II</b> ;	12 13		15.
20 2	427.24	480.57536.21480.49536.12480.41536.03480.33535.94480.25535.85	594.26	654.81
21 2	427.17		594.16	654.71
22 2	427.10		594.06	654.61
23 2	427.03		593.96	654.51
24 4	426.96		593.86	654.40
25	426.89	480.16535.75480.07535.65479.98535.54479.89535.42479.80535.30	593.75	654.28
26	426.81		593.63	654.15
27	426.73		593.50	654.01
28	426.65		593.37	653.87
29	426.58		593.24	653.72
30	426.51	479.70535.18479.60535.06479.52534.95479.45534.84479.39534.73	593.10	653.56
31	426.45		592.96	653.40
32	426.40		592.83	653.24
33	426.36		592.69	653.05
34	426.34		592.55	625.87
35	426.34	479.34       534.63         479.30       534.53         479.27       534.43         479.24       534.31         479.20       534.18	592.40	652.67
36	426.35		592.24	652.45
37	426.38		592.03	652.21
38	426.43		591.82	651.93
39	426.46		591.58	651.60
40	426.50	479.14534.02479.05533.81478.93533.55478.77533.23478.56532.85	591.31	651.21
41	426.55		590.98	650.77
42	426.55		590.59	650.27
43	426.52		590.13	649.69
44	426.46		589.62	649.02
45	426.36	478.29532.41477.95531.88477.54531.27477.06530.58476.53529.80	589.00	648.26
46	426.21		588.29	647.40
47	426.00		587.48	646.43
48	425.74		586.57	645.34
49	425.44		585.56	644.12
50	425.12	475.95528.94475.31528.01474.62527.00473.87525.90473.06524.69	584.45	642.78
51	424.77		583.23	641.31
52	424.39		581.89	639.70
53	423.98		580.43	637.93
54	423.54		578.82	635.97
55	423.07	472.17523.36471.19521.89470.09520.24468.83518.36467.34516.21	577.05	633.85
56	422.55		575.09	631.42
57	421.96		572.88	628.75
58	421.27		570.38	625.75
59	420.40		567.62	622.45
<b>.,60</b> •,;	419.41	465.67 513.83	564.63	618.94

31/2%

## **TERMINAL RESERVES**

31/2%

#### 20 Year Endowment

		YEARS		
Age	16	17	18	19
20	718.01	783.99	852.87	924.83
21	717.91	783.90	852.80	924.79
22	717.81	783.81	852.73	924.75
23	717.71	783.71	852.65	924.70
24	717.61	783.61	852.57	924.64
25	717.48	783.49	852.47	924.57
26	717.35	783.36	852.36	924.50
27	717.21	783.23	852.25	924.43
28	717.06	783.09	852.14	924.35
29	716.90	782.94	852.01	924.26
30	716.73	782.77	851.86	924.19
31	716.57	782.59	851.70	924.09
32	716.36	782.41	851.53	923.96
33	716.18	782.21	851.34	923.85
34	715.95	781.99	851.13	923.72
35	715.72	781.74	850.90	923.57
36	715.45	781.45	850.64	923.40
37	715.15	781.12	850.35	923.18
38	714.81	780.75	850.02	922.96
39	714.43	780.33	849.65	922.71
40	713.99	779.86	849.23	922.45
41	713.49	779.33	848.76	922.13
42	712.88	778.73	848.20	921.78
43	712.24	778.05	847.59	921.38
44	711.47	777.28	846.90	920.93
45	710.61	776.41	846.13	920.43
46	709.64	775.43	845.29	919.84
47	708.56	774.33	844.29	919.23
48	707.35	773.10	843.20	918.51
49	705.99	771.73	842.00	917.71
50	704.49	770.22	840.65	916.83
51	702.87	768.56	839.19	915.86
52	701.07	766.70	837.54	914.78
53	699.06	764.66	835.71	913.57
54	696.90	762,40	833.67	912.24
55	694.44	759.89	831.43	910.75
56	691.73	757.11	828.95	909.12
57	688.70	754.03	826.26	907.32
58	685.38	750.66	823.26	905.33
59	681.79	747.00	819.99	903.15
60	677.95	743.10	816.45	900.75

# TERMINAL RESERVES

# 31/2%

### 15 Year Endowment

#### FULL PRELIMINARY TERM

		YE.	ARS		
Age	·	2	3	4	5
20	0.00	53.60	109.48	167.73	228.48
21	0.00	53.59	109.46	167.70	228.44
22	0.00	53.58	109.44	167.67	288.39
23	0.00	53.57	109.42	167.64	228.34
24	0.00	53.56	109.40	167.61	228.29
25	0.00	53.55	109.38	167.58	228.24
26	0.00	53.54	109.36	167.54	228.19
27	0.00	53.53	109.34	167.50	228.14
28	0.00	53.52	109.31	167.46	228.09
29	0.00	53.51	109.28	167.42	228.03
30	0.00	53.50	109.25	167.38	227.97
31	0.00	53.49	109.22	167.34	227.91
32	0.00	53.48	109.19	167.30	227.85
33	0.00	53.47	109.16	167.26	227.79
34	0.00	53.46	109.13	167.21	227.72
35	0.00	53.45	109.11	167.16	227.65
36	0.00	53.44	109.09	167.11	227.58
37	0.00	53.43	109.07	167.06	227.51
38	0.00	53.42	109.05	167.02	227.44
39	0.00	53.41	109.03	166.99	227.38
40	0.00	53.41	109.03	166.97	227.34
41	0.00	53.42	109.04	166.96	227.30
42	0.00	53.44	109.05	166.96	227.26
43	0.00	53.45	109.07	166.96	227.21
44	0.00	53.45	109.09	166.95	227.17
45 46 47 48 49	0.00 0.00 0.00 0.00 0.00	53.49 53.52 53.53 53.53 53.53 53.51	109.11 109.12 109.10 109.06 109.00	166.93 166.89 166.82 166.70 166.54	227.05 226.93 226.77 226.56 226.29
50	$\begin{array}{c} 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \end{array}$	53.49	108.92	166.35	225.97
51		53.47	108.82	166.13	225.61
52		53.44	108.70	165.91	225.21
53		53.40	108.56	165.64	224.77
54		53.35	108.41	165.32	224.28
55	0.00	53.30	108.26	165.01	223.74
56	0.00	53.25	108.10	164.67	223.15
57	0.00	53.20	107.93	164.30	222.51
58	0.00	53.14	107.74	163.90	221.82
59	0.00	53.08	107.53	163.47	221.09
60	0.00	53.01	107.30	163.01	220.31

# TERMINAL RESERVES

31/2%

#### 15 Year Endowment

		YE	ARS		
Age	6	7:	8 ~	9	10
20	291.78	357.82	426.69	498.52	573.45
21	291.78	357.76	426.62	498.45	573.37
22	291.68	357.70	426.55	498.37	573.29
23	291.63	357.63	426.47	498.28	573.20
24	291.57	357.56	426.39	498.19	573.10
25	291.51	357.49	426.30	498.10	573.00
26	291.44	357.41	426.21	498.00	572.90
27	291.37	357.32	426.12	497.90	572.79
28	291.30	357.23	426.02	497.79	572.67
29	291.23	357.14	425.92	497.67	572.54
30	291.16	357.05	425.81	497.54	572.40
31	291.08	356.95	425.69	497.40	572.25
32	291.00	356.85	425.56	497.25	572.09
33	290.91	356.74	425.42	497.09	571.92
34	290.81	356.62	425.27	496.92	571.73
35	290.71	356.49	425.12	496.74	571.53
36	290.61	356.36	424.96	496.55	571.32
37	290.51	356.22	424.80	496.35	571.09
38	290.41	356.09	424.63	496.14	570.84
39	290.32	355.97	424.46	495.92	570.57
40	290.25	355.85	424.28	495.68	570.28
41	290.17	355.72	424.08	495.41	569.95
42	290.08	355.57	423.85	495.10	569.57
43	289.97	355.39	423.57	494.74	569.13
44	289.84	355.16	423.24	494.31	568.61
45	289.67	354.87	422.84	493.80	568.00
46	289.44	354.52	422.36	493.20	567.30
47	289.15	354.09	421.79	492.50	566.49
48	288.80	353.58	421.13	491.70	565.57
49	288.38	352.99	420.38	490.80	564.54
50	287.90	352.33	419.54	489.79	563.39
51	287.36	351.60	418.61	488.66	562.11
52	286.76	350.80	417.58	487.41	560.68
53	286.10	349.92	416.44	486.03	559.10
54	285.38	348.94	415.18	484.51	557.36
55	284.59	347.85	413.80	482.85	555.46
56	283.73	346.67	412.29	481.01	553.38
57	282.79	345.38	410.65	479.03	551.10
58	281.77	343.98	408.86	476.84	548.59
59	280.67	342.46	406.90	474.43	545.82
60	279.48	340.81	404.75	471.81	542.75

## TERMINAL RESERVES

## 15 Year Endowment

#### FULL PRELIMINARY TERM

		YEARS		
Age	> xx	12	13	<b>14</b> \
20	651.63	733.20	818.34	907.21
21	651.55	733.13	818.28	907.17
22	651.47	733.05	818.22	907.13
23	651.38	732.97	818.15	907.09
24	651.28	732.88	818.08	907.05
25	651.18	732.79	818.01	907.01
26	651.08	732.70	817.93	906.96
27	650.97	732.59	817.84	906.91
28	650.85	732.47	817.74	906.85
29	650.72	732.35	817.64	906.78
30	650.58	732.22	817.53	609.71
31	650.42	732.07	817.41	906.63
32	650.25	731.91	817.28	906.55
33 -	650.07	731.73	817.13	906.46
34	649.88	731.54	816.96	906.35
35	649.67	731.34	816.78	906.23
36	649.44	731.12	816.58	906.10
37	649.19	730.88	816.36	905.95
38	648.92	730.61	816.12	905.79
39	648.62	730.30	815.85	905.62
40	648.29	729.95	815.54	905.43
41	647.91	729.56	815.19	905.21
42	647.47	729.11	814.79	904.95
43	646.97	728.59	814.33	904.65
44	646.39	728.00	813.81	904.31
45	645.72	727.33	813.23	903.93
46	644.96	726.57	812.58	903.51
47	644.09	725.71	811.84	903.04
48	643.10	724.74	811.00	902.48
49	641.99	723.66	810.06	901.88
50	640.76	722.45	808.99	901.20
51	639.39	721.09	807.82	900.45
52	637.87	719.58	806.52	899.63
53	636.19	717.91	805.08	898.69
54	634.33	716.07	803.50	897.65
55	632.28	714.04	801.72	896.50
56	630.02	711.80	799.75	895.23
57	627.53	709.32	797.57	893.82
58	624.79	706.57	795.16	892.25
59	621.77	703.52	792.46	890.47
60 ·	618.44	700.14	789.48	888.55

# TERMINAL RESERVES

# 31/2%

#### 10 Year Endowment

	YEARS						
A	I	2	3	4	5		
Age 20 21 22 23 24	0.00 0.00 0.00 0.00 0.00 0.00	93.33 93.31 93.29 93.27 93.25	190.64 190.61 190.58 190.55 190.52	292.12 292.08 292.04 292.00 291.95	397.97 397.92 397.87 397.82 397.76		
25 26 27 28 29	0.00 0.00 0.00 0.00 0.00 0.00	93.23 93.21 93.19 93.17 93.15	190.48 190.44 190.40 190.36 190.31	291.90 291.85 291.79 291.73 291.66	397.70 397.64 397.57 397.49 397.41		
30 31 32 33 34	0.00 0.00 0.00 0.00 0.00 0.00	93.13 93.10 93.07 93.04 93.01	190.26 190.21 190.15 190.09 190.03	291.58 291.50 291.42 291.34 291.25	397.32 397.23 397.13 397.02 396.90		
35 36 37 38 39	0.00 0.00 0.00 0.00 0.00 0.00	92.97 92.93 92.89 92.84 92.79	189.96 189.88 189.79 189.69 189.59	291.15 291.04 290.92 290.78 290.63	396.77 396.62 396.46 396.29 396.11		
40 41 42 43 44	0.00 0.00 0.00 0.00 0.00	92.74 92.69 92.63 92.57 92.50	189.49 189.38 189.26 189.13 188.99	290.48 290.32 290.14 289.94 289.72	395.92 395.71 395.48 395.22 394.93		
45 46 47 48 49	0.00 0.00 0.00 0.00 0.00	92.42 92.33 92.23 92.11 91.96	188.83 188.64 188.41 188.14 187.83	289.47 289.17 288.81 288.39 287.91	394.59 394.18 393.70 393.15 392.53		
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00	91.79 91.60 91.35 91.12 90.83	187.47 187.06 186.60 186:09 185.52	287.37 286.76 286.07 285.30 284.45	391.83 391.04 390.15 389.16 388.07		
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00	90.51 90.16 89.78 89.37 88.92	184.89 184.19 183.42 182.57 181.63	283.51 282.47 281.32 280.05 278.65	386.87 385.54 384.06 382.42 380.62		
60	0.00	88.42	180.60	277.12	378.66		

## **TERMINAL RESERVES**

31/2%

#### 10 Year Endowment

		YEARS		
Age	· 6	7	8 -	9
20	508.38	623.57	743.74	869.14
21	508.33	623.52	743.70	869.11
22	508.28	623.47	743.65	869.08
23	508.23	623.41	743.60	869.05
24	508.17	623.35	743.55	869.02
25	508.10	623.28	743.49	868.98
26	508.02	623.20	743.43	868.94
27	507.94	623.12	743.36	868.90
28	507.85	623.04	743.29	868.86
29	507.76	622.95	743.21	868.81
30	507.66	622.85	743.13	868.75
31	507.56	622.75	743.04	868.69
32	507.45	622.64	742.94	868.63
33	507.33	622.51	742.83	868.56
34	507.20	622.37	742.71	868.48
35	507.05	622.22	742.58	868.40
36	506.88	622.06	742.44	868.31
37	506.70	621.88	742.28	868.20
38	506.51	621.68	742.10	868.08
39	506.31	621.46	741.90	867.95
40	506.09	621.22	741.68	867.81
41	505.84	620.96	741.44	867.65
42	505.56	620.67	741.17	867.47
43	505.25	620.34	740.86	867.27
44	504.89	619.96	740.51	867.04
45	504.47	619.52	740.11	866.77
46	503.99	619.01	739.65	866.46
47	503.44	618.42	739.12	866.11
48	502.80	617.75	738.52	865.71
49	502.07	616.99	737.84	865.26
50	501.25	616.14	.737.08	864.76
51	500.34	615.19	736.24	864.21
52	499.32	614.13	735.30	863.59
53	498.18	612.96	734.25	862.90
54	496.92	611.66	733.08	862.13
55	495.53	610.22	731.78	861.27
56	493.99	608.62	730.34	860.32
57	492.28	606.84	728.74	859.26
58	490.39	604.87	726.96	858.08
59	488.31	602.69	724.99	856.77
60	486.03	600.29	722.82	855.32

## **TERMINAL RESERVES**

1/2%

**20 Year Mortuary Additions** 

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		YE	ARS	3.	
Age	I ;	2	3	. 4	5
20	. 71.63	138.40	199.98	256.07	306.30
21	72.61	140.34	202.88	259.91	311.08
22 23	73.66 74.83	142.45 144.77	206.04 209.52	264.11 268.71	316.26 321.96
23.	76.10	147.33	213.33	273.76	321.90
25	77.51	150.14	217.54	279.36	335.16
26.	70.00	152.24			212.02
26 27	79.06 80.79	153.24 156.70	222.20	285.53 292.41	342.83 351.40
28	82.71	160.55	233.14	300.11	360.97
29	84.85	164.85	239.62	308.73	371.67
30	87.28	169.73	246.94	* 318.46	383.81
31	90.01	175.21	255.17	329.44	397.55
32.	93.10	181.40	264.49	341.93	413.11
33	96.56	188.38	275.03	355.98	430.69
34 35	100.46 104.84	196.24 205.04	286.85 300.13	371.79 389.51	450.40 472.59
00	104.04	203.04	500.15	; 369.51	472.59
36	109.73	214.90	. 314.98	409.40	497.45
37	115.20	225.90	331.60	431.62	525.31
38 39	121.28 128.04	238.18 251.80	350.10 370.70	456.44 484.02	556.40 590.99
40 .	135.53	266.93	393.54	514.65	629.34
	4.40.00	200 67			
41 42	143.83 152.97	283.65 302.12	418.83	548.51 585.88	671.79 718.54
43	163.04	322.42	477.39	626.93	769.95
44	174.06	344.68	510.97	671.92	826.23
45	186.13	369.00	547.70	721.07	887.63
46	199.28	395.54	587.75	774.60	954.49
47	213.60 .	424.41	631.26	832.74	1027.16
48	229.12	455.66	678.38	895.76	1105.95
49 50	245.89 263.94	489.44 525.83	729.33 784.23	963.90 1037.37	1191.19 1283.09
. 50	200.74	525.05	704.23	1057.57	1203.09
51	283.32	564.90	843.18	1116.26	1381.89
52	304.01	606.62 650.86	906.14 972.96	1200.60	1487.50
53 54	325.95 349.04	697.44	1043.31	1290.08 1384.39	1599.64 1717.94
55	373.17	746.10	1116.85	1483.02	1841.67
56	398.24	796.71	1193.37	1585.67	1970.52
57	424.14	849.02	1272.47	1691.83	2103.84
58	450.85	902.95	1354.07	1801.41	2241.58
59	478.28	958.40	1438.02	1914.26	2383.64
60	506.39	1015.23	1524.13	2030.19	2529.73



## **TERMINAL RESERVES**

# 20 Year Mortuary Additions

### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		YEA	ARS		
Age	6 °	7	8	9	10 .
20	350.34	387.72	418.02	440.80	455.40
21	355.97	394.17	425.26	448.68	463.92
22	362.10	401.23	433.12	457.29	473.20
23	368.88	408.98	441.80	466.84	483.45
24	376.30	417.51	451.38	477.32	494.66
25	384.53	427.00	462.02	488.94	507.17
26	393.67	437.51	473.76	501.84	521.15
27	403.85	449.19	486.89	516.35	536.73
28	415.21	462.29	501.68	532.57	554.28
29	427.96	477.07	518.26	550.87	573.96
30	442.49	493.82	537.16	571.63	596.47
31	458.86	512.78	558.47	595.20	621.94
32	477.47	534.25	582.75	622.00	651.11
33	498.44	558.57	610.19	652.44	684.20
34	522.05	585.91	641.17	686.77	721.63
35	548.59	616.75	676.09	725.58	763.80
36	578.42	651.39	715.39	769,11	811.28
37	611.82	690.24	759.36	817.97	864.34
38	649.14	733.54	808.49	872.35	923.51
39	690.58	781.74	862.97	932.77	989.09
40	736.61	835.10	923.41	999.64	1061.48
41	787.42	894.10	990.09	1073.26	1141.13
42	843.46	959.06	1063.38	1154.12	1228.64
43	905.00	1030.29	1143.69	1242.78	1324.62
44	972.27	1108.10	1231.49	1339.72	1429.63
45	1045.63	1193.01	1327.30	1445.58	1544.29
46	1125.57	1285.58	1431.83	1561.07	1669.56
47	1212.48	1386.26	1545.53	1686.87	1806.00
48	1306.76	1495.50	1669.05	1823.52	1954.45
49	1408.78	1613.84	1802.85	1971.77	2115.73
50	1518.88	1741.56	1947.46	2132.20	2290.34
51	1637.24	1879.02	2103.29	2305.16	2478.83
52	1763.90	2026.29	2270.31	2490.76	2681.29
53	1898.53	2182.88	2448.04	2688.40	2897.20
54	2040.57	2348.20	2635.84	2897.50	3125.97
55	2189.23	2521.32	2832.68	3116.96	3366.28
56	2344.12	2701.86	3038.23	3346.32	3617.52
57	2504.52	2889.09	3251.57	3584.48	3878.83
58	2670.48	3082.97	3472.64	3831.73	4150.57
59	2841.81	3283.30	3701.52	4088.21	4432.97
60	3018.17	3489.95	3938.11	4353. <b>8</b> 9	<b>4726.5</b> 4

## **TERMINAL RESERVES**

3%%

#### 20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		YE	ARS		·····
Age	II	12	13	14	15
20	461.48	458.29	445.14	421.21	385.76
21	470.44	467.53	454.41	430.36	394.65
22	480.20	477.54	464.54	440.48	404.22
23	490.94	488.65	475.90	451.60	414.92
24	502.77	500.99	488.32	463.92	426.54
25	516.08	514.70	502.27	477.57	439.67
26	530.79	530.00	517.66	492.85	454.18
27	547.32	547.04	535.02	509.94	470.70
28	565.80	566.29	554.51	529.40	489.44
29	586.71	587.97	576.71	551.50	510.91
30	610.56	612.94	602.25	577.13	535.67
31	637.76	641.38	631.50	606.33	564.16
32	668.87	674.07	664.99	640.04	596.81
33	704.30	711.15	703.21	678.24	634.02
34	744.23	753.14	746.22	721.39	675.85
35	789.41	800.39	794.78	769.94	722.62
36	840.02	853.48	849.16	824.02	774.63
37	896.72	912.77	909.63	884.08	832.39
38	959.77	978.47	976.56	950.54	896.33
39	1029.44	1050.97	1050.41	1023.89	966.92
40	1106.28	1130.96	1131.92	1104.91	1044.81
41	1190.84	1219.01	1221,69	1194.07	1130.70
42	1283.79	1315.87	1320.39	1292.28	1225.25
43	1385.79	1422.11	1428.85	1400.15	1329.33
44	1497.36	1538.50	1547.62	1518.50	1443.74
45	1619.36	1665.75	1677.70	1648.35	1569.25
46	1752.65	1805.02	1820.33	1790.78	1707.18
47	1898.06	1957.20	1976.24	1946.72	1858.36
48	2056.50	2123.09	2146.46	2117.18	2024.00
49	2228.73	2303.69	2331.99	2303.37	2205.48
50	2415.45	2499.71	2533.77	2506.42	2403.78
51	2617.24	2711.94	2752.78	2727.22	2619.60
52	2834.34	2940.77	2989.31	2965.87	2853.50
53	3066.28	3185.56	3242.46	3221.82	3104.77
54	3312.29	3445.29	3511.53	3494.22	3372.21
55	3570.79	3718.62	3794.98	3781.22	3654.31
56	3841.45	4005.17	4092.33	4082.83	3950.96
57	4123.35	4303.88	4402.98	4398.27	4262.08
58	4416.93	4615.86	4728.04	4729.71	4591.24
59	4723.05	4941.98	5069.54	5080.52	4943.21
60	5042.18	5283.79	5430.15	5454.63	5322.95

## **TERMINAL RESERVES**

#### 20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance...\$1,000 the first year, increasing by a similar amount yearly.

		YEARS	3 21	
Age	16	17	18	19
20	338.02	276.73	200.94	109.12
21	346.08	283.73	206.14	112.18
22	354.89	291.09	211.75	115.19
23	364.53	299.38	217.89	118.74
24	375.19	308.35	224.75	122.57
25	387.09	318.65	232.59	127.19
26	400.51	330.17	241.50	132.19
27	415.71	343.40	251.55	138.13
28	433.15	353.39	263.24	144.74
29	452.93	375.70	276.42	152.41
30	476.10	395.75	292.08	161.61
31	502.48	418.85	309.97	171.82
32	532.99	445.46	330.38	183.52
33	567.59	475.33	353.21	196.60
34	606.16	508.50	378.48	211.00
35	649.20	545.52	406.73	227.20
36	697.06	586.70	438.21	245.10
37	750.23	632.52	473.12	265.14
38	809.13	683.14	511.83	287.17
39	874.03	739.05	554.40	311.48
40	945.82	800.79	601.62	338.66
41	1024.88	868.99	653.96	368.67
42	1112.15	944.49	711.84	401.98
43	1208.45	1027.75	775.80	438.74
44	1314.25	1119.36	846.13	479.21
45	1430.49	1220.05	923.62	524.03
46	1558.40	1331.18	1009.61	574.07
47	1698.94	1453.76	1104.70	629.20
48	1853.43	1588.81	1209.39	690.22
49	2023.07	1737.16	1324.91	757.86
50	2208.55	1899.96	1452.07	832.22
51	2411.09	2078.23	1591.43	914.30
52	2631.10	2272.03	1743.53	1003.63
53	2867.48	2480.69	1906.81	1099.28
54	3119.50	2702.71	2080.49	1201.33
55	3385.09	2936.81	2264.19	1309.91
56	3664.80	3184.64	2460.38	1427.41
57	3959.96	3448.50	2671.67	1555.40
58	4275.34	3733.93	2903.45	1698.40
59	4616.77	4047.24	3162.02	1860.26
60	4989.84	4394.37	3451.97	2043.57

AMER. EXP.

# **TERMINAL RESERVES**

## **15 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

------

		YEA	RS		
Age	<b>x</b>	2	<b>3</b>	<b>4</b>	5
20	52.91	100.15	141.35	176.17	204.22
21	53.47	101.23	142.94	178.23	206.71
22	54.08	102.42	144.68	180.50	209.42
23	54.74	103.72	146.60	182.96	212.38
24	55.47	105.17	148.70	185.68	215.67
25	56.27	106.72	150.99	188.65	219.24
26	57.14	108.44	153.52	191.92	223.20
27	58.09	110.33	156.27	195.50	227.54
28	59.15	112.39	159.31	199.46	232.33
29	60.29	114.65	162.65	203.80	237.55
30	61.57	117.18	166.37	208.62	243.39
31	62.99	119.98	170.47	213.96	249.92
32	64.57	123.08	175.06	219.98	257.20
33	66.33	126.57	180.23	226.71	265.40
34	68.31	130.51	186.04	234.31	274.59
35	70.57	134.97	192.66	242.93	285.12
36	73.11	140.03	200.12	252.73	297.05
37	76.00	145.75	208.63	263.88	310.72
38	79.26	152.24	218.25	276.54	326.22
39	82.93	159.54	229.11	290.83	343.76
40	87.06	167.77	241.36	306.96	363.50
41	91.70	177.01	255.12	325.05	385.71
42	96.88	187.35	270.50	345.31	410.47
43	102.67	198.86	287.65	367.82	438.06
44	109.07	211.65	306.64	392.80	468.58
45	116.19	225.79	327.68	420.43	502.25
46	124.03	241.43	350.90	450.82	539.28
47	132.69	258.64	376.40	484.22	580.00
48	142.19	277.52	404.38	520.87	624.70
49	152.59	298.17	435.01	561.01	673.68
50	163.96	320.76	468.52	604.94	727.26
51	176.39	345.46	505.16	652.98	785.94
52	189.93	372.39	545.11	705.40	849.96
53	204.66	401.67	588.61	762.48	919.77
54	220.65	433.48	635.85	824.56	995.78
55	237.95	467.90	687.03	891.89	1078.26
56	256.59	505.05	742.32	964.65	1167.49
57	276.61	544.96	801.74	1042.91	1263.55
58	297.95	587.51	865.14	1126.48	1366.24
59	320.51	632.53	932.25	1215.04	1475.23
60	344.21	679.84	1002.85	1308.29	1590.07

## TERMINAL RESERVES

501

#### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		YE	ARS	121	
Age	6	7	8	9	10
20	225.10	238.31	243.37	239.80	226.94
21	227.92	241.40	246.68	243.14	230.23
22	231.02	244.83	250.29	246.84	233.93
23	234.43	248.56	254.25	250.95	237.97
24	238.18	252.69	258.69	255.52	242.42
25	242.28	257.26	263.55	260.45	247.32
26	246.86	262.31	268.89	265.98	252.89
27	251.84	267.78	274.74	272.09	258.89
28	257.31	273.84	281.29	278.80	265.59
29	263.33	280.57	288.43	286.20	272.83
30	270.12	288.05	296.48	294.43	281.04
31	277.62	296.40	305.34	303.63	290.12
32 -	286.05	305.70	315.35	313.93	300.47
33	295.48	316.21	326.59	325.68	312.21
34	306.15	328.06	339.41	339.02	325.67
35	318.34	341.73	354.18	354.53	341.24
36	. 332.25	357.31	371.11	372.21	359.15
37	348.18	375.23	390.50	392.62	379.67
38	366.31	395.54	412.61	415.72	403.02
39	386.73	418.53	437.46	441.80	429.26
40	409.83	444.37	465.51	471.11	458.55
41	435.66	473.38	496.87	503.70	491.07
42	464.55	505.72	531.68	539.84	527.14
43	496.65	541.49	570.15	579.78	567.02
44	532.04	580.92	612.56	623.83	611.03
45	571.06	624.40	659.35	672.47	659.57
46	614.01	672.29	710.92	726.02	713.14
47	661.24	724.98	767.63	785.04	772.11
48	713.13	782.86	830.03	849.94	837.12
49	769.97	846.34	898.44	921.22	908.65
50	832.23	915.86	973.48	999.54	987.21
51	900.40	992.09 <sup>9</sup>	1055.92	1085.59	1073.69
52	974.89	1075.53	1146.15	1179.93	1168.57
53	1056.23	1166.66	1244.83	1283.19	1272.67
54	1144.83	1266.05	1352.59	1396.20	1386.92
55	1241.07	1374.13	1469.98	1519.63	1511.94
56	1345.30	1491.38	1597.64	1654.08	1648.19
57	1457.68	1618.06	1735.76	1799.61	1796.06
58	1578.02	1753.87	1883.86	1955.97	1955.16
59	1705.83	1898.10	2041.40	2122.45	2124.49
60	1840.51	2050.30	2207.78	2298.25	2303.55

EXP.

# TERMINAL RESERVES

# 15 Year Mortuary Additions

## (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		YEARS		
Age	11	12	<b>13</b>	14
20	204.22	171.01	126.49	69.77
21	207.35	173.71	128.48	70.86
22	210.80	176.65	130.73	72.26
23	214.53	179.91	133.36	73.71
24	218.73	183.71	136.26	75.49
25	223.44	187.79	139.49	77.25
26	228.65	192.43	$143.01 \\ 146.84 \\ 151.01 \\ 155.65 \\ 160.98$	79.37
27	234.36	197.33		81.47
28	240.58	202.83		83.94
29	247.44	208.75		86.58
30	255.12	215.59		89.80
31	263.79	223.24	167.05	93.28
32	273.62	232.05	173.91	97.42
33	284.91	242.03	181.88	102.02
34	297.72	253.55	190.86	107.36
35	312.76	266.94	201.58	113.81
36	329.88	282.34	213.81	120.93
37	349.69	300.10	227.75	129.10
38	372.10	319.97	243.28	138.16
39	397.05	342.00	260.46	148.15
40	424.86	366.58	279.66	159.39
41	455.74	393.88	301.04	171.81
42	490.00	424.23	324.71	185.68
43	527.93	457.72	350.95	200.93
44	569.69	494.69	379.77	217.74
45	615.87	535.50	411.73	236.52
46	666.77	580.64	447.21	257.30
47	722.97	630.60	486.43	280.34
48	785.06	685.77	529.83	305.81
49	853.32	746.50	577.56	333.84
50	928.41	813.31	630.19	364.91
51	1011.15	887.16	688.69	399.67
52	1102.14	968.68	753.41	437.94
53	1202.30	1058.60	824.71	480.33
54	1312.46	1157.49	903.51	527.41
55	1433.03	1266.14	990.32	579.17
56	1564.87	1385.25	1085.53	636.35
57	1708.24	1514.81	1189.49	698.57
58	1862.46	1654.47	1301.18	765.24
59	2026.83	1802.92	1419.75	836.14
60	2200.36	1959.79	1545.44	911.86

## **TERMINAL RESERVES**

## 10 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance \$1,000 the first year, increasing by a similar amount yearly.

		YEA	ARS	22	
Age	r	, 2	3	4	5
20	34.32	62.16	83.13	96.83	102.85
21	34.61	62.71	83.89	97.76	103.90
22	34.93	63.29	84.71	98.77	104.99
23	35.27	63.93	85.61	99.84	106.16
24	35.64	64.65	86.59	101.03	107.50
25	36.05	65.40	87.65	102.33	108.91
26	36.48	66.21	88.78	103.69	110.43
27	36.95	67.11	90.02	105.20	112.13
28	37.47	68.09	91.39	106.88	113.99
29	38.04	69.17	92.92	108.74	116.03
30	38.67	70.36	94.59	110.75	118.29
31	39.36	71.68	96.42	113.00	120.85
32	40.12	73.11	98.42	115.49	123.60
33	40.95	74.69	100.67	118.22	126.67
34	41.86	76.44	103.11	121.23	129.98
35	42.89	78.39	105.86	124.56	133.73
36	44.03	80.56	108.89	128.30	137.88
37	45.30	82.97	112.31	132.48	142.62
38	46.73	85.70	116.15	137.26	148.01
39	48.35	88.79	120.56	142.70	154.20
40	50.20	92.36	125.62	149.02	161.34
41	52.32	96.44	131.45	156.23	169.58
42	54.74	101.11	138.09	164.54	178.99
43	57.49	106.39	145.65	173.91	189.67
44	60.57	112.36	154.12	184.47	201.64
45	64.05	119.04	163.66	196.30	214.95
46	67.92	126.51	174.29	209.41	229.70
47	72.26	134.85	186.08	223.95	246.06
48	77.07	144.05	199.10	240.01	264.14
49	82.36	154.19	213.46	257.74	284.12
50	88.22	165.41	229.35	277.35	306.19
51	94.68	177.79	246.89	298.99	330.59
52	101.80	191.45	266.22	322.87	357.48
53	109.65	206.47	287.52	349.17	387.16
54	118.25	222.98	310.89	378.09	419.86
55	127.69	241.07	336.58	409.91	455.81
56	138.04	260.95	364.83	444.90	495.42
57	149.38	282.75	395.81	483.32	538.93
58	161.78	306.59	429.72	525.42	586.71
59	175.30	332.62	466.79	571.54	639.21
60	190.02	360.98	507.25	621.99	696.73

## **TERMINAL RESERVES**

#### **10 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance \$1,000 the first year, increasing by a similar amount yearly.

		YEARS.		
Age	6	<b>7</b>	8	9
20	100.73	89.93	69.93	40.19
21	101.77	90.90	70.76	40.67
22	102.88	91.95	71.57	41.14
23	104.09	93.04	72.44	41.68
24	105.44	94.31	73.52	42.36
25	106.89	95.70	74.66	43.00
26	108.46	97.16	75.78	43.65
27	110.20	98.73	77.06	44.48
28	112.07	100.49	78.56	45.35
29	114.18	102.54	80.21	46.41
30	116.56	104.73	82.05	47.46
31	119.17	107.23	84.05	48.72
32	122.03	109.85	86.22	49.96
33	125.13	112.80	88.57	51.42
34	128.56	115.96	91.20	52.98
35	132.40	119.64	94.22	54.90
36	136.74	123.74	97.67	56.97
37	141.66	128.47	101.55	59.42
38	147.33	133.83	106.09	62.16
39	153.76	140.04	111.20	65.35
40	161.31	147.22	117.28	69.16
41	169.91	155.53	124.25	73.42
42	179.84	165.06	132.15	78.25
43	191.04	175.69	140.93	83.62
44	203.47	187.44	150.61	89.50
45	217.27	200.51	161.39	96.11
46	232.58	215.01	173.40	103.40
47	249.57	231.14	186.70	111.57
48	268.38	248.95	201.45	120.54
49	289.10	268.60	217.64	130.41
50	312.06	290.34	235.63	141.48
51	337.39	314.41	255.63	153.74
52	365.40	341.09	277.76	167.34
53	396.38	370.56	302.25	182.36
54	430.47	403.03	329.19	198.90
55	467.99	438.77	358.92	217.26
56	509.37	478.31	391.99	237.81
57	554.94	522.01	428.63	260.45
58	605.14	570.24	468.99	285.53
59	660.39	623.30	513.60	313.36
60	720.91	681.63	562.76	343.97

31/2%

## Ordinary Life

		YEA	ARS.		
Age	I	2	3	4	5
20	3.77	10.11	16.68	23.47	30.51
21	3.80	10.40	17.24	24.33	31.67
22	3.82	10.71	17.85	25.24	32.89
23	3.85	11.03	18.47	26.18	34.15
24	3.87	11.37	19.13	27.16	35.48
25	3.90	11.72	19.82	28.20	36.87
26	3.93	12.09	20.54	29.29	38.33
27	3.96	12.48	21.30	30.42	39.86
28	4.00	12.89	22.09	31.61	41.47
29	4.03	13.32	22.93	32.87	43.15
30	4.07	13.78	23.82	34.19	44.91
31	4.11	14.25	24.73	35.56	46.76
32	4.16	14.75	25.69	37.01	48.70
33	4.21	15.28	26.72	38.54	50.74
34	4.27	15.84	27.79	40.14	52.88
35	4.32	16.42	28.91	41.80	55.10
36	4.39	17.04	30.09	43.55	57.44
37	4.46	17.69	31.33	45.39	59.88
38	4.55	18.37	32.63	47.32	62.46
39	4.63	19.09	33.99	49.35	65.16
40	4.73	19.86	35.45	51.49	68.00
41	4.84	20.66	36.96	53.73	70.96
42	4.95	21.52	38.56	56.08	74.06
43	5.08	22.42	40.23	58.52	77.27
44	5.23	23.37	41.98	61.07	80.61
45	5.39	24.36	43.80	63.71	84.05
46	5.59	25.41	45.71	66.45	87.59
47	5.80	26.51	47.68	69.25	91.22
48	6.04	27.66	49.70	72.14	94.94
49	6.33	28.87	51.80	75.12	98.78
50	6.66	30.13	53.99	78.20	102.73
51	7.03	31.46	56.25	81.38	106.79
52	7.44	32.86	58.62	84.67	110.98
53	7.89	34.33	61.07	88.07	115.28
54	8.40	35.88	63.61	91.57	119.71
55	8.97	37.50	66.25	95.19	124.27
56	9.61	39.21	69.01	98.94	128.96
57	10.31	41.02	71.87	102.81	133.77
58	11.08	42.92	74.84	106.78	138.69
59	11.94	44.92	77.92	110.88	143.75

AMER. EXP.

# **MEAN RESERVES**

# 31/2%

## Ordinary Life

		YE	ARS		
Age	I	2	3	4	5
60	12.90	47.02	81.11	115.10	148.92
61	13.95	49.25	84.44	119.46	154.22
62	15.12	51.60	87.90	123.93	159.62
63	16.40	54.07	91.47	128.51	165.10
64	17.81	56.67	95.15	133.18	170.66
65	19.39	59.42	98.98	137.96	176.30
66	21.12	62.31	102.92	142.84	182.00
67	23.02	65.35	106.98	147.80	187.76
68	25.12	68.57	111.18	152.89	193.70
69	27.42	71.95	115.54	158.19	199.97
70	29.95	75.55	120.16	163.87	206.78

## Ordinary Life

#### FULL PRELIMINARY TERM

		YE.	ARS.		
Age	6	7	8	9	10
20	37.81	45.36	53.17	61.26	69.63
21	39.27	47.13	55.28	63.71	72.43
22	40.80	49.00	57.49	66.26	75.35
23	42.41	50.95	59.79	68.94	78.41
24	44.09	52.99	62.21	71.75	81.60
25	45.85	55.14	64.75	74.68	84.94
26	47.69	57.38	67.39	77.74	88.44
27	49.63	59.73	70.16	80.95	92.10
28	51.65	62.18	73.06	84.31	95.93
29	53.78	64.76	76.10	87.82	99.92
30	56.00	67.46	79.29	91.50	104.10
31	58.33	70.28	82.62	95.34	108.45
32	60.77	73.23	86.09	99.34	113.00
33	63.34	76.33	89.72	103.54	117.77
34	66.02	79.57	93.54	107.93	122.75
35	68.82	82.95	97.51	112.51	127.94
36	71.75	86.49	101.67	117.29	133.35
37	74.82	90.20	106.02	122.29	138.99
38	78.05	94.09	110.58	127.50	144.85
39	81.43	98.15	115.31	132.91	150.93
40	84.97	102.39	120.25	138.54	157.22
41	88.65	106.79	125.36	144.34	163.69
42	92.49	111.36	130.65	150.32	170.33
43	96.47	116.08	136.08	156.44	177.14
44	100.58	120.93	141.66	162.72	184.10
45	104.79	125.90	147.36	169.13	191.20
46	109.12	130.99	153.20	175.69	198.45
47	113.55	136.20	159.16	182.38	205.82
48	118.08	141.53	165.24	189.19	213.34
49	122.75	146.99	171.47	196.15	221.00
50	127.54	152.59	177.84	203.26	228.80
51	132.45	158.32	184.35	210.51	236.74
52	137.49	164.19	191.01	217.90	244.81
53	142.68	170.20	197.80	225.42	253.01
54	147.99	176.34	204.72	233.06	261.32
55	153.43	182.61	211.76	240.83	269.75
56	159.01	189.02	218.94	248.71	278.28
57	164.70	195.54	226.23	256.69	286.87
58	170.51	202.18	233.61	264.75	295.51
59	176.45	208.92	241.08	272.86	304.18

# AMER. EXP.

## **MEAN RESERVES**



,

#### Ordinary Life

#### FULL PRELIMINARY TERM

YEARS								
Age	6	7	8	9	10			
60 61 62 63 64	182.50 188.65 194.89 201.17 207.51	215.76 222.68 229.64 236.64 243.65	248.62 256.21 263.82 271.42 279.02	281.01 289.17 297.34 305.47 313.64	312.85 321.51 330.14 338.78 347.54			
65 66 67 68 69	213.89 220.32 226.86 233.68 241.00	250.69 257.81 265.16 272.94 281.38	286.69 294.54 302.77 311.59 321.23	321.96 330.61 339.79 349.73 360.60	356.60 366.12 376.33 387.40 399,49			
70	249.04	290.72	331.89	372.57	412.73			

:

## Ordinary Life

FULL PRELIMINARY TERM

		. YE.	ARS.		
Age	II	12	13	14	15
20	78.30	87.27	96.54	106.13	116.04
21	81.45	90.79	100.44	110.41	120.73
22	84.75	94.47	104.51	114.90	125.63
23	88.20	98.31	108.77	119.58	130.73
24	91.79	102.33	113.21	124.45	136.05
25	95.56	106.53	117.86	129.55	141.60
26	99.50	110.91	122.70	134.86	147.39
27	103.61	115.49	127.75	140.39	153.42
28	107.91	120.27	133.02	146.17	159.71
29	112.40	125.27	138.53	152.19	166.26
30	117.09	130.48	144.27	158.47	173.09
31	121.97	135.91	150.25	165.01	180.18
32	127.08	141.58	156.49	171.82	187.55
33	132.42	147.49	162.99	178.90	195.21
34	137.99	153.66	169.75	186.25	203.14
35	143.79	160.07	176.76	193.85	211.31
36	149.83	166.73	184.03	201.71	219.73
37	156.10	173.63	191.54	209.80	228.38
38	162.62	180.77	199.27	218.11	237.26
39	169.34	188.11	207.22	226.64	246.35
40	176.28	195.67	215.38	235.38	255.65
41	183.38	203.40	223.72	244.30	265.12
42	190.68	211.33	232.25	253.41	274.78
43	198.14	219.42	240.94	262.67	284.57
44	205.75	227.66	249.78	272.08	294.52
45	213.52	236.05	258.77	281.63	304.63
46	221.42	244.58	267.90	291.32	314.80
47	229.46	253.25	277.15	301.12	325.11
48	237.63	262.04	286.53	311.03	335.49
49	245.96	270.98	296.03	321.05	346.00
50	254.41	280.04	305.64	331.17	356.57
51	262.99	289.21	315.36	341.38	367.22
52	271.70	298.51	325.18	351.66	377.89
53	280.52	307.90	335.08	362.00	388.60
54	289.45	317.38	345.03	372.35	399.29
55	298.47	326.91	355.01	382.70	409.93
56	307.56	336.49	365.00	393.03	420.53
57	316.69	346.07	374.96	403.30	431.03
58	325.83	355.64	384.88	413.50	441.50
59	334.97	365.17	394.73	423.66	451.99

AMER. EXP.

# **MEAN RESERVES**



## Ordinary Life

## FULL PRELIMINARY TERM

YEARS							
Age	11	12	13	14	15		
60	344.08	374.65	404.57	433.87	462.64		
61	353.16	384.12	414.46	444.25	473.57		
62	362.24	393.68	424.56	454.96	484.95		
63	371.41	403.46	435.00	466.13	496.88		
64	380.83	413.61	445.95	477.91	509.46		
65	390.70	424.34	457.57	490.40	522.81		
66	401.16	435.78	469.97	503.71	536.87		
67	412.42	448.07	483.26	517.83	551.67		
68	424.61	461.34	497.43	532.76	567.44		
69	437.87	475.58	512.50	548.74	584.56		
70	452.18	490.79	528.69	566.58	603.88		

31/2%

## Ordinary Life

			YEARS.			
Age	16	17	18	19	20	21
20	126.29	136.88	147.81	159.10	170.74	182.74
21	131.39	142.39	153.75	165.46	177.54	190.00
22	136.71	148.14	159.94	172.10	184.63	197.55
23	142.25	154.13	166.37	179.00	192.01	205.40
24	148.02	160.36	173.08	186.18	199.68	213.56
25	154.03	166.85	180.06	193.66	207.64	222.02
26	160.31	173.62	187.33	201.43	215.92	230.81
27	166.84	180.66	194.88	209.50	224.50	239.89
28	173.65	187.99	202.74	217.87	233.39	249.28
29	180.73	195.61	210.89	226.55	242.58	258.96
30	188.11	203.53	219.34	235.53	252.06	268.92
31	195.75	211.72	228.07	244.77	261.80	279.14
32	203.69	220.21	237.08	254.29	271.81	289.62
33	211.91	228.97	246.36	264.07	282.07	300.34
34	220.39	237.99	255.90	274.10	292.57	311.29
35	229.11	247.24	265.66	284.35	303.29	322.45
36	238.08	256.73	275.66	294.83	314.23	333.82
37	247.27	266.45	285.88	305.53	325.37	345.37
38	256.70	276.39	296.30	316.41	336.69	357.09
39	266.32	286.52	306.92	327.48	348.17	368.97
40	276.15	296.85	317.72	338.72	359.82	380.98
41	286.15	307.34	328.67	350.10	371.59	393.10
42	296.31	317.99	339.77	361.62	383.48	405.31
43	306.62	328.78	350.99	373.23	395.44	417.58
44	317.07	339.69	362.32	384.93	407.47	429.90
45	327.64	350.69	373.72	396.69	419.54	442.22
46	338.31	361.79	385.20	408.50	431.63	454.54
47	349.07	372.96	396.73	420.34	443.71	466.81
48	359.89	384.19	408.30	432.17	455.76	479.02
49	370.82	395.47	419.88	444.00	467.77	491.15
50	381.79	406.77	431.46	455.78	479.70	503.15
51	392.80	418.08	442.99	467.49	491.52	515.03
52	403.81	429.36	454.47	479.11	503.22	526.81
53	414.81	440.58	465.86	490.61	514.82	538.54
54	425.77	451.74	477.16	502.03	526.39	550.32
55	436.64	462.78	488.36	513.42	538.02	562.25
56	447.44	473.77	499.57	524.90	549.84	574.44
57	458.17	484.76	510.87	536.57	561.93	586.98
58	468.93	495.87	522.38	548.55	574.40	599.93
59	479.81	507.20	534.23	560.93	587.30	613.33

## AMER.

EXP.

-----

.

## **MEAN RESERVES**



#### **Ordinary Life**

#### FULL PRELIMINARY TERM

			YEARS			
Age	16	17	18	19	20	21
60 61 62 63 64	490.96 502.51 514.58 527.25 540.61	518.91 531.10 543.85 557.23 571.21	546.52 559.33 572.74 586.69 601.18	573.79 587.20 601.12 615.53 630.59	600.71 614.59 628.91 643.84 659.66	627.16 641.39 656.19 671.81 688.59
65 66 67 68 69	554.64 569.33 584.90 601.72 620.21	585.81 601.20 617.73 635.83 655.60	616.41 632.69 650.42 669.70 690.25	646.65 664.03 682.86 702.86 723.47	676.74 695.15 714.63 734.65 754.86	706.62 725.62 745.08 764.68 784.78
70	640.50	676.75	711.49	744.33	775.64	806.09

.

31/2%

#### 20 Payment Life

		YEA	ARS.		
Age	I	2	3		5
20 21 22 23 24	3.77 3.80 3.82 3.85 3.85 3.87	18.27 18.61 18.96 19.33 19.71	33.34 34.01 34.70 .35.43 36.18	49.02 50.03 51.08 52.17 53.30	65.32 66.69 68.11 69.58 71.10
25	3.90	20.10	36.95	54.46	72.67
26	3.93	20.51	37.75	55.67	74.30
27	3.96	20.94	38.58	56.91	75.97
28	4.00	21.37	39.43	58.20	77.71
29	4.03	21.83	40.32	59.54	79.50
30	4.07	22.30	41.25	60.92	81.36
31	4.11	22.79	42.19	62.34	83.27
32	4.16	23.30	43.17	63.82	85.25
33	4.21	23.83	44.20	65.35	87.30
34	4.27	24.38	45.26	66.93	89.42
35	4.32	24.95	46.35	68.56	91.59
36	4.39	25.54	47.48	70.24	93.83
37	4.46	26.15	48.65	71.97	96.14
38	4.55	26.80	49.86	73.77	98.54
39	4.63	27.46	51.12	75.62	101.02
40	4.73	28.16	52.43	77.56	103.58
41	4.84	28.88	53.78	79.55	106.21
42	4.95	29.64	55.19	81.61	108.92
43	5.08	30.43	56.64	83.72	111.69
44	5.23	31.26	58.14	85.89	114.52
45	5.39	32.11	59.68	88.10	117.39
46	5.59	33.01	61.27	90.37	120.30
47	5.80	33.94	62.89	92.65	123.21
48	6.04	34.90	64.53	94.95	126.16
49	6.33	35.89	66.21	97.29	129.13
50	6.66	36.93	67.94	99.68	132.15
51	7.03	38.02	69.71	102.11	135.21
52	7.44	39.15	71.54	104.59	138.30
53	7.89	40.34	73.42	107.12	141.44
54 -	8.40	41.59	75.36	109.71	144.65
55	8.97	42.90	77.37	112.37	147.90
56	9.61	44.28	79.45	115.11	151.22
57	10.31	45.75	81.63	117.91	154.60
58	11.08	47.29	83.87	120.79	158.04
59	11.94	48.93	86.21	123.75	161.55
60	12.90	50.66	88.64	126.80	165.14

#### AMER. EXP.

# MEAN RESERVES



## 20 Payment Life

-		YE	ARS.	-	-
	6		8	0	10
Age 20 21 22 23 24	6 82.28 84.02 85.81 87.68 89.61	7 99.92 102.04 104.23 106.50 108.85	118.27 120.78 123.38 126.08 128.86	9 137.36 140.28 143.30 146.43 149.67	, <b>10</b> 157.22 160.56 164.02 167.61 171.30
25	91.59	111.27	131.73	153.00	175.12
26	93.66	113.79	134.71	156.46	179.07
27	95.78	116.37	137.77	160.01	183.13
28	97.98	119.04	140.93	163.68	187.32
29	100.25	121.80	144.19	167.46	191.64
30	102.59	124.65	147.57	171.37	196.09
31	105.01	127.59	151.03	175.38	200.66
32	107.51	130.62	154.61	179.51	205.37
33	110.09	133.74	158.29	183.77	210.22
34	112.75	136.96	162.08	188.15	215.20
35	115.48	140.27	165.98	192.66	220.32
36	118.30	143.68	170.00	197.29	225.58
37	121.21	147.19	174.13	202.04	230.96
38	124.22	150.82	178.38	206.92	236.47
39	127.31	154.55	182.74	211.91	242.09
40	130.51	158.37	187.20	217.00	247.80
41	133.78	162.29	191.75	222.17	253.58
42	137.14	166.29	196.37	227.40	259.41
43	140.56	170.34	201.04	232.67	265.27
44	144.03	174.43	205.73	237.96	271.14
45	147.53	178.54	210.44	243.25	277.00
46	151.06	182.68	215.18	248.56	282.88
47	154.60	186.82	219.90	253.84	288.70
48	158.16	190.98	224.62	259.11	294.49
49	161.74	195.14	229.34	264.36	300.25
50	165.36	199.33	234.07	269.60	305.98
51	169.01	203.53	238.79	274.82	311.66
52	172.68	207.75	243.51	280.01	317.27
53	176.40	211.99	248.24	285.17	322.83
54	180.16	216.26	252.97	290.31	328.34
55	183.96	220.54	257.67	295.39	333.76
56	187.80	224.84	262.38	300.45	339.10
57	191.68	229.17	267.09	305.46	344.34
58	195.61	233.52	271.77	310.40	349.46
59	199.60	237.88	276.42	315.24	354.42
60	203.62	242.24	281.02	319.99	359.21

31/2%

## MEAN RESERVES

#### 20 Payment Life

## FULL PRELIMINARY TERM

		YE	ARS.		
Age	II	12	13	- 14 -	15
20	177.87	199.37	221.73	244.99	269.19
21	181.66	203.61	226.44	250.19	274.90
22	185.57	207.99	231.30	255.56	280.79
23	189.62	212.52	236.34	261.11	286.88
24	193.80	217.20	241.53	266.84	293.16
25	198.11	222.03	246.89	272.74	299.62
26	202.58	227.02	252.42	278.84	306.30
27	207.16	232.14	258.10	285.08	313.13
28	211.89	237.41	263.94	291.51	320.17
29	216.75	242.84	269.95	298.13	327.41
30	221.77	248.44	276.15	304.95	334.86
31	226.91	254.18	282.50	311.92	342.48
32	232.21	260.09	289.04	319.09	350.30
33	237.67	266.17	295.75	326.44	358.30
34	243.27	272.40	302.61	333.96	366.48
35	249.02	278.78	309.63	341.62	374.79
36	254.91	285.30	316.79	349.43	383.23
37	260.92	291.94	324.07	357.33	391.78
38	267.06	298.71	331.46	365.34	400.42
39	273.30	305.57	338.93	373.43	409.13
40 41 42 43 44	279.62 286.00 292.43 298.87 305.31	312.49 319.47 326.49 333.51 340.51	346.46 354.04 361.64 369.24 376.81	381.57 389.75 397.94 406.13 414.25	417.89 426.68 435.47 444.25 452.95
45	311.73	347.49	384.33	422.34	461.60
46	318.15	354.45	391.82	430.37	470.19
47	324.50	361.32	399.21	438.27	478.61
48	330.81	368.12	406.51	446.06	486.91
49	337.06	374.84	413.69	453.70	495.03
50	343.25	381.48	420.75	461.21	503.00
51	349.36	387.99	427.67	468.53	510.74
52	355.37	394.38	434.42	475.64	518.22
53	361.29	400.65	441.01	482.54	525.45
54	367.13	406.78	447.41	489.21	532.41
55	372.84	412.72	453.57	495.57	539.00
56	378.40	418.48	459.48	501.63	545.23
57	383.82	424.01	465.10	507.33	551.05
58	389.04	429.30	470.41	512.65	556.45
59	394.05	434.28	475.34	517.57	561.45
60	° 398.81	438.95	479.92	522.13	566.10

.

#### AMER. EXP.

# **MEAN RESERVES**

31/2%

## 20 Payment Life

•		YE	ARS.		
Age	16	17	18	19	20
20	294.39	320.60	347.89	376.29	405.84
21	300.62	327.38	355.23	384.21	414.37
22	307.05	334.36	362.79	392.37	423.16
23	313.69	341.58	370.60	400.79	432.22
24	320.53	349.01	378.64	409.46	441.55
25	327.58	356.66	386.91	418.39	451.15
26	334.85	364.55	395.45	427.50	461.02
27	342.30	372.64	404.19	437.01	471.15
28	349.97	380.95	413.17	446.68	481.52
29	357.85	389.48	422.38	456.57	492.14
30	365.95	398.26	431.83	466.73	503.01
31	374.22	407.20	441.46	477.07	514.08
32	382.71	416.36	451.31	487.62	525.35
33	391.38	425.70	461.34	498.35	536.81
34	400.21	435.20	471.52	509.24	548.45
35	409.17	444.84	481.84	520.28	560.23
36	418.27	454.60	492.29	531.44	572.15
37	427.46	464.45	502.83	542.70	584.18
38	436.74	474.40	513.47	554.06	596.31
39	446.09	484.40	524.16	565.48	608.51
40	455.48	494.45	534.89	576.95	620.78
41	464.90	504.51	545.65	588.45	633.09
42	474.31	514.58	556.41	599.95	645.41
43	483.70	524.61	567.12	611.42	657.71
44	493.01	534.55	577.75	622.79	669.96
45	502.25	544.41	588.28	634.10	682.16
46	511.40	554.18	598.74	645.30	694.29
47	520.38	563.77	609.01	656.39	706.28
48	529.22	573.20	619.11	667.28	718.13
49	537.86	582.41	628.99	677.96	729.81
50	546.30	591.42	638.65	688.40	741.31
51	554.51	600.14	648.02	698.60	752.58
52	562.41	608.54	657.05	708.49	763.59
53	570.02	616.63	665.76	718.06	774.38
54	577.32	624.35	674.09	727.30	784.97
55	584.21	$\begin{array}{c} 631.67 \\ 638.55 \\ 645.04 \\ 651.15 \\ 656.89 \end{array}$	682.06	736.24	795.34
56	590.68		689.62	744.86	805.55
57	596.73		696.83	753.23	815.64
58	602.37		703.74	761.33	825.62
59	607.62		710.27	769.16	835.46
60	612.54	662.31	716.54	776.77	845.15

## MEAN RESERVES

31/2%

## 15 Payment Life

		VE	ARS.		
Age	I	2	акз. З		5
20 21 22 23 24	3.77 3.80 3.82 3.85 3.85 3.87	23.48 23.90 24.33 24.78 25.25	43.98 44.81 45.68 46.58 47.51	65.33 66.59 67.90 69.26 70.67	87.55 89.26 91.03 92.87 94.77
25	3.90	25.74	48.46	72.11	96.73
26	3.93	26.24	49.46	73.62	98.76
27	3.96	26.76	50.48	75.17	100.85
28	4.00	27.30	51.54	76.77	103.02
29	4.03	27.86	52.64	78.43	105.26
30	4.07	28.44	53.78	80.14	107.56
31	4.11	29.03	54.95	81.90	109.94
32	4.16	29.65	56.15	83.72	112.39
33	4.21	30.29	57.41	85.61	114.93
34	4.27	30.96	58.71	87.55	117.54
35	4.32	31.64	60.03	89.54	120.21
36	4.39	32.35	61.41	91.60	122.97
37	4.46	33.08	62.81	93.70	125.79
38	4.55	33.84	64.27	95.88	128.71
39	4.63	34.63	65.77	98.12	131.71
40	4.73	35.44	67.33	100.43	134.79
41	4.84	36.29	68.93	102.80	137.95
42	4.95	37.17	70.58	105.24	141.18
43	5.08	38.07	72.27	107.73	144.48
44	5.23	39.01	74.01	110.26	147.82
45	5.39	39.98	75.78	112.84	151.19
46	5.59	40.98	77.59	115.45	154.59
47	5.80	42.01	79.42	118.07	157.98
48	6.04	43.06	81.26	120.68	161.37
49	6,33	44.14	83.12	123.31	164.76
50	6.66	45.25	85.01	125.96	168.16
51	7.03	46.40	86.92	128.62	171.55
52	7.44	47.59	88.86	131.28	174.93
53	7.89	48.80	90.81	133.95	178.28
54	8.40	50.07	92.79	136.62	181.62
55	8.97	51.37	94.79	139.30	184.95
56	9.61	52.72	96.83	141.99	188.24
57	10.31	54.13	98.91	144.68	191.50
58	11.08	55.60	101.01	147.36	194.72
59	11.94	57.13	103.14	150.04	197.91
60	12.90	58.72	105.32	152.73	201.06

-. -

# MEAN RESERVES

31/2%

#### 15 Payment Life

		YEA	RS.		
Age	6	7	8	9	10
20	110.68	134.76	159.84	185.95	213.14
21	112.85	137.42	163.00	189.63	217.35
22	115.11	140.18	166.27	193.44	221.73
23	117.44	143.03	169.66	197.38	226.25
24	119.86	145.97	173.15	201.45	230.92
25	122.34	149.00	176.76	205.65	235.72
26	124.92	152.15	180.50	210.00	240.71
27	127.58	155.40	184.34	214.48	245.84
28	130.33	158.74	188.32	219.10	251.14
29	133.16	162.20	192.43	223.87	256.60
30	136.09	165.77	196.65	228.78	262.21
31	139.11	169.44	201.00	233.84	268.00
32	142.21	173.23	205.48	239.04	273.95
33	145.42	177.12	210.09	244.38	280.06
34	148.71	181.12	214.83	249.88	286.35
35	152.09	185.23	219.68	255.52	292.78
36	155.57	189.46	224.69	261.32	299.40
37	159.14	193.80	229.81	267.25	306.16
38	162.82	198.25	235.07	273.32	313.07
39	166.59	202.82	240.45	279.52	320.12
40	170.47	207.50	245.94	285.85	327.28
41	174.42	212.26	251.52	292.26	334.52
42	178.46	217.11	257.19	298.74	341.84
43	182.57	222.03	262.91	305.29	349.23
44	186.70	226.96	268.64	311.83	356.60
45	190.86	231.91	274.40	318.40	364.00
46	195.04	236.88	280.16	324.96	371.39
47	199.21	241.83	285.89	331.50	378.75
48	203.38	246.76	291.60	337.99	386.05
49	207.52	251.66	297.26	344.42	393.28
50	211.66	256.54	302.87	350.79	400.44
51	215.77	261.36	308.42	357.08	407.48
52	219.84	266.13	313.89	363.25	414.38
53	223.88	270.84	319.26	369.30	421.14
54	227.87	275.46	324.52	375.20	427.71
55	231.81	280.00	329.64	380.93	434.09
56	235.69	284.43	334.63	386.49	440.24
57	239.49	288.75	339.47	391.84	446.14
58	243.20	292.95	344.12	396.94	451.73
59	246.85	297.01	348.57	401.80	457.02
<b>60</b> – 11 – 1	250.41	300.91	352.81	406.36	461.95

## 15 Payment Life

#### FULL PRELIMINARY TERM

		YE	ARS.		
Age	11	12	13	- 14	15
20	241.45	270.94	301.65	333.65	366.97
21	246.23	276.31	307.63	340.25	374.25
22	251.19	281.87	313.82	347.10	381.78
23	256.31	287.61	320.21	354.17	389.55
24	261.59	293.54	326.81	361.47	397.56
25	267.04	299.65	333.61	368.98	405.83
26	272.68	305.98	340.65	376.76	414.37
27	278.50	312.49	347.89	384.76	423.16
28	284.49	319.20	355.35	393.00	432.22
<b>2</b> 9	290.67	326.13	363.05	401.50	441.55
30	297.01	333.23	370.95	410.23	451.14
31	303.55	340.56	379.09	419.22	461.01
32	310.27	348.09	387.45	428.45	471.14
33	317.18	355.82	396.04	437.91	481.52
34	324.28	363.76	404.85	447.61	492.15
35	331.54	371.87	413.83	457.51	503.00
36	339.01	380.20	423.06	467.66	514.09
37	346.61	388.68	432.43	477.96	525.36
38	354.38	397.32	441.97	488.43	536.81
39	362.29	406.10	451.66	499.07	548.45
40	370.30	415.00	461.47	509.84	560.23
41	378.40	423.98	471.38	520.71	572.14
42	386.58	433.05	481.38	531.70	584.18
43	394.83	442.19	491.46	542.78	596.32
44	403.06	451.32	501.53	553.86	608.51
45	411.32	460.48	511.64	565.00	620.78
46	419.57	469.63	521.75	576.16	633.09
47	427.77	478.74	531.83	587.29	645.40
48	435.93	487.79	541.86	598.39	657.70
49	443.99	496.75	551.78	609.40	669.95
50	451.97	505.61	561.62	620.34	682.16
51	459.81	514.31	571.29	631.12	694.27
52	467.50	522.87	580.83	641.79	706.27
53	475.01	531.23	590.16	652.25	718.12
54	482.33	539.37	599.24	662.50	729.81
55	489.41	547.24	608.07	672.50	741.30
56	496.21	554.82	616.58	682.20	752.56
57	502.73	562.06	624.76	691.60	763.60
58	508.89	568.93	632.54	700.63	774.38
59	514.69	575.40	639.93	709.33	784.95
60	520.08	581.42	646.89	717.68	795.34

# MEAN RESERVES



## 10 Payment Life

		YE	ARS.		
Age	I	2	3	4	5
20	3.77	34.73	66.98	100.58	135.59
21	3.80	35.33	68.18	102.40	138.06
22	3.82	35.95	69.41	104.28	140.61
23	3.85	36.59	70.70	106.24	143.26
24	3.87	37.25	72.03	108.26	146.00
25	3.90	37.94	73.40	110.34	148.83
26	3.93	38.65	74.82	112.50	151.75
27	3.96	39.39	76.29	114.73	154.78
28	4.00	40.15	77.80	117.03	157.90
29	4.03	40.94	79.38	119.42	161.13
30	4.07	41.75	81.00	121.88	164.46
31	4.11	42.60	82.67	124.41	167.90
32	4.16	43.47	84.40	127.04	171.45
33	4.21	44.37	86.19	129.74	175.11
34	4.27	45.30	88.03	132.53	178.88
35	4.32	46.26	89.93	135.40	182.75
36	4.39	47.26	91.89	138.35	186.74
37	4.46	48.28	93.80	141.38	190.83
38	4.55	49.34	95.96	144.50	195.05
39	4.63	50.42	98.08	147.70	199.37
40	4.73	51.55	100.28	151.00	203.82
41	4.84	52.71	102.53	154.38	208.36
42	4.95	53.91	104.84	157.85	213.01
43	5.08	55.14	107.21	161.38	217.74
44	5.23	56.41	109.63	164.98	222.56
45	5.39	57.71	112.09	168.63	227.43
46	5.59	59.05	114.60	172.34	232.35
47	5.80	60.42	117.14	176.06	237.29
48	6.04	61.81	119.69	179.79	242.24
49	6.33	63.23	122.25	183.53	247.20
50	6.66	64.67	124.84	187.29	252.18
51	7.03	66.15	127.44	191.05	257.13
52	7.44	67.65	130.05	194.79	262.05
53	7.89	69.18	132.67	198.52	266.93
54	8.40	70.73	135.28	202.22	271.77
55	8.97	72.31	137.88	205.88	276.54
56	9.61	73.92	140.48	209.50	281.23
57	10.31	75.56	143.07	213.06	285.80
58	11.08	77.23	145.63	216.54	290.26
59	11.94	78.92	148.17	219.94	294.58
60	12.90	80.65	150.67	223.25	298.75

# 31/2%

### 10 Payment Life

			YE	ARS.	323	
Age		6	' 7	8	9	10
20		172.06	210.07	249.68	290.97	334.00
21		175.21	213.92	254.27	296.32	340.15
22		178.46	217.91	259.01	301.86	346.52
23		181.84	222.04	263.93	307.60	353.11
24		185.33	226.30	269.01	313.53	359.93
25		188.93	230.71	274.26	319.65	366.97
26		192.65	235.27	279.69	325.98	374.25
27		196.51	239.99	285.30	332.54	381.78
28		200.48	244.85	291.09	339.29	389.54
29		204.59	249.88	297.08	346.28	397.56
30	6	208.83	255.07	303.25	353.47	405.83
31		213.21	260.41	309.61	360.90	414.36
32		217.72	265.94	316.18	368.56	423.16
33		222.38	271.62	322.94	376.44	432.22
34		227.16	277.47	329.89	384.55	441.55
35		232.08	283.48	337.05	392.90	451.14
36		237.15	289.67	344.42	401.49	461.01
37		242.35	296.02	351.97	410.30	471.13
38		247.70	302.56	359.74	419.35	481.52
39		253.19	309.25	367.68	428.59	492.14
40		258.82	316.11	375.82	438.07	503.00
41		264.57	323.11	384.12	447.73	514.08
42		270.44	330.26	392.58	457.56	525.36
43		276.42	337.52	401.17	467.54	536.81
44		282.49	344.87	409.87	477.67	548.45
45		288.61	352.29	418.65	487.89	560.23
46		294.78	359.78	427.53	498.23	572.14
47		300.99	367.31	436.45	508.65	584.18
48		307.21	374.86	445.42	519.13	596.31
49		313.43	382.42	454.40	529.65	608.51
50		319.67	389.99	463.40	540.21	620.78
51		325.87	397.52	472.36	550.75	633.09
52		332.03	405.01	481.30	561.27	645.40
53		383.15	412.44	490.17	571.75	657.69
54		344.19	419.79	498.94	582.14	669.96
55		350.13	427.00	507.59	592.42	682.16
56		355.96	434.09	516.10	602.59	694.28
57		361.64	441.00	524.42	612.57	706.27
58		367.16	447.73	532.55	622.37	718.13
59		372.50	454.23	540.42	631.92	729.81
60		377.63	460.47	548.01	641.21	741.29

# MEAN RESERVES



### 20 Year Endowment

		YEA	ARS		
Age	I	2	3	4	5
20	3.77	38.30	74.26	111.74	150.79
21	3.80	38.32	74.28	111.75	150.80
22	3.82	38.34	74.30	111.76	150.81
23	3.85	38.36	74.32	111.78	150.82
24	3.87	38.39	74.35	111.80	150.84
25	3.90	38.42	74.38	111.83	150.86
26	3.93	38.45	74.41	111.86	150.89
27	3.96	38.49	74.45	111.90	150.93
28	4.00	38.53	74.49	111.95	150.97
29	4.03	38.57	74.54	112.01	151.02
30	4.07	38.62	74.60	112.08	151.08
31	4.11	38.68	74.67	112.13	151.16
32	4.16	38.74	74.75	112.25	151.25
33	4.21	38.81	74.84	112.35	151.36
34	4.27	38.89	74.94	112.47	151.49
35	4.32	38.98	75.06	112.61	151.64
36	4.39	39.09	75.20	112.77	151.82
37	4.46	39.21	75.36	112.96	152.03
38	4.55	39.35	75.55	113.18	152.29
39	4.63	39.51	75.77	113.45	152.60
40	4.73	39.69	76.02	113.77	-152.97
41	4.84	39.89	76.30	114.14	153.40
42	4.95	40.12	76.62	114.55	153.88
43	5.08	40.38	76.99	115.00	154.41
44	5.23	40.67	77.41	115.50	154.98
45	5.39	40.99	77.88	116.05	155.59
46	5.59	41.35	78.39	116.67	156.27
47	5.80	41.75	78.93	117.29	156.94
48	6.04	42.19	79.51	117.98	157.69
49	6.33	42.68	80.14	118.72	158.49
50	6.66	43.22	80.83	119.53	159.36
51	7.03	43.81	81.59	120.41	160.31
52	7.44	44.47	82.43	121.38	161.35
53	7.89	45.19	83.35	122.45	162.49
54	8.40	45.99	84.36	123.62	163.75
55	8.97	46.84	85.48	124.91	165.14
56	9.61	47.81	86.71	126.33	166.67
57	10.31	48.90	88.06	127.88	168.34
58	11.08	50.04	89.53	129.57	170.16
59	11.94	51.32	91.13	131.41	172.14
60	12.90	52.74	92.88	133.41	174.29





## 20 Year Endowment FULL PRELIMINARY TERM

		YE	EARS.		
Age	6	7	8	9	10
20 21 22 23 24	191.49 191.48 191.49 191.50 191.51	233.90 233.89 233.89 233.89 233.89 233.90	278.11 278.10 278.09 278.08 278.08	324 20 324.17 324.15 324.13 324.13 324.12	372.25 372.21 372.18 372.15 372.12
25	191.53	233.91	278.08	324.11	372.10
26	191.55	233.92	278.08	324.10	372.08
27	191.58	233.94	278.09	324.10	372.07
28	191.62	233.97	278.11	324.11	372.06
29	191.67	234.01	278.14	324.13	372.06
30	191.73	234.06	278.18	324.16	372.07
31	191.80	234.13	278.23	324.20	372.09
32	191.89	234.22	278.30	324.26	372.12
33	192.00	234.33	278.39	324.34	372.17
34	192.13	234.46	278.51	324.44	372.25
35	192.29	234.62	278.66	324.58	372.37
36	192.48	234.80	278.86	324.76	372.53
37	192.71	235.04	279.11	324.98	372.73
38	192.99	235.33	279.40	325.25	372.97
39	193.32	235.68	279.74	325.57	373.25
40	193.71	236.09	280.14	325.94	373.56
41	194.19	236.56	280.59	326.35	373.90
42	194.70	237.08	281.09	326.79	374.26
43	195.26	237.65	281.62	327.25	374.61
44	195.87	238.25	282.15	327.72	374.96
45	196.51	238.86	282.73	328.20	375.32
46	197.18	239.52	283.34	328.69	375.69
47	197.88	240.18	283.93	329.20	376.07
48	198.64	240.91	284.58	329.73	376.47
49	199.45	241.68	285.28	330.29	376.88
50	200.33	242.51	286.03	330.90	377.31
51	201.30	243.46	286.86	331.61	377.79
52	202.36	244.45	287.78	332.34	378.34
53	303.53	245.58	288.80	333.19	378.96
54	204.82	246.83	289.96	334.17	379.66
55	206.24	248.21	291.19	335.18	380.45
56	207.80	249.72	292.54	336.38	381.33
57	209.50	251.37	294.06	337.65	382.28
58	211.35	253.16	295.69	339.01	383.28
59	213.36	255.09	297.44	340.44	384.32
60	215.54	257.17	299.31	341.99	385.39

#### AMER. EXP.

# MEAN RESERVES

### 20 Year Endowment

		YE	ARS.		
Age	II	12	13	14	15
20	422.35	474.59	529.08	585.92	645.21
21	422.30	474.53	529.01	585.83	645.13
22	422.26	474.48	528.95	585.77	645.06
23	422.22	474.43	528.89	585.70	644.98
24	422.18	474.38	528.83	585.63	644.90
25	422.14	474.33	528.77	585.55	644.81
26	422.11	474.28	528.71	585.47	644.71
27	422.08	474.23	528.64	585.39	644.61
28	422.06	474.19	528.57	585.31	644.51
29	422.04	474.15	528.50	585 22	644.41
30	422.02	474.11	528.44	585.13	644.31
31	422.02	474.08	528.39	585.04	644.21
32	422.03	474.07	528.35	584.98	644.11
33	422.06	474.07	528.32	584.92	644.01
34	422.11	474.09	528.31	584.86	643.91
35	422.19	474.14	528.32	584.82	643.81
36	422.30	474.21	528.34	584.78	643.71
37	422.45	474.31	528.37	584.73	643.60
38	422.63	474.43	528.40	584.67	643.47
39	422.83	474.56	528.43	584.60	643.31
40	423.05	474.69	528.45	584.51	643.11
41	423.29	474.82	528.46	584.39	642.88
42	423.54	474.94	528.45	584.24	642.62
43	423.78	475.04	528.41	584.05	642.31
44	424.02	475.13	528.34	583.82	641.94
45	424.25	475.20	528.23	583.54	641.51
46	424.47	475.24	528.07	583.21	641.01
47	424.68	475.26	527.87	582.83	640.44
48	424.89	475.25	527.64	582.40	639.81
49	425.09	475.24	527.37	581.92	639.11
50	425.32	475.23	527.08	581.39	638.35
51	425.58	475.21	526.78	580.80	637.51
52	425.88	475.22	526.47	580.16	636.58
53	426.23	475.24	526.15	579.47	635.56
54	426.63	475.28	525.81	578.72	634.42
55	427.09	475.34	525.45	577.92	633.18
56	427.60	475.42	525.05	577.04	631.80
57	428.13	475.46	524.58	576.02	630.24
58	428.68	475.45	524.01	574.81	628.48
59	429.21	475.38	523.28	573.44	626.55
60	429.73	475.23	522.45	571.95	624.49

#### 20 Year Endowment

#### FULL PRELIMINARY TERM

		YEA	ARS.		
Age	16	17	18	19	<b>20</b> 983.10
20 21	707.09 707.01	771.68 771.60	839.11 839.04	909.54 909.49	983.10
22 23	706.94 706.86	771.54 771.46	838.98 838.92	909.46 909.42	983.10 983.10
24	706.78	771.38	838.86	909.38	938.10
25	706.69	771.29	838.79	909.33	983.10
26 27	706.58 706.48	771.19 771.09	838.71 838.62	909.27 909.21	983.10 983.10
28 29	706.38 706.27	770.99 770.88	838.53 838.43	909.15 909.08	983.10 983.10
30	706.15	770.75	838.31	909.00	983.10
31	706.03	770.62	838.18	908.92	983.10
32 33	705.92 705.80	770.50 770.36	838.06 837.92	908.84 908.75	983.10 983.10
34 -	705.67	770.21	837.77	908.65	983.10
35	705.53	770.05	837.61	908.54	983.10
36 37	705.37 705.18	769.86 769.64	837.43 837.22	908.41 908.26	983.10 983.10
38 39	· 704.96 704.72	769.39 769.11	836.99 836.73	908.09 907.90	983.10 983.10
40	704.45	768,78			983.10
41	704.15	768.42	836.43 836.10	907.69 907.46	983.10
42 43	703.80 703.39	768.01 767.53	835.72 835.26	907.20 906.90	983.10 983.10
44 .	702.92	766.99	834.74	906.56	983.10
45	702.37	766.39	834.16	906.16	983.10
46 47	701.74 701.03	765.71 764.94	833.52 832.82	905.73 905.25	983.10 983.10
48 49	700.24 699.36	764.07 763.11	832.06 . 831.04	904.72 904.12	983.10 983.10
50				903.46	983.10
51	698.39 697.23	762.06 760.91	830.14 829.05	902.72	983.10
52 53	696.16 694.87	759.63 758.21	827.85 826.52	901.89 900.97	983.10 983.10
54	693.44	756.64	825.04	899.95	983.10
55	691.87	754.90	823.40	898.83	983.10
56 57	690.13 688.17	752.97 750.82	821.59 819.59	897.59 896.23	983.10 983.10
58 59	686.02 683.64	748.47 745.94	817.40 815.03	894.73 893.08	983.10 983.10
	•				
60	681.17	743.26	812.51	891.31	983.10

#### 15 Year Endowment

#### FULL PRELIMINARY TERM

		YEA	ARS.		
Age	Ĩ	2	3	4	5
20 21 22 23 24	- 3.77 3.80 3.82 3.85 3.87	56.30 56.31 56.32 56.33 56.34	111.04 111.04 111.04 111.04 111.04 111.04	168.10 168.09 168.08 168.07 168.06	227.59 227.57 227.55 227.53 227.51
25	3.90	56.36	111.05	$\begin{array}{c} 168.05 \\ 168.05 \\ 168.05 \\ 168.05 \\ 168.05 \\ 168.05 \\ 168.05 \end{array}$	227.49
26	3.93	56.38	111.06		227.47
27	3.96	56.40	111.07		227.45
28	4.00	56.43	111.08		227.43
29	4.03	56.46	111.09		227.41
30	4.07	56.49	111.11	168.05	227.40
31	4.11	56.52	111.13	168.05	227.39
32	4.16	56.55	111.15	168.06	227.38
33	4.21	56.59	111.17	168.07	227.37
34	4.27	56.64	111.20	168.09	227.37
35	4.32	56.69	111.24	168.11	227.37
36	4.39	56.75	111.29	168.14	227.38
37	4.46	56.82	111.35	168.18	227.39
38	4.55	56.90	111.42	168.23	227.41
39	4.63	56.98	111.50	168.29	227.45
40	4.73	57.08	111.60	168.37	227.52
41	4.84	57.20	111.72	168.48	227.61
42	4.95	57.34	111.86	168.62	227.72
43	5.08	57.50	112.02	168.78	227.85
44	5.23	57.68	112.21	168.96	227.99
45	5.39	57.88	112.42	169.15	228.13
46	5.59	58.10	112.65	169.34	228.26
47	5.80	58.34	112.89	169.53	228.37
48	6.04	58.61	113.14	169.72	228.47
49	6.33	58.91	113.41	169.91	228.56
50	6.66	59.24	113.70	170.11	228.65
51	7.03	59.60	114.01	170.33	228.74
52	7.44	60.00	114.35	170.57	228.84
53	7.89	60.45	114.73 .	170.84	228.95
54	8.40	60.95	115.15	171.14	229.08
55	8.97	61.50	115.62	171.48	229.23
56	9.61	62.11	116.15	171.87	229.41
57	10.31	62.79	116.75	172.31	229.62
58	11.08	63.55	117.42	172.80	229.84
59	11.94	64.40	118.17	173.35	230.16
60	12.90	65.34	119.00	173.97	230.48

AMER.

EXP.

-----

## **MEAN RESERVES**

### 15 Year Endowment

### FULL PRELIMINARY TERM

		Y	EARS.		
Age	6	7	8	- 9	10
20 21 22. 23 24	289.61 289.58 289.55 289.52 289.49	354.29 354.25 354.21 354.17 354.13	421.74 421.70 421.65 421.60 421.54	492.09 492.04 491.98 491.92 491.86	565.47 565.41 565.35 565.29 565.22
25 26 27 28 29	289.46 289.43 289.40 289.36 289.33	354.09 354.04 353.99 353.94 353.89	421.48 421.42 421.36 421.30 421.24	491.79 491.72 491.65 491.57 491.49	565.14 565.06 564.98 564.89 564.89
30 31 32 33 34	289.30 289.27 289.24 289.21 289.18	353.84 353.79 353.74 353.69 353.63	421.17 421.10 421.02 420.94 420.86	491.41 491.32 491.22 491.12 491.12 491.01	564.71 564.60 564.49 564.37 564.24
35 36 37 38 39	289.15 289.13 289.12 289.11 289.11 289.12	353.57 353.52 353.48 353.45 353.45	420.78 420.70 420.62 420.55 420.49	490.90 490.79 490.68 490.57 490.46	564.11 563.97 563.82 563.67 563.52
40 41 42 43 44	289.16 289.22 289.29 289.37 289.44	353.42 353.43 353.44 353.45 353.45	420.44 420.39 420.33 420.25 420.14	490.35 490.23 490.10 489.92 489.73	563.36 563.18 562.97 562.71 562.40
45 46 47 48 49	289.50 289.54 289.55 289.53 289.49	353.39 353.31 353.19 353.03 352.84	419.98 419.77 419.51 419.20 . 418.84	489.46 489.12 488.72 488.26 487.74	562.03 561.59 561.08 560.49 559.82
50 51 52 53 54	289.43 289.35 289.26 289.17 289.08	352.62 352.37 352.09 351.78 351.42	418.43 417.97 417.46 416.91 416.31	487.15 486.50 485.78 484.99 484.12	559.07 558.24 557.33 556.33 555.23
55 56 57 58 59	288.99 288.91 288.84 288.77 288.75	351.06 350.68 350.27 349.85 349.44	415.66 414.96 414.21 413.40 412.55	483.17 482.14 481.03 479.83 478.52	554.02 552.70 551.26 549.69 547.97
60	288.72	348.98	411.62	477.09	546.09

### 128

#### AMER. EXP.

## **MEAN RESERVES**

31/2%

### 15 Year Endowment

### FULL PRELIMINARY TERM

			TIDC		
Acro	11	Y 12	EARS. 13	14	15
Age 20 21 22 23 24	642.03 641.97 641.90 641.83 641.76	721.90 721.84 721.78 721.72 721.66	805.26 805.21 805.16 805.10 805.04	892.26 892.23 892.20 892.17 892.13	983.10 983.10 983.10 983.10 • 983.10
25	641.68	721.59	804.98	892.09	983.10
26	641.60	721.52	804.92	892.05	983.10
27	641.52	721.43	804.85	892.01	983.10
28	641.43	721.33	804.78	891.96	983.10
29	641.33	721.23	804.70	891.91	983.10
30	641.22	721.13	804.61	891.85	983.10
31	641.10	721.02	804.51	891.79	983.10
32	640.98	720.90	804.40	891.72	983.10
33	640.85	720.77	804.29	891.65	983.10
34	640.71	720.63	804.17	891.57	983.10
35	640.56	720.48	804.03	891.49	983.10
36	640.41	720.32	803.88	891.40	983.10
37	640.24	720.15	803.71	891.29	983.10
38	640.06	719.96	803.52	891.17	983.10
39	639.88	719.75	803.32	891.03	983.10
40	639.68	719.51	803.11	890.87	983.10
41	639.44	719.24	802.87	890.69	983.10
42	639.16	718.93	802.58	890.49	983.10
43	638.83	718.57	802.26	890.27	983.10
44	638.45	718.15	801.89	890.02	983.10
45	638.00	717.67	801.45	889.73	983.10
46	637.48	717.12	800.94	889.40	983.10
47	636.88	716.49	800.36	889.03	983.10
48	636.20	715.78	799.71	888.61	983.10
49	635.43	714.98	798.99	888.12	983.10
50	634.57	714.09	798.19	887.58	983.10
51	633.62	713.10	797.30	886.99	983.10
52	632.56	712.01	796.31	886.35	983.10
53	631.43	710.81	795.22	885.64	983.10
54	630.15	709.48	794.02	884.84	983.10
55 56 57 58 59 <b>60</b>	628.75 627.22 625.54 623.70 621.68 619.45	708.01 706.39 704.61 702.65 700.49 698.10	792.69 791.22 789.60 787.81 785.82 783.60	883.95 882.96 881.87 880.67 879.34 877.86	983.10 983.10 983.10 983.10 983.10 983.10 983.10

### 10 Year Endowment

#### FULL PRELIMINARY TERM

		YEA	ARS.		
Age	I	2	3	- 4	5
20	- 3.77	95.19	190.51	289.91	393.57
21	3.80	95.19	190.50	289.89	393.54
22	3.82	95.20	190.49	289.87	393.51
23	3.85	95.21	190.48	289.85	393.48
24	3.87	95.22	190.47	289.83	393.45
25	3.90	95.23	190.46	289.80	393.41
26	3.93	95.24	190.45	289.77	393.37
27 28	3.96 4.00	95.25 95.26	190.44 190.43	289.74 289.71	393.33 393.28
28	4.03	95.20 95.27	190.42	289.68	393.23
30	4.07	95.28	190.41	289.65	393.18
31 32	4.11 4.16	95.29 95.31	190.40 190.39	289.61 289.57	393.12 393.06
32	4.10	95.31	190.39	289.53	393.00
34 -	4.27	95.35	190.37	289.49	392.93
					000.06
35 36	4.32 4.39	95.38 95.41	190.36 190.35	289.45 289.40	392.86 392.78
37	4.46	95.44 95.44	190.33	289.35	392.78
38	. 4.55	95.47	190.31	289.30	392.59
39	4.63	95.51	190.30	289.24	392.49
40	4.73	95.56	190.30	289.18	392.39
41	4.84	95.61	190.30	289.12	392.28
42	4.95	95.67	_ 190.31	289.06	392.17
43 44	5.08	95.75	190.32	289.00	392.05
<del>44</del> ,	5.23	95.84	190.33	288.94	391.91
45	5.39	95.94	190.35	288.87	391.74
46	5.59	96.05	190.37	288.78	391.54
47 48	5.80 6.04	96.17 96.30	190.38 190.37	288.66 288.51	391.30 391.02
49	6.33	96.44	190.37	288.33	390.69
50	6.66	96.60	190.34	288.13	390.31
51 52	7.03 7.44	96.78 96.98	190.31 190.28	287.90 287.63	389.88 389.40
53	7.89	97.20	190.28	287.34	389.40
54	8.40	97.44	190.20	287.00	388.29
55	8.97	97.71	190.16	286.64	387.65
56	9.61	98.01	190.10	286.25	386.94
57	10.31	98.35	190.07	285.82	386.16
58	11.08	98.73	190.02	285.35	385.30
59	11.94	99.16	189.97	284.84	384.35
60	12.90	99.64	189.92	284.29	383.31

### MEAN RESERVES



#### 10 Year Endowment

### FULL PRELIMINARY TERM

		YEA	ARS.		
Age	6	7	8	9	10
20	501.71	614.50	732.17	854.96	983.10
21	501.67	614.46	732.14	854.94	983.10
22	501.63	614.42	732.11	854.92	983.10
23	501.59	614.38	732.08	854.90	983.10
24	501.55	614.34	732.04	854.87	983.10
25 26 27 28 29	501.50 501.45 501.40 501.34 501.28	614.29 614.23 614.17 614.11 614.05	731.99 731.94 731.89 731.83 731.77	854.84 854.81 854.78 854.74 854.70	983.10 983.10 983.10 983.10 983.10 983.10
30	501.21	613.98	731.71	854.66	983.19
31	501.14	613.90	731.64	854.62	983.10
32	501.07	613.82	731.57	854.57	983.10
33	500.99	613.73	731.49	854.51	983.10
34	500.90	613.64	731.40	854.45	983.10
35	500.81	613.54	731.30	854.38	983.10
36	500.71	613.43	731.19	854.31	983.10
37	500.60	613.31	731.07	854.23	983.10
38	500.47	613.15	730.94	854.14	983.10
39	500.33	613.00	730.80	854.04	983.10
40	500.19	612.86	730.65	853.93	983.10
41	500.04	612.68	730.48	853.81	983.10
42	499.87	612.48	730.29	853.68	983.10
43	499.68	612.26	730.07	853.53	983.10
44	499.49	612.01	729.82	853.36	983.10
45	499.24	611.72	729.53	853.16	983.10
46	498.96	611.38	729.20	852.93	983.10
47	498.60	610.98	728.82	852.67	983.10
48	498.22	610.52	728.38	852.37	983.10
49	497.78	610.00	727.88	852.03	983.10
50	497.27	609.42	727.32	851.65	983.10
51	496.69	608.77	726.70	851.23	983.10
52	496.04	608.04	726.01	850.76	983.10
53	495.32	607.23	725.25	850.23	983.10
54	494.53	606.33	724.41	849.64	983.10
55	493.66	605.34	723.47	848.99	983.10
56	492.70	604.24	722.42	848.27	983.10
57	491.64	603.02	721.25	847.47	983.10
58	490.47	601.67	719.96	846.58	983.10
59	489.18	600.19	718.54	845.59	983.10
60	487.77	598.57	716.98	844.50	983.10

### 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS.		
Age	I	2	3	4	5
20	73.92	71.56	69.10	66.53	63.86
21	74.90	72.54	70.07	67.50	64.82
22	75.96	73.59	71.12	68.55	65.86
23	77.12	74.75	72.28	69.71	67.01
24	78.39	76.03	73.56	70.97	68.27
25	79.80	77.44	74.96	72.37	69.66
26	81.34	78.98	76.51	73.92	71.20
27	83.06	80.71	78.23	75.64	72.91
28	84.97	82.63	80.15	77.56	74.83
29	87.11	84.77	82.31	79.71	76.98
30	89.52	87.19	84.74	82.15	79.40
31	92.23	89.92	87.47	84.88	82.14
32	95.29	93.00	90.56	87.99	85.25
33 -	98.73	96.47	94.05	91.49	88.76
34	102.60	100.36	97.97	95.42	92.69
35	106.93	104.73	102.37	99.84	97.11
36	111.78	109.62	107.28	104.78	102.07
37	117.20	115.08	112.78	110.30	107.61
38	123.22	121.16	118.91	116.46	113.80
39	129.91	127.91	125.71	123.31	120.68
40	137.33	135.40	133.27	130.92	128.31
41	145.53	143.68	141.62	139.32	136.75
42	154.58	152.82	150.84	148.60	146.06
43	164.53	162.87	160.97	158.79	156.29
44	175.44	173.89	172.08	169.97	167.50
45	187.37	185.94	184.22	182.17	179.73
46	200.39	199.08	197.46	195.48	193.06
47	214.55	213.38	211.86	209.94	207.54
48	229.90	228.87	227.46	225.60	223.24
49	246.50	245.61	244.31	242.54	240.22
50	264.38	263.65	262.48	260.80	258.53
51	283.56	283.01	281.98	280.41	278.20
52	304.05	303.68	302.81	301.35	299.22
53	325.76	325.60	324.90	323.58	321.53
54	348.61	348.67	348.16	346.99	345.05
55	372.49	372.77	372.46	371.46	369.65
56 <sup>°</sup>	397.29	397.82	397.74	396.92	395.25
57	422.91	423.72	423.87	423.25	421.74
58	449.31	450.40	450.80	450.41	449.08
59	476.43	477.82	478.50	478.36	477.25
60	504.19	505.91	506.90	507.04	506.20

## **MEAN RESERVES**

31/2%

20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS.		
Age	6	7	8	9	10
20	$\begin{array}{c} 61.07 \\ 62.02 \\ 63.05 \\ 64.19 \\ 65.43 \\ 66.82 \end{array}$	58.16	55.12	51.95	48.62
21		59.10	56.04	52.84	49.49
22		60.11	57.04	53.81	50.44
23		61.23	58.14	54.89	51.49
24		62.46	59.35	56.08	52.63
25		63.83	60.69	57.39	53.91
26	68.34	65.34	62.18	58.85	55.33
27	70.05	67.03	63.84	60.48	56.92
28	71.95	68.91	65.70	62.30	58.71
29	74.08	71.03	67.79	64.36	60.71
30	76.51	73.43	70.17	66.70	62.99
31	79.24	76.15	72.86	69.34	65.58
32	82.34	79.23	75.91	72.35	68.53
33	85.84	82.71	79.35	75.75	71.88
34	89.77	86.62	83.24	79.59	75.66
35	94.18	91.03	87.62	83.93	79.92
36	99.14	95.97	92.54	88.80	84.71
37	104.69	101.52	98.05	94.25	90.08
38	110.89	107.70	104.20	100.33	96.05
39	117.78	114.58	111.03	107.08	102.68
40	125.42	122.20	118.60	· 114.57	110.01
41	133.87	130.63	126.97	122.81	118.08
42	143.18	139.91	136.17	131.87	126.95
43	153.42	150.09	146.25	141.81	136.67
44	164.61	161.23	157.28	152.67	147.31
45	176.82	173.37	169.31	164.53	158.92
46	190.13	186.62	182.43	177.47	171.61
47	204.60	201.02	196.71	191.55	185.42
48	220.28	216.64	212.20	206.85	200.43
49	237.26	233.55	228.99	223.43	216.73
50	255.57	251.80	247.12	241.36	234.37
51	275.25	271.43	266.63	260.68	253.39
52	296.29	292.45	287.54	281.40	273.81
53	318.65	314.79	309.78	303.45	295.56
54	342.23	338.35	333.26	326.75	318.58
55	366.90	363.03	357.87	351.20	342.76
56	392.58	388.74	383.53	376.72	368.01
57	419.18	415.38	410.15	403.21	394.25
58	446.66	442.95	437.72	430.68	421.51
59	475.01	471.41	466.22	459.13	449.79
60	504.16	500.73	495.63	488.56	479.13

### 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	EARS.	2521	
Age	II	12	13	14	15
20	45.14	41.50	37.68	33.66	29.44
21	45.98	42.30	38.43	34.36	30.07
22	46.89	43.17	39.24	35.12	30.76
23	47.90	44.13	40.15	35.96	31.53
24	49.00	45.19	41.15	36.89	32.37
25	50.24	46.37	42.27	37.93	33.31
26	51.62	47.68	43.51	39.08	34.36
27	53.15	49.15	44.90	40.37	35.53
28	54.88	50.81	46.46	41.83	36.87
29	56.82	52.67	48.23	43.49	38.39
30	59.04	54.80	50.27	45.40	40.15
31	61.55		52.59		
32 🚽	64.43	57.23 60.02	55.25	47.58 50.09	42.16 44.48
33	67.70	63.18	58.28	52.94	47.11
34	71.39	66.75	61.70	56.16	50.07
35	75.56	70.78	65.55	59.78	53.39
36	. 80.23	75.31	69.86	63.82	57.08
37	85.47	80.36	74.68	68.32	61.19
38	91.29	85.98	80.01	73.30	65.73
39	97.74	92.18	85.89	78.79	70.75
40 °	104.86	99.02	92.38	84.86	76.29
41	112.69	106.55	- 99.54	91.54	82.40
42	121.30	114.83	107.40	98.89	89.12
43 ·	130.75	123.91	116.04	106.97	96.52
44	141.08	133.86	125.50	115.82	104.64
45	152.38	144.74	125.85	125.52	113.54
46	164.71	156.63	147.19	136.16	123.31
47	178.16	169.62	159.57	147.80	134.02
48	192.80	183.76	173.09	160.51	145.73
49	208.71	199.15	187.80	174.37	158.53
50	225.94	215.83	203.78	189.46	172.50
51	244.54	233.87	221.10 .	205.85	187.69
52	264.53	253.30	239.78	223.55	204.12
53	285.87	274.06	259.76	242.50	221.74
54	308.47	296.07	280.96	262.64	240.49
55	332.23	319.22	303.29	283.86	260.25
56	357.06	343.46	326.69	306.13	281.00
57	382.91	368.71	351.10	329.40	302.74
58	409.79	395.03	376.61	353.77	325.63
59	437.76	422.49	403.32	379.46	349.95
60	466.86	451.17	431.39	406.68	375.99

## **MEAN RESERVES**



20 Year Mortuary Additions

### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YEA	ARS.		
Age	16	17	18	19	20
20	25.00	20.32	15.39	$10.17 \\ 10.41 \\ 10.66 \\ 10.95 \\ 11.26 \\ 11.63$	4.63
21	25.56	20.79	15.75		4.73
22	26.17	21.30	16.14		4.84
23	26.84	21.86	16.57		4.96
24	27.58	22.48	17.05		5.08
25	28.40	23.17	17.59		5.23
26	29.32	23.95	18.20	12.03	5.40
27	30.37	24.84	18.90	12.50	5.59
28	31.56	25.85	19.69	13.03	5.80
29	32.91	27.00	20.60	13.64	6.04
30	34.49	28.34	21.66	14.35	6.34
31	36.28	29.88	22.87	15.16	6.66
32	38.35	31.65	24.26	16.09	7.03
33	40.70	33.64	25.82	17.12	7.44
34	43.34	.35.87	27.55	18.27	7.89
35	46.28	38.35	29.48	19.55	8.40
36	49.55	41.11	31.63	20.98	8.97
37	53.18	44.18	34.02	22.56	9.61
38	57.21	47.58	36.67	24.32	10.31
39	61.65	51.32	39.59	26.25	11.08
40	66.56	55.46	42.82	28.41	11.95
41	71.96	60.03	46.39	30.79	12.90
42	77.92	65.08	50.35	33.42	13.95
43	84.49	70.65	54.71	36.33	15.12
44	91.71	76.78	59.51	39.53	16.40
45	99.64	83.50	64.79	43.06	17.82
46	109.35	90.91	70.62	46.98	19.39
47	117.90	99.06	77.05	51.30	21.12
48	128.38	108.03	84.14	56.06	23.02
49	139.86	117.86	91.92	61.31	25.12
50	152.41	128.63	100.47	67.08	27.42
51	166.08	.140.39	109.82	73.41	29.95
52	180.90	153.15	119.99	80.30	32.69
53	196.81	166.88	130.92	· 87.68	35.62
54	213.75	181.48	142.54	95.53	38.73
55	231.61	196.88	154.81	103.84	42.05
56	250.38	213.11	167.82	112.74	45.59
57	270.12	230.30	181.72	122.34	49.43
58	291.08	248.74	196.82	132.89	53.65
59	313.59	268.79	213.44	144.66	58.37
60	337.97	290.78	231.90	157.84	63.64

### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS.		
Age	I	2	3	4	5
20	55.59	52.83	49.96	46.97	43.87
21	56.16	53.39	50.50	47.50	44.38
22	56.77	53.99	51.10	48.08	44.94
23	57.45	54.66	51.75	48.72	45.55
24	58.19	55.39	52.46	49.41	46.23
25	58.99	56.18	53.24	50.17	46.96
26	59.88	57.05	54.10	51.01	47.77
27	60.84	58.00	55.03	51.92	48.66
28	61.90	59.05	56.06	52.93	49.65
29	63.06	60.20	57.19	54.04	50.72
30	64.35	61.47	58.45	55.27	51.91
31	65.78	62.89	59.84	56.63	53.24
32	67.36	64.45	61.38	58.15	54.73
33	69.14	66.21	63.12	59.86	56.41
34	71.13	68.19	65.08	61.79	58.28
35	73.39	70.44	67.31	63.98	60.43
36	75.94	72.98	69.82	66.45	62.86
37	78.84	75.86	72.68	69.28	65.63
38	82.10	79.11	75.91	72.47	68.77
39	85.78	82.78	79.55	76.07	72.32
40	89.91	86.90	83.65	80.14	76.32
41	94.54	91.52	88.25	84.70	80.81
42	99.72	96.70	93.40	89.80	85.83
43	105.49	102.46	99.14	95.47	91.42
44	111.89	108.86	105.50	101.77	97.61
45	118.99	115.95	112.54	108.74	104.45
46	126.83	123.77	120.32	116.42	111.97
47	135.47	132.40	128.88	124.86	120.25
48	144.97	141.87	138.27	134.13	129.33
49	155.38	152.23	148.56	144.27	139.29
50	166.75	163.57	159.80	155.38	150.17
51	179.19	175.96	172.10	167.52	162.09
52	192.74	189.47	185.51	180.76	175.09
53	207.48	204.16	200.10	195.17	189.25
54	223.46	220.11	215.94	210.84	204.66
55	240.76	237.36	233.08	227.81	221.37
56	259,39	255.96	251.59	246.15	239.43
57	279,39	275.94	271.48	265.85	258.86
58	300,69	297.22	292.68	286.88	279.62
59	323,20	319.74	315.11	309.15	301.62
60	346,84	343.38	338.69	332.58	324.78

## **MEAN RESERVES**



**15 Year Mortuary Additions** 

#### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS.		
Age	6	7	8	9	10
20	40.63	37.26	33.75	30.08	26.25
21	41.12	37.73	34.18	30.48	26.61
22	41.66	38.24	34.66	30.92	27.01
23	42.25	38.80	35.19	31.41	27.45
24	42.90	39.41	35.77	31.95	27.94
25	43.60	40.09	36.41	32.54	28.48
26	44.39	40.84	37.11	33.19	29.07
27	45.25	41.66	37.88	33.91	29.73
28	46.19	42.56	38.74	34.71	30.45
29	47.23	43.55	39.68	35.58	31.24
30	48.39	44.66	40.73	36.56	32.13
31	49.68	45.90	41.89	37.64	33.12
32	51.12	47.28	43.20	38.86	34.23
33	52.74	48.83	44.67	40.23	35.49
34	54.56	50.58	46.34	41.80	36.93
35	56.64	52.59	48.26	43.61	38.60
36	59.01	54.88	50.45	45.67	40.51
37	61.72	57.51	52.96	48.04	42.70
38	64.79	60.49	55.82	50.74	45.18
39	68.26	63.85	59.04	53.77	47.98
40	72.17	67.64	62.67	57.19	51.12
41	76.56	71.89	66.73	61.00	54.61
42	81.47	76.63	71.25	65.23	58.48
43	86.92	81.89	76.25	69.90	62.76
44	92.95	87.69	81.76	75.06	67.48
45	99.59	94.09	87.85	80.76	72.69
46	106.91	101.14	94.55	87.03	78.44
47	114.96	108.89	101.93	93.94	84.77
48	123.80	117.41	110.04	101.54	91.74
49	133.48	126.75	118.93	109.88	99.40
50	144.09	136.97	128.68	119.03	107.82
51	155.70	148.18	139.38	129.08	117.06
52	168.37	160.43	151.08	140.09	127.20
53	182.19	173.80	163.86	• 152.13	138.31
54	197.24	188.37	177.81	165.28	150.47
55	213.58	204.20	192.98	179.62	163.76
56	231.25	221.35	209.45	195.22	178.22
57	250.28	239.85	227.25	212.09	193.89
58	270.64	259.67	246.32	230.18	210.73
59	292.25	280.70	266.59	249.43	228.64
60	315.01	302.88	287.97	269.75	247.56

### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	EARS.	122 1	
Age	II	12	13	14	15
20	22.25	18.06	$13.68 \\ 13.89 \\ 14.11 \\ 14.36 \\ 14.65 \\ 14.96$	9.09	4.27
21	22.56	18.33		9.22	4.32
22	22.92	18.62		9.37	4.39
23	23.30	18.94		9.54	4.46
24	23.73	19.31		9.74	4.55
25	24.20	19.71		9.95	4.63
26	24.73	20.15	15.31	10.18	4.73
27	25.31	20.64	15.68	10.43	4.84
28	25.95	21.17	16.10	10.70	4.96
29	26.64	21.75	16.55	11.00	5.08
30	27.42	22.41	17.06	11.35	5.23
31	28.29	23.15	17.65	11.75	5.40
32 -	29.28	23.99	18.31	12.20	5.59
33	30.41	24.95	19.07	12.71	5.80
34	31.70	26.05	19.94	13.29	6.04
35	33.19	27.33	20.95	13.99	6.34
36	34.90	28.79	22.11	14.77	6.66
37	36.87	30.48	23.44	15.66	7.03
38	39.09	32.38	24.93	16.66	7.44
39	41.59	34.49	26.58	17.76	7.89
40	44.37	36.84	28.42	18.99	8.40
41	47.46	39.46	30.47	20.37	8.97
42	50.90	42.37	32.75	21.89	9.61
43	54.69	45.58	35.27	23.58	10.31
44	58.88	49.13	38.04	25.44	11.08
45	63.51	53.05	41.12	27.50	11.95
46	68.62	57.38	44.52	29.79	12.90
47	74.24	62.16	48.28	32.32	13.95
48	80.45	• 67.44	52.44	35.12	15.12
49	87.28	73.25	57.01	38.20	16.40
50	94.78	79.64	62.04	41.59	17.82
51	103.04	86.68	67.61	45.37	19.39
52	112.10	94.43	73.76	49.53	21.12
53	122.06	102.97	80.52	54.12	23.02
54	132.98	112.34	87.97	59.19	25.12
55	144.93	122.61	96.16	64.75	27.42
56	157.97	133.85	105.11	70.86	29.95
57	172.11	146.05	114.86	77.51	32.69
58	187.32	159.18	125.35	84.64	35.62
59	203.51	173.15	136.48	92.21	38.73
60	220.61	187.90	148.25	100.24	42.05



#### **10 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YEA	ARS.		
Age	<b>1</b>	<b>2</b>	<b>3</b>	4	<b>5</b>
20	37.38	34.23	30.95	27.55	24.01
21	37.69	34.53	31.23	27.80	24.24
22	38.02	34.84	31.52	28.08	24.49
23	38.38	35.17	31.84	28.37	24.75
24	38.77	35.55	32.19	28.69	25.04
25	39.20	35.95	32.57	29.04	25.36
26	39.64	36.38	32.97	29.41	25.69
27	40.14	36.85	33.41	29.82	26.07
28	40.68	37.36	33.89	30.27	26.48
29	41.27	37.93	34.43	30.77	26.93
30	41.93	38.56	35.02	31.32	27.42
31	42.65	39.25	35.67	31.92	27.98
32	43.43	39.99	36.38	32.58	28.58
33	44.29	40.82	37.17	33.32	29.25
34	45.24	41.73	38.03	34.12	29.98
35	46.31	42.75	38.99	35.02	30.80
36	47.48	43.88	40.06	36.02	31.71
37	48.79	45.14	41.26	37.14	32.74
38	50.27	46.56	42.61	38.40	33.91
39	51.94	48.17	44.15	39.85	35.24
40	53.84	50.01	45.91	41.52	36.78
41	56.02	52.12	47.93	43.43	38.55
42	58.49	54.53	50.24	45.61	40.58
43	61.30	57.25	52.86	48.09	42.87
44	64.46	60.32	55.80	50.87	45.45
45	68.01	63.77	59.11	53.99	48.32
46	71.98	67.62	62.81	57.47	51.51
47	76.42	71.92	66.92	61.33	55.06
48	81.34	76.68	71.46	65.59	58.98
49	86.78	81.94	76.48	70.30	63.30
50	92.80	87.75	82.02	75.51	68.09
51	99.44	94.17	88.15	81.26	73.38
52	106.76	101.24	94.90	87.60	79.21
53	114.82	109.03	102.33	94.59	85.63
54	123.66	117.58	110.49	102.26	92.70
55	133.36	126.95	119.45	110.69	100.47
56	143.99	137.24	129.29	119.96	109.03
57	155.62	148.50	140.07	130.12	118.41
58	168.33	160.82	151.87	141.25	128.70
59	182.19	174.25	164.75	153.43	139.98
60	197.25	188.87	178.79	166.72	152.32

#### **10 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS	=	
Age	6	7	8	9	10
20	20.34	16.51	12.52	8.36	4.03
21	20.54	16.67	12.65	8.46	4.07
22	20.75	16.85	12.79	8.55	4 11
23	20.98	17.04	12.94	8.65	4.16
24	21.24	17.26	13.11	8.77	4.22
25	21.51	17.50	13.29	8.89	4.27
26	21.81	17.75	13.48	9.01	4.33
27	22.14	18.02	13.70	9.16	4.39
28	22.50	18.32	13.93	9.32	4.46
29	22.89	18.66	14.20	9.51	4.55
30	23.34	19.03	14.50	9.71	4.63
31	23.83	19.45	14.83	9.93	4.73
32	24.37	19.90	15.18	10.16	4.84
33	24.95	20.40	15.56	10.42	4.96
34	25.60	20.94	15.99	10.71	5.08
35	26.32	21.55	16.47	11.05	5.23
36	27.13	22.24	17.00	11.42	5.40
37	28.05	23.03	17.64	11.85	5.59
38	29.10	23.93	18.36	12.34	5.80
39	30.29	24.95	19.17	12.89	6.04
40	31.68	26.14	20.12	13.55	6.34
41	33.27	27.51	21.22	14.30	6.66
42	35.09	29.08	22.47	15.15	7.03
43	37.15	30.85	23.86	16.09	7.44
44	39.46	32.80	25.40	17.14	7.89
45	42.02	34.98	27.12	18.30	8.40
46	44.86	37.40	29.03	19.60	8.97
47	48.02	40.09	31.15	21.05	9.61
48	51.51	43.07	33.50	22.64	10.31
49	55.37	46.35	36.09	24.40	11.08
50	59.64	49.98	38.96	26.36	11.95
51	64.35	54.00	42.14	28.53	12.90
52	69.55	58.44	45.66	30.93	13.95
53	75.30	63.35	49.55	33.59	15.12
54	81.62	68.75	53.83	36.51	16.40
55	88.57	74.70	58.55	39.73	17.82
56	96.23	81.26	63.77	43.32	19.39
57	104.64	88.49	69.53	47.27	21.12
58	113.90	96.45	75.88	51.63	23.02
59	124.06	105.20	82.87	56.45	25.12
60	135.18	114.79	90.56	61.73	27.42

## MEAN RESERVES

# 31/2%

#### 5 Year Term

### (LEVEL PREMIUM RESERVES)

		YE	ARS		
Age	I	2	3	4	5
20	3.87	3.94	3.97	3.95	3.87
21	3.90	3.97	4.00	3.98	3.90
22	3.92	4.00	4.03	4.02	3.93
23	3.95	4.04	4.07	4.05	3.96
24	3.98	4.07	4.11	4.09	3.99
25	4.03	4.13	4.16	4.14	4.03
26	4.06	4.17	4.22	4.19	4.07
27	4.11	4.22	4.27	4.23	4.11
28	4.15	4.28	4.32	4.29	4.16
29	4.20	4.34	4.39	4.35	4.21
30	4.25	4.40	4.46	4.42	4.26
31	4.31	4.47	4.54	4.49	4.32
32	4.38	4.55	4.61	4.57	4.39
33	4.44	4.62	4.70	4.66	4.46
34	4.52	4.73	4.82	4.76	4.54
35	4.61	4.84	4.94	4.88	4.63
36	4.71	4.96	5.07	5.00	4.74
37	4.82	5.09	5.21	5.14	4.84
38	4.92	5.23	5.36	5.28	4.95
39	5.05	5.38	5.52	5.43	5.08
40	5.19	5.56	5.72	5.62	5.23
41	5.35	5.77	5.94	5.83	5.39
42	5.53	6.00	6.20	6.08	5.58
43	5.74	6.27	6.49	6.36	5.80
44	5.97	6.57	6.83	6.68	6.04
45	6.25	6.94	7.23	7.07	6.34
46	6.56	7.35	7.70	7.50	6.65
47	6.91	7.82	8.22	7.99	7.02
48	7.32	8.35	8.79	8.53	7.44
49	7.77	8.93	9.42	9.12	7.89
50	8.26	9.56	10.10	9.77	8.41
51	8.81	10.26	10.87	10.50	8.96
52	9.43	11.04	11.72	11.31	9.61
53	10.11	11.91	12.67	12.21	10.30
54	10.87	12.86	13.70	13.18	11.07
55	11.70	13.91	14.84	14.28	11.94
56	12.63.	15.08	16.11	15.48	12.90
57	13.65	16.36	17.51	16.82	13.95
58	14.78	17.79	19.07	18.30	15.11
59	16.02	19.35	20.76	19.91	16.40
60	17.39	21.06	22.62	21.69	17.81

### 10 Year Term

#### (LEVEL PREMIUM RESERVES)

		VF	ARS		
Age	I		3	.4	5
20	4.00	4.21	4.37	4.49	4.57
21	4.03	4.25	4.43	4.56	4.64
22	4.06	4.29	4.48	4.64	4.73
23	4.11	- 4.35	4.56	4.72	4.81
24	4.15	4.42	4.64	4.81	4.92
25	4.21	4.50	4.75	4.92	5.03
26	4.26	4.57	4.83	5.03	5.14
27	4.32	4.66	4.94	5.14	5.27
28	4.38	4.75	5.05	5.28	5.43
29	4.45	4.85	5.18	5.43	5.58
30	4.53	4.96	5.32	5.60	5.77
31	4.61	5.09	5.49	5.79	5.99
32	4.71	5.23	5.66	6.00	6.22
33 -	4.81	5.37	5.85	6.23	6.47
34	4.92	5.56	6.09	6.49	6.76
35	5.05	5.75	6.34	6.78	7.07
36	5.20	5.97	6.61	7.10	7.42
37	5.36	6.21	6.92	7.47	7.83
38	5.53	6.47	7.26	7.88	8.29
39	5.73	6.78	7.67	8.37	8.84
40	5.96	7.14	8.15	8.94	9.48
41	6.23	7.56	8.70	9.60	10.22
42	6.53	8.05	9.35	10.38	11.09
43	6.88	8.60	10.08	11.26	12.07
44	7.26	9.22	10.91	12.25	13.18
45	7.71	9.94	11.85	13.37	14.42
46	8.21	10.73	12.90	14.61	15.78
47	8.77	11.62	14.06	15.97	17.26
48	9.38	12.58	15.30	17.44	18.87
49	10.06	13.64	16.67	19.04	20.63
50	10.81	14.79	18.15	20.79	22.56
51	11.63	16.05	19.79	22.72	24.68
52	12.55	17.45	21.59	24.84	27.02
53	13.56	18.99	23.58	27.17	29.58
54	14.66	20.66	25.74	29.71	32.38
55	15.88	22.51	28.11	32.51	35.47
56	17.22	24.53	30.72	35.58	38.86
57	18.69	26.75	33.58	38.95	42.58
58	20.31	29.18	36.71	42.63	46.63
59	22.07	31.84	40.13	46.65	51.10
<b>60</b>	24.01	34.74	43.85	51.06	55.98

# 142

AMER. EXP.

## MEAN RESERVES

# 31/2%

### 10 Year Term

### (LEVEL PREMIUM RESERVES)

Age	6	YEA 7	8 8 8	9	10
20	4.59	4.56	4.46	4.28	4.02
21	4.67	4.64	4.53	4.35	4.07
22	4.76	4.72	4.61	4.40	4.11
23	4.84	4.80	4.68	4.47	4.16
24	4.96	4.91	4.78	4.55	4.21
25	5.07	5.02	4.88	4.64	4.27
26	5.18	5.14	4.99	4.72	4.32
27	5.33	5.28	5.10	4.81	4.39
28	5.48	5.41	5.24	4.93	4.46
29	5.64	5.59	5.40	5.06	4.54
30	5.84	5.78	5.57	5.19	4.62
31	6.06	6.00	5.77	5.35	4.73
32	6.31	6.24	5.98	5.52	4.84
33	6.57	6.49	6.21	5.71	4.95
34	6.86	6.77	6.47	5.91	5.08
35	7.18	7.08	6.75	6.15	5.23
36	7.55	7.45	7.09	6.42	5.39
37	7.97	7.87	7.47	6.73	5.58
38	8.46	8.36	7.92	7.09	5.80
39	9.03	8.92	8.43	7.50	6.04
40	9.71	9.59	9.05	8.00	6.33
41	10.50	10.37	9.75	8.55	6.65
42	11.41	11.28	10.57	9.19	7.02
43	12.45	12.29	11.48	9.90	7.43
44	13.60	13.40	12.47	10.67	7.88
45	14.88	14.64	13.57	11.55	8.40
46	16.28	15.99	14.78	12.50	8.97
47	17.81	17.48	16.12	13.57	9.61
48	19.47	19.10	17.59	14.73	10.30
49	21.30	20.88	19.19	16.00	11.08
50	23.31	22.84	20.95	17.41	11.94
51	25.51	24.99	22.90	18.97	12.90
52	27.93	27.36	25.06	20.71	13.95
53	30.60	29.98	27.42	22.60	15.11
54	33.52	32.84	30.02	24.69	16.40
55	36.74	36.00	32.89	26.99	17.81
56	40.26	39.45	36.04	29.55	19.39
57	44.14	43.27	39.53	32.36	21.11
58	48.39	47.47	43.37	35.46	23.02
59	53.07	52.09	47.59	38.88	25.12
60	58.18	57.14	52.21	42.62	27.42

31/2%

#### AMER. EXP.

## MEAN RESERVES

### 20 Year Term

(LEVEL PREMIUM RESERVES)

		YE.	ARS		
Age	I	2	3	4	5
20	4.33	4.89	5.42	5.92	6.40
21	4.39	4.98	5.56	6.10	6.61
22	4.46	5.09	5.71	6.31	6.87
23	4.54	5.23	5.90	6.54	7.15
24	4.62	5.37	6.10	6.80	7.46
25	4.72	5.54	6.34	7.09	7.81
26	4.82	5.71	6.58	7.41	8.19
27	4.93	5.91	6.86	7.76	8.63
28	5.06	6.13	7.17	8.17	9.13
29	5.20	6.38	7.52	8.63	9.68
30	5.36	6.66	7.92	9.15	10.31
31	5.54	6.98	8.39	9.74	11.04
32	5.74	7.34	8.90	10.42	11.87
33-	5.96	7.74	9.48	11.18	12.80
34	6.22	8.21	10.16	12.06	13.87
35	6.52	8.75	10.93	13.05	15.08
36	6.85	9.34	11.78	14.15	16.44
37	7.21	10.00	12.73	15.39	17.97
38	7.62	10.74	13.81	16.81	19.71
39	8.07	11.57	15.01	18.38	21.66
40	8.58	12.50	16.37	20.16	23.83
41	9.15	13.55	17.89	22.14	26.26
42	9.78	14.71	19.58	24.34	28.96
43	10.49	16.00	21.44	26.77	31.93
44	11.27	17.42	23.49	29.44	35.20
45	12.13	18.98	25.74	32.36	38.75
46	13.08	20.70	28.21	35.53	42.59
47	14.10	22.56	30.87	38.96	46.74
48	15.23	24.57	33.73	42.65	51.21
49	16.45	26.74	36.82	46.61	56.03
50	17.78	29.07	40.14	50.89	61.24
51	19.21	31.58	43.71	55.50	66.82
52	20.76	34.31	47.57	60.44	72.82
53	22.43	37.21	51.67	65.71	79.20
54	24.22	40.30	56.03	71.29	85.97
55	26.12	43.56	60.62	77.18	93.12
56	28.14	47.01	65.46	83.37	100.60
57	30.29	50.65	70.54	89.85	108.42
58	32.57	54.47	75.86	96.61	116.56
59	34.97	58.45	81.39	103.64	125.03
60	37.52	62.63	87.16	110.95	133.82

### 20 Year Term

#### (LEVEL PREMIUM RESERVES)

YEARS							
Age	6	7	8	9	10		
20	6.83	7.22	7.53	7.82	8.11		
21 ·	7.09	7.52	7.90	8.22	8.48		
22	7.39	7.86	8.27	8.62	8.90		
23	7.71	8.22	8.68	9.07	9.38		
24	8.08	8.63	9.13	9.56	9.90		
25	8.48	9.09	9.64	10.11	10.49		
26	8.93	9.61	10.21	10.73	11.15		
27	9.44	10.18	10.84	11.42	11.90		
28	10.02	10.83	11.57	12.22	12.75		
29	10.66	11.57	12.40	13.12	13.71		
30	11.41	12.43	13.35	14.15	14.80		
31	12.26	13.40	14.43	15.32	16.07		
32	13.25	14.52	15.67	16.68	17.53		
33	14.34	15.77	17.07	18.22	19.19		
34	15.59	17.20	18.67	19.98	21.10		
35	17.02	18.83	20.50	21.99	23.27		
36	18.62	20.68	22.57	24.27	25.72		
37	20.43	22.76	24.90	26.83	28.48		
38	22.49	25.11	27.54	29.72	31.59		
39	24.79	27.74	30.48	32.92	35.04		
40	27.36	30.69	33.76	36.52	38.86		
41	30.22	33.96	37.40	40.47	43.06		
42	33.39	37.57	41.40	44.80	47.67		
43	36.88	41.52	45.77	49.53	52.69		
44	40.69	45.83	50.53	54.68	58.17		
45	44.83	50.51	55.68	60.26	64.12		
46	49.30	55.56	61.28	66.34	70.59		
47	54.13	61.04	67.34	72.91	77.59		
48	59.35	66.95	73.88	80.01	85.17		
49	64.98	73.33	80.95	87.69	93.39		
50	71.05	80.22	88.58	95.99	102.27		
51	77.57	87.61	96.79	104.94	111.84		
52	84.57	95.56	105.62	114.55	122.14		
53	92.03	104.03	115.02	124.79	133.11		
54	99.93	113.00	124.96	135.63	144.74		
55	108.26	122.44	135.44	147.05	156.99		
56	116.98	132.32	146.41	159.00	169.79		
57	126.07	142.62	157.84	171.45	183.12		
58	135.54	153.34	169.72	184.37	196.95		
59	145.38	164.47	182.03	197.76	211.29		
60	155.58	175.98	194.77	211.62	226.13		

AMER.

EXP.

20 Year Term

(LEVEL PREMIUM RESERVES)

		YI	EARS	12:00	
Age	11	12	13	14	15
20	8.27	8.35	8.35	8.25	8.03
21	8.66	8.77	8.77	8.66	8.42
22	9.11	9.23	9.23	9.12	8.87
23	9.61	9.73	9.74	9.63	9.37
24	10.15	10.29	10.32	10.20	9.91
25	10.78	10.94	10.97	10.84	10.53
26	11.47	11.65	11.67	11.54	11.20
27	12.25	12.46	12.50	12.35	11.98
28	13.14	13.38	13.43	13.27	12.88
29	14.15	14.42	14.49	14.33	13.92
30	15.30	15.62	15.73	15.57	15.12
31	16.65	17.02	17.15	17.00	16.51
32	18.19	18.63	18.80	18.65	18.13
33	19.96	20.47	20.68	20.54	19.97
34	21.97	22.57	22.83	22.69	22.08
35	24.28	24.97	25.28	25.14	24.45
36	26.88	27.67	28.04	27.87	27.08
37	29.79	30.70	31.11	30.91	29.99
38	33.07	34.09	34.53	34.28	33.23
39	36.69	37.81	38.28	37.98	36.78
40	40.70	41.92	42.41	42.06	40.70
41	45.09	46.43	46.96	46.55	45.01
42	49.89	51.37	51.95	51.46	49.74
43	55.15	56.78	57.40	56.85	54.92
44	60.89	62.67	63.34	62.73	60.60
45	67.11	69.07	69.82	69.14	66.79
46	73.88	76.05	76.88	76.14	73.56
47	81.23	83.63	84.56	83.77	80.95
48	89.19	91.86	92.92	92.08	89.01
49	97.83	100.79	102.00	101.13	97.81
50	107.18	110.47	111.85	110.96	107.40
51	117.27	120.93	122.51	121.63	117.81
52	128.11	132.19	134.02	133.14	129.06
53	139.70	144.24	146.32	145.46	141.11
54	151.99	157.01	159.36	158.54	153.90
55.	164.91	170.44	173.09	172.28	167.32
56	178.42	184.47	187.41	186.62	181.32
57	192.47	199.05	202.30	201.51	195.87
58	207.05	214.20	217.76	217.00	211.08
59	222.19	229.92	233.84	233.22	227.16
60	237.86	246.25	250.66	250.36	244.39

## MEAN RESERVES



### 20 Year Term

### (LEVEL PREMIUM RESERVES)

	•	YE.	ARS		
Age	16	17	18	19	20
20	7.69	7.20	6.54	5.70	4.63
21	8.06	7.53	6.81	5.89	4.73
22	8.47	7.89	7.11	6.10	4.83
23	8.93	8.30	7.44	6.34	4.95
24	9.43	8.74	7.81	6.60	5.08
25	10.01	9.25	8.23	6.90	5.23
26	10.64	9.81	8.70	7.25	5.39
27	11.37	10.48	9.25	7.64	5.58
28	12.22	11.23	9.88	8.09	5.79
29	13.19	12.10	10.60	8.60	6.04
30	14.32	13.13	11.46	9.22	6.33
31	15.64	14.31	12.44	9.92	6.65
32	17.17	15.69	13.59	10.74	7.02
33	18.91	17.25	14.86	11.63	7.43
34	20.88	18.99	16.29	12.63	7.89
35	23.08	20.93	17.87	. 13.75	8.40
36	25.53	23.09	19.63	15.00	8.97
37	28.23	25.49	21.59	16.37	9.60
38	31.23	28.14	23.76	17.90	10.31
39	34.53	31.06	26.15	19.58	11.08
40	38.17	34.27	28.77	21.43	11.94
41	42.17	37.81	31.68	23.49	12.89
42	46.57	41.71	34.89	25.77	13.95
43	51.40	46.01	38.42	28.27	15.11
44	56.69	50.71	42.30	31.02	16.40
45	62.48	55.86	46.54	34.04	17.81
46	68.81	61.51	51.22	37.40	19.39
47	75.73	67.70	56.36	41.08	21.11
48	83.32	74.51	62.02	45.14	23.02
49	91.60	81.97	68.23	49.61	25.12
50	$100.65 \\ 110.49 \\ 121.14 \\ 132.55 \\ 144.65$	90.10	75.02	54.50	27.42
51		98.98	82.45	59.87	29.95
52		108.61	90.52	65.70	32.69
53		118.92	99.15	71.92	35.62
54		129.84	108.27	78.49	38.73
55	157.34	141.28	117.83	85.43	42.04
56	170.57	153.22	127.90	92.80	45.59
57	184.37	165.79	138.59	100.73	49.43
58	198.92	179.21	150.18	109.43	53.65
59	214.53	193.82	162.98	119.18	58.37
60 .	231.48	209.92	177.29	130.15	63.64



#### For Valuing Paid Up Extended Insurance

		YE	ARS		
Age	<b>1</b> .	2	3	- 4	5
20	\$3.77	\$11.21	\$18.38	\$25.30	\$31.98
21	3.80	11.28	18.50	25.46	32.18
22	3.82	11.35	18.62	25.63	32.40
23	3.85	11.43	18.74	25.81	32.64
24	3.87	11.50	18.88	26.00	32.88
25	3.90	11.59	19.02	26.20	33.15
26	3.93	11.68	19.18	26.42	33.44
27	3.96	11.78	19.34	26.67	33.75
28	4.00	11.89	19.53	26.92	34.08
29	4.03	12.00	19.72	27.19	34.44
30	4.07	12.12	19.92	27.49	34.83
31	4.11	12.25	20.15	27.82	35.25
32	4.16	12.41	20.41	28.17	35.72
33 -	4.21	12.57	20.67	28.55	36.22
34	4.27	12.73	20.96	28.97	36.78
35	4.32	12.92	21.28	29.43	37.39
36	4.39	13.12	21.64	29.95	38.07
37	4.46	13.36	22.04	30.52	38.81
38	4.55	13.61	22.47	31.14	39.62
39	4.63	13.89	22.94	31.81	40.51
40	4.73	14.19	23.46	32.56	41.51
41	4.84	14.58	24.03	33.39	42.61
42	4.95	14.89	24.68	34.32	43.86
43	5.08	15.31	25.40	35.37	45.27
44	5.23	15.79	26.22	36.57	46.86
45	5.39	16.32	27.14	37.92	48.69
46	5.59	16.92	28.20	39.48	50.78
47	5.80	17.61	29.42	41.26	53.16
48	6.04	18.42	30.82	43.30	55.86
49	6.33	19.34	32.42	45.59	58.90
50	6.66	20.38	34.20	48.16	62.29
51	7.03	21.54	36.20	51.03	66.06
52	7.44	22.83	38.42	54.21	70.25
53	7.89	24.28	40.89	57.76	74.90
54	8.40	25.89	43.65	61.69	80.03
55	8.97	27.69	46.70	66.04	85.70
56	9.61	29.67	50.08	70.83	91.95
57	10.31	31.87	53.80	76.12	98.82
58	11.08	34.30	57.92	81.95	106.39
59	11.94	36.99	62.47	88.38	114.68
60	12.90	39.97	67.49	95.43	123.76

148

### **MEAN RESERVES**



For Valuing Paid Up Extended Insurance

		YE	ARS		
Age	I	2	3	4	5
61	\$13.95	\$43.25	\$73.00	\$103.16	\$133.71
62	15.12	46.86	79.05	111.65	144.58
63	16.40	50.84	85.72	120.95	156.44
64	17.81	55.24	93.04	131.13	169.36
65	19.39	60.08	101.08	142.24	183.40
66	21.12	65.41	109.88	154.34	198.59
67	23.02	71.26	119.48	167.48	214.98
68	25.12	77.66	129.95	181.68	232.46
69	27.42	84.66	141.29	196.87	250.96
70	29.95	92.27	153.43	212.95	270.38
71	32.69	100.40	166.28	229.84	290.64
72	35.62	109.01	179.82	247.55	311.79
73	38.73	118.14	194.10	266.15	333.99
54	42.04	127.85	209.25	285.88	357.49
75	45.59	138.27	225.52	307.05	382.55

### **MEAN RESERVES**



#### For Valuing Paid Up Extended Insurance

### (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

		YE	ARS		
Age	6	7	8	9	10
20	\$38.42	\$44.64	\$50.65	\$56.45	\$62.08
21	38.67	44.95	51.01	56.87	62.54
22	38.95	45.27	51.38	57.30	63.03
23	39.23	45.61	51.79	57.76	63.55
24	39.54	45.98	52.22	58.25	64.11
25	39.87	46.38	52.67	58.79	64.72
26	40.23	46.80	53.18	59.37	65.37
27	40.61	47.27	53.72	59.99	66.08
28	41.03	47.76	54.30	60.66	66.85
29	41.47	48.30	54.94	61.40	67.69
30	41.95	48.88	55.62	62.20	68.61
31	42.48	49.52	56.38	63.07	69.62
32	43.06	50.23	57.21	64.04	70.72
33	43.70	50.99	58.12	65.09	71.92
34	44.39	51.84	59.11	66.25	73.24
35	45.16	52.76	60.21	67.51	74.71
36	46.01	53.79	61.41	68.93	76.33
37	• 46.94	54.90	62.75	70.48	78.13
38	47.95	56.15	64.23	72.21	80.14
39	49.08	57.52	65.87	74.15	82.38
40	50.33	59.05	67.70	76.31	84.92
41	51.73	60.77	69.77	78.77	87.78
42	53.31	62.72	72.13	81.55	91.03
43	55.10	64.94	74.80	84.71	94.71
44	57.15	67.46	77.84	88.29	98.85
45	59.48	70.34	81.28	92.32	103.50
46	62.14	73.59	85.16	96.86	108.72
47	65.15	77.26	89.52	101.95	114.56
48	68.55	81.40	94.42	107.63	121.06
49	72.36	86.01	99.87	113.95	128.26
50	76.61	91.15	105.91	120.93	136.21
51	81.33	96.83	112.60	128.64	144.96
52	86.55	103.11	119.96	137.11	154.56
53	92.32	110.04	128.08	146.43	165.08
54	98.69	117.68	137.00	156.64	176.58
55	105.71	126.07	146.77	167.79	189.10
56	113.43	$\begin{array}{c} 135.28 \\ 145.35 \\ 156.35 \\ 168.36 \\ 181.44 \end{array}$	157.45	179.94	202.72
57	121.91		169.11	193.18	217.48
58	131.20		181.82	207.55	233.47
59	141.35		195.65	223.12	250.72
60	152.46		210.63	239.95	269.26

### 150

#### AMER. EXP.

### **MEAN RESERVES**



For Valuing Paid Up Extended Insurance

#### (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

#### YEARS 8 6 9 10 7 Age \$195.65 \$226.86 \$258.06 \$289.12 \$164.57 61 277.49 62 177.75 211.05 244.35 310.28 63 192.07 227.70 263.16 298.24 332.67 283.29 320.24 356.19 245.65 64 207.60 304.66 343.37 380.71 65 224.36 264.88 285.35 327.17 367.51 406.09 66 242.37 306.94 350.69 392.54 432.25 67 261.58 68 281.87 329.54 375.13 418.38 459.10 303.14 353.05 400.39 444.97 486.62 69 426.46 70 325.30 377.40 472.29 514.75 348.32 402.62 453.36 500.35 543.57 71 428.80 481.14 529.30 72 372.28 573.00 73 397.37 456.08 510.09 559.10 602.89 74 423.81 484.82 540.19 589.65 633.02 75 452.02 515.06 571.37 620.75 663.31



#### For Valuing Paid Up Extended Insurance

		YE	ARS		
Age	11	12	13	14	15
20	\$67.52	\$72.78	\$77.87	\$82.83	\$87.62
21	68.03	73.35	78.51	83.51	88.37
22.	68.57	73.96	79.18	84.25	89.18
23	69.16	74.62	79.90	85.04	90.04
24	69.80	75.31	80.67	85.89	90.98
25	70.47	76.07	81.52	86.33	92.01
26	71.20	76.90	82.44	87.84	93.12
27	72.01	77.79	83.43	88.94	94.33
28	72.88	78.76	84.52	90.15	95.66
29	73.83	79.84	85.71	91.46	97.10
30	74.88	81.00	87.01	92.89	98.69
31	76.01	82.28	88.42	94.47	100.44
32	77.26	83.68	89.99	96.22	102.37
33	78.62	85.22	91.72	98.15	104.52
34	80.13	86.91	93.63	100.28	106.90
35	81.79	88.80	95.75	102.66	109.58
36	83.65	90.91	98.12	105.35	112.59
37	85.71	93.25	100.80	108.36	115.96
38	88.02	95.90	103.79	111.74	119.74
39	90.61	98.87	107.17	115.53	123.98
40	93.54	102.22	110.96	119.78	128.71
41	96.85	105.99	115.21	124.55	134.02
42	100.59	110.23	- 119.99	129.89	139.94
43	104.80	115.00	125.36	135.86	146.54
44	109.52	120.36	131.35	142.52	153.87
45	114.83	126.34	138.02	149.90	162.00
46	120.77	133.00	145.44	158.10	170.98
47	127.38	140.40	153.66	167.15	180.87
48	134.71	148.60	162.74	177.12	191.73
49	142.83	157.64	172.72	188.04	203.60
50	151.76	167.57	183.65	199.97	216.52
51	161.56	178.44	195.58	212.96	230.56
52	172.30	190.31	208.57	227.06	245.73
53	184.02	203.23	222.67	242.32	262.11
54	196.79	217.26	237.95	258.78	279.70
55	210.67	232.47	254.43	276.48	298.52
56	255.71	248.89	272.16	295.42	318.57
57	241.97	266.56	291.14	315.62	339.82
58	259.50	285.52	311.42	337.04	362.18
59	278.31	305.77	332.94	359.60	385.55
60	298.43	327.29	355.62	383.18	409 78

## **MEAN RESERVES**



For Valuing Paid Up Extended Insurance

# (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

#### YEARS

Age	II	12	13	14	15
ALSO .	**	1.4	10	~4	-0
61	\$319.84	\$350.00	\$379.35	\$407.66	\$434.74
62	342.46	373.78	403.99	432.89	460.30
63	366.18	398.51	429.42	458.76	486.38
		070101		100110	512.86
64	390.88	424.06	455.53	485.17	
65	416.43	450.30	482.21	512.02	539.62
66	442.70	477.16	509.37	539.19	566,63
67	469.63	504.56	536.90	566.66	593.67
68	497.15	532.39	564.81	594.23	620.51
69	525.19	560.68	592.89	621.66	646.89
			07 = 107		672.59
70	553.80	539.24	620.90	648.67	072.59
71	582.81	617.85	648.58	675.07	697.56
71					
72	612.04	646.27	675.77	700.82	721.70
73	641.27	674.36	702.46	725.87	744.81
74	670.40	702.14	728.59	749.98	766.47
75	699.45	729.56	753.91	772.68	786.21
/ .)	099.45	149.00	/ 55.71	112.00	,00.21



\_\_\_\_\_

.153

#### For Valuing Paid Up Extended Insurance

	YEARS						
Age	16	17	18	19	20		
20	92.28	96.80	101.21	105.51	109.70		
21	93.10	97.69	102.18	106.55	110.82		
22	93.97	98.65	103.21	107.66	112.02		
23	94.92	99.68	104.33	108.87	113.33		
24	95.95	100.80	105.54	110.19	114.75		
25	97.07	102.02	106.87	111.62	116.31		
26	98.28	103.35	108.31	113.20	118.01		
27	99.61	104.79	109.89	114.92	119.89		
28	101.06	106.38	111.63	116.82	121.96		
29	102.65	108.13	113.54	118.91	124.25		
30	104.40	110.05	115.65	121.23	126.80		
31	106.33	112.18	118.00	123.82	129.65		
32	108.48	114.55	120.62	126.71	132.83		
33	110.86	117.20	123.55	129.94	136.38		
34	113.52	120.16	126.83	133.55	140.34		
35	116.51	123.48	130.50	137.59	144.77		
36	119.86	127.20	134.60	142.10	149.69		
37	123.62	131.35	139.18	147.12	155.17		
38	127.82	136.00	144.29	152.71	161.26		
39	132.52	141.18	149.98	158.92	167.99		
40	137.77	146.96	156.30	165.79	175.45		
41	143.62	153.39	163.31	173.41	183.68		
42	150.15	160.53	171.08	181.82	192.76		
43	157.39	168.43	179.67	191.10	202.72		
44	165.42	177.18	189.14	201.29	213.64		
45	174.30	186.81	199.54	212.45	225.55		
46	184.08	197.40	210.92	224.64	238.52		
47	194.82	208.98	223.35	237.89	252.58		
48	206.57	221.62	236.86	252.26	267.77		
49	219.38	235.36	251.50	267.76	284.08		
50	233.29	250.22	267.28	284.40	301.53		
51	248.33	266.24	284.22	302.20	320.09		
52	264.55	283.44	302.34	321.14	339.74		
53	281.97	301.85	321.62	341.18	360.38		
54	300.62	321.48	342.02	362.24	381.90		
55	320.46	342.16	363.47	384.20	404.20		
56	341.48	363.96	385.84	406.94	427.13		
57	363.58	386.70	409.01	430.34	450.58		
58	386.66	410.27	432.85	454.27	474.44		
59	410.58	434.52	457.24	478.62	498.61		
60	435.21	459.34	482.06	503.29	522.95		

r

### **MEAN RESERVES**

#### For Valuing Paid Up Extended Insurance

	YEARS						
Age	16	17	18	19	20		
61	460.43	484.62	507.21	528.14	547.40		
62	486.12	510.23	532.57	553.12	571.76		
63	512.18	536.08	558.06	578.01	595.84		
64	538.49	562.09	583.50	602.63	619.40		
65	565.02	588.06	608.66	626.71	642.27		
66	591.53	613.77	633.28	650.09	664.36		
67	617.80	638.96	657.19	672.67	685.57		
68	643.56	663.42	680.29	694.34	705.71		
69	668.82	687.09	702.47	714.92	724.50		
70	692.91	709.84	723.53	734.08	741.69		
71	716.30	731.46	743.14	751.56	757.20		
72	738.59	751.60	760.98	767.26	771.15		
73	759.40	769.92	776.97	781.32	783.66		
74	778.35	786.31	791.23	793.88	794.96		
75	795.28	800.88	803.89	805.12	805.49		



\_\_\_\_\_

For Valuing Paid Up Extended Insurance

		VE	ARS		
A	21	22	23	24	25
Age 20 21 22 23 24 25	113.80 115.00 116.29 117.70 119.24 120.92	117.80 119.09 120.48 122.00 123.66 125.49	121.72 123.10 124.60 126.24 128.04 130.01	125.57 127.05 128.67 130.43 132.38 134.51	129.36 130.95 132.69 134.59 136.69 139.02
26	122.77	127.50	132.20	136.89	141.60
27	124.82	129.72	134.62	139.53	144.48
28	127.08	132.19	137.32	142.48	147.67
29	129.59	134.94	140.32	145.74	151.22
30	132.39	138.00	143.66	149.39	155.17
31	135.51	141.42	147.39	153.42	159.55
32	139.00	145.23	151.53	157.92	164.40
33	142.89	149.47	156.14	162.91	169.79
34	147.22	154.18	161.25	168.44	175.74
35	152.04	159.42	166.93	174.55	182.31
36	157.40	165.24	173.21	181.31	189.56
37	163.36	171.68	180.15	188.76	197.53
38	169.95	178.80	187.80	196.95	206.26
39	177.24	186.65	196.21	205.94	215.82
40	185.28	195.28	205.45	215.77	226.23
41	194.14	204.76	<ul> <li>215.55</li> <li>226.59</li> <li>238.60</li> <li>251.63</li> <li>265.71</li> </ul>	226.49	237.57
42	203.87	215.15		238.17	249.87
43	214.52	226.49		250.84	263.17
44	226.15	238.83		264.53	277.48
45	238.81	252.22		279.26	292.81
46	252.55	266.68	280.86	295.05	309.17
47	267.38	282.24	297.10	311.89	326.51
48	283.33	298.90	314.40	329.73	344.77
49	300.41	316.65	332.72	348.49	363.85
50	318.57	335.43	351.98	368.09	383.62
51	337.80	355.17	372.08	388.39	403.99
52	357.99	375.76	392.90	409.29	424.84
53	379.06	397.09	414.33	430.68	446.08
54	400.88	419.03	436.25	452.46	467.61
55	423.33	441.48	458.56	474.53	489.31
56	446.28	464.31	481.16	496.76	511.12
57	469.64	487.44	503.93	519.10	532.87
58	493.29	510.74	526.79	541.37	554.39
59	517.11	534.13	549.58	563.39	575.49
<b>60</b>	541.03	557.45	572.11	584.97	596.05

## **MEAN RESERVES**



For Valuing Paid Up Extended Insurance

YEARS						
Age	21	22	23	24	25	
51 62 63 64 65	564.87 588.42 611.47 633.85 655.48	580.48 603.03 624.93 646.12 666.49	594.17 615.61 636.37 656.35 675.39	605.96 626.31 645.90 664.62 682.26	615.99 635.21 653.81 670.99 687.20	
66 67 68 69 70	676.25 696.00 714.47 731.42 746.79	685.87 704.04 720.78 736.05 749.94	693.29 709.84 725.02 738.91 751.63	698.63 713.73 727.62 740.45 752.32	702.21 716.12 729.03 741.07 752.53	
71 72 73 74 75	760.69 773.23 784.62 795.28 805.55	762.56 774.09 784.91 795.33	763.33 774.34 784.95	763.56 774.38	763.59	



For Valuing Paid Up Extended Insurance

		YE.	ARS		
Age	26	27	28	29	30
20	133.10	136.79	140.46	144.10	147.74
21	134.81	138.63	142.43	146.23	150.04
22	136.67	140.64	144.60	148.58	152.57
23	138.73	142.86	147.01	151.13	155.38
24	141.00	145.33	149.68	154.06	158.48
25	143.53	148.07	152.64	157.26	161.93
26	146.34	$151.11 \\ 154.48 \\ 158.23 \\ 162.38 \\ 166.98$	155.93	160.80	165.75
27	149.46		159.57	164.73	169.96
28	152.92		163.61	169.07	174.62
29	156.76		168.08	173.88	179.77
30	161.03		173.03	179.17	185.43
31	165.76	172.07	178.49	185.02	191.67
32	171.00	177.70	184.52	191.45	198.51
33	176.78	183.91	191.14	198.51	206.00
34	183.17	190.73	198.43	206.25	214.19
35	190.21	198.24	206.41	214.70	223.11
36	197.95	206.48	215.14	223.92	232.81
37	206.44	215.48	224.66	233.94	243.33
38	215.72	225.30	235.00	244.80	254.68
39	225.83	235.97	246.21	256.53	266.89
40	236.83	247.54	258.32	269.15	279.98
41	248.76	260.04	271.35	282.67	293.94
42	261.65	273.49	285.33	297.11	308.76
43	275.54	287.92	300.24	312.42	324.39
44	290.43	303.31	316.06	328.57	340.76
45	306.30	319.64	332.74	345.48	357.78
46	323.14	336.85	350.19	363.06	375.37
47	340.87	354.84	368.33	381.22	393.45
48	359.41	373.54	387.05	399.87	411.93
49	378.66	392.82	406.26	418.91	430.73
50	398.48	412.58	425.85	438.25	449.74
51	418.79	432.73	445.75	457.81	468.90
52	439.48	453.17	465.83	477.49	488.07
53	460.47	473.79	486.05	497.18	507.12
54	481.64	494.54	506.26	516.72	525.89
55	502.91	515.26	526.29	535.96	544.29
56	524.15	535.79	545.99	554.78	562.25
57	545.17	555.95	565.24	573.13	579.71
58	554.38	575.64	583.99	590.95	596.58
59	585.92	594.73	602.16	608.13	612.73
60	605.46	613.30	619.64	624.53	628.05

## **MEAN RESERVES**



#### For Valuing Paid Up Extended Insurance

YEARS						
Age	26	27	28	29	30	
61 62 63 64 65	624.33 642.42 659.55 675.59 690.52	681.08 647.97 663.83 678.67 692.56	636.29 651.97 666.70 680.57 693.66	640.04 654.65 668.48 681.59 694.12	642.55 656.31 669.43 682.01 694.25	
66 67 68 69 70	704.42 717.41 729.61 741.26 752.56	705.61 717.94 729.79 741.30	706.10 718.10 729.81	706.25 718.12	706.27	



\_\_\_\_\_

For Valuing Paid Up Extended Insurance

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE) 

		VI	EARS		
Age	31	32	33	34	35
20	\$151.39	\$155.07	\$158.76	\$162.50	\$166.28
21	153.87	157.72	161.62	165.57	169.56
22	156.60	160.66	164.78	168.95	173.18
23	159.62	163.91	168.26	172.68	177.17
24	162.97	167.50	172.11	176.80	181.55
25	166.67	171.48	176.36	181.33	186.38
26	170.76	175.86	181.04	186.32	191.68
27	175.28	180.69	186.20	191.80	197.49
28	180.27	186.01	191.86	197.80	203.85
29	185.76	191.86	198.06	204.37	210.77
30	191.80	198.27	204.86	211.54	218.32
31	198.42	205.30	212.27	219.35	226.51
32	205.68	212.97	220.35	227.83	235.38
33	213.61	221.32	229.12	237.01	244.96
34	222.24	230.39	238.63	246.93	255.26
35	231.63	240.23	248.89	257.59	266.29
36-	241.80	250.85	259.93	269.01	278.06
37	252.78	262.27	271.76	281.20	290.55
38	264.60	274.51	284.37	294.14	303.72
39	277.25	287.56	297.76	307.77	317.52
40	290.76	301.41	311.88	322.06	331.88
41	305.08	316.02	326.66	336.93	346.76
42	320.20	331.32	342.06	352.33	362.07
43	336.03	347.26	358.00	368.19	377.78
44	352.50	363.74	374.40	384.43	393.80
45	369.53	380.69	391.19	401.00	410.09
46	387.05	398.04	408.32	417.83	426.59
47	404.97	415.73	425.69	434.86	443.18
48	423.21	433.65	443.26	451.97	459.77
49	441.68	451.75	460.89	469.06	476.22
50	460.31	469.90	478.46	485.97	492.45
51	478.97	487.96	495.84	502.64	508.41
52	497.52	505.80	512.95	519.01	524.06.
53	515.83	523.34	529.72	535.03	539.33
54	533.80	540.52	546.10	550.63	554.12
55	551.37	557.26	562.03	565.71	568.35
56	568.47	573.51	577.38	580.18	582.06
57	585.03	589.13	592.08	594.07	595.29
58	600.92	604.05	606.14	607.44	608.13
59	616.05	618.26	619.64	620.38	620.68
60	630.41	631.87	632.65	632.97	633.07
61 62 63 64 65	644.10 657.20 669.82 682.14 694.27	644.93 657.57 669.93 682.16	645.27 657.67 669.95	645.38 657.69	645.40

## 160

#### AMER. EXP.

### **MEAN RESERVES**



#### For Valuing Paid Up Extended Insurance

		YE	ARS		
Age	36	37	38	39	40
20	\$170.11	\$174.00	\$177.95	\$181.97	\$186.06
21	173.62	177.74	181.94	186.20	190.54
22	177.48	181.86	186.31	190.83	195.44
23	181.73	186.38	191.10	195.91	200.79
24	186.40	191.32	196.34	201.44	206.61
25	191.52	196.76	202.08	207.47	212.95
26	197.14	202.69	208.33	214.04	219.83
27	203.28	209.16	215.12	221.16	227.26
28	209.98	216.20	222.50	228.87	235.28
29	217.27	223.84	230.49	237.18	243.89
30	225.18	232.12	239.10	246.11	253.13
31	233.75	241.04	248.36	255.68	262.96
32	243.00	250.64	258.28	265.88	273.41
33	252.94	260.92	268.85	276.71	284.42
34	263.59	271.87	280.07	288.13	295.96
35	274.94	283.51	291.92	300.10	307.99
36	287.00	295.78	304.33	312.57	320.45
37	299.72	308.64	317.25	325.49	333.30
38	313.04	322.04	330.64	338.80	346.49
39	326.92	335.90	344.43	352.47	359.96
40	341.28	350.19	358.58	366.42	373.68
41	356.07	364.84	373.04	380.63	387.62
42	371.25	379.82	387.75	395.06	401.68
43	386.74	395.04	402.68	409.61	415.80
44	402.49	410.48	417.73	424.21	429.89
45	418.45	426.04	432.82	438.76	443.89
46	434.53	441.62	447.85	453.21	457.76
47	450.61	457.13	462.74	467.51	471.49
48	466.59	472.48	477.47	481.64	485.01
49	482.39	487.62	491.99	495.52	498.24
50	497.94	502.52	506.23	509.08	511.14
51	513.22	517.11	520.11	522.27	523.72
52	528.15	531.30	533.57	535.09	536.03
53	542.64	545.03	546.63	547.62	548.15
54	556.63	558.32	559.36	559.92	560.15
55	570.13	571.23	571.82	572.06	572.13
56 57 58 59 60	583.21 595.94 608.42 620.77 633.09	583.83 596.22 608.50 620.79	584.09 596.29 608.52	584.16 596.31	584.18



For Valuing Paid Up Extended Insurance

		YI	EARS		
Age	41	42	43	- 44	45
20	\$190.22	\$194.46	\$198.76	\$203.13	\$207.56
21	194.96	199.45	204.01	208.63	213.31
22	200.13	204.88	209.70	214.58	219.52
23	205.75	210.78	215.87	221.02	226.20
24	211.86	217.18	222.54	227.95	233.38
25	218.50	224.10	229.74	235.40	241.07
26 27 28 29 30	225.67 233.40 241.71 250.62 260.10	231.56 239.57 248.15 257.30 267.00	237.47 245.74 254.56 263.91 273.78	243.38 251.38 260.89 270.41 280.37	249.26 257.95 267.12 276.72 286.74
31	270.17	277.24	284.12	290.76	297.11
32	280.79	287.97	294.90	301.54	307.83
33	291.92	299.16	306.08	312.65	318.83
34	303.52	310.75	317.60	324.06	330.09
35	315.54	322.70	329,44	335.74	341.57
36	327.93	334.97	341.55	347.64	353.25
37	340.65	347.53	353.89	359.75	365.06
38	353.66	360.32	366.43	371.98	376.94
39	366.91	373.31	379.11	384.29	388.84
40	380.37	386.43	391.84	396.60	400.69
41	393.96	399.61	404.58	408.86	412.49
42	407.60	412.79	417.27	421.07	424.23
43	421.23	425.91	429.88	433.20	435.87
44	434.79	438.94	442.41	445.21	447.37
45	448.24	451.86	454.80	457.05	458.63
46	461.36	464.63	466.99	468.70	469.84
47	474.71	477.18	478.97	480.16	480.90
48	487.60	489.48	490.73	491.50	491.92
49	500.21	501.52	502.33	502.77	502.95
50	512.52	513.37	513.83	514.02	514.07
51 52 53 54 55	524.61 536.54 548.37 560.22 572.14	525.09 536.74 548.44 560.23	525.29 536.81 548.45	525.35 536.82	525.36

### **MEAN RESERVES**



For Valuing Paid Up Extended Insurance

### (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

	YEARS						
Age	46	47	48	49	50		
20	\$212.04	\$216.58	\$221.14	\$225.73	\$230.31		
21	218.04	222.80	227.58	232.36	237.12		
22	224.48	229.47	234.46	239.42	244.33		
23	231.40	236.60	241.79	246.91	251.94		
24	238.81	244.21	249.56	254.81	259.91		
25	246.71	252.28	257.76	. 263.08	268.22		
26	255.08	260.79	266.35	271.71	276.84		
27	263.91	269.71	275.31	280.66	285.74		
28	273.17	279.01	284.60	289.89	294.88		
29	282.82	288.65	294.18	299.39	304.25		
30	292.82	298.59	304.03	309.11	313.81		
31	303.14	308.81	314.12	319.02	323.54		
32	313.75	319.28	324.41	329.12	333.40		
33	324.60	329.96	334.88	339.35	343.34		
34	335.68	340.82	345.48	349.65	353.30		
35	346.94	351.81	356.16	359.98	363.27		
36	358.34	362.88	366.87	370.30	373.22		
37	369.80	373.97	377.56	380.60	383.14		
38	381.30	385.04	388.22	390.88	393.02		
39	392.75	396.08	398.85	401.09	402.82		
40	404.16	407.06	409.40	411.20	412.51		
41	415.52	417.97	419.85	421.21	422.13		
42	426.79	428.76	430.19	431.14	431.73		
43	437.94	439.43	440.42	441.03	441.37		
44	448.92	449.97	450.61	450.95	451.10		
45	459.77	460.45	460.81	460.96	461.00		
46 47 48 49 50	470.55 481.30 492.09 502.99 514.08	470.93 481.46 492.14 503.01	471.08 481.50 492.15	471.13 481.52	471.14		

1

\_\_\_\_

# **MEAN RESERVES**



### For Valuing Paid Up Extended Insurance

### (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

		YE	ARS		
Age	51	52	53	54	55
20	\$234.87	\$239.38	\$243.81	\$248.12	\$252.28
21	241.83	246.45	250.94	255.28	259.43
22	249.15	253.84	258.37	262.69	266.80
23	256.83	261.55	266.07	270.35	274.38
24	264.84	269.55	274.02	278.22	282.16
25	273.14	277.80	282.19	286.30	290.10
26	281.71	286.29	290.57	294.54	298.18
27	290.52	294.99	299.12	302.93	306.38
28	299.55	303.86	307.83	311.44	314.66
29	308.76	312.90	316.67	320.02	322.97
30	318.13	322.06	325.57	328.65	331.29
31	327.64	331.30	334.51	337.28	339.63
32	337.22	340.57	343.46	345.92	347.96
33	346.83	349.85	352.41	354.55	356.27
34	356.45	359.12	361.35	363.15	364.54
35	366.06	368.38	370.27	371.72	372.76
36	375.64	377.61	379.13	380.22	380.95
37	385.20	386.78	387.92	388.68	389.15
38	394.67	395.87	396.66	397.16	397.42
39	404.06	404.89	405.41	405.69	405.80
40	413.38	413.92	414.21	414.33	414.36
41 42 43 44 45	422.69 432.05 441.50 451.14 461.01	422.99 432.18 441.54 451.15	423.12 432.22 441.55	423.16 432.22	423.16

# **MEAN RESERVES**



For Valuing Paid Up Extended Insurance

## (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

#### YEARS 58 60 Age 56 57 59 20 \$256.26 \$260.03 \$263.58 \$266.90 \$269.97 273.74 21 263.36 267.07 270.53 276.69 274.28 277.63 280.70 283.49 22 270.67 23 281.64 284.85 287.77 290.37 278.15 292.19 297.29 24 285.80 289.15 294.91 25 293.59 296.76 299.60 302.08 304.22 $\dot{2}6$ 307.04 309.27 301.49 304.45 311.17 27 309.47 312.17 314.50 316.48 318.13 28 317.48 321.98 323.70 325.09 319.91 29 325.51 327.66 329.46 330.91 332.04, 30 333.54 335.42 336.94 338.11 338.95 31 341.56 343.16 344.39 345.27 345.86 32 349.61 350.89 351.81 352.42 352.80 33 357.60 358.56 359.20 359.60 359.81 34 365.54 366.21 366.63 366.85 366.94 35 373.90 373.46 374.13 374.22 374 25 36 381.40 381.64 381.74 381.77 381.78 37 389.41 389.51 389.54 389.55 38 397.53 397.56 397.57 39 405.83 405.84

40

414.37

# **MEAN RESERVES**



### For Valuing Paid Up Extended Insurance

## (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

		YE	ARS		
Age	61	62	63	- 64	65
20 21 22 23 24 25	\$272.80 279.36 285.99 292.66 299.34 306.04	\$275.36 281.75 288.18 294.62 301.08 307.56	\$277.66 283.86 290.06 296.06 302.53 308.78	\$279.67 285.66 291.67 297.68 303.71 309.72	\$281.41 287.20 292.99 298.81 304.61 310.41
26 27 28 29 30	312.75 319.47 326.17 332.84 339.52	314.03 320.50 326.94 333.39 339.87	315.02 321.24 327.46 333.72 340.05	315.73 321.73 327.78 333.90 340.13	316.20 322.04 327.95 333.97 340.15
31 32 33 34 35	346.22 353.00 359.90 366.97 374.25	346.41 353.09 359.93 366.97	346.50 353.11 359.93	346.52 353.12	346.52

## 166

### AMER. EXP.

# **MEAN RESERVES**



For Valuing Paid Up Extended Insurance

## (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

### YEARS

Age	66	67	68	69	70
20	\$282.87	\$284.10	\$285.09	\$285.86 .	\$286.41
21	288.47	289.51	290.30	290.88	291.26
22	294.08	294.91	295.51	295.91	296.16
23	299.68	300.30	300.72	300.98	301.12
24	305.27	305.70	305.97	306.12	306.18
25	310.86	311.14	311.30	311.36	311.38
26	315.50	316.66	316.72	316.74	316.74
27	322.21	322.28	322.30	322.30	
28	328.02	328.05	328.05		
29	333.99	333.99			
30	340.15				



# **MEAN RESERVES**

# 31/2%

For Valuing Paid Up Extended Insurance

## (MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

YE	A	R	S	
----	---	---	---	--

Age	71	72	73	74	75	76
20 21 22 23 24 25	\$286.78 291.50 296.29 301.18 306.19 311.38	\$287.00 291.63 296.35 301.19 306.20	\$287.13 291.68 296.36 301.20	\$287.18 291.70 296.37	\$287.19 291.70	\$287.20
40	011.00					

## 168

### AMER. EXP.

# NET ANNUAL PREMIUMS

31/2%

## PURE ENDOWMENT

		YEARS	
Age	10 Yrs.	15 Yrs.	20) Yrs.
20	78.537	46.528	30.813
21	78.506	46.492	30.769
22	78.473	46.453	30.721
23	78.438	46.411	30.668
24	78.399	46.365	30.611
25	78.357	46.314	30.547
26	78.312	46.259	30.477
27	78.263	46.199	30.399
28	78.210	46.132	30.313
29	78.151	46.060	30.216
30	78.086	45.979	30.107
31	78.015	45.891	29.984
32	77.937	45.791	29.845
33	77.852	45.680	29.689
34	77.759	45.556	29.514
35	77.655	45.415	29.318
36	77.539	45.256	29.099
37	77.410	45.075	28.854
38	77.264	44.872	28.582
39	77.100	44.643	28.280
	76.912	44.386	27.947
41	76.700	44.098	27.578
42	76.457	43.777	27.172
43	76.184	43.419	26.727
44	75.875	43.023	26.240
45	75.529	42.584	25.707
46	75.142	42.099	25.128
47	74.710	41.565	24.498
48	74.229	40.979	23.817
49	, 73.697	40.337	23.081
50	73.110	39.635	22.291
51	72.460	38.869	21.446
52	71.745	38.035	20.546
53	70.958	37.129	19.597
54	70.095	36.148	18.602
55	69.150	35.090	17.569
56	68.114	33.951	16.503
57	66.982	32.733	15.408
58	65.748	31.440	14.289
59	64.404	30.077	13.148
60	62.945	28.653	11.990
61	61.365	27.172	10.814
62	59.664	25.640	9.630
63	57.846	24.057	8.452
64	55.919	22.423	7.297
65	5 <b>3.</b> 890	20.740	6.175

----

# **TERMINAL RESERVES**

31/2%

## PURE ENDOWMENT

### Per \$1 of Pure Endowment Net Annual Premium

		YE	ARS		
Age	I	2	3	- 4	5
20 21 22 23 24 25	$1.0431 \\ 1.0432 \\ 1.0432 \\ 1.0433 \\ 1.0433 \\ 1.0434 \\ 1.0434$	2.1314 2.1316 2.1317 2.1319 2.1321 2.1323	3,2668 3.2672 3.2675 3.2679 3.2683 3.2683 3.2687	4.4516 4.4522 4.4528 4.4535 4.4542 4.4542 4.4549	5.6880 5.6889 5.6899 5.6910 5.6921 5.6933
26	1.0435	2.1325	3.2691	4.4557	5.6947
27	1.0436	2.1327	3.2696	4.4566	5.6961
28	1.0436	2.1330	3.2702	3.4576	5.6976
29	1.0437	2.1332	3.2707	4.4586	5.6993
30	1.0438	2.1335	3.2713	4.4597	5.7011
31	1.0439	2.1338	3.2720	4.4609	5.7031
32	1.0440	2.1341	3.2727	4.4622	5.7052
33	1.0441	2.1345	3.2735	4.4636	5.7076
34	1.0442	2.1349	3.2743	4.4652	5.7102
35	1.0443	2.1353	3.2753	4.4669	5.7131
36	<ul> <li>1.0445</li> <li>1.0446</li> <li>1.0448</li> <li>1.0450</li> <li>1.0452</li> </ul>	2.1358	3.2764	4.4689	5.7163
37		2.1363	3.2775	4.4710	5.7197
38		2.1369	3.2788	4.4733	5.7236
39		2.1375	3.2802	4.4759	5.7277
40		2.1382	3.2817	4.4787	5.7325
41 ·	$\begin{array}{c} 1.0455\\ 1.0457\\ 1.0460\\ 1.0463\\ 1.0467\end{array}$	2.1390	3.2834	4.4818	5.7378
42 ·		2.1398	3.2853	4.4854	5.7437
43 ·		2.1408	3.2874	4.4894	5.7505
44 ·		2.1419	3.2899	4.4939	5.7582
45 ·		2.1431	3.2926	4.4991	5.7672
46	1.0471	2.1445	3.2958	4.5052	5.7774
47	1.0476	2.1461	3.2994	4.5121	5.7892
48	1.0481	2.1480	3.3036	4.5200	5.8025
49	1.0488	2.1501	3.3084	4.5290	5.8175
50	1.0495	2.1525	3.3138	4.5390	5.8343
51	1.0503	2.1552	3.3199	4.5502	5.8532
52	1.0512	2.1582	3.3266	4.5628	5.8743
53	1.0522	2.1616	3.3342	4.5769	5.8979
54	1.0533	2.1654	3.3427	4.5926	5.9243
55	1.0546	2.1696	3.3521	4.6102	5.9537
56	1.0560	2.1744	3.3626	4.6297	5.9866
57	1.0576	2.1796	3.3743	4.6515	6.0233
58	1.0593	2.1854	3.3873	4.6759	6.0643
59	1.0612	2.1919	3.4018	4.7031	6.1101
60	1.0634	2.1991	3.4180	. 4.7333	61.612

# **TERMINAL RESERVES**



## PURE ENDOWMENT

Per \$1 of Pure Endowment Net Annual Premium

-----

YEARS						
Age	I	• 2	3	4	5	
61	1.0658	2.2072	3.4360	4.7671	6.2185	
62	1.0684	2.2161	3.4560	4.8048	6.2826	
63	1.0714	2.2259	3.4784	4.8470	6.3544	
64	1.0746	2.2370	3.5034	4.8942	6.4352	
65	1.0783	2.2493	3.5313	4.9472	6.5257	
66	1.0823	2.2630	3.5625	5.0063	6.6274	
67	1.0868	2.2783	3.5972	5.0726	6.7413	
68	1.0918	2.2953	3.6360	5.1465	6.8681	
69	1.0973	2.3141	3.6791	5.2284	7.0083	
70	1.1034	2.3350	3.7265	5.3183	7.1629	

# 31/2%

## PURE ENDOWMENT

		YE	ARS		
Age	6	7	8	- 9	10
20	6.9783	8.3252	9.7314	11.1996	12.7328
21	6.9797	8.3273	9.7342	11.2034	12.7379
22	6.9813	8.3295	9.7372	11.2075	12.7432
23	6.9829	8.3318	9.7405	11.2118	12.7490
24	6.9846	8.3343	9.7439	11.2165	12.7553
25	6.9865	8.3370	9.7476	11.2217	12.7621
26	6.9885	8.3398	9.7518	11.2272	12.7694
27	6.9906	8.3430	9.7562	11.2332	12.7774
28	6.9930	8.3464	9.7609	11.2397	12.7861
29	6.9956	8.3501	9.7661	11.2468	12.7958
30	6.9983	8.3541	9.7718	11.2547	12.8064
31	7.0013	8.3585	9.7781	11.2633	12.8181
32	7.0046	8.3634	9.7850	11.2729	12.8308
33	7.0083	8.3688	9.7926	11.2833	12.8448
34	7.0123	8.3747	9.8009	11.2947	12.8603
35	7.0167	8.3812	9.8101	11.3074	12.8776
36	7.0216	8.3883	9.8202	11.3215	12.8968
37	7.0270	8.3962	9.8315	11.3372	12.9183
38	7.0328	8.4050	9.8441	11.3549	12.9427
39	7.0394	8.4148	9.8583	11.3748	12.9702
40	7.0468	8.4258	9.8743	11.3974	13.0018
41	7.0551	8.4383	9.8924	11.4234	13.0378
42	7.0646	8.4525	9.9133	11.4531	13.0792
43	7.0753	8.4689	9.9372	11.4871	13.1262
44	7.0877	8.4877	9.9647	11.5259	13.1795
45	7.1019	8.5092	9.9959	11.5697	13.2399
46	7.1182	8.5337	10.0312	11.6194	13.3082
47	7.1367	8.5613	10.0711	11.6754	13.3852
48	7.1575	8.5925	10.1161	11.7386	13.4718
49	7.1810	8.6276	10.1667	11.8095	13.5690
50	7.2073	8.6669	10.2234	11.8889	13.6782
51	7.2369	8.7111	10.2869	11.9780	13.8007
52	7.2700	8.7604	10.3581	12.0780	13.9382
53	7.3069	8.8156	10.4378	12.1901	14.0928
54	7.3483	8.8774	10.5271	12.3160	14.2663
55	7.3945	8.9466	10.6273	12.4571	14.4613
56	7.4461	9.0241	$\begin{array}{c} 10.7395 \\ 10.8653 \\ 11.0069 \\ 11.1661 \\ 11.3455 \end{array}$	12.6156	14.6812
57	7.5039	9.1108		12.7940	14.9293
58	7.5685	9.2079		12.9951	15.2096
59	7.6407	9.3170		13.2219	15.5271
60	7.7217	9.4395		13.4785	15.8870

# **TERMINAL RESERVES**

## PURE ENDOWMENT

					•
		YE	ARS		
Age	6	7	8	9	10
61	7.8126	9.5773	11.5480	13.7688	16.2959
62	7.9146	9.7327	11.7768	14.0980	16.7605
63	8.0294	9.9078	12.0357	14.4712	17.2873
64	8.1585	10.1055	12.3284	14.8930	17.8831
65	8.3039	10.3284	12.6583	15.3685	18.5563
66	.8.4673	10.5787	13.0285	15.9036	19.3183
67	8.6500	10.8584	13.4434	16.5067	20.1845
68	8.8532	11.1702	13.9088	17.1893	21.1779
69	9.0786	11.5184	14.4332	17.9691	22.3312
70	9.3290	11.9089	15.0299	18.8711	23.6870

# TERMINAL RESERVES

## PURE ENDOWMENT

### Per \$1 of Pure Endowment Net Annual Premium

		YE	ARS		
Age	II	12	13	14	15
20	$14.3343 \\ 14.3407 \\ 14.3477 \\ 14.3553 \\ 14.3636 \\ 14.3724$	16.0072	17.7552	19.5824	21.4926
21		16.0155	17.7659	19.5958	21.5091
22		16.0246	17.7774	19.6101	21.5270
23		16.0344	17.7897	19.6257	21.5466
24		16.0448	17.8032	19.6427	21.5681
25		16.0563	17.8178	19.6614	21.5916
26	$\begin{array}{c} 14.3820\\ 14.3926\\ 14.4042\\ 14.4169\\ 14.4309\end{array}$	16.0688	17.8340	19.6819	21.6175
27		16.0826	17.8516	19.7045	21.6457
28		16.0977	17.8711	19.7290	21.6768
29		16.1143	17.8923	19.7561	21.7109
30		16.1324	17.9157	19.7859	21.7489
31	14.4462	16.1524	17.9415	19.8190	21.7911
32	14.4631	16.1744	17.9701	19.8558	21.8382
33	14.4817	16.1990	18.0020	19.8970	21.8912
34	14.5025	16.2262	18.0376	19.9433	21.9509
35	14.5255	16.2568	18.0778	19.9956	22.0191
36	14.5514	16.2912	18.1231	20.0553	22.0966
37	14.5805	16.3300	18.1749	20.1232	22.1852
38	14.6134	16.3746	18.2338	20.2008	22.2859
39	14.6512	16.4252	18.3013	20.2891	22.4001
40	14.6942	16.4833	18.3781	20.3893	22.5298
41	14.7436	16.5493	18.4651	20.5030	22.6768
42	14.7997	16.6242	18.5640	20.6319	22.8432
43	14.8634	16.7092	18.6759	20.7777	23.0313
44	. 14.9356	16.8054	18.8025	20.9424	23.2435
45	15.0172	16.9142	18.9454	21.1280	23.4830
46	15.1094	17.0368	19.1363	21.3375	23.7533
47	15.2133	17.1747	19.2876	21.5735	24.0584
48	15.3299	17.3299	19.4917	21.8397	24.4027
49	15.4611	17.5045	19.7217	22.1398	24.7912
50	15.6085	17.7010	19.9808	22.4781	25.2302
51	$\begin{array}{c} 15.7742 \\ 15.9605 \\ 16.1699 \\ 16.4055 \\ 16.6715 \end{array}$	17.9222	20.2726	22.8600	25.7275
52		18.1709	20.6016	23.2923	26.2916
53		18.4512	20.9736	23.7821	26.9328
54		18.7679	21.3948	24.3383	27.6637
55		19.1259	21.8725	24.9716	28.4983
56	16.9719	19.5315	22.4157	25.6938	29.4540
57	17.3117	19.9922	23.0345	26.5197	30.5501
58	17.6972	20.5162	23.7410	27.4654	31.8069
59	18.1350	21.1135	24.5486	28.5478	33.2476
60	18.6332	21.7951	25.4710	29.7856	34.9004

31/2%

# **TERMINAL RESERVES**



## PURE ENDOWMENT

YEARS						
Age	II	12	13	14	15	
61	19.2005	22.5718	26.5234	31.2022	36.8024	
62	19.8454	23.4556	27.7244	32.8278	39.0020	
63	20.5772	24.4612	29.0984	34.7023	41.5685	
64	21.4070	25.6080	30.6779	36.8829	44.5973	
65	22.3500	26.9216	32.5094	39.4486	48.2161	
66	23.4262	28.4396	34.6575	42.5050	52.6310	
67	24.6653	30.2142	37.2084	46.2234	58.0895	
68	26.1088	32.3146	40.3030	50.8068	64.9386	
69	27.8115	34.8554 ·	44.1057	56.5389	73.6639	
70	29.8656	37.9678	48.8453	63.8141	85.0609	

# **TERMINAL RESERVES**

### PURE ENDOWMENT

Per \$1 of Pure Endowment Net Annual Premium

		YI	EARS		
Age	16	17	18	19	20
20	23.4900	25.5796	27.7663	30.0559	32.4540
21	23.5105	25.6049	27.7976	30.0940	32.5006
22	23.5328	25.6326	27.8316	30.1359	32.5514
23	23.5574	25.6629	27.8691	30.1815	32.6071
24	23.5841	25.6963	27.9099	30.2317	32.6683
25	23.6136	25.7326	27.9548	30.2867	32.7362
26	23.6457	25.7725	28.0041	30.3478	32.8114
27	23.6811	25.8164	28.0588	30.4155	32.8953
28	23.7199	25.8652	28.1195	30.4911	32.9892
29	23.7631	25.9193	28.1872	30.5758	33.0948
30	23.8110	25.9797	28.2632	30.6710	33.2149
31	23.8646	26.0475	28.3487	30.7794	33.3511
32	23.9247	26.1238	28.4460	30.9023	33.5062
33	23.9924	26.2108	28.5565	31.0425	33.6824
34	24.0697	26.3096	28.6826	31.2017	33.8821
35 -	24.1575	26.4223	28.8258	31.3822	34.1089
36	24.2578	26.5505	28.9882	31.3872	34.3660
37	24.3718	26.6958	29.1726	31.8195	-34.6574
38	24.5010	26.8608	29.3816	32.0829	34.9873
39	24.6478	27.0478	29.6184	32.3809	35.3603
40	24.8142	27.2597	29.8865	32.7179	35.7826
41	25.0026	27.4994	30.1892	33.0992	36.2606
42	25.2157	27.7702	30.5319	33.5306	36.8020
43	25.4562	28.0763	30.9193	34.0189	37.4154
44	25.7280	28.4222	31.3576	34.5719	38.1105
45	26.0349	28.8132	31.8535	35.1981	38.8994
46	26.3816	29.2554	32.4146	35.9082	39.7969
47	26.7732	29.7553	33.0504	36.7155	40.8196
48	27.2156	30.3212	33.7726	37.6345	41.9873
49	27.7159	30.9634	34.5941	38.6831	43.3249
50	28.2832	31.6933	35.5305	39.8830	44.8604
51	28.9273	32.5245	36.6011	41.2592	46.6288
52	29.6601	33.4738	37.8277	42.8425	48.6704
53	30.4963	34.5604	39.2374	44.6683	51.0293
54	31.4523	35.8079	40.8611	46.7751	53.7573
55	32.5484	37.2427	42.7320	49.2079	56.9187
56	33.8075	38.8935	44.8888	52.0223	60.5967
57	35.2537	40.7932	47.3793	55.2906	64.9007
58	36.9149	42.9826	50.2657	59.1073	69.9834
59	38.8252	45.5144	53.6292	63.6052	76.0559
60	41.0290	48.4577	57.5840	68.9675	83.4036
61 52 63 64	43.5846 46.5747 50.1134 54.3535	51.9103 56.0069 60.9289	62.2882 67.9542	75.4416	

5%

# **TERMINAL RESERVES**



## PURE ENDOWMENT

·YEARS							
Age	21	22	23	24	25		
20	34.9674	37.6025	40.3674	43.2703	46.3214		
21	35.0236	37.6706	40.4494	43.3698	46.4414		
22	35.0853	37.7452	40.5404	43.4798	46.5749		
23	35.1531	37.8281	40.6409	43.6023	46.7242		
24	35.2282	37.9197	40.7528	43.7392	46.8915		
25	35.3113	38.0217	40.8781	43.8928	47.0812		
26	35.4040	38.1359	41.0186	44.0670	47.2958		
27	35.5078	38.2641	41.1782	44.2642	47.5399		
28	35.6244	38.4098	41.3588	44.4855	47.8166		
29	35.7569	38.5748	41.5644	44.7429	48.1299		
30	35.9070	38.7626	41.7976	45.0309	48.4854		
31	36.0781	38.9758	42.0618	45.3579	48.8884		
32	36.2723	39.2173	42.3617	45.7286	49.3453		
33	36.4923	39.4914	42.7017	46.1489	49.8630		
34	36.7421	39.8022	43.0871	46.6249	50.4488		
35	37.0253	40.1546	43.5237	47.1637	51.1130		
36	37.3464	40.5537	44.0177	47.7743	51.8659		
37	37.7099	41.0052	44.5774	48.4664	52.7202		
38	38.1211	41.5167	45.2116	49.2514	53.6903		
39	38.5868	42.0960	45.9308	50.1425	54.7923		
40	39.1140	42.7527	46.7469	51.1544	56.0464		
41	39.7115	43.4976	47.6732	52.3054	57.4776		
42	40.3889	44.3427	48.7264	53.6184	59.1136		
43	41.1570	45.3029	49.9270	55.1184	60.9886		
44	42.0292	46.3970	51.2979	56.8365	63.1443		
45	43.0223	47.6454	52.8670	58.8105	65.6293		
46 47 48 49	44.1546 45.4488 46.3924 48.6372	49.0733 50.7115 52.5956	54.6687 56.7424	61.0845			

# **TERMINAL RESERVES**

### **PURE ENDOWMENT**

#### Per \$1 of Pure Endowment Net Annual Premium

YEARS 26 Age 27 28 30 29 20 49.5308 52.9109 56.4756 60.2407 64.2261 21 49.6760 53.0868 56.6888 60.5011 64.5427 22 49.8382 53.2840 56.9303 60.7953 64.9021 23 50.0201 53,5073 57.2030 61.1292 65.3090 24 50.2262 53.7596 57.5127 61.5074 65.7692 25 50.4591 54.0463 57.8636 61.9352 66.2911 58.2606 26 50.7240 54.3712 62,4205 66.8823 27 51.0241 54.7389 58.7110 62.9703 67.5526 28 59.2214 51.3640 55.1561 63.5937 68.3120 29 51.7496 59.8000 55.6289 64.2999 69.1718 30 52.1866 56.1649 60.4555 65.0996 70.1472 31 52.6820 56.7722 61,1978 66.0665 71.2537 57.4598 62.0395 67.0353 32 53.2434 72.5106 33 53.8789 58.2394 62.9943 68.2037 73.9396 -54.5993 59.1235 64.0783 69.5319 75.5655 34 55.4162 60.1272 65.3104 71.0427 35 77.4189 36 56.3434 61.2676 66.7114 72.7644 79.5378 62.5640 74.7321 37 57.3965 68.3075 81.9651 64.0405 70.1311 76.9854 38 58.5933 84.7532 59.9558 65.7268 72.2186 79.5727 39 87.9671 61.5114 67.6562 74.6144 82.5538 40 91.6825 63.2905 69.8698 77.3737 85.9985 41 65.3305 72.4178 80.5604 42 67.6775 75.3589 43 70.3847 44

# **TERMINAL RESERVES**



31/2%

### Per \$1 of Pure Endowment Net Annual Premium

### YEARS

Age	31	32	33	34	35
20	68.4519	72.9437	77.7281	82.8364	88.3067
21	68.8379	73.4123	78.2953	83.5235	89.1372
22	69.2749	73.9421	78.9382	84.3016	90.0783
23	69.7692	74.5427	79.6662	85.1834	91.1445
24	70.3295	75.2230	80.4913	86.1823	92.3518
25	70.9642	75.9940	81.4261	87.3136	93.7214
26	71 6026	76 0676	02 40 47	00 5060	95.2760
26 27	71.6836 72.4987	76.8676 77.8568	82.4847 83.6856	88.5969 90.0534	97.0428
28	73.4218	78.9790	85.0485	91.7087	99.0531
28 29	74.4688	80.2524	86.5971	93.5917	101.3424
30	75.6568	81.6992	88.3587	95.7358	103.9548
00	10.0000	01.0772	00.0007	20.1000	100.2510
31	77.0065	83.3448	90.3641	98.1822	106.9450
32	78.5412	85.2178	92.6518	100.9818	110.3752
33	80.2878	87.3539	95.2692	104.1925	114.3214
34	82.2792	89.7974	98.2703	107.8852	118.8780
35	84.5566	92.5982	101.7209	112.1479	124.1557
36	87.1663	95.8177	105.7029	• 117.0837	
37	90.1650	99.5315	110.3119		
38	93.6230	103.8286			
39	97.6224				

\_\_\_\_\_

# **TERMINAL RESERVES**

# 31/2%

## PURE ENDOWMENT

		Y	EARS		
Age	36	37	38	39	40
20 21 22 23 24 25	94.1815 95.1847 96.3211 97.6082 99.0682 100.7254	$\begin{array}{c} 100.5115\\ 101.7215\\ 103.0918\\ 104.6464\\ 106.4110\\ 108.4167\end{array}$	107.3549 108.8124 110.4659 112.3428 114.4764 116.9046	114.7798 116.5367 118.5311 120.7984 123.3789 126.3189	122.8695 124.9868 127.3938 130.1336 133.2553 136.8201
26 27 28 29 30	102.6089 104.7523 107 1935 109.9797 113.1695	. 110.6993 113.2994 116.2674 119.6659 123.5660	119.6708 122.8290 126.4458 130.5971 135.3762	129.6759 133.5210 137.9350 143.0175 148.8918	140.9038 145.5924 150.9922 157.2344 164.4743
31 32 33 - 34	116.8292 121.0407 125.9048 131.5405	128.0548 133.2407 139.2510	140.8985 147.3006	155.7034	

## 180

### AMER. EXP.

# **TERMINAL RESERVES**



## PURE ENDOWMENT

Per \$1 of Pure Endowment Net Annual Premium

### YEARS

Age	41	42	43	44	45
20 21 22 23 24	131.7210 134.2741 137.1803 140.4920 144.2741	141.4513 144.5314 148.0416 152.0509 156.6446	152.1998 155.9174 160.1639 165.0300 170.6192	164.1330 168.6274 173.7780 179.6948 186.5128	177.4561 182.9039 189.1628 196.3760 204.7214
25	148.6072	161.9203	177.0590	194.4000	214.4099
26 27 28 29	153.5829 159.3142 165.9410 173.6285	167.9980 175.0267 183.1821	184.5075 193.1518	203.5550	

.

# **TERMINAL RESERVES**

# 31/2%

## PURE ENDOWMENT

### Per \$1 of Pure Endowment Net Annual Premium

#### YEARS Age 46 48 47 49 50 20 192.4237 228.5972 276,1520 209.3430 250.6680 21 199.0398 217.3998 262.7377 238.4430 22 206.6656 226.7237 249.8783 23 215.4898 237.5514 24 225.7354

----

182

# MEAN RESERVES

-----



## PURE ENDOWMENT

		YE	ARS		
Age	I	2	3	4	5
20 21 22 23 24 25	1.0216 1.0216 1.0217 1.0217 1.0217 1.0217 1.0217	2.0873 2.0874 2.0875 2.0876 2.0878 2.0879	3.1991 3.1994 3.1996 3.1999 3.2002 3.2005	4.3592 4.3597 4.3602 4.3607 4.3613 4.3618	5.5698 5.5706 5.5714 5.5723 5.5732 5.5741
26	1.0218	2.0880	3.2008	4.3624	5.5752
27	1.0218	2.0882	3.2012	4.3631	5.5764
28	1.0218	2.0883	3.2016	4.3639	5.5776
29	1.0219	2.0885	3.2020	4.3647	5.5790
30	1.0219	2.0887	3.2024	4.3655	5.5804
31	1.0220	2.0889	3.2029	4.3665	5.5820
32	1.0220	2.0891	3.2034	4.3675	5.5837
33	1.0221	2.0893	3.2040	4.3686	5.5856
34	1.0221	2.0896	3.2046	4.3698	5.5877
35	1.0222	2.0899	3.2053	4.3711	5.5900
36	1.0223	2.0902	3.2061	4.3727	5.5926
37	1.0223	2.0905	3.2069	4.3743	5.5954
38	1.0224	2.0909	3.2079	4.3761	5.5985
39	1.0225	2.0913	3.2089	4.3781	5.6018
40	1.0226	2.0917	3.2100	4.3802	5.6056
41	1.0227	2.0923	3.2112	4.3826	5.6098
42	1.0229	2.0928	3.2126	4.3854	5.6146
43	1.0230	2.0934	3.2141	4.3884	5.6200
44	1.0232	2.0941	3.2159	4.3919	5.6261
45	1.0234	2.0949	3.2179	4.3959	5.6332
46	1.0236	2.0958	3.2202	4.4005	5.6413
47	1.0238	2.0969	3.2228	4.4058	5.6507
48	1.0241	2.0981	3.2258	4.4118	5.6613
49	1.0244	2.0995	3.2293	4.4187	5.6733
50	1.0247	2.1010	3.2332	4.4264	5.6867
51	1.0251	2.1028	3.2376	4.4351	5.7017
52	1.0256	2.1047	3.2424	4.4447	5.7186
53	1.0261	2.1069	3.2479	4.4556	5.7374
54	1.0267	2.1094	3.2541	4.4677	5.7585
55	1.0273	2.1121	3.2609	4.4812	5.7820
56	1.0280	2.1152	3.2685	4.4962	5.8082
57	1.0288	2.1186	3.2770	4.5129	5.8374
58	1.0297	2.1224	3.2864	4.5316	5.8701
59	1.0306	2.1266	3.2969	4.5525	5.9066
60	1.0317	2.1313	3.3086	4.5757	5.9473

# **MEAN RESERVES**

# 31/2%

## PURE ENDOWMENT

### Per \$1 of Pure Endowment Net Annual Premium

		YE	ARS			
Age	I	2	3	4	5	
61 62 63 64 65	1.0329 1.0342 1.0357 1.0373 1.0391	2.1365 2.1423 2.1487 2.1558 2.1638	3.3216 3.3361 3.3522 3.3702 3.3903	4.6016 4.6304 4.6627 4.6988 4.7393	5.9928 6.0437 6.1007 6.1647 6.2365	
66 67 68 69 70	1.0412 1.0434 1.0459 1.0486 1.0517	2.1727 2.1826 2.1936 2.2057 2.2192	3.4128 3.4378 3.4657 3.4966 3.5308	4.7844 4.8349 4.8913 4.9538 5.0224	6.3169 6.4070 6.5073 6.6184 6.7406	

.

# **MEAN RESERVES**



## PURE ENDOWMENT

YEARS								
Age	- 6	7	8	9	10			
20	6.8332	8.1518	9.5283	$\begin{array}{c} 10.9655\\ 10.9688\\ 10.9724\\ 10.9762\\ 10.9803\\ 10.9847 \end{array}$	12.4662			
21	6.8344	8.1536	9.5308		12.4707			
22	6.8356	8.1554	9.5334		12.4754			
23	6.8370	8.1574	9.5362		12.4804			
24	6.8384	8.1595	9.5392		12.4859			
25	6.8399	8.1618	9.5423		12.4919			
26	6.8416	8.1642	9.5458	10.9895	12.4983			
27	6.8434	8.1668	9.5496	10.9947	12.5053			
28	6.8453	8.1697	9.5587	11.0003	12.5129			
29	6.8475	8.1729	9.5581	11.0065	12.5213			
30	6.8497	8.1762	9.5630	11.0133	12.5306			
31	6.8522	8.1799	9.5683	11.0207	12.5407			
32	6.8549	8.1840	9.5742	11.0290	12.5519			
33	6.8580	8.1886	9.5807	11.0380	12.5641			
34	6.8613	8.1935	9.5878	11.0478	12.5775			
35	6.8649	8.1990	9.5957	11.0588	12.5925			
36	6.8690	8.2050	9.6043	11.0709	12.6092			
37	6.8734	8.2116	9.6139	11.0844	12.6278			
38	6.8782	8.2189	9.6246	11.0995	12.6488			
39	6.8836	8.2271	9.6366	11.1166	12.6725			
40	6.8897	8.2363	9.6501	11.1359	12.6996			
41	6.8965	8.2467	9.6654	11.1579	12.7306			
42	6.9042	8.2586	9.6829	11.1832	12.7662			
43	6.9129	8.2721	9.7031	11.2122	12.8067			
44	6.9230	8.2877	9.7262	11.2453	12.8527			
45	6.9346	8.3056	9.7526	11.2828	12.9048			
46	6.9478	8.3260	9.7825	11.3253	12.9638			
47	6.9630	8.3490	9.8162	11.3733	13.0303			
48	6.9800	8.3750	9.8543	11.4274	13.1052			
49	6.9993	8.4043	9.8972	11.4881	13.1893			
50	7.0208	8.4371	9.9452	11.5562	13.2836			
51	7.0451	8.4740	9.9990	11.6325	13.3894			
52	7.0722	8.5152	10.0593	11.7181	13.5081			
53	7.1024	8.5613	10.1267	11.8140	13.6415			
54	7.1363	8.6129	10.2023	11.9216	13.7912			
55	7.1741	8.6706	10.2870	12.0422	13.9592			
56	7.2164	8.7351	10.3818	12.1776	14.1484			
57	7.2636	8.8074	10.4881	12.3297	14.3617			
58	7.3164	8.8882	10.6074	12.5010	14.6024			
59	7.3754	8.9789	10.7416	12.6940	14.8745			
60	7.4415	9.0806	10.8925	12.9120	15.1828			

# MEAN RESERVES



## PURE ENDOWMENT

	YEARS							
Age	6	7	8	9	10			
61 62 63 64 65	7.5156 7.5986 7.6919 7.7969 7.9148	9.1950 9.3237 9.4686 9.6320 9.8162	11.0627 11.2548 11.4718 11.7170 11.9934	13.1584 13.4374 13.7535 14.1107 14.5134	15.5324 15.9293 16.3793 16.8881 17.4624			
66 67 68 69 70	8.0474 8.1957 8.3607 8.5435 8.7460	10.0230 10.2542 10.5117 10.7985 11.1190	12.3036 12.6509 13.0395 13.4758 13.9694	14.9661 15.4751 16.0491 16.7012 17.4505	18.1110 18.8456 19.6836 20.6502 21.7791			

# **MEAN RESERVES**

### PURE ENDOWMENT

#### Per \$1 of Pure Endowment Net Annual Premium

YEARS 14" 15 Age II 12 13 20 14.0336 15.6708 17.3812 19.1688 21.0375 21 14.0393 15.6781 17.3907 19.1809 21.0525 22 21.0686 15.6862 17.4010 19.1938 14.0455 23 14.0522 15.6949 17.4121 19.2077 21.0862 24 14.0595 15:7042 17.4240 19,2230 21.1054 25 15.7144 17.4371 19.2396 21.1265 14.0673 26 14.0757 15.7254 17.4514 19.2580 21.1497 27 14.0850 15.7376 17.4671 19.2781 21.1751 28 14.0952 15.7510 19.3001 21.2029 17.4844 29 21.2335 . 15.7656 19.3242 14.1064 17.5033 30 14.1187 15.7817 17.5241 19.3508 21.2674 31 14.1322 15.7993 17.5470 19.3803 21.3051 32 14.1470 17.5723 21.3470 15.8188 19.4130 33 14.1633 15.8404 17.6005 19.4495 21.3941 34 14.1814 21.4471 15.8644 17.6319 19.4905 14.2016 21.5074 35 15.8912 17.6673 19.5367 36 14.2241 15.9213 17.7072 19.5892 21.5760 37 14.2494 15.9553 17.7525 19.6491 21.6542 38 14.2781 15.9940 17.8042 19.7173 21.7434 39 14.3107 16.0382 17.8633 19.7952 21.8446 40 14.3480 16.0888 17.9307 19.8837 21.9596 41 14.3907 16.1465 18.0072 19.9841 22.0899 42 14.4395 16.2120 18.0941 20.0980 22.2376 43 14.4948 16.2863 18.1926 22.4045 20.2268 44 14.5576 16.3705 18.3040 20.3725 22.5930 45 14.6286 16.4657 18.4298 20.5367 22.8055 46 14.7088 16,5731 18.5716 20.7219 23.0454 47 14,7993 16.6940 18.7312 20.9306 23.3160 48 14.9009 16.8299 18.9108 21.1657 23.6212 49 15.0151 16.9828 19.1131 21.4308 23.9655 50 15.1434 17.1548 19.3409 21.7295 24.3542 51 15.2875 17.3482 19.5974 22.0663 24.7938 52 15.4494 17.5657 19.8863 25.2920 22.447053 15.6314 17.8106 20.2124 22.8779 25.8575 54 15.8359 18.0867 20.5814 23.3666 26.5010 55 16.0664 18.3987 23.9221 20.9992 27.2350 56 16.3266 18.7517 21.4736 24.554828.0739 57 16.6205 19.1520 22.0134 25.2771 29.0349 58 16.9534 19.6067 22.6286 26.1032 30.1362 59 17.3311 20.1243 23.3311 27.0482 31.3977 60 17.7601 20.7142 24.1331 28.1283 32.8430

=

# **MEAN RESERVES**



### PURE ENDOWMENT

### Per \$1 of Pure Endowment Net Annual Premium

.

		YF	ARS		
Age	11	12	13	14	15
61	18.2482	21.3862	25.0476	29.3628	34.5023
62	18.8030	22.1505	26.0900	30.7761	36.4149
63 · ·	19.4323	23.0192	27.2798	32.4004	38.6354
64	20.1451	24.0075	28.6430	34.2804	41.2401
65	20.9532	25.1358	30.2155	36.4790	44.3324
66	21.8723	26.4329	32.0486	39.0813	48.0680
67	22.9249	27.9398	34.2113	42.2159	52.6565
68	24.1434	29.7117	36.8088	46.0549	58.3727
69	25.5714	31.8335	39.9806	50.8223	65.6014
70	27.2763	34.4167	43.9066	56.8297	74.9375

# **MEAN RESERVES**



## PURE ENDOWMENT

YEARS							
Age	16	17	18	19	20		
20	22.9913	25.0348	27.1730	29.4111	31.7550		
21	23.0098	25.0577	27.2013	29.4458	31.7973		
22	23.0299	25.0827	27.2321	29.4838	31.8437		
23	23.0520	25.1102	27.2660	29.5253	31.8943		
24	23.0761	25.1402	27.3031	29.5659	31.9500		
25	23.1026	25.1731	27.3437	29.6208	32.0115		
26	23.1316	25.2091	27.3883	29.6760	32.0796		
27	23.1634	25.2488	27.4376	29.7372	32.1554		
28	23.1984	25.2926	27.4924	29.8053	32.2402		
29	23.2370	25.3412	27.5533	29.8815	32.3353		
30	23.2800	25.3954	27.6215	29.9671	32.4430		
31	23.3279	25.4561	27.6981	30.0641	32.5652		
32	23.3815	25.5243	27.7849	30 1742	32.7043		
33	23.4418	25.6016	27.8837	30.2995	32.8625		
34	23.5103	25.6897	27.9961	30.4422	33.0419		
35	23.5883	25.7899	28.1241	30.6040	33.2456		
36	23.6772	25.9042	28.2694	30.7877	33.4766		
37	23.7785	26.0338	28.4342	30.9961	33.7385		
38	23.8935	26.1809	28.6212	31.2323	34.0351		
39	24.0240	26.3478	28.8331	31.4997	34.3706		
40	24.1720	26.5370	29.0731	31.8022	34.7503		
41	24.3397	26.7510	29.3443	32.1442	35.1799		
42	24.5295	26.9930	29.6511	32.5313	35.6663		
43	24.7438	27.2663	29.9978	32.9691	36.2172		
44	24.9858	27.5751	30.3899	33.4648	36.8412		
45	25.2590	27.9241	30.8334	34.0258	37.5488		
46	25.5675	28.3185	31.3350	34.6614	38.3526		
47	25.9158	28.7643	31.9029	35.3830	39.2676		
48	26.3092	29.2684	32.5469	36.2036	40.3109		
49	26.7536	29.8397	33.2788	37.1386	41.5040		
50	27.2567	30.4883	34.1119	38.2068	42.8717		
51	27.8274	31.2259	35.0628	39.4302	44.4440		
52	28.4759	32.0670	36.1508	40.8351	46.2565		
53	29.2146	33.0284	37.3989	42.4529	48.3488		
54	30.0580	34.1301	38.8345	44.3181	50.7662		
55	31.0234	35.3956	40.4874	46.4700	53.5633		
56	32.1308	36.8505	42.3912	48.9556	56.8095		
57	33.4019	38.5235	44.5863	51.8350	60.5957		
58	34.8609	40.4488	47,1242	55.1865	65.0454		
59	36.5364	42.6698	50.0718	59.1172	70.3306		
60	38.4647	45.2434	53.5209	63.7758	76.6856		
61 62 63 64	40.6935 43.2884 46.3410 49.9754	48.2475 51.7908 56.0212	57.5993 62.4806	69.3649			

# **MEAN RESERVES**



### PURE ENDOWMENT

		· YI	EARS		
Age	21	22	23	24	25
20	$\begin{array}{c} 34.2107\\ 34.2621\\ 34.3184\\ 34.3801\\ 34.4483\\ 34.5238\end{array}$	36.7850	39.4850	42.3189	45.2959
21		36.8471	39.5600	42.4096	45.4056
22		36.9153	39.6428	42.5101	45.5274
23		36.9906	39.7345	42.6216	45.6633
24		37.0740	39.8363	42.7460	45.8154
25		37.1665	39.9499	42.8855	45.9870
26	34.6077	37.2700	40.0773	43.0428	46.1814
27	34.7016	37.3860	40.2212	43.2212	46.4021
28	34.8068	37.5171	40.3843	43.4222	46.6511
29	34.9259	37.6659	40.5696	43.6537	46.9364
30	35.0610	37.8348	40.7801	43.9143	47.2582
31	35.2146	38.0270	41.0188	44.2099	47.6232
32	35.3893	38.2448	41.2895	44.5452	48.0370
33-	35.5874	38.4919	41.5966	44.9253	48.5060
34	35.8121	38.7722	41.9447	45.3560	49.0369
35	36.0671	39.0900	42.3392	45.8437	49.6384
36	36.3562	39.4501	42.7857	46.3960	50.3201
37	36.6837	39.8576	43.2913	47.0219	51.0933
38	37.0542	40.3189	43.8642	47.7315	51.9709
39	37.4736	40.8414	44.5134	48.5367	52.9674
40	37.9483	41.4334	45.2498	49.4507	54.1004
41	38.4861	42.1046	46.0854	50.4893	55.3915
42	39.0955	42.8658	47.0346	51.6724	56.8660
43	39.7862	43.7300	48.1150	53.0227	58.5535
44	40.5699	44.7131	49.3475	54.5672	60.4904
45	41.4609	45.8339	50.7562	56.3388	62.7199
46 47 48 49	42.4758 43.6342 44.9599 46.4811	47.1140 48.5802 50.2640	52.3710 54.2270	58.3766	

190

# **MEAN RESERVES**



## PURE ENDOWMENT

YEARS					
Age	26	27	28	29	30
20	48.4261	51.7209	55.1933	58.8582	62.7334
21	48.5587	51.8814	55.3878	59.0950	63.0219
22	48.7066	52.0611	55.6072	59.3628	63.3487
23	48.8722	52.2637	55.8552	59.6661	63.7191
24	49.0589	52.4929	56.1362	60.0101	64.1383
25	49.2702	52.7527	56.4550	60.3994	64.6132
26	49.5099	53.0476	56.8159	60.8406	65.1514
27	49.7820	53.3815	57.2250	61.3407	65.7615
28	50.0903	53.7601	57.6888	61.9076	66.4529
29	50.4398	54.1893	58.2145	62.5500	67.2359
30	50.8360	54.6758	58.8102	63.2776	68.1234
31	51.2852	55.2271	59.4850	64.1022	69.1301
32	51.7944	55.8516	60.2497	65.0374	70.2730
33	52.3710	56.5592	61.1169	66.0990	71.5717
34	53.0241	57.3614	62.1009	67.3051	73.0487
35	53.7646	58.2717	63.2188	68.6766	74.7308
36	54.6047	59.3055	64.4895	70.2379	76.6511
37	55.5584	60.4803	65.9358	72.0198	78.8486
38	56.6418	61.8169	67.5858	74.0583	81.3693
39	57.8741	63.3413	69.4727	76.3957	84.2699
40	59.2789	65.0838	71.6353	79.0841	87.6182
41 42 43 44	60.8841 62.7221 64.8331 67.2645	67.0802 69.3742 72.0182	74.1218 76.9891	82.1861	i

# **MEAN RESERVES**



### PURE ENDOWMENT

#### Per \$1 of Pure Endowment Net Annual Premium

YEARS Age 31 32 33 34 35 75.8359 20 66.8390 71.1978 80.7823 86.0716 67.1903 71.6251 21 76.3538 81.4094 86.8304 2267.5885 72.1085 76.9402 82.1199 87.6900 72.6560 23 68.0391 77.6045 82.9248 88.6640 24 68.5494 73.2763 78.3572 83.8368 89.7671 25 69.1277 73.9791 79.2101 84.8699 91.0175 26 69.7830 74.7756 80.1762 86.0408 92.4365 27 81.2712 87.3695 70.5257 75.6778 94.0481 28 71.3669 76.7004 82.5138 88.8786 95.8809 29 72.3203 90.5944 77.8606 83.9248 97.9671 73.4020 79.1780 85.5290, 92.5473 100.3453 30 31 74.6301 80.6757 87.3545 94.7732 103.0636 32 76.0259 82.3795 89.4348 97.3168 106.1785 33 -77.6137 84.3209 91.8116 100.2309 109.7570 34 79.4224 86.5383 94.5339 103.5778 113.8816 35 81.4878 89.0774 97.6596 107.4344 118.6518 83.8521 91.9920 101.2603 111.8933 36 95.3483 37 86.5651 105.4217 38 89.6881 99.2258 39 93.2948

# **MEAN RESERVES**

## PURE ENDOWMENT

Per \$1 of Pure Endowment Net Annual Premium

YEARS

Age	36	37	38	39	40
20	91.7441	97.8465	104.4332	111.5674	119.3247
21	92.6610	98.9531	105.7670	113.1746	121.2618
22	93.6997	100.2065	107.2789	114.9985	123.4625
23	94.8764	101.6273	108.9946	117.0706	125.9660
24	96.2100	103.2396	110.9437	119.4277	128.8171
25	97.7234	105.0711	113.1607	122.1118	132.0695
26	99.4225	107.1541	115.6851	125.1734	135.7899
27	101.3976	109.5259	118.5642	128.6750	140.0567
28	103.6233	112.2305	121.8566	132.6904	144.9636
29	106.1611	115.3228	125.6315	137.3073	150.6260
30	109.0622	118.8678	129.9711	142.6340	157.1831
31	112.3871	122.9420	134.9767	148.8010	
32	116.2080	127.6407	140.7707		
33	120.6131	133.0779			
34	125.7093				

# **MEAN RESERVES**



## PURE ENDOWMENT

		YI			
Age	41	42	43	44	45
20	127.7953	137.0862	147.3256	158.6664	171.2946
21	130.1305	139.9028	150.7244	162.7724	176.2657
22	132.7871	143.1110	154.6028	167.4710	181.9704
23	135.8128	146.7715	159.0405	172.8624	188.5354
24	139.2647	150.9594	164.1319	179.0660	196.1171
25	143.2137	155.7638	169.9897	186.2295	204.9050
26	147.7434	161.2905	176.7528	194.5313	
27	152.9533	167.6705	184.5893		
28	158.9666	175.0616			
29	165.9315				

# **MEAN RESERVES**

## PURE ENDOWMENT

### Per \$1 of Pure Endowment Net Annual Premium

### YEARS

Age	46	47	48	49	50
20 21 22 23 24	185.4399 191.4719 198.4142 206.4329 215.7284	201.3834 208.7198 217.1947 227.0206	219.4701 228.4214 238.8010	240.1326 251.0904	263.9100

# MEAN ACCUMULATED

31/2%

## **TEMPORARY INSURANCE**

		YE	ARS		
Age	I	2	3	4	5
20	3.93	11.99	20.45	29.33	38.65
21	3.96	12.07	20.59	29.53	38.92
22	3.98	12.16	20.73	29.73	39.18
23	4.01	12.23	20.87	29.94	39.47
24	4.04	12.32	21.02	30.16	39.77
25	4.07	12.40	21.17	30.40	40.10
26	4.10	12.51	21.35	30.65	40.46
27	4.13	12.61	21.53	30.93	40.83
28	4.17	12.72	21.73	31.23	41.23
29	4.21	12.84	21.95	31.55	41.68
30	4.25	12.98	22.18	31.90	42.16
31	4.29	13.12	22.43	32.27	42.67
32	4.34	13.27	22.71	32.68	43.23
33	4.40	13.45	23.01	33.13	43.85
34	4.46	13.62	23.32	33.61	44.52
35	4.52	13.81	23.67	34.14	45.27
36	4.58	14.03	24.07	34.74	46.10
37	4.66	14.28	24.51	35.40	47.01
38	4.75	14.55	24.99	36.12	48.01
39	4.84	14.84	25.52	36.91	49.10
40	4.95	15.17	26.09	37.78	50.32
41	5.06	15.52	26.72	38.75	51.67
42	5.18	15.91	27.43	39.83	53.19
43	5.32	16.35	28.23	41.05	54.91
44	5.48	16.85	29.13	42.44	56.88
45	5.65	17.40	30.15	44.00	59.11
46	5.85	18.04	31.32	45.81	61.69
47	6.08	18.77	32.66	47.89	64.64
48	6.34	19.62	34.21	50.28	68.03
49	6.64	20.59	35.99	53.01	71.88
50	6.99	21.70	38.00	56.08	76.20
51	7.38	22.95	40.26	59.54	81.07
52	7.82	24.34	42.78	63.41	86.52
53	8.30	25.89	45.61	67.74	92.64
54	8.85	27.64	48.78	72.61	99.50
55	9.46	29.59	52.33	78.03	107.16
56	10.15	31.77	56.28	84.09	115.73
57.	10.90	34.18	60.67	90.85	125.31
58	11.74	36.86	65.56	98.40	136.05
59	12.68	39.86	71.04	106.85	148.06
60	13.72	43.20	77.14	116.27	161.50

......

## 196

### AMER. EXP.

# MEAN ACCUMULATED

31/2%

## **TEMPORARY INSURANCE**

YEARS .						
Age	I	2	3	• 4	5	
61	14.87	46.91	83.93	126.79	176.58	
62	16.15	51.02	91.48	138.56	193.50	
63	17.57	55.59	99.92	151.75	212.51	
64	19.15	60.69	109.36	166.53	233.92	
65	20.91	66.38	119.91	183.13	258.05	
66	22.85	72.71	131.71	201.75	285.25	
67	25.02	79.75	144.89	222.67	315.92	
68	27.43	87.61	159.63	246.14	350.40	
69	30.09	96.33	176.07	272.35	388.98	
70	33.05	106.01	194.31	301.45	431.96	

# MEAN ACCUMULATED

31/2%

## **TEMPORARY INSURANCE**

		YI	EARS		
Age	6	7	8	9	10
20	48.44	$58.71 \\ 59.12 \\ 59.56 \\ 60.03 \\ 60.52 \\ 61.06$	69.49	80.82	92.72
21	48.77		70.00	81.43	93.45
22	49.12		70.53	82.08	94.22
23	49.49		71.11	82.77	95.04
24	49.88		71.72	82.50	95.92
25	50.31		72.37	84.30	96.87
26	50.77	$\begin{array}{c} 61.63 \\ 62.26 \\ 62.94 \\ 63.66 \\ 64.45 \end{array}$	73.09	85.17	97.91
27	51.26		73.86	86.10	99.03
28	51.79		74.69	87.11	100.24
29	52.38		75.59	88.20	101.56
30	53.00		76.57	89.40	103.01
31	53.67	65.30	77.64	90.72	104.60
32	54.40	66.25	78.82	92.16	106.34
33	55.22	67.29	80.12	93.75	108.26
34	56.11	68.43	81.53	95.49	110.36
35	57.10	69.69	83.10	97.40	112.69
36	58.19	71.07	84.83	99.53	115.28
37	59.39	72.60	86.74	101.90	118.17
38	60.71	74.30	88.87	104.53	121.40
39	62.16	76.17	91.24	107.48	125.03
40	63.78	78.26	93.89	110.79	129.14
41	65.59	80.61	96.88	114.55	133.80
42	67.63	83.28	100.29	118.84	139.14
43	69.95	86.31	104.18	123.74	145.22
44	72.61	89.80	108.64	129.36	152.17
45	75.64	93.78	113.74	135.74	160.06
46	79.13	98.34	119.55	143.01	169.05
47	83.12	103.54	126.16	151.29	179.27
48	87.67	109.45	133.68	160.68	190.86
49	92.83	116.15	142.19	171.32	203.98
50	98.63	123.69	151.77	183.29	218.76
51	105.17	132.19	162.57	196.79	235.46
52	112.49	141.72	174.68	211.97	254.27
53	120.70	152.40	188.31	229.08	275.50
54	129.92	164.42	203.65	248.36	299.47
55	140.24	177.90	220.88	270.08	<b>32</b> 6.55
56	151.81	193.04	240.29	294.58	357.20
57	164.77	210.04	262.12	322.25	391.95
58	179.31	229.14	286.75	353.59	431.44
59	195.62	250.66	314.60	389.15	476.43
60	213.94	274.93	346.12	429.56	527.80

# MEAN ACCUMULATED

31/2%

-----

## TEMPORARY INSURANCE

		YE	ARS		
Agex	6	7.	8	9 :	IO .
61	234.57	302.34	381.86	475.59	586.61
62	257:79	333.34	422.48	528.15	654.06
63 64	284.00 313.65	368.72 408.39	468.72 521.49	588.28 657.13	731.53 820.52
65	347.21	453.77	581.69	735.91	922.76
11			(50.00	0.05 0.0	1040.20
66 67	385.19 428:13	505.30 563.69	650.23 728.21	825.98 929.07	1040.38 1176.14
68	476.52	629.73	816.95	1047.39	1333.72
69	530.84	704.36	918.11	1183.88	1518.20
·70	591.78	788.85	1034.06	1342.71	1736.48
(				• •	
11 1.2				r -	
1.1.6.1					
1.5 2.		:			
e. 1					
					•
10000					
1 1					
6				-	
i i					
	× 1 r				
1 z .				•.	
N 1					
,					
( 11)	-				
- C. H. 1					e
A start					
6	24 T				
		*			£. ()

# MEAN ACCUMULATED

31/2%

### **TEMPORARY INSURANCE**

		YE	ARS		
Age	II	12	13	14	57 \ 15
20	105.23	118.39	132.23	146.79	162.12
21	106.09	119.38	133.38	148.13	163.66
22	107.00	120.44	134.62	149.55	165.29
23	107.96	121.59	135.94	151.08	167.06
24	109.01	122.81	137.36	152.73	168.98
25	110.13	124.13	138.91	154.53	171.06
26	111.36	125.57	140.60	$\begin{array}{c} 156.51 \\ 158.65 \\ 161.00 \\ 163.57 \\ 166.38 \end{array}$	173.36
27	112.69	127.14	142.44		175.85
28	114.13	128.85	144.45		178.57
29	115.72	130.72	146.65		181.56
30	117.45	132.77	149.05		184.86
31	119.34	135.01	151.69	169.49	188.50
32	121.42	137.48	154.62	172.93	192.54
33	123.72	140.22	157.87	176.77	197.06
34	126.25	143.24	161.45	181.02	202.09
35 -	129.05	146.60	165.46	185.79	207.76
36	132.18	150.37	169.97	191.18	214.20
37	135.69	154.59	175.06	197.28	221.49
38	139.62	159.36	180.82	204.20	229.76
39	• 144.06	164.77	187.35	212.05	239.14
40	149.11	170.91	194.78	220.98	249.79
41	154.84	177.90	203.22	231.10	261.89
42	161.40	185.86	212.82	242.63	275.66
43	168.85	194.92	223.75	255.74	291.32
44	177.35	205.24	236.21	270.67	309.14
45	187.03	316.97	250.35	287.63	329.39
46	198.02	230.32	266.43	306.91	352.45
47	210.50	245.46	284.68	328.83	378.67
48	224.66	262.63	305.40	353.74	408.53
49	240.70	282.11	328.93	382.06	442.53
50	258.80	304.13	355.59	414.20	481.20
51	279.27	329.06	385.82	450.75	525.32
52	302.38	357.28	420.11	492.34	575.70
53	328.51	389.24	459.11	539.80	633.40
54	358.08	425.56	503.56	594.10	699.70
55	391.61	466.88	554.31	656.36	776.07
56	429.70	513.98	612.43	727.98	864.36
57	473.04	567.82	679.16	810.63	966.74
58	522.50	629.54	756.03	906.31	1085.79
59	579.12	700.53	844.87	1017.36	1224.52
60	644.06	782.37	947.73	1146.43	1386.52

.

#### AMER. EXP.

# **MEAN ACCUMULATED**



5 -

ε.

ę

### **TEMPORARY INSURANCE**

YEARS							
Age	II	12	13	14	15		
61	718.77	876.88	1066.97	1296.76	1576.39		
62	804.81	986.14	1205.44	1472.42	1800.04		
63	903.96	1112.61	1366.72	1678.66	2065.38		
64	1018.34	1259.40	1555.43	1922.56	2383.38		
65	1,150.59	1430.49	1777.74	2213.76	2768.87		
66	1303.95	1631.08	2041.99	2565.29	3243.56		
67	1482.94	1868.48	2359.64	2996.43	3837.81		
68	1693.70	2152.48	2747.50	3533.89	4593.38		
69	1944.47	2497.54	3228.70	4214.05	5570.26		
70	2247.60	2923.55	3834.74	5089.13	6861.31		

# MEAN ACCUMULATED

•

### **TEMPORARY INSURANCE**

	YEARS					
Age	16	17	18	19	20	
20	178.27	195.29	213.24	232.19	252.21	
21	180.03	197.30	215.54	234.81	255.19	
22	181.91	199.45	218.00	237.63	258.40	
23	183.94	201.79	220.69	240.70	261.90	
24	186.16	204.34	223.61	244.04	265.73	
25	188.57	207.12	226.80	247.69	269.92	
26	191.22	210.17	230.30	251.72	274.55	
27	194.10	213.49	234.14	256.15	279.66	
28	197.26	217.15	238.37	261.05	285.33	
29	200.73	221.19	243.06	266.49	291.65	
30	204.58	225.67	248.27	272.56	298.74	
31	208.83	230.64	254.08	279.37	306.72	
32	213.58	236.21	260.62	287.05	315.74	
33	218.89	242.47	268.01	295.75	325.95	
34	224.85	249.52	276.33	305.55	337.47	
35	231.59	257.51	285.78	316.67	350.54	
36-	239.24	266.58	296.49	329.29	365.38	
37	247.92	276.86	308.63	343.60	382.22	
38	257.76	288.52	322.41	359.86	401.35	
39	268.91	301.74	338.04	378.30	423.06	
40	281.59	316.78	355.83	399.27	447.77	
41	295.99	333.85	376.01	423.10	475.88	
42	312.37	353.28	399.00	450.27	507.97	
43	331.00	375.38	425.18	481.25	544.60	
44	352.21	400.56	455.04	516.64	586.52	
45	376.33	429.24	489.11	557.06	634.49	
46	403.82	461.97	528.03	603.34	689.58	
47	435.14	499.32	572.54	656.42	752.97	
48	470.84	541.98	623.53	717.43	826.07	
49	511.59	590.81	682.09	787.73	910.64	
50	558.09	646.74	759.40	868.88	1008.71	
51	611.33	710.98	827.04	962.91	1122.89	
52	672.34	784.94	916.82	1072.17	1256.25	
53	742.52	870.39	1021.07	1199.69	1412.60	
54	823.51	969.49	1142.59	1349.00	1596.46	
55	917.28	1084.79	1284.62	1524.26	1813.35	
56	1026.22	1219.36	1451.07	1730.67	2070.41	
57	1153.10	1376.76	1646.73	1974.84	2376.93	
58	1301.26	1561.44	1877.44	2265.43	2745.47	
59	1474.74	1779.03	2152.09	2614.11	3193.37	
60	1678.59	2036.76	2480.43	3036.80	3744.38	
61 62 63 64	1919.41 2206.06 2550.66 2969.91	2344.43 2715.43 3168.20	2877.50 3363.48	3555.57		

31/2%

# MEAN ACCUMULATED

31/2%

#### **TEMPORARY INSURANCE**

#### YEARS

Age	21	22	23	24	25
20	273.38	295.78	319.50	344.65	371.35
21	276.76	299.62	323.85	349.59	376.98
22	280.42	303.77	328.59	354.99	383.14
23	284.41	308.33	333.79	360.94	389.95
24	288.78	313.34	339.53	367.52	397.52
25	293.59	318.86	345.88	374.84	405.97
26	298.92	324.99	352.95	383.03	415.47
27	304.82	331.81	360.86	392.21	426.13
28	311.39	339.45	369.75	402.56	438.18
29	318.76	348.04	379.76	414.23	451.77
30	327.04	357.72	391.07	427.41	467.12
31 32 33	336.38 346.95 358.92	368.65 381.01 395.02	403.83 418.27 434.65	442.29 459.17	484.48 504.18
· 34 35	372.44 387.78	410.85 428.84	434.05 453.19 474.25	478.30 499.99 524.61	526.52 551.86 580.67
36	405.20	449.27	498.18	552.63	613.49
37	424.98	472.47	525.38	584.53	650.90
38	447.45	498.86	556.36	620.90	693.64
39	472.99	528.88	591.65	662.42	742.50
40	502.08	563.12	631.97	709.92	798.52
41	535.23	602.21	678.07	764.35	862.91
42	573.12	646.95	730.94	826.95	937.20
43	616.44	698.21	791.71	899.13	1023.15
44 45	666.10 723.12	757.15 825.03	861.79 942.77	982.64 1079.54	1023.13 1122.98 1239.31
46 47 48	788.79 864.61 952.41	903.47 994.40 1100.14	1036.73 1146.10	1192.44	
49	1054.43				

# MEAN ACCUMULATED

31/2%

### **TEMPORARY INSURANCE**

		YE	ARS		
Age	26	27	28	29	30
20	399.75	429.99	462.27	496.80	533.84
21	40.615	437.30	470.64	506.41	544.90
22	413.20	445.38	479.93	517.13	557.28
23	421.02	454.39	490.34	529.16	571.20
24	429.75	464.48	502.02	542.69	586.86
25	439.54	475.82	515.16	557.92	604.52
26	450.55	488.61	529.99	575.11	624.47
27	462.96	503.02	546.72	594.54	647.04
28	476.95	519.28	565.62	616.52	672.59
29	492.76	537.67	587.02	641.42	701.56
30	510.64	558.50	611.27	669.65	734.45
31	530.89	582.10	638.77	701.70	771.85
32	553.87	608.89	670.02	738.19	814.49
33	579.95	639.34	705.60	779.79	863.19
34	609.55	673.95	746.10	827.24	918.85
35	643.27	713.43	792.38	881.54	982.68
36	681.73	758.55	845.35	943.84	1056.14
37	725.65	810.15	906.07	1015.48	1140.88
38	775.90	869.32	975.91	1098.13	1238.99
39	833.47	937.33	1056.45	1193.78	1352.98
40	899.70	1015.79	1149.68	1305.94	1486.05
41 42 43 44	976.05 1064.44 1167.10 1286.86	1106.57 1212.09 1335.16	1257.98 1384.40	1434.64	

#### AMER. EXP.

# **MEAN ACCUMULATED**

31/2%

-----

### **TEMPORARY INSURANCE**

#### YEARS

Age	31	32	33	34	35
20	573.69	616.66	663.15	713.55	768.36
21	586.45	631.40	680.16	733.21	791.10
22	600.76	647.94	699 <b>.2</b> 9	755.35	816.74
23	616.85	666.56	720.85	780.34	845.71
24	634.99	687.58	745.22	808.60	878.51
25	655.46	711.33-	772.78	840.60	915.71
24	(70 (2	F20.00	004.00	074.00	05700
26	678.62	738.22	804.02	876.92	957.99
27	704.84	768.69	839.46	918.19	1006.12
28	734.55	803.26	879.74	965.19	1061.04
29	768.28	842.58	925.62	1018.81	1123.82
- 30	806.64	887.36	977.98	1080.14	1195.78
31	850.32	938.46	1037.85	1150.40	1278.50
32	900.22	996.93			
32	957.31		1106.50	1231.24	1373.98
		1063.98	1185.47	1324.54	1484.55
34	1022.71	1141.04	1276.53	1432.49	1613.03
35	1097.95	1229.98	1382.00	1558.02	1763.08
36	1184.81	1333.00	1504.64	1704.65	
37	1285.35	1452.74	1647.83	1704.05	
38	1402.23	1592.55	1017.00		
39	1538.63	1592.55			
55	1000.00				



# MEAN ACCUMULATED

31/2%

### **TEMPORARY INSURANCE**

\_\_\_\_\_

YEARS							
Age	.36	37	38	39	40		
20 21 22 23 24 25	828.15 854.47 879.18 917.79 955.90 999.19	893.56 924.06 953.51 997.55 1041.90 1092.36	965.37 1000.72 1040.72 1086.14 1137.82 1196.75	1044.45 1085.48 1132.00 1184.93 1245.26 1314.20	$\begin{array}{c} 1131.85\\ 1179.55\\ 1233.75\\ 1295.53\\ 1366.11\\ 1446.94 \end{array}$		
26 27 28 29 30	1048.49 1104.72 1169.00 1242.66 1327.35	1149.94 1215.74 1291.13 1377.82 1477.82	1264.11 1341.29 1430.00 1532.34 1650.81	1393.20 1483.99 1588.71 1709.94 1850.86	1539.88 1647.05 1771.09 1915.28 2083.64		
31 32 33 34	1425.04 1538.18 1669.75 1823.29	1593.57 1728.17 1885.38	1788.50 1949.33	2015.37	•		

AMER. EXP.

# MEAN ACCUMULATED

31/2%

### **TEMPORARY INSURANCE**

#### YEARS

Age	41	42	43	44	45
20	1228.81	1336.82	1457.62	1593.32	1746.45
21	1284.37	1401.65	1533.44	1682.20	1850.99
22	1347.64	1475.64	1620.18	1784.23	1971.41
23	1419.89	1560.36	1719.83	1901.84	2110.71
24	1502.65	1657.70	1834.71	2037.91	2272.56
25	1597.73	1769.92	1967.63	2196.01	2461.45
26	1707.42	1899.84	2122.15	2380.60	
27	1834.36	2050.82	2302.52		
28	1981.89	2227.07			
. 29	2154.15				

\_

31/2%

AMER. EXP.

-

# MEAN ACCUMULATED

#### **TEMPORARY INSURANCE**

YEARS							
Age	46	47	48	49	50		
20	1920.16	2118.26	2345.45	2607.60	2912.00		
21	2043.53	2264.40	2519.30	2815.34			
22	2186.17	2434.08	2722.05				
23	2351.87	2632.06					
24	2545.25						

.

# RECIPROCALS



Age	Of	Of	Of	Of	Of	
	Dx	Nx	Mx	Life Single	Immediate	
	Column	Column	Column	Premium	Life Annuity	
20	2147942	1015848	7537215	3509041	472941	
21	2240605	1066276	7742035	3455332	475887	
22	2337388	1119554	7950579	3401480	478977	
23	2438477	1175876	8162666	3347444	482218	
24	2544069	1235452	8378297	3293266	485621	
25	2654378	1298510	8597491	3238984	489196	
26	2769615	1365300	8820131	3184605	492956	
27	2890048	1436093	9046417	3130196	496910	
28	3015918	1511185	9276352	3075797	501070	
29	3147495	1590901	9509952	3021435	505450	
30	3285065	1675594	9747444	2967200	510064	
31	3428944	1765653	9988803	2913085	514925	
32	3579418	1861507	1023397	2859115	520059	
33	3736851	1963627	1048322	2805362	525476	
34	3901662	2072534	1073694	2751888	531192	
35	4074199	2188801	1099510	2698714	537235	
36	4254867	2313067	1125771	2645843	543629	
37	4444168	2446041	1152549	2593397	550394	
38	4642590	2588512	1179849	2541359	557557	
39	4850719	2741357	1207750	2489837	565144	
40	5069092	2905564	1236259	2438818	573191	
41	5298406	3083235	1265464	2388386	581729	
42	5539276	3272613	1295379	2338535	590801	
43	5792535	3478099	1326098	2289323	600445	
44	6058990	3700280	1357681	2240771	610709	
45	6339707	3940958	1390275	2192964	621631	
46	6635700	4202178	1423956	2145902	633268	
47	6948256	4486281	1458928	2099704	645670	
48	7278815	4795940	1495332	2054362	658890	
49	7628987	5134230	1533406	2009973	672989	
50	8000896	5504689	1573453	1966596	688009	
51	8396588	5911399	1615762	1924308	704023	
52	8818731	6359094	1660658	1883103	721090	
53	9270074	6853277	1708493	1843020	739290	
54	9753814	7400380	1759671	1804085	758716	
55	1027390	8007956	1814698	1766318	779447	
56	1083471	8684897	1874095	1729715	801581	
57	1144143	9441729	1938518	1694298	825223	
58	1210003	1029096	2008673	1660056	850491	
59	1281751	1124755	2085388	1626984	877515	
60	1360239	1232949	2169701	1595088	906420	

# RECIPROCALS



	Of Dx	Of Nx	Of Mx	Of Life Single	Of Immediate
Age	Column	Column	Column	Premium	Life Annuity
61	1446458	1355846	2262786	1564364	937356
62 · 63	1541604 1647102	1496082 1656876	2366069 2481205	1534810 1506407	970471 100593
64 .	1764649	1842188	2610155	1479136	104394
65	1896335	2056919	2755352	1452988	108468
66	2044760	2307170	2919844	1427964	112833
67	2213050	2600609	3107211	1404040	117512
68 69	2405107 2625830	2946908 3358402	3321928 3569644	$1381198 \\ 1359435$	122527 127898
70	2881288	3850932	3857223	1338715	133653
10	2001200	0000002	0007220	1000/15	100000
71	3179216	4445023	4193473	1319028	139815
72	3529304	5167521	4589223	1300320	146417
73 - 74	3943606 4437404	6053922 7151812	5057742 5615671	1282517 1265531	153512
75	5030510	8525949	6284407	1205551	169485
	0000010	0020919	0201107	1219250	109100
76	5749142	1026586	7092259	1233620	178563
77	6628531	1249744	8077231	1218555	188540
78 79	7717657 9085540	1540118 1924085	9292307 1081205	1204032 1190028	199557 211774
80	1083027	2441034	1274202	1176519	225390
50	1000027	211100,1	12/ 7202	11/0312	220000
81	1310214	3151307	1524565	1163600	240518
82	1611694	4149287	1855406	1151214	257448
83 84	2020222	5587878 7724436	2301615	1139288	276597 298658
85	3394318	1101380	2916623 3789229	1127686 1116345	324477
		1101000	0/0/22)	1110010	021177

# RECIPROCALS



OF						
	IMMEDIAT	E TEMPORARY	Y ANNUITIES			
Age	4 Years	9 Years	14 Years	19 Years		
20	266071	130840	927601	751371		
21	266085	130866	927928	751772		
22	266106	130895	928272	752196		
23	266127	130923	928634	752649		
24	266149	130955	929031	753142		
25	266170	130988	929454	753676		
26	266198	131024	929912	754262		
27	266227	131063	930414	754894		
28	266255	131105	930951	755584		
29	266283	131149	931541	756344		
30	266319	131199	932184	757174		
31	266354	131251	932879	758087		
32	266397	131311	933655	759100		
33	266439	131375	934510	760225		
34	266482	131444	935436	761475		
35	266532	131522	936461	762870		
36	266589	131607	937611	764432		
37	266652	131700	938888	766184		
38	266724	131804	940318	768149		
39	266802	131919	941921	770357		
40	266887	132048	943717	772839		
41	266973	132190	945743	775627		
42	267080	132350	948038	778774		
43	267194	132535	950634	782320		
44	267323	132742	953589	786318		
45	267466	132979	956919	790808		
46	267630	133299	960698	795855		
47	267824	133558	964962	801526		
48	268046	133908	969763	807878		
49	268298	134304	975172	814976		
50	268586	134749	981210	822890		
51	268904	135247	987957	831691		
52	269266	135801	995461	841475		
53	269665	136422	100383	852326		
54	270117	137112	101314	864379		
55	270614	137882	102349	877724		
56	271172	138737	103500	892499		
57	271791	139686	104779	908810		
58	272472	140742	106198	926810		
59	273232	141919	107775	946647		
60	274078	143223	109523	968476		



# RECIPROCALS

31/2%

These values are not pointed off in decimals.

Results should be pointed off as occasion requires.

**OF** 

#### **IMMEDIATE TEMPORARY ANNUITIES**

Age	5 Years	10 Years	15 Years	20 Years
20	217264	120116	882535	727178
21	217283	120143	882877	727596
22	217306	120172	883236	728035
23	217330	120202	883619	728513
24	217354	120234	884025	729028
25	217377	120270	884470	729586
26	217406	120308	884956	730199
27	217434	120349	885473	730866
28	217467	120393	886046	731593
29	217500	120441	886658	732391
30	217538	120492	887335	733267
31	217581	120549	888076	734231
32	217623	120611	888889	735305
33	217671	120680	889783	736502
34	217723	120754	890765	737828
35	217780	120836	891862	739311
36	217846	120926	893080	740971
37	217917	121026	894446	742837
38	217993	121137	895969	744934
39	218079	121259	897674	747278
40	218169	121396	899596	749918
41	218274	121550	901762	752882
42	218388	121723	904208	756224
43	218517	121920	906980	759977
44	218665	122145	910125	764210
45	218828	122399	913676	768959
46	219015	122690	917684	774293
47	219236	123021	922211	780275
48	219486	123396	927308	786962
49	219771	123819	933027	794439
50	220095	124293	939417	802761
51	220459	124825	946548	812011
52	220863	125417	954481	822281
53	221312	126078	963317	833667
<b>54</b>	221818	126815	973151	846289
55	222380	127636	984087	860245
56	223005	128548	996234	875664
57	223699	129561	100971	892666
58	224669	130687	102467	911386
59	225322	131938	104128	931993
<b>60</b>	226275	133330	105966	954636

# RECIPROCALS

.



		OF		
	IMMEDIATE '	TEMPORARY	ANNUITIES	
	То	То	То	То
Age	Age 65	Age 70	Age 75	Age 80
20	497510	485753	478643	474917
21 22	501905 506547	489440 493318	481914 485350	477975 481183
23	511456	497406	488962	484553
24	516652	501716	492761	488091
25 26	522158 528002	506268	496761	491811
20 27	534208	511075 516158	500979 505423	495729 499850
28	540801	521537	510110	504190
29	547819	527232	515060	508766
30	555300	533268	520289	513590
31 32	563279 571807	539671 546475	525815 531666	518678 524054
33	580936	553701	537863	529737
34	590713	561407	544428	535742
35 36	601211 612508	569609 578369	551390 558787	542097
37	624680	587724	566649	548829 555963
38 39	637824 652048	597736	575017	563533
40	667481	608458	583918	571563
41	684266	619970 632339	593415 603548	580097 589168
42	702583	645674	614383	598831
43 44	722637 744674	660062 675630	625982 638415	609125 620109
45	768958	692502	651759	631832
46	795798	710833	666098	644363
47 48	825777 859232	730807 752621	681533 698163	657722 672097
49	896781	776518	716112	687451
50	939496	802762	735494	703883
51 52	987957 104378	831691 863715	756475 779205	721496 740379
53	110868	899337	803910	760647
54	118509	939205	830834	782436
55 56 '	127636	984087 103500	860245 892499	805886
57		109327	892499 927988	831152 858428
58	i in t	116066	967240	887926
59 60		123956 133330	101087 105966	919904 954636

# American Experience 3%





-----

# NET PREMIUMS

3%

\_\_\_\_\_

	First Year	RENEWAL PREMIUMS				
Age	Premiums	Ordinary	20 Payment	15 Payment	10 Payment	
	All Forms	Life	Life	Life	Life	
20	7.58	14.72	24.30	30.28	43.14	
21	7.63	15.04	24.67	30.73	43.78	
22	7.68	15.38	25.05	31.20	44.44	
23	7.73	15.74	25.44	31.68	45.12	
24	7.78	16.11	25.85	32.18	45.82	
25 ·	7.83	16.51	26.27	32.70	46.55	
26	7.89	16.92	26.71	33.23	47.29	
27	7.96	17.35	27.17	33.79	48.07	
28	8.02	17.81	27.64	34.36	48.87	
29	8.10	18.28	28.12	34.95	49.69	
30	8.18	18.79	28.63	35.56	50.54	
31	8.26	19.32	29.15	36.19	51.42	
32	8.36	19.87	29.70	36.85	52.33	
33	8.46	20.46	30.27	37.53	53.27	
34	8.57	21.08	30.86	38.23	54.24	
35	8.69	21.74	31.47	38.96	55.24	
36	8.82	22.43	32.11.	39.71	56.27	
37	8.97	23.16	32.78	40.50	57.34	
38	9.13	23.93	33.48	41.31	58.44	
39	9.31	24.75	34.21	42.16	59.58	
40	9.51	25.62	34.98	43.04	60.76	
41	9.72	26.54	35.79	43.96	61.98	
42	9.95	27.52	36.64	44.91	63.24	
43	10.21	28.56	37.53	45.91	64.55	
44	10.51	29.67	38.47	46.96	65.91	
45	10.84	30.84	-39.47	48.06	67.31	
46	11.23	32.09	40.53	49.21	68.77	
47	11.65	33.43	41.65	50.41	70.29	
48	12.14	34.85	42.83	51.68	71.86	
49	12.72	36.36	44.09	53.01	73.50	
50	13.38	37.97	45.43	54.40	75.19	
51	14.12	39.68	46.86	55.87	76.94	
52	14.94	41.51	48.38	57.42	78.77	
53	15.86	43.46	50.01	59.05	80.66	
54	16.89	45.54	51.75	60.78	82.63	
55	18.03	47.76	53.61	62.61	84.69	
56	19.31	50.13	55.61	64.55	86.83	
57	20.71	52.66	57.76	66.62	89.06	
58	22.27	55.37	60.07	68.82	91.41	
59	24.00	58.27	62.57	71.18	93.86	
60 61 62 63 64 65	25.92 28.04 30.38 32.95 35.80 38.96	61.36 64.68 68.23 72.04 76.11 80.48	65.25	73.70	96.44	

AMER. EXP.

# NET PREMIUMS



.

FULL PRELIMINARY TERM

### ENDOWMENTS

	First Year	R	ENEWAL PREMIU	ns
4	All Forms	20 Year End.	15 Year End.	10 Year End.
Age		•		
20	7.58	43.26	61.08	99.40
21	7.63	43.31	61.11	99.42
22	7.68	43.35	61.15	99.45
23	7.73	43.40	61.18	99.48
24	7.78	43.45	61.23	99.52
25	7.83	43.51	61.27	99.55
26	7.89	43.57	61.32	99.59
27	7.96	43.64	61.37	99.63
28	8.02	43.72	61.43	99.68
29	8.10	43.80 .	61.50	_ 99.73
30	8.18	43.89	61.56	99.78
31	8.26	43.99	61.64	99.84
32	8.36	44.10	61.72	99.90
33	8.46	44.22	61.82	99.97
34	8.57	44.36	61.92	100.05
35	8.69	44.51	62.03	100.13
36	8.82	44.69	62.16	100.22
37	8.97	44.88	62.30	100.33
38	9.13	45.10	62.46	100.44
39	9.31	45.34	62.64	100.57
40	9.51	45.62	62.84	100.71
41	9.72	45.93	63.06	100.87
42	9.95	46.28	63.32	101.05
43	10.21	46.68	63.61	101.26
44	10.51	47.12	63.94	101.49
45	10.84	47.62	64.31	101.76
46	11.23	48.18	64.74	102.07
47	11.65	48.81	65.21	102.41
48	12.14	49.51	65.75	102.81
49	12.72	50.29	66.34	103.25
50	13.38	51.16	67.01	103.74
51	14.12	52.13	67.75	104.29
52	14.94	53.20	68.58	104.91
53	15.86	54.40	69.50	105.59
54	16.89	55.72	70.53	106.35
55	18.03	57.18	71.67	107.20
56	19.31	58.80	72.93	108.15
57	20.71	60.58	74.34	109.19
58	22.27	62.55	75.90	110.36
59	24.00	64.71	77.63	111.66
60	25.92	67.10	79.55	113.10

AMER. EXP.

# **NET PREMIUMS**



Per \$1,000 of Insurance, increasing by a similar Amount Yearly, and terminating entirely at end of period.

# Mortuary or Increasing Additions FULL LEVEL PREMIUMS

Age	20 Yrs.	15 Yrs.	10 Yrs.
20	78.00	59.30	40.96
21	79.01	59.89	41.29
22	80.10	60.54	41.64
23	81.30	61.24	42.02
24	82.61	62.00	42.44
25	84.06	62.84	42.89
26	85.65	63.75	43.36
27	87.42	64.75	43.89
28	89.39	65.85	44.46
29	91.59	67.05	45.09
30	94.06	68.37	45.77
31	96.86	69.84	46.53
32	100.00	71.48	47.36
33	103.54	73.31	48.27
34	107.50	75.36	49.27
35	111.95	77.68	50.38
36	116.93	80.31	51.61
37	122.48	83.28	52.99
38	128.66	86.63	54.53
39	135.52	90.40	56.28
40	143.11	94.64	58.27
41	151.51	99.38	60.54
42	160.77	104.68	63.11
43	170.96	110.59	66.03
44	182.12	117.14	69.31
45	194.32	124.40	73.00
46	207.64	132.42	77.12
47	222.13	141.27	81.73
48	237.85	150.99	86.85
49	254.84	161.66	92.53
50	273.14	173.32	98.80
51	292.78	186.07	105.73
52	313.75	199.96	113.37
53	335.97	215.06	121.78
54	359.34	231.44	131.00
55	383.74	249.15	141.11
56	409.08	268.23	152.20
57	435.24	288.69	164.32
58	462.17	310.47	177.54
59	489.81	333.48	191.96
60	518.09	357.62	207.62

AMER. EXP.

# TERMINAL RESERVES

3%

Ordinary Life

		YE	ARS		
Age	I	2	3	4	5
20	0.00	7.36	14.95	22.78	30.86
21	0.00	7.65	15.54	23.68	32.07
22	0.00	7.95	16.15	24.61	33.34
23	0.00	8.27	16.80	25.59	34.66
24	0.00	8.60	17.47	26.61	36.04
25	0.00	8.94	18.17	27.68	37.48
26	0.00	9.31	18.90	28.79	38.93
27	0.00	9.69	19.67	29.95	40.56
28	0.00	10.08	20.47	31.17	42.20
29	0.00	10.49	21.31	32.45	43.92
30	0.00	10.93	22.19	33.78	45.72
31	0.00	11.39	23.11	35.17	47.60
32	0.00	11.85	24.06	36.63	49.56
33	0.00	12.35	25.08	38.16	51.62
34	0.00	12.88	26.13	39.76	53.77
35	0.00	13.42	27.23	41.42	56.00
36	0.00	14.00	28.38	43.16	58.33
37	0.00	14.58	29.57	44.96	60.77
38	0.00	15.21	30.83	46.87	63.32
39	0.00	15.86	32.14	48.85	65.99
40	0.00	16.55	33.53	50.94	68.78
41	0.00	17.26	34.97	53.11	71.68
42	0.00	18.02	36.47	55.37	74.68
43	0.00	18.79	38.03	57.70	77.78
44	0.00	19.61	39.65	60.12	80.98
45	0.00	20.44	41.32	62.60	84.24
46	0.00	21.31	43.03	65.13	87.56
47	0.00	22.20	44.77	67.70	90.94
48	0.00	23.09	46.53	70.30	94.36
49	0.00	24.00	48.33	72.96	97.86
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00 0.00	24.93 25.88 26.86 27.85 28.87	50.17 52.05 53.97 55.92 57.91	75.68 78.45 81.28 84.15 87.08	101.43 105.06 108.75 112.51 116.33
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00 0.00	29.90 30.96 32.04 33.13 34.23	59.94 62.01 64.11 66.23 68.37	90.06 93.09 96.15 99.24 102.35	120.21 124.13 128.10 132.09 136.11
60	0.00	35.35	70.53	105.48	140.15
61	0.00	36.47	72.71	108.64	144.18
62	0.00	37.61	74.90	111.79	148.19
63 . ·	0.00	38.75	77.07	114.90	152.14
64	0.00	39.87	79.22	117.96	156.01
65	0.00	40.98	81.34	120.96	159.80

# **TERMINAL RESERVES**

## Ordinary Life

		YE	ARS		
Age	6	7	8	· 9	10
20	39.20	47.79	56.65	65.79	75.21
21	40.73	49.66	58.86	68.35	78.12
22	42.33	51.61	61.17	71.02	81.17
23	44.01	53.64	63.57	73.81	84.36
24	45.76	55.77	66.09	76.72	87.67
25	47.58	57.99	68.71	79.75	91.12
26	49.49	60.31	71.45	82.92	94.73
27	51.48	62.73	74.31	86.23	98.49
28	53.56	65.25	77.29	89.68	102.42
29	55.73	67.90	80.41	93.28	106.50
30	58.01	70.66	83.66	97.03	110.76
31	60.39	73.54	87.05	100.94	115.19
32	62.87	76.53	90.58	105.00	119,81
33	65.46	79.67	94.27	109.25	124.63
34	68.16	82.94	98.11	113.68	129.65
35	70.97	86.34	102.12	118.29	134.86
36 -	73.91	89.90	106.30	123.09	140.29
37	76.98	93.61	110.65	128.09	145.91
38	80.20	97.48	115.18	133.27	151.74
39	83.54	101.52	119.88	138.64	157.76
40	87.04	105.70	124.76	144.19	163.95
41	90.65	110.03	129.79	149.88	170.28
42	94.40	114.50	134.94	155.70	176.75
43	98.25	119.07	140.21	161.64	183.34
44	102.20	123.74	145.59	167.70	190.06
45	106.21	128.50	151.05	173.86	196.87
46	110.31	133.34	156.62	180.11	203.78
47	114.47	138.25	162.26	186.44	210.77
48	118.69	143.24	167.98	192.86	217.85
49	122.99	148.31	173.78	199.36	225.01
50	127.37	153.47	179.67	205.96	232.27
51	131.82	158.70	185.66	212.64	239.59
52	136.35	164.02	191.72	219.39	246.98
53	140.95	169.41	197.84	226.19	254.41
54	145.61	174.86	204.02	233.05	261.90
55	150.33	180.36	210.25	239.95	269.41
56	155.09	185.91	216.52	246.89	276.91
57	159.90	191.49	222.82	253.81	284.39
58	164.73	197.10	229.11	260.70	291.81
59	169.58	202.69	235.37	267.54	299.13
. 60	174.43	208.26	241.58	274.29	306.35
61	179.25	213.79	247.70	280.94	313.42
62	184.03	219.23	253.72	287.43	320.35
63	188.71	224.55	259.59	293.78	327.18
64	193.29	229.74	265.31	300.06	334.07
65	197.75	234.81	270.99	306.41	341.17

#### AMER. EXP.

# TERMINAL RESERVES

## Ordinary Life FULL PRELIMINARY TERM

		YEA	ARS		
Age	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
20	84.91	94.91	105.22	115.83	126.75
21	88.20	98.58	109.27	120.27	131.61
22	91.64	102.40	113.49	124.91	136.66
23	95.21	106.39	117.90	129.74	141.92
24	98.94	110.55	122.49	134.77	147.39
25	102.83	114.87	127.26	139.99	153.07
26	106.88	119.38	132.23	145.43	158.98
27	111.11	124.08	137.40	151.08	165.13
28	115.51	128.96	142.78	156.96	171.52
29	120.10	134.05	148.38	163.08	178.16
30	124.87	139.35	154.21	169.45	185.05
31	129.83	144.86	160.27	176.05	192.20
32	135.01	150.60	166.56	182.90	199.60
33	140.40	156.56	173.10	190.00	207.26
34	146.01	162.76	179.87	197.35	215.16
35	151.83	169.17	186.87	204.92	223.28
36	157.86	175.81	194.11	212.71	231.60
37	164.11	182.67	201.54	220.70	240.12
38	170.57	189.72	209.16	228.88	248.84
39	177.20	196.95	216.97	237.23	257.72
40	184.01	204.35	224.94	245.76	266.77
41	190.96	211.90	233.07	254.44	275.96
42	198.06	219.60	241.34	263.24	285.27
43	205.28	227.42	249.72	272.16	294.69
44	212.62	235.35	258.22	281.18	304.22
45	220.06	243.38	266.80	290.30	313.81
46	227.59	251.51	275.49	299.49	323.47
47	235.21	259.71	284.24	308.74	333.17
48	242.91	267.99	293.05	318.04	342.91
49	250.69	276.34	301.92	327.38	352.68
50	258.55	284.76	310.84	336.76	362.46
51	266.47	293.22	319.80	346.16	372.23
52	274.44	301,73	328.79	355.55	381.96
53	282.46	310.26	337.76	364.90	391.62
54	290.50	318.79	346.70	374.19	401.19
55	298.53	327.28	355.59	383.38	410.62
56	306.54	335.72	364.38	392.46	419.90
57	314.50	344.07	373.05	401.37	429.02
58	322.36	352.29	381.55	410.12	438.02
59	330.10	360.36	389.90	418.76	477.00
60	337.69	368.28	398.16	427.39	456.09
61	345.13	<sup>-376.10</sup>	406.41	436.16	465.41
62	352.49	383.95	414.81	445.18	475.11
63	359.87	391.95	423.49	454.59	485.26
64	367.43	400.25	432.61	464.51	495.93
65	375.35	409.05	442.27	475.00	507.24

3%

# **TERMINAL RESERVES**

### Ordinary Life FULL PRELIMINARY TERM

			YEARS			
Age	16	17	18	19	20	21
20	138.00	149.57	161.47	173.70	186.27	199.17
21	143.26	155.25	167.57	180.24	193.23	206.58
22	148.74	161.16	173.92	187.02	200.47	214.27
23	154.44	167.30	180.50	194.06	207.98	222.25
24	160.36	173.67	187.34	201.37	215.77	230.50
25	166.50	180.29	194.44	208.96	223.83	239.05
26	172.90	187.18	201.82	216.82	232.18	247.87
27	179.54	194.32	209.46	224.97	240.81	256.99
28	186.44	201.73	217.39	233.38	249.72	266.38
29	193.61	209.42	225.58	242.08	258.90	276.02
30	201.04	217.37	234.05	251.05	268.34	285.90
31	208.72	225.58	242.77	260.25	278.00	296.00
32	216.66	234.05	251.73	269.69	287.90	306.33
33	224.86	242.76	260.93	279.35	298.00	316.86
34	233.28	251.68	270.34	289.22	- 308.32	327.58
35	241.92	260.82	279.95	299.29	318.81	338.48
36	250.76	270.15	289.76	309.54	329.48	349.53
37	259.79	279.68	299.74	319.96	340.29	360.72
38	269.02	289.38	309.89	330.53	351.26	372.04
39	278.40	299.23	320.19	341.24	362.34	383.47
40	287.94	309.24	330.62	352.07	373.54	394.98
41	297.61	319.36	341.17	363.00	384.80	406.55
42	307.40	329.59	351.80	374.00	396.12	418.14
43	317.29	339.91	362.51	385.04	407.47	429.75
44	327.27	350.30	373.26	396.12	418.83	441.35
45	337.30	360.73	384.04	407.21	430.18	452.90
46	347.39	371.19	394.84	418.29	441.48	464.37
47	357.49	381.66	405.62	429.32	452.70	475.73
48	367.62	392.13	416.36	440.28	463.83	486.96
49	377.76	402.57	427.05	451.16	474.83	498.04
50	387.88	412.96	437.67	461.92	485.69	508.93
51	397.96	423.29	448.17	472.55	496.37	519.63
52	407.97	433.50	458.53	482.99	506.87	530.19
53	417.87	443.58	468.72	493.26	517.22	540.68
54	427.64	453.50	478.74	503.39	527.52	551.19
55	437.25	463.24	488.63	513.47	537.85	561.83
56	446.70	472.86	498.48	523.60	548.32	572.69
57	456.02	482.45	508.38	533.89	559.04	583.83
58	465.32	492.11	518.46	544.44	570.05	595.28
59	474.71	501.96	528.83	555.32	581.42	607.12
60	484.31	512.13	539.56	566.58	593.19	618.17
61	494.25	522.68	550.70	578.28	605.22	631.56
62	504.62	533.69	562.32	590.28	617.61	644.45
63	515.47	545.22	574.27	602.67	630.55	658.19
64	526.88	557.10	586.65	615.66	644.41	673.03
65	538.71	569.49	599.70	629.64	659.45	688 84

# **TERMINAL RESERVES**

3%

### 20 Payment Life

		YEA	ARS		
Age	I	2	3	4	5
20	0.00	17.31	35.23	53.79	73.00
21	0.00	17.66	35.93	54.84	74.43
22	0.00	17.99	36.61	55.89	75.86
23	0.00	18.34	37.34	56.99	77.35
24	0.00	18.71	38.08	58.13	78.89
25	0.00	19.09	38.84	59.30	80.47
26	0.00	19.48	39.64	60.50	82.10
27	0.00	19.88	40.45	61.74	83.77
28	0.00	20.29	41.28	63.01	85.50
29	0.00	20.71	42.15	64.33	87.26
30	0.00	21.16	43.04	65.67	89.09
31	0.00	21.61	43.95	67.05	90.96
32	0.00	22.06	44.88	68.48	92.88
33.	0.00	22.54	45.85	69.95	94.86
34	0.00	23.04	46.85	71.46	96.89
35	0.00	23.54	47.87	73.00	98.96
36	0.00	24.06	48.91	74.58	101.09
37	0.00	24.59	49.98	76.20	103.27
38	0.00	25.14	51.09	77.88	105.53
39	0.00	25.70	52.22	79.59	107.84
40 41 42 43 44	0.00 0.00 0.00 0.00 0.00 0.00	26.29 26.88 27.51 28.13 28.79	53.40 54.61 55.84 57.10 58.39	81.37 83.18 85.04 86.92 88.83	110.20 112.63 115.09 117.59 120.12
45	0.00	29.43	59,69	90.76	122.64
46	0.00	30.10	61.00	92.68	125.14
47	0.00	30.77	62.30	94.58	127.63
48	0.00	31.42	63.58	96.46	130.09
49	0.00	32.08	64.86	98.34	132.54
50	0.00	32.73	66.14	100.23	134.98
51	0.00	33.39	67.43	102.10	137.41
52	0.00	34.06	68.71	103.97	139.82
53	0.00	34.72	70.00	105.82	142.20
54	0.00	35.39	71.28	107.68	144.59
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00 0.00	36.05 36.73 37.42 38.10 38.78	72.57 73.87 75.17 76.47 77.76	109.54 111.40 113.25 115.08 116.90	146.96 149.32 151.64 153.93 156.20
60	0.00	39.47	79.04	118.71	158.45

# **TERMINAL RESERVES**

### 20 Payment Life

### FULL PRELIMINARY TERM

		YE	ARS		
Age	6	7	8	9	io
20	92.91	113.52	134.86	156.97	179.86
21	94.71	115.71	137.46	159.99	183.31
22	96.53	117.93	140.10	163.05	186.82
23	98.42	120.24	142.83	166.23	190.45
24	100.37	122.62	145.65	169.50	194.18
25	102.38	125.07	148.55	172.86	198.02
26	104.45	127.59	151.53	176.32	201.98
27	106.57	130.17	154.59	179.87	206.03
28	108.75	132.82	157.74	183.51	210.19
29	111.00	135.56	160.97	187.26	214.45
30	113.31	138:37	164,29	191.10	218.83
31	115.68	141.25	167,68	195.02	223.30
32	118.11	144.19	171,16	199.04	227.87
33	120.61	147.23	174,73	203.17	232.57
34	123.17	150.33	178,39	207.40	237.38
35	125.78	153.50	182.13	211.72	242.28
36	128.47	156.76	185.97	216.14	247.30
37	131.23	160.10	189.89	220.66	252.40
38	134.07	163.52	193.91	225.26	257.59
39	136.97	167.02	197.99	229.93	262.85
40	139.94	170.58	202.15	234.67	268.15
41	142.96	174.20	206.36	239.44	273.47
42	146.03	177.86	210.59	244.22	278.80
43	149.13	181.53	214.81	248.99	284.10
44	152.24	185.20	219.03	253.74	289.37
45	155.33	188.85	223.21	258.45	294.59
46	158.40	192.47	227.36	263.11	299.74
47	161.45	196.06	231.47	267.71	304.81
48	164.46	199.59	235.50	272.21	309.76
49	167.45	203.09	239.48	276.64	314.64
50	170.42	206.56	243.41	281.02	319.42
51	173.36	209.97	247.27	285.28	324.07
52	176.27	213.35	251.07	289.47	328.60
53	179.15	216.67	254.79	293.54	332.98
54	182.01	219.94	258.43	297.50	337.22
55	184.83	223.16	261.98	301.35	341.32
56	187.61	226.31	265.45	305.07	345.22
57	190.35	229.39	268.81	308.62	348.92
58	193.04	232.40	272.03	312.00	352.38
59	195.67	235.30	275.12	315.18	355.57
60	198.23	238.09	278.04	318.13	358.47

#### AMER. EXP.

# **TERMINAL RESERVES**



### 20 Payment Life

YEARS						
Age	II	12	13	14	15	
20	203.57	228.14	253.59	279.94	307.25	
21	207.47	232.50	258.42	285.27	313.09	
22	211.43	236.93	263.33	290.68	319.02	
23	215.53	241.51	268.41	296.28	325.14	
24	219.75	246.22	273.63	302.03	331.42	
25	224.09	251.05	278.98	307.90	337.85	
26	228.54	256.04	284.51	313.98	344.49	
27	233.11	261.13	290.14	320.16	351.26	
28	237.79	266.35	295.91	326.51	358.19	
29	242.59	271.70	301.83	333.01	365.29	
30	247.51	277.19	307.89	339.67	372.56	
31	252.54	282.79	314.09	346.46	379.96	
32	257.69	288.52	320.41	353.40	387.51	
33	262.97	294.39	326.89	360.47	395.20	
34	268.36	300.38	333.47	367.67	403.01	
35	273.86	306.47	340.16	374.96	410.91	
36	279.46	312.67	346.96	382.35	418.88	
37	285.15	318.95	353.82	389.79	426.91	
38	290.94	325.31	360.74	397.29	435.00	
39	296.76	331.69	367.68	404.80	443.08	
40	302.61	338.09	374.64	412.31	451.17	
41	308.48	344.51	381.61	419.83	459.24	
42	314.34	350.91	388.53	427.29	467.25	
43	320.17	357.25	395.40	434.67	475.17	
44	325.95	363.54	402.18	441.97	483.00	
45	331.67	369.74	408.88	449.16	490.70	
46	337.29	375.83	415.44	456.20	498.24	
47	342.82	381.82	421.88	463.10	505.61	
48	348.23	387.65	428.14	469.78	512.75	
49	353.52	393.35	434.22	476.28	519.68	
50	358.68	398.88	440.12	482.56	526.37	
51	363.68	404.21	445.79	488.57	532.74	
52	368.53	409.37	451.25	494.33	538.84	
53	373.20	414.31	456.43	499.77	544.57	
54	377.69	419.01	461.33	504.88	549.92	
55	381.98	423.46	465.94	509.64	554.88	
56	386.03	427.62	470.17	513.97	559.35	
57	389.81	431.43	474.00	517.83	563.30	
58	393.28	434.87	477.40	521.19	566.76	
59	396.42	437.90	480.32	524.08	569.74	
60	399.19	440.51	482.80	526.53	572.31	

# **TERMINAL RESERVES**

### 20 Payment Life

#### FULL PRELIMINARY TERM

		YE	ARS		
Age	16	17	18	19	20
20	335.56	364.88	395.27	426.77	459.42
21	341.91	371.77	402.71	434.78	468.00
22	348.37	378.73	410.29	442.94	476.80
23	355.03	386.00	418.09	451.35	485.83
24	361.87	393.42	426.10	459.97	495.10
25	368.87	401.00	434.29	468.80	504.59
26	376.09	408.83	442.75	477.89	514.30
27	383.45	416.80	451.35	487.14	524.23
28	391.00	424.97	460.15	496.60	534.37
29	398.71	433.31	469.14	506.25	544.70
30	406.60	441.83	478.31	516.09	555.22
31	414.62	450.50	487.63	526.08	565.89
32	422.79	459.30	497.08	536.19	576.71
33	• 431.11	468.25	506.67	546.45	587.67
34 -	439.54	477.30	516.37	556.82	598.74
35	448.04	486.43	526.14	567.27	609.92
36	456.62	495.63	536.00	577.81	621.18
37	465.26	504.89	545.91	588.40	632.51
38	473.94	514.20	555.86	599.05	643.89
39	482.62	523.48	565.80	609.68	655.30
40	491.28	532.76	575.72	620.31	666.72
41	499.93	542.02	585.64	630.95	678.13
42	508.51	551.21	595.48	641.51	689.51
43	517.00	560.30	605.22	651.98	700.83
44	525.38	569.27	614.85	662.36	712.08
45	533.63	578.11	624.35	672.62	723.24
46	541.69	586.75	633.66	682.70	734.27
47	549.58	595.22	642.80	692.65	745.16
48	557.22	603.42	651.66	702.32	755.89
49	564.63	611.38	660.30	711.79	766.42
50	571.77	619.08	668.66	721.00	776.73
51	578.57	626.39	676,63	729.86	786.82
52	585.06	633.38	684.30	738.44	796.67
53	591.16	639.96	691.54	746.65	806.28
54	596.83	646.10	698.37	754.52	815.70
55	602.08	651.80	704.80	762.09	824.93
56	606.80	657.00	710.80	769.32	834.01
57	611.02	661.72	716.38	776.24	842.97
58	614.75	666.00	721.58	782.89	851.80
59	618.03	669.86	726.41	789.23	860.49
60	620.91	673.33	730.84	795.24	869.06

#### AMER. EXP.

# **TERMINAL RESERVES**

### 15 Payment Life

### FULL PRELIMINARY TERM

		YE	ARS		1
Age	I	2	3	4	5
20	0.00	23.52	47.88	73.13	99.30
21	0.00	23.94	48.74	74.44	101.07
22	0.00	24.37	49.62	75.79	102.91
23	0.00	24.82	50.54	77.19	104.80
24	0.00	25.29	51.48	78.63	106.75
25	$\begin{array}{c} 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \end{array}$	25.76	52.45	80.10	108.75
26		26.25	53.44	81.61	110.81
27		26.76	54.47	83.17	112.92
28		27.27	55.52	84.78	115.09
29		27.80	56.60	86.43	117.33
30	0.00	28.36	57.72	88.13	119.63
31	0.00	28.92	58.86	89.87	121.98
32	0.00	29.49	60.03	91.65	124.40
33	0.00	30.09	61.24	93.49	126.88
34	0.00	30.70	62.48	95.37	129.42
35	0.00	31.32	63.74	97.29	132.01
36	0.00	31.96	65.03	99.25	134.66
37	0.00	32.61	66.35	101.25	137.37
38	0.00	33.28	67.70	103.31	140.14
39	0.00	33.96	69.08	105.41	142.98
40	0.00	34.66	70.51	$107.56 \\ 109.75 \\ 111.98 \\ 114.23 \\ 116.51$	145.88
41	0.00	35.38	71.96		148.82
42	0.00	36.11	73.43		151.80
43	0.00	36.86	74.93		154.81
44	0.00	37.62	76.44		157.84
45	0.00	38.38	77.96	118.78	160.84
46	0.00	39.15	79.48	121.04	163.83
47	0.00	39.91	80.99	123.26	166.77
48	0.00	40.65	82.46	125.44	169.65
49	0.00	41.39	83.90	127.59	172.50
50	$\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\end{array}$	42.11	85.33	129.71	175.29
51		42.82	86.73	131.78	178.02
52		43.52	88.10	133.80	180.67
53		44.20	89.44	135.76	183.23
54		44.87	90.73	137.66	185.72
55	0.00	45.51	91.99	139.50	188.11
56	0.00	46.14	93.22	141.27	190.39
57	0.00	46.75	94.39	142.96	192.55
58	0.00	47.34	95.50	144.55	194.57
59	0.00	47.90	96.56	146.05	196.47
60	0.00	48.43	97.55	147.45	198.22

### **15 Payment Life**

### FULL PRELIMINARY TERM

		YE	EARS		
Age	6	7.	8	9	10
20	126.42	154.52	183.65	213.84	245.14
21	128.67	157.28	186.93	217.66	249.52
22	131.01	160.13	190.31	221.60	254.03
23	133.41	163.06	193.79	225.65	258.67
24	135.88	166.08	197.38	229.82	263.44
25	138.42	169.19	201.06	234.10	268.34
26	141.04	172.38	204.85	238.50	273.39
27	143.73	175.66	208.74	243.02	278.56
28	146.49	179.02	212.74	247.67	283.88
29	149.33	182.48	216.85	252.44	289.33
30	152.26	186.05	221.07	257.34	294.91
31	155.24	189.70	225.38	262.35	300.64
32	158.31	193.43	229.79	267.47	306.50
33	161.45	197.25	234.32	272.72	312.50
34 -	164.67	201.16	238.95	278.10	318.65
35	167.95	205.16	243.68	283.59	324.92
36	171.30	209.24	248.52	289.19	331.30
37	174.74	213.42	253.45	294.90	337.80
38	178.26	217.68	258.49	300.71	344.41
39	181.83	222.02	263.59	306.60	351.10
40	185.48	226.44	268.79	312.58	357.87
41	189.18	230.90	274.02	318.59	364.66
42	192.93	235.41	279.29	324.62	371.48
43	196.70	239.93	284.55	330.65	378.30
44	200.46	244.43	289.81	336.66	385.09
45	204.20	248.90	295.02	342.63	391.82
46	207.91	253.33	300.19	348.54	398.51
47	211.56	257.71	305.28	354.37	405.09
48	215.15	262.00	310.28	360.09	411.56
49	218.68	266.21	315.17	365.69	417.91
50	222.13	270.32	319.96	371.17	424.10
51	225.50	274.33	324.62	376.49	430.12
52	228.77	278.22	329.13	381.64	435.94
53	231.94	281.97	333.47	386.58	441.52
54	234.98	285.57	337.61	391.29	446.86
55	237.89	288.98	341.54	395.76	451.91
56	240.66	292.22	345.26	399.98	456.66
57	243.26	295.26	348.71	403.87	461.05
58	245.70	298.07	351.89	407.44	465.07
58	247.94	300.63	354.76	410.64	468.64
60	249.98	302.92	. 357.29	413.42	471.75

# TERMINAL RESERVES

# 3%

### 15 Payment Life

FULL PRELIMINARY TERM

		YE	ARS		
Age	11	12	<b>13</b>	14	15
20	277.59	311.25	346.14	382.33	419.88
21	282.56	316.80	352.30	389.13	427.36
22	287.66	322.52	358.67	396.16	435.04
23	292.90	328.39	365.19	403.36	442.95
24	298.30	334.44	371.91	410.78	451.08
25	303.84	340.65	378.81	418.38	459.42
26	309.54	347.03	385.89	426.20	468.00
27	315.40	353.57	393.16	434.21	476.80
28	321.39	360.28	400.60	442.43	485.83
29	327.55	367.18	408.27	450.88	495.10
30	333.88	374.25	416.12	459.55	504.59
31	340.34	381.49	424.15	468.40	514.30
32	346.95	388.89	432.36	477.45	524.23
33	353.73	396.46	440.77	486.71	534.37
34	360.66	404.21	449.34	496.15	544.70
35	367.72	412.09	458.07	505.76	555.22
36	374.91	420.10	466.94	515.51	565.89
37	382.23	428.26	475.95	525.40	576.71
38	389.66	436.52	485.06	535.41	587.67
39	397.16	444.84	494.26	545.51	598.74
40	404.73	453.25	503.54	555.72	609.92
41	412.33	461.69	512.86	565.97	621.18
42	419.96	470.17	522.22	576.28	632.51
43	427.59	478.64	531.59	586.61	643.89
44	435.18	487.08	540.94	596.93	655.30
45	442.73	495.48	550.24	607.24	666.72
46	450.21	503.81	559.51	617.52	678.13
47	457.60	512.06	568.68	627.73	689.51
48	464.86	520.18	577.74	637.84	700.83
49	471.99	528.15	586.65	647.83	712.08
50	478.95	535.95	595.40	657.68	723.24
51	485.72	543.56	603.97	667.36	734.27
52	492.27	550.94	612.31	676.85	745.16
53	498.57	558.06	620.39	686.11	755.89
54	504.60	564.88	628.18	695.10	766.42
55	510.30	571.39	635.66	703.82	776.73
56	515.68	577.51	642.75	712.18	786.82
57	520.66	583.22	649.44	720.19	796.67
58	525.22	588.50	655.70	727.84	806.28
59	529.29	593.27	661.47	735.09	815.70
- 60	532.85	597.51	666.77	752.00	824.93

# **TERMINAL RESERVES**

#### 10 Payment Life

### FULL PRELIMINARY TERM

		YE	ARS		
Age	I	2	3	4	5
20	0.00	36.87	75.10	114.75	155.87
21	0.00	37.48	76.35	116.66	158.46
22	0.00	38.11	77.64	118.63	161.14
23	0.00	38.77	78.97	120.67	163.91
24	0.00	39.45	80.34	122.77	166.76
25	0.00	40.14	81.76	124.93	169.68
26	0.00	40.85	83.21	127.14	172.69
27	0.00	41.58	84.70	129.42	175.80
28	0.00	42.34	86.24	131.77	178.99
29	0.00	43.12	87.83	134.19	182.27
30	0.00	43.92	89.46	136.68	185.64
31	0.00	44.74	91.13	139.22	189.10
32	0.00	45.58	92.84	141.84	192.66
33	0.00	46.45	94.61	144.54	196.31
34	0.00	47.34	96.41	147.30	200.05
35	0.00	48.25	98.26	150.11	203.87
36	0.00	49.18	100.15	152.99	207.79
37	0.00	50.13	102.08	155.94	211.79
38	0.00	51.10	104.06	158.96	215.89
39	0.00	52.09	106.07	162.04	220.06
40	0.00	53.11	108.14	165.19	224.33
41	0.00	54.14	110.25	168.39	228.68
42	0.00	55.20	112.39	171.65	233.08
43	0.00	56.27	114.56	174.95	237.54
44	0.00	57.36	116.76	178.28	242.03
45	0.00	58.45	118.96	181.63	246.54
46	0.00	59.55	121.18	184.97	251.04
47	0.00	60.65	123.38	188.29	255.51
48	0.00	61.72	125.55	191.57	259.95
49	0.00	62.78	127.68	194.82	264.35
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00 0.00	63.83 64.86 65.87 66.85 67.80	129.80 131.88 133.91 135.89 137.80	198.04 201.19 204.28 207.28 210.19	268.70 272.98 277.16 281.25 285.22
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00 0.00	68.71 69.53 70.41 71.19 71.90	$139.64 \\ 141.41 \\ 143.08 \\ 144.64 \\ 146.08$	213.00 215.69 218.24 220.62 222.82	289.04 292.71 296.19 299.46 302.51
60	0.00	72.55	147.39	224.83	305.30

AMER. EXP.

# TERMINAL RESERVES

3%

### 10 Payment Life FULL PRELIMINARY TERM

-		VI	ADC		
Age	6	7	EARS 8	9	10
20	198.52	242.75	288.64	336.26	385.64
21	201.82	246.80	293.45	341.86	392.09
22	205.23	250.97	298.42	347.65	398.73
23	208.75	255.27	303.54	353.61	405.58
24	212.38	259.71	308.81	359.76	412.63
25	216.11	264.28	314.24	366.08	419.88
26	219.95	268.97	319.82	372.59	427.36
27	223.90	273.80	325.56	379.29	435.04
28	227.96	278.77	331.47	386.18	442.95
29	232.14	283.88	337.56	393.26	451.07
30	236.44	289.13	343.80	400.53	459.42
31	240.85	294.52	350.21	408.01	468.00
32	245.37	300.05	356.79	415.67	476.80
33	250.01	305.73	363.53	423.54	485.83
34	254.78	311.54	370.45	431.60	495.10
35	259.65	317.49	377.53	439.86	504.59
36	264.63	323.58	384.78	448.31	514.30
37	269.72	329.82	392.20	456.96	524.23
38	274.93	336.19	399.78	465.79	534.37
39	280.25	342.69	407.50	474.79	544.70
40	285.67	349.31	415.35	483.94	555.22
41	291.18	356.03	423.34	493.24	565.89
42	296.77	362.85	431.42	502.65	576.71
43	302.43	369.73	439.58	512.17	587.67
44	308.11	376.65	447.80	521.76	598.74
45	313.81	383.59	456.07	531.43	609.92
46	319.51	390.56	464.36	541.15	621.18
47	325.19	397.51	472.66	550.91	632.51
48	330.84	404.42	480.94	560.65	643.89
49	336.44	411.30	489.18	570.39	655.30
50	341.98	418.11	497.38	580.11	666.72
51	347.44	424.85	505.50	589.78	678.13
52	352.80	431.47	513.52	599.36	689.51
53	358.04	437.97	521.42	608.84	700.83
54	363.14	444.31	529.15	618.19	712.08
55	368.07	450.47	536.71	627.39	723.24
56	372.81	456.42	544.07	636.41	734.27
57	377.33	462.13	551.18	645.21	745.16
58	381.60	467.56	558.00	653.75	755.89
59	385.60	472.69	564.53	662.02	766.42
60	389.29	477.47	570.67	669.97	776.73

\_\_\_\_\_

# **TERMINAL RESERVES**

## 20 Year Endowment FULL PRELIMINARY TERM

	•	Y	EARS		
Age	I	2	3	4	5
20	0.00	37.00	75.36	115.14	156.40
21	0.00	36.99	75.35	115.13	156.38
22	0.00	36.99	75.34	115.12	156.36
23	0.00	36.99	75.33	115.11	156.34
24	0.00	36.99	75.33	115.10	156.33
25 26 27 28 29	0.00 0.00 0.00 0.00 0.00	36.99 36.99 36.99 36.99 37.00	75.33 75.33 75.33 75.33 75.33 75.34	115.09 115.09 115.09 115.09 115.10	156.32 156.31 156.31 156.31 156.31
30	0.00	37.01	75.35	115.11	156.32
31	0.00	37.02	75.37	115.13	156.34
32	0.00	37.03	75.40	115.16	156.37
33	0.00	37.05	75.43	115.20	156.41
34	0.00	37.07	75.47	115.25	156.46
35 36 37 38 39	0.00 0.00 0.00 0.00 0.00	37.10 37.14 37.18 37.23 37.29	75.52 75.58 75.65 75.74 75.85	115.31 115.39 115.49 115.61 115.76	156.53 156.62 156.73 156.88 157.07
40	0.00	37.36	75.98	115.94	157.30
41	0.00	37.45	76.14	116.16	157.57
42	0.00	37.55	76.33	116.42	157.87
43	0.00	37.66	76.54	116.69	158.19
44	0.00	37.78	76.77	116.98	158.53
45	0.00	37.92	77.02	117.29	158.88
46	0.00	38.07	77.29	117.62	159.24
47	0.00	38.23	77.56	117.96	159.60
48	0.00	38.39	77.83	118.30	159.96
49	0.00	38.55	78.11	118.66	160.34
50	0.00	38.72	78.41	119.03	160.74
51	0.00	38.90	78.73	119.44	161.17
52	0.00	39.10	79.08	119.87	161.63
53	0.00	39.31	79.45	120.34	162.12
54	0.00	39.54	79.85	120.86	162.66
55	0.00	39.80	80.29	121.43	163.26
56	0.00	40.08	80.77	122.05	163.92
57	0.00	40.38	81.29	122.71	164.64
58	0.00	40.71	81.85	123.42	165.41
59	0.00	41.06	82.45	124.18	166.24
60	0.00	41.43	83.09	124.99	167.13

#### AMER. EXP.

\_\_\_\_\_

# **TERMINAL RESERVES**

### 20 Year Endowment

### FULL PRELIMINARY TERM

		YE	ARS		
Age	6	7	8	9	10
20	199.20	243.59	289.64	337.40	386.97
21	199.17	243.55	289.59	337.35	386.90
22	199.14	243.51	289.54	337.30	386.84
23	199.12	243.48	289.50	337.25	386.78
24	199.10	243.45	289.46	337.20	386.72
25	199.08	243.42	289.42	337.15	386.66
26	199.06	243.40	289.38	337.10	386.60
27	199.05	243.38	289.35	337.05	386.54
28	199.04	243.36	289.32	337.01	386.48
29	199.04	243.35	289.30	336.97	386.42
30	199.05	243.35	289.28	336.93	386.36
31	199.06	243.35	289.27	336.90	386.30
32	199.08	243.36	289.27	336.88	386.26
33	199.11	243.38	289.28	336.87	386.23
34	199.16	243.42	289.31	336.87	386.21
35	199.23	243.48	289.36	336.90	386.21
36	199.33	243.57	289.44	336.96	386.24
37	199.46	243.70	289.56	337.05	386.30
38	199.62	243.87	289.72	337.18	386.39
39	199.82	244.08	289.91	337.34	386.49
40	200.08	244.33	290.13	337.52	386.60
41	200.36	244.61	290.37	337.71	386.70
42	200.67	244.91	290.62	337.89	386.78
43	201.01	245.22	290.88	338.05	386.84
44	201.36	245.53	291.13	338.19	386.87
45	201.71	245.83	291.36	338.31	386.86
46	202.06	246.13	291.57	338.41	386.82
47	202.40	246.42	291.76	338.48	386.74
48	202.73	246.70	291.94	338.52	386.62
49	203.07	246.99	292.11	338.55	386.46
50	203.44	247.29	292.29	338.58	386.28
51	203.85	247.61	292.49	338.60	386.08
52	204.28	247.96	292.71	338.63	385.86
53	204.76	248.34	292.95	338.67	385.63
54	205.29	248.77	293.22	338.72	385.40
55	205.87	249.25	293.53	338.79	385.18
56	206.50	249.78	293.87	338.87	384.92
57	207.18	250.35	294.24	338.94	384.62
58	207.92	250.96	294.62	338.99	384.24
59	208.71	251.59	294.99	339.00	383.78
60	209.54	252.24	295.35	338.94	383.21

\_\_\_\_

# **TERMINAL · RESERVES**



#### 20 Year Endowment

		YE	ARS	5	
Age	11	12	13	14	15
20	43.841	491.80	547.21	604.75	664.49
21	438.34	491.73	547.13	604.66	664.40
22	438.27	491.65	547.04	604.57	664.30
23	438.20	491.57	546.95	604.47	664.20
24	438.13	491.48	546.85	604.36	664.09
25	438.05	491.39	546.75	604.25	663.97
26	437.97	491.29	546.64	604.13	663.84
27	437.89	491.19	546.53	604.00	663.70
28	437.81	491.08	546.41	603.87	663.56
29	437.73	490.98	546.29	603.73	663.41
30	437.65	490.88	546.16	603.59	663.25
31	437.57	490.78	546.03	603.44	663.08
32	437.50	490.69	545.91	603.29	662.91
33	437.45	490.60	545.79	603.14	662.73
34	437.42	490.52	545.67	602.98	662.54
35	437.40	490.45	545.56	602.82	662.33
36	437.40	490.39	545.46	602.65	662.09
37	437.40	490.34	545.34	602.46	661.82
38	437.41	490.30	545.19	602.22	661.52
39	437.43	490.24	545.02	601.95	661.18
40	437.44	490.15	544.82	601.65	660.79
41	437.44	490.03	544.58	601.30	660.34
42	437.41	489.87	544.29	600.88	659.82
43	437.35	489.66	543.94	600.40	659.22
44	437.25	489.40	543.53	599.84	658.53
45	437.08	489.08	543.04	599.19	657.74
46	436.85	488.69	542.47	598.45	656.86
47	436.58	488.23	541.81	597.60	655.86
48	436.26	487.70	541.06	596.64	654.73
49	435.89	487.10	540.22	595.57	653.47
50	435.48	486.44	539.29	594.40	652.09
51	435.03	485.71	538.27	593.12	650.58
52	434.54	484.92	537.16	591.71	648.92
53	434.01	484.06	535.94	590.17	647.10
54	433.44	483.14	534.68	588.49	645.10
55	432.83	482.13	533.25	586.64	642.88
56	432.17	481.01	531.65	584.57	640.39
57	431.43	479.75	529.85	582.25	637.60
58	430.58	478.32	527.82	579.65	634.50
59	429.57	476.68	525.53	576.74	631.12
60	428.38	474.81	522.97	573.59	627.49

#### AMER. EXP.

• (6)

# **TERMINAL RESERVES**



### 20 Year Endowment

		YEARS		
Age	16	17	18	19
20 21	726.54 726.45	791.00 790.92	857.98 857.92	9 <b>27.6</b> 0 927.56
22	726.36	790.83	857.85	927.52
23 24	726.26 726.15	790.73 790.62	857.77 857.68	927.48 927.43
25	726.03	790.51	857.58	927.38
25 26	725.90	790.39	857.48	927.32
27 28	725.76 725.61	790.26 790.13	857.37 857.26	927.25 927.18
29	725.45	789.99	857.14	927.10
30	725.28	789.83	857.00	927.01
31	725.10	789.65	856.85	926.91 926.79
32 33	724.91 724.71	789.46 789.25	856.68 856.49	926.79 926.66
34	724.49	789.01	856.28	926.52
35	724.25	788.74	856.05	926.37
36 37	723.98 723.67	788.44 788.11	855.79 855.49	926.20 926.00
38 39	723.32	787.74	855.15	925.78
39	722.92	787.33	854.77	925.54
40 41	722.47 721.95	786.87 786.34	854.35 853.88	925.27 924.96
42	721.35	785.74	853.34	924.61
43 44	720.67 719.90	785.06 784.28	852.73 852.04	924.21 923.76
45 46	719.01 718.01	783.40 782.42	851.26 850.39	923.26 922.70
47 48	716.90 715.67	781.32 780.08	849.42 848.34	922.08 921.38
49	714.31	778.70	847.14	921.38
50	712.81	777.18	845.81	919.74
51	711.15	775.50	844.33	918.77
52 53	709.31 707.27	773.65 771.60	842.69 840.87	917.70 916.51
54	705.03	769.34	838.87	915.19
55	702.56	766.82	836.66	913.72
56 57	699.80 696.72	764.01 760.90	834.19 831.46	912.08 910.29
58	693.34	757.51	828.46	908.34
59	689.68	753.83	825.19	906.18
60	685.76	749.85	821.65	903.78

# **TERMINAL RESERVES**

#### 15 Year Endowment

# FULL PRELIMINARY TERM

		YE	ARS		
Age	I	2	3	4	5
20	0.00	55.50	113.05	172.76	234.72
21	0.00	55.48	113.03	172.73	234.68
22 .	0.00	55.46	113.01	172.70	234.64
23	0.00	55.45	112.99	172.67	234.59
24	0.00	55.44	112.97	172.63	234.54
25	0.00	55.43	112.94	172.59	234.49
26	0.00	55.42	112.91	172.55	234.44
27	0.00	55.41	112.88	172.51	234.39
28	0.00	55.39	112.85	172.47	234.33
29	0.00	55.38	112.82	172.43	234.27
30	0.00	55.37	112.79	172.39	234.21
31	0.00	55.36	112.76	172.35	234.15
32	0.00	55.34	112.73	172.30	234.09
33	0.00	55.33	112.70	172.25	234.02
34	0.00	55.32	112.67	172.20	233.94
35	0.00	55.31	112.64	172.15	233.86
36	0.00	55.30	112.61	172.10	233.78
37	0.00	55.28	112.59	172.04	233.70
38	0.00	55.27	112.57	171.99	233.63
39	0.00	55.26	112.55	171.95	233.57
40	0.00	55.26	112.54	171.92	233.51
41	0.00	55.27	112.54	171.90	233.46
42	0.00	55.28	112.55	171.88	233.42
43	0.00	55.30	112.56	171.87	233.36
44	0.00	55.32	112.57	171.85	233.28
45	0.00	55.33	112.58	171.82	233.17
46	0.00	55.34	112.58	171.76	233.02
47	0.00	55.34	112.55	171.67	232.82
48	0.00	55.33	112.49	171.54	232.57
49	0.00	55.31	112.41	171.37	232.28
50	0.00	55.28	112.31	171.17	231.94
51	0.00	55.25	112.19	170.93	231.55
52	0.00	55.21	112.05	170.66	231.11
53	0.00	55.16	111.90	170.35	230.62
54	0.00	55.10	111.73	170.01	230.08
55	0.00	55.03	111.54	169.64	229.49
56	0.00	54.96	111.34	169.28	228.86
57	0.00	54.89	111.13	168.86	228.18
58	0.00	54.81	110.90	168.40	227.44
59	0.00	54.73	110.65	167.89	226.64
60	0.00	54.64	110.38	167.37	225.78

# **TERMINAL RESERVES**

3%

#### 15 Year Endowment

#### FULL PRELIMINARY TERM

Y	E	A	R	S	
---	---	---	---	---	--

		I Li	IND		
Age	6	7	8	9	10
20	299.02	365.74	434.99	506.87	581.49
21	298.97	365.68	434.92	506.79	581.41
22	298.91	365.61	434.85	506.71	581.33
23	298.85	365.54	434.77	506.63	581.24
24	298.79	365.47	434.69	506.54	581.15
25	298.73	365.39	434.60	506.44	581.04
26	298.66	365.31	434.51	506.34	580.94
27	298.59	365.23	434.41	506.24	580.83
28	298.52	365.15	434.31	506.13	580.71
29	298.44	365.06	434.20	506.01	580.58
30	298.36	364.96	434.08	505.88	580.44
31	298.28	364.85	433.96	505.74	580.29
32	298.20	364.73	433.83	505.59	580.13
33	298.11	364.61	433.69	505.43	579.96
34	298.01	364.49	433.54	505.25	579.78
35	297.90	364.36	433.38	505.07	579.59
36	297.79	364.22	433.21	504.88	579.38
37	297.68	364.08	433.04	504.68	579.14
38	297.58	363.95	432.87	504.47	578.88
39	297.48	363.82	432.69	504.24	578.60
40	297.39	363.68	432.50	503.99	578.30
41	297.30	363.53	432.29	503.71	577.95
42	297.20	363.36	432.05	503.38	577.55
43	297.08	363.16	431.76	503.00	577.11
44	296.93	362.91	431.41	502.55	576.57
45	296.73	362.60	430.99	502.01	575.94
46	296.48	362.23	430.49	501.38	575.24
47	296.17	361.78	429.90	500.66	574.42
48	295.79	361.25	429.22	499.84	573.49
49	295.34	360.64	428.45	498.92	572.45
50	294.83	359.95	427.58	497.89	571.29
51	294.26	359.18	426.61	496.74	569.99
52	293.62	358.33	425.54	495.46	568.54
53	292.92	357.39	424.36	494.05	566.94
54	292.15	356.35	423.06	492.49	565.18
55	291.31	355.21	421.63	490.78	563.24
56	290.39	353.97	420.07	488.91	561.07
57	289.38	352.63	418.37	486.86	558.74
58	288.28	351.17	416.50	484.62	556.17
59	287.09	349.58	414.45	482.16	553.34
60	285.81	347.84	412.22	479.45	550.22

236

\_\_\_\_\_

# **TERMINAL RESERVES**

#### 15 Year Endowment

#### FULL PRELIMINARY TERM

		YEARS		
Age	II	. 12	13	14
20	658.97	739.42	822.99	909.80
21	658.89	739.35	822.93	909.77
22	658.80	739.28	822.87	909.74
23	658.71	739.20	822.81	909.70
24	658.62	739.12	822.74	909.66
25	658.52	739.03	822.67	909.61
26	658.42	738.93	822.59	909.56
27	658.31	738.82	822.50	909.50
28	658.19	738.71	822.40	909.44
29	658.06	738.59	822.30	909.38
30	657.92	738.45	822.19	909.31
31	657.76	738.30	822.07	909.24
32	657.59	738.14	821.94	909.16
33	657.41	737.97	821.80	909.07
34	657.22	737.79	821.64	908.97
35 36 37 38 39	657.01 656.78 656.53 656.26 655.96	737.59 737.36 737.11 736.84 736.53	821.46 821.26 821.04 820.80 820.53	908.86 908.74 908.60 908.44 908.26
40	655.62	736.18	820.22	908.06
41	655.23	735.79	819.87	907.84
42	654.79	735.34	819.48	907.59
43	654.28	734.82	819.03	907.30
44	653.69	734.23	818.51	906.97
45	653.01	733.56	817.92	906.60
46	652.23	732.80	817.26	906.18
47	651.35	731.94	816.51	905.70
48	650.36	730.97	815.67	905.16
49	649.25	729.88	814.74	904.56
50	648.02	728.66	813.70	903.89
51	646.64	727.30	812.53	903.14
52	645.10	725.79	811.23	902.31
53	643.40	724.12	809.79	901.39
54	641.53	722.28	808.20	900.37
55	639.46	720.24	806.44	899.23
56	637.19	717.99	804.48	897.96
57	634.69	715.50	802.30	896.55
58	631.93	712.75	799.88	894.98
59	628.88	709.70	797.21	893.25
60	625.49	706.31	794.24	891.34

-----

# **TERMINAL RESERVES**

3%

#### 10 Year Endowment.

YEARS						
Age	I	2	3	4	5	
20 21 22 23 24	0.00 0.00 0.00 0.00 0.00	95.28 95.26 95.24 95.22 95.20	194.13 194.10 194.07 194.04 194.01	296.74 296.70 296.66 296.61 296.56	403.24 403.19 403.14 403.08 403.02	
25 26 27 28 29	0.00 0.00 0.00 0.00 0.00	95.18 95.16 95.14 95.12 95.10	193.97 193.93 193.89 193.85 193.80	296.51 296.46 296.40 296.34 296.27	402.96 402.90 402.83 402.75 402.67	
30 31 32 33 34	0.00 0.00 0.00 0.00 0.00 0.00	95.07 95.04 95.01 94.98 94.95	193.75 193.70 193.64 193.58 193.51	296.20 296.12 296.04 295.96 295.87	402.58 402.49 402.39 402.28 402.16	
35 36 37 38 39	0.00 0.00 0.00 0.00 0.00 0.00	94.91 94.87 94.82 94.77 94.72	193.44 193.36 193.27 193.17 193.07	295.77 295.65 295.52 295.38 295.23	402.03 401.88 401.72 401.55 401.37	
40 41 42 43 44	0.00 0.00 0.00 0.00 0.00	94.67 94.61 94.55 94.48 94.41	192.97 192.86 192.74 192.61 192.46	295.07 294.90 294.72 294.52 294.30	401.18 400.97 400.73 400.46 400.16	
45 46 47 48 49	0.00 0.00 0.00 0.00 0.00	94.33 94.23 94.12 93.99 93.84	192.29 192.09 191.85 191.57 191.25	294.04 293.74 293.38 292.96 292.47	399.81 399.40 398.92 398.37 397.75	
50 51 52 53 54	0.00 0.00 0.00 0.00 0.00	93.67 93.47 93.24 92.98 92.69	190.88 190.46 189.99 189.47 188.89	291.92 291.30 290.60 289.82 288.96	397.04 396.24 395.34 394.34 393.24	
55 56 57 58 59	0.00 0.00 0.00 0.00 0.00 0.00	92.37 92.02 91.64 91.22 90.75	188.25 187.54 186.75 185.88 184.92	288.00 286.95 285.77 284.46 283.04	392.02 390.67 389.17 387.51 385.68	
60	0.00	90.22	183.87	281.48	383.68	

.

# **TERMINAL RESERVES**

# 10 Year Endowment.

FULL PRELIMINARY TERM

	-	YEARS		
Age	6	. 7	8	9
20	513.79	628.56	747.73	871.48
21	513.74	628.51	747.68	871.45
22	513.68	628.45	747.63	871.42
23	513.62	628.39	747.58	871.39
24	513.56	628.33	747.53	871.36
25	513.49	628.26	747.47	871.33
26	513.42	628.19	747.41	871.29
27	513.34	628.12	747.35	871.25
28	513.26	628.04	747.28	871.21
29	513.17	627.96	747.20	871.16
30	513.07	627.87	747.12	871.10
31	512.97	627.77	747.03	871.03
32	512.86	627.66	746.93	870.96
33	512.74	627.54	746.82	870.89
34	512.60	627.40	746.70	870.81
35	512.45	627.24	746.57	870.73
36	512.28	627.07	746.43	870.64
37	512.10	626.88	746.27	870.54
38	511.91	626.68	746.10	870.43
39	511.70	626.46	745.91	870.31
40	511.47	626.22	745.70	870.17
41	511.22	625.96	745.46	870.01
42	510.94	625.67	745.19	869.83
43	510.63	625.34	744.88	869.63
44	510.27	624.96	744.52	869.40
45	509.85	624.52	744.11	869.13
46	509.37	624.01	743.65	868.82
47	508.81	623.42	743.12	868.47
48	508.17	622.75	742.50	868.07
49	507.44	621.99	741.83	867.62
50	506.66	621.14	741.08	867.12
51	505.70	620.19	740.24	866.57
52	504.68	619.13	739.34	865.95
53	503.54	617.96	738.29	865.27
54	502.27	616.66	737.12	864.50
55	500.87	615.21	735.82	863.65
56	499.31	613.60	734.38	862.71
57	497.58	611.82	732.78	861.66
58	495.68	609.84	732.01	860.50
59	493.59	607.65	729.06	859.21
60	491.27	605.24	726.89	857.77

### **TERMINAL RESERVES**

**20 Year Mortuary Additions** 

#### (LEVEL PREMIUM RESERVE)

#### Per Attained Amount of Insurance-\$1,000 the first

year, increasing by a similar amount yearly.

		YI	EARS		
Age	<b>r</b>	2	<b>3</b>	<b>4</b>	<b>5</b>
20	73.10	141.03	203.49	260.17	310.75
21	74.11	143.02	206.46	264.10	315.62
22	75.19	145.19	209.70	268.40	320.92
23	76.39	147.58	213.28	273.12	326.75
24	77.70	150.21	217.18	278.28	333.15
25	79.15	153.09	221.49	284.01	340.23
26	80.75	156.28	226.26	290.32	348.05
27	82.52	159.84	231.57	297.36	356.81
28	84.50	163.79	237.49	305.24	366.59
29	86.71	168.21	244.14	314.08	377.53
30	89.21	173.23	251.65	324.04	389.94
31	92.03	178.88	260.12	335.32	404.03
32	95.21	185.25	269.69	348.11	419.93
33	98.78	192.43	280.51	362.51	437.90
34	102.80	200.52	292.65	378.72	458.08
35	107.32	209.58	306.31	396.90	480.80
36	112.37	219.73	321.55	417.29	506.23
37	118.01	231.06	338.63	440.08	534.74
38	124.28	243.69	357.64	465.52	566.54
39	131.25	257.71	378.79	493.79	601.93
40	138.98	273.27	402.24	525.17	641.14
41	147.53	290.48	428.21	559.86	684.54
42	156.95	309.48	456.83	598.16	732.36
43	167.33	330.36	488.32	640.21	784.92
44	178.69	353.25	522.80	686.30	842.46
45	191.12	378.26	560.49	736.63	905.22
46	204.68	405.56	601.60	791.47	973.59
47	219.43	435.23	646.24	851.02	1047.89
48	235.42	467.38	694.60	915.58	1128.45
49	252.69	502.11	746.90	985.41	1215.65
50	271.29	539.54	803.26	1060.68	1309.65
51	291.26	579.71	863.78	1141.54	1410.69
52	312.58	622.62	928.43	1227.96	1518.74
53	335.19	668.12	997.01	1319.67	1633.48
54	358.97	716.01	1069.21	1416.27	1754.44
55	383.81	766.04	1144.69	1517.35	1881.02
56	409.61	818.02	1223.16	1622.43	2012.72
57	436.27	871.77	1304.31	1731.17	2149.07
58	463.74	927.16	1387.99	1843.37	2289.90
59	491.95	984.10	1474.07	1958.93	2435.14
60	520.84	1042.44	1562.35	2077.60	2584.49

### **TERMINAL RESERVES**

#### **20 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

#### Per Attained Amount of Insurance \$1,000 the first year, increasing by a similar amount yearly.

YEARS						
Age	6	<b>7</b>	<b>8</b>	9	10	
20	354.88	392.14	422.13	444.42	458.47	
21	360.62	398.71	429.48	452.42	467.04	
22	366.88	405.89	437.47	461.14	476.44	
23	373.80	413.79	446.29	470.84	486.82	
24	381.35	422.45	456.01	481.46	498.16	
25	389.74	432.12	466.82	493.24	510.82	
26	399.04	442.80	478.73	506.30	524.95	
27	409.44	454.70	492.08	521.04	540.74	
28	421.02	468.03	507.11	537.48	558.49	
29	434.04	483.09	523.98	556.06	578.43	
30	448.86	500.14	543.17	577.10	601.20	
31	465.61	519.50	564.89	601.08	627.08	
32	484.60	541.37	589.57	628.27	656.61	
33	505.98	566.13	617.45	659.14	690.10	
34	530.11	594.00	648.98	694.02	728.05	
35	557.23	625.45	684.52	733.43	770.81	
36	587.68	660.75	724.49	777.63	818.90	
37	621.79	700.35	769.22	827.21	872.66	
38	659.90	744.48	819.18	882.42	932.60	
39	702.20	793.57	874.58	943.72	999.02	
40	749.17	847.92	936.00	1011.55	1072.30	
41	801.03	908.01	1003.79	1086.25	1152.97	
42	858.22	974.19	1078.30	1168.31	1241.61	
43	921.03	1046.72	1159.94	1258.26	1338.82	
44	989.66	1125.97	1249.18	1356.62	1445.18	
45	1064.51	1212.45	1346.59	1464.05	1561.34	
46	1146.10	1306.75	1452.89	1581.30	1688.26	
47	1234.79	1409.32	1568.52	1708.97	1826.51	
48	1331.03	1520.63	1694.12	1847.71	1976.94	
49	1435.20	1641.23	1830.27	1998.27	2140.45	
50	1547.59	1771.39	1977.37	2161.18	2317.44	
51	1668.45	1911.50	2135.92	2336.85	2508.56	
52	1797.80	2061.63	2305.88	2525.40	2713.89	
53	1935.30	2221.28	2486.81	2726.27	2932.96	
54	2080.30	2389.77	2677.87	2938.66	3164.93	
55	2232.14	2566.31	2878.29	3161.72	3408.77	
56.	2390.19	2750.26	3087.37	3394.63	3663.54	
57	2554.00	2941.14	3304.52	3636.73	3928.79	
58	2723.42	3138.77	3529.56	3888.08	4204.61	
59	2898.34	3343.04	3762.66	4148.90	4491.42	
60	3078.40	3553.78	4003.60	4419.13	4789.56	

#### 242

#### AMER. EXP.

# **TERMINAL RESERVES**

#### 20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

#### Per Attained Amount of Insurance...\$1,000 the first year, increasing by a similar amount yearly.

YEARS						
Age	11	12	<b>13</b>	<b>14</b>	<b>15</b>	
20	463.78	459.82	445.90	421.23	385.13	
21	472.84	469.15	455.23	430.43	394.06	
22	482.71	479.26	465.44	440.61	403.67	
23	493.57	490.48	476.90	451.81	414.43	
24	505.51	502.92	489.39	464.17	426.07	
25	518.96	516.74	503.44	477.89	439.23	
26	533.79	532.13	518.89	493.19	453.74	
27	550.52	549.34	536.39	510.40	470.35	
28	569.18	568.74	556.00	529.94	489.13	
29	590.33	590.63	578.37	552.18	510.69	
30	614.41	615.79	604.06	577.91	535.51	
31 <sup>.</sup>	641.99	644.58	633.62	607.37	564.21	
32	673.43	677.55	667.34	641.24	596.95	
33	709.22	714.94	705.79	679.60	634.23	
34	749.63	757.34	749.15	723.03	676.26	
35	795.33	805.07	798.10	771.88	723.24	
36	846.51	858.64	852.88	826.24	775.43	
37	903.83	918.48	913.78	886.63	833.39	
38	967.60	984.78	981.20	953.46	897.57	
39	1038.01	1057.93	1055.57	1027.19	968.41	
40	1115.66	1138.61	1137.63	1108.61	1046.55	
41	1201.13	1227.46	1228.06	1198.27	1132.75	
42	1295.11	1325.21	1327.51	1297.04	1227.68	
43	1398.24	1432.45	1436.77	1405.52	1332.17	
44	1511.05	1549.90	1556.43	1524.53	1447.01	
45	1634.40	1678.34	1687.49	1655.13	1573.02	
46	1769.23	1818.96	1831.24	1798.43	1711.55	
47	1916.29	1972.59	1988.36	1955.30	1863.37	
48	2076.57	2140.11	2159.95	2126.83	2029.76	
49	2250.87	2322.57	2347.07	2314.31	2212.16	
50	2439.81	2520.57	2550.54	2518.68	2411.39	
51	2644.06	2735.03	2771.46	2741.00	2628.33	
52	2863.87	2966.32	3010.09	2981.38	2863.56	
53	3098.80	3213.82	3265.64	3239.36	3116.36	
54	3347.82	3476.31	3537.15	3513.73	3385.28	
55	3609.72	3752.83	3823.42	3803.12	3669.30	
56	3883.79	4042.49	4123.52	4107.01	3967.63	
57	4169.49	4344.79	4437.38	4425.21	4280.94	
58	4467.07	4660.49	4765.87	4759.61	4612.54	
59	4777.44	4990.74	5111.15	5113.78	4967.30	
60	5101.17	5336.96	5475.95	5491.69	5350.27	

-----

## **TERMINAL RESERVES**

#### 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance...\$1,000 the first year, increasing by a similar amount yearly.

		YEARS		
Age	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>
20	336.90	275.34	199.57	108.15
21	344.97	282.33	204.75	111.19
22	353.81	289.71	210.37	114.22
23	363.48	298.02	216.53	117.79
24	374.15	306.97	223.36	121.60
25	386.06	317.27	231.19	126.20
26	399.45	328.72	240.02	131.12
27	414.71	342.00	250.10	137.08
28	432.14	356.96	261.73	143.64
29	451.99	374.29	274.92	151.31
30	475.15	394.31	290.50	160.43
31	501.71	417.53	308.51	170.75
32	532.24	444.11	328.83	182.36
33	566.84	473.90	351.53	195.29
34	605.52	507.11	376.81	209.68
35	648.68	544.17	405.05	225.87
36	696.60	585.34	436.47	243.72
37	. 749.87	631.17	471.33	263.67
38	808.90	681.82	509.99	285.66
39	873.92	737.72	552.48	309.88
40	945.79	799.41	599.56	336.91
41	1025.01	867.63	651.83	366.82
42	1112.47	943.18	709.65	400.05
43	1208.98	1026.47	773.52	436.71
44	1314.99	1118.09	843.74	477.03
45	1431.49	1218.82	921.12	521.69
46	1559.73	1330.06	1007.02	571.59
47	1700.62	1452.71	1101.99	626.53
48	1855.52	1587.86	1206.57	687.37
49	2025.72	1736.46	1322.12	754.94
50	2211.75	1899.46	. 1449.18	829.08
51	2415.01	2078.03	1588.51	910.96
52	2635.86	2272.23	1740.63	1000.14
53	2873.29	2481.42	1904.06	1095.73
54	3126.19	2703.82	2077.66	1197.48
55	3393.09	2938.66	2261.64	1306.08
56	3673.95	3187.05	2457.86	1423.28
57	3970.71	3451.86	2669.53	1551.27
58	4287.88	3738.42	2901.78	1694.32
59	4631.43	4053.06	3160.98	1856.24
60	5007.00	4401.92	3451.81	2039.74

#### 244

AMER. EXP.

-----

# **TERMINAL RESERVES**

#### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance...\$1,000 the first year, increasing by a similar amount yearly.

YEARS							
Age	I	2	3	4	5		
20	53.70	101.48	$143.02 \\ 144.63 \\ 146.40 \\ 148.35 \\ 150.47 \\ 152.80$	177.97	205.99		
21	54.26	102.58		180.05	208.50		
22	54.88	103.79		182.36	211.25		
23	55.56	105.12		184.85	214.24		
24	56.30	106.58		187.60	217.57		
25	57.12	108.17		190.62	221.18		
26	58.01	109.92	155.38	193.94	225.19		
27	58.98	111.84	158.17	197.57	229.59		
28	60.05	113.94	161.25	201.59	234.43		
29	61.22	116.24	164.66	206.00	239.73		
30	62.53	118.82	168.42	210.88	245.64		
31	63.97	121.66	172.60	216.30	252.25		
32	65.58	124.82	177.26	222.41	259.62		
33	67.37	128.37	182.52	229.23	267.92		
34	69.40	132.39	188.43	236.95	277.24		
35	71.71	136.92	195.15	245.69	287.90		
36	74.30	142.09	202.75	255.66	300.01		
37	77.26	147.93	211.41	266.97	313.86		
38	80.58	154.54	221.19	279.82	329.57		
39	84.34	161.98	232.25	294.34	347.35		
40	88.55	170.37	244.71	310.73	367.37		
41	93.29	179.79	258.71	329.09	389.86		
42	98.58	190.33	274.35	349.65	414.95		
43	104.49	202.06	291.79	372.51	442.90		
44	111.03	215.08	311.10	397.86	473.82		
45	118.29	229.50	332.50	425.89	507.93		
46	126.29	245.42	356.10	456.73	545.43		
47	135.13	262.95	382.04	490.64	586.69		
48	144.83	282.18	410.48	527.84	631.98		
49	155.44	303.22	441.62	568.58	681.61		
50	167.04	326.23	475.70	613.17	735.91		
51	179.72	351.40	512.97	661.94	795.37		
52	193.55	378.83	553.60	715.16	860.25		
53	208.58	408.67	597.83	773.11	931.00		
54	224.91	441.09	645.90	836.16	1008.08		
55	242.56	476.16	697.95	904.52	1091.67		
56	261.60	514.02	754.21	978.42	1182.14		
57	282.03	554.69	814.66	1057.92	1279.56		
58	303.81	598.05	879.16	1142.80	1383.71		
59	326.84	643.93	947.45	1232.76	1494.23		
60	351.03	692.13	1019.27	1327.48	1610.67		

3%

\_\_\_\_\_

## **TERMINAL RESERVES**

#### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		Y	EARS		
Age	6	7	8	9	10
20	226.69	239.61	244.31	240.33	227.07
21	229.53	242.72	247.63	243.68	230.36
22	232.67	246.19	251.27	247.41	234.08
23	236.11	249.94	255.25	251.53	238.12
24	239.89	254.11	259.72	256.11	242.59
25	244.04	258.71	264.61	261.08	247.51
26	248.67	263.81	270.00	266.64	253.11
27	253.71	269.34	275.89	272.79	259.13
28	259.24	275.45	282.50	279.54	265.86
29	265.34	282.25	289.70	287.00	273.14
30	272.20	289.80	297.80	295.26	281.38
31	279.76	298.21	306.70	304.49	290.46
32	288.29	307.60	316.80	314.86	300.86
33	297.81	318.20	328.11	326.66	312.64
34	308.62	330.17	341.04	340.10	326.18
35	320.93	343.95	355.91	355.68	341.78
36	335.03	359.72	373.01	373.51	359.82
37	351.13	377.80	392.53	394.02	380.40
38	369.47	398.30	414.81	417.25	403.84
39	390.14	421.52	439.87	443.50	430.21
40	413.51	447.63	468.15	473.01	459.64
41	439.63	476.91	-499.75	505.78	492.29
42	468.85	509.55	534.82	542.12	528.49
43	501.31	545.66	573.58	582.30	568.54
44	537.09	585.45	616.31	626.59	612.72
45	576.55	629.34	663.46	675.52	661.47
46	619.96	677.66	715.41	729.39	715.24
47	667.74	730.88	772.59	788.78	774.50
48	720.23	789.32	835.47	854.08	839.79
49	777.72	853.41	904.42	925.79	911.63
50	840.70	923.61	980.06	1004.60	990.55
51	909.66	1000.59	1063.16	1091.50	1077.42
52	985.02	1084.86	1154.14	1186.14	1172.75
53	1067.31	1176.89	1253.63	1290.09	1277.36
54	1156.99	1277.33	1362.34	1403.91	1392.23
55	1254.37	1386.50	1480.72	1528.15	1517.85
56	1359.87	1505.00	1609.51	1663.55	1654.85
57	1473.66	1633.04	1748.88	1810.17	1803.59
58	1595.49	1770.29	1898.32	1967.71	1963.57
59	1724.89	1916.10	2057.34	2135.46	2133.96
60	1861.25	2069.97	2225.26	2312.62	2314.07

# 246

AMER. EXP.

## **TERMINAL RESERVES**

15 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVES)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

		YEARS		
Age	11	12	<b>13</b>	14
20	203.99	170.52	125.91	69.32
21	207.11	173.22	127.88	70.39
22	210.59	176.18	130.17	71.82
23	214.31	179.42	132.76	73.24
24	218.52	183.22	135.66	75.01
25	223.25	187.31	138.89	76.78
26	228.47	191.96	$142.41 \\ 146.24 \\ 150.40 \\ 155.06 \\ 160.38$	78.89
27	234.19	196.86		80.99
28	240.42	202.36		83.46
29	247.32	208.30		86.11
30	255.01	215.14		89.31
31	263.66	222.76	166.41	92.74
32	273.54	231.60	173.28	96.90
33	284.83	241.56	181.22	101.47
34	297.70	253.12	190.23	106.83
35	312.74	266.47	200.88	113.20
36	329.97	281.96	213.18	120.39
37	349.78	299.69	227.05	128.47
38	372.24	319.56	242.56	137.50
39	397.27	341.63	259.74	147.48
40	425.17	366.24	278.95	158.73
41	456.11	393.55	300.29	171.10
42	490.44	423.91	323.94	184.92
43	528.47	457.43	350.14	200.13
44	570.32	494.42	378.93	216.88
45	616.62	535.26	410.86	235.62
46	667.62	580.40	446.28	256.31
47	724.00	630.45	485.51	279.34
48	786.25	685.67	528.87	304.74
49	854.69	746.44	576.55	332.69
50	929.99	813.33	629.15	363.68
51	1012.97	887.27	687.62	398.35
52	1104.24	968.89	752.30	436.53
53	1204.71	1058.92	823.56	478.82
54	1315.28	1158.04	902.43	525.89
55	1436.22	1266.83	989.17	577.48
56	1568.57	1386.18	1084.42	634.57
57	1712.52	1516.07	1188.45	696.74
58	1867.35	1655.99	1300.14	763.25
59	2032.43	1804.85	1418.83	834.12
60	2206.71	1962.03	1544.60	909.73

### **TERMINAL RESERVES**

#### **10 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVES)

Per Attained Amount of Insurance—\$1,000 the first year, increasing by a similar amount yearly.

	YEARS						
Age	<b>1</b>	<b>2</b>	<b>3</b>	4	<b>5</b>		
20	34.65	62.66	83.68	97.31	103.19		
21	34.95	63.22	84.44	98.25	104.25		
22	35.27	63.81	85.27	99.26	105.34		
23	35.61	64.46	86.18	100.34	106.53		
24	35.98	65.18	87.16	101.53	107.86		
25	36.39	65.94	88.23	102.84	109.29		
26	36.83	66.76	89.37	104.21	110.80		
27	37.31	67.67	90.63	105.73	112.52		
28	37.84	68.65	91.99	107.42	114.38		
29	38.42	69.74	93.54	109.30	116.44		
30	39.05	70.95	95.22	111.32	118.70		
31	39.76	72.28	97.07	113.59	121.28		
32	40.52	73.72	99.09	116.10	124.05		
33	41.36	75.32	101.36	118.85	127.13		
34	42.29	77.09	103.83	121.88	130.46		
35	43.33	79.06	106.60	125.23	134.24		
36	44.47	81.24	109.64	128.98	138.39		
37	45.77	83.69	113.10	133.20	143.17		
38	47.21	86.45	116.98	138.00	148.57		
39	48.85	89.57	121.42	143.49	154.81		
40	50.72	93.18	126.53	149.85	161.98		
41	52.87	97.31	132.42	157.13	170.29		
42	55.32	102.03	139.12	165.49	179.73		
43	58.10	107.36	146.73	174.92	190.46		
44	61.22	113.38	155.28	185.55	202.49		
45	64.75	120.14	164.91	197.48	215.89		
46	68.67	127.70	175.64	210.68	230.71		
47	73.06	136.12	187.53	225.32	247.15		
48	77.93	145.42	200.66	241.49	265.34		
49	83.29	155.67	215.15	259.34	285.42		
50	89.21	167.00	231.17	279.10	307.61		
51	95.75	179.51	248.86	300.88	332.13		
52	102.97	193.32	268.37	324.94	359.17		
53	110.91	208.50	289.85	351.42	389.02		
54	119.62	225.18	313.44	380.55	421.90		
55	129.17	243.47	339.35	412.60	458.04		
56	139.66	263.56	367.86	447.85	497.88		
57	151.13	285.59	399.11	486.54	541.63		
58	163.69	309.68	433.33	528.95	589.68		
59	177.38	336.01	470.76	575.44	642.51		
60	192.29	364.67	511.59	626.26	700.35		

#### 248

AMER. EXP.

# **TERMINAL RESERVES**

#### **10 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per Attained Amount of Insurance...\$1,000 the first year, increasing by a similar amount yearly.

		YEARS	•	
Age 20	<b>6</b> 100.90	<b>7</b> 89.94	<b>8</b> 69.82	9
20 21 22	101.95 103.06	90.94 90.91 91.95	09.82 70.64 71.44	40.06 40.52 40.98
23 24	103.00 104.28 105.62	93.06 94.31	72.34 73.39	40.98 41.56 42.20
25	107.08	95.71	74.54	42.86
26 27	108.66 110.40	97.17 98.75	75.66 76.95	43.50 44.35
28 29	112.27 114.40	100.50 102.56	78.44 80.10	45.19 46.26
30	116.78	104.76	81.93	47.30
31 32	119.39 122.27	107.26 109.89	83.92 86.10	48.56 49.81
33 34	125.39 128.83	112.84 116.02	88.46 91.09	51.27 52.83
35	132.69	119.70	94.12	54.75
36 37	137.02 141.98	123.78 128.55	97.54 101.45	56.78 59.27
38 39	147.65 154.12	133.90 140.14	105.97 111.10	61.98 • 65.18
40	161.68	147.32	117.16	68.97
41 42 43	170.35 180.29	155.68 165.21	124.18 132.05	73.26 78.06
44 45	191.52 203.99 217.87	175.83 187.61 200.73	140.80 150.49	83.38 89.27
46	233.22	215.25	161.31 173.31	95.91
47 48	250.27 269.15	231.41 249.25	173.31 186.62 201.37	103.18 111.33
49 50	289.95 312.99	268.95 290.73	217.56 235.56	120.29 130.15 141.21
51	338.41	314.83	255.55	153.43
52 53	366.53 397.62	341.58 371.11	277.70 302.20	167.02 182.03
54 55	431.84 469.51	403.65 439.47	329.16 358.90	198.56 216.88
56	511.05	479.10	391.99	237.41
57 58	556.79 607.19	522.89 571.22	428.63 469.01	260.01 285.05
59 60	662.69 723.46	624.44 682.92	513.70 562.89	312.91 343.47

3%

#### AMER. EXP.

# MEAN RESERVES

#### Ordinary Life FULL PRELIMINARY TERM

		YEA	ARS		
Age	I	2	3	4	5
20	3.79	11.04	18.52	26.23	34.19
21	3.82	11.35	19.12	27.13	35.40
22	3.84	11.67	19.74	28.07	36.67
23	3.86	12.01	20.40	29.07	38.00
24	3.89	12.36	21.09	30.10	39.38
25	3.92	12.73	21.81	31.18	40.84
26	3.95	13.12	22.57	32.31	42.35
27	3.98	13.52	23.36	33.49	43.93
28	4.01	13.95	24.18	34.73	45.59
29	4.05	14.39	25.04	36.02	47.33
30	4.09	14.86	25.96	37.38	49.15
31	4.13	15.35	26.91	38.80	51.05
32	4.18	15.86	27.90	40.28	53.03
33	4.23	16.41	28.95	41.85	55.12
34	4.28	16.98	30.05	43.49	57.31
35	4.34	17.58	31.20	45.20	59.58
36	4.41	18.22	32.41	46.99	61.96
37	4.48	18.87	33.66	48.85	64.45
38	4.57	19.57	34.99	50.82	67.06
39	4.66	20.31	36.38	52.87	69.80
40	4.76	21.09	37.85	55.05	72.67
41	4.86	21.90	39.39	57.31	75.67
42	4.98	22.77	41.01	59.68	78.79
43	5.11	23.68	- 42.69	62.15	82.02
44	5.26	24.64	44.47	64.72	85.39
45	5.42	25.64	46.30	67.38	88.84
46	5.62	26.70	48.22	70.13	92.39
47	5.83	27.82	50.20	72.95	96.04
48	6.07	28.97	52.24	75.84	99.76
49	6.36	30.18	54.35	78.83	103.59
50	6.69	31.45	56.54	81.91	107.54
51	7.06	32.78	58.81	85.09	111.60
52	7.47	34.19	61.17	88.38	115.77
53	7.93	35.66	63.62	91.77	120.06
54	8.45	37.21	66.16	95.27	124.48
55	9.02	38.83	68.80	98.88	129.02
56	9.66	40.55	71.55	102.62	133.68
57	10.36	42.35	74.41	106.46	138.46
58	11.14	44.25	77.37	110.42	143.35
59	12.00	46.25	80.44	114.50	148.37
60	· 12.96	48.36	83.62	118.69	153.50
61	14.02	50.58	86.92	123.02	158.75
62	15.19	52.92	90.37	127.46	164.11
63	16.48	55.40	93.93	132.01	169.54
64	17.90	57.98	97.60	136.65	175.04
65	19.48	60.73	101.40	141.39	180.62

# MEAN RESERVES

3%

.

#### Ordinary Life

#### FULL PRELIMINARY TERM

\_\_\_\_\_

	YEARS						
Age	6	7	8	9	10		
20	42.39	50.86	59.58	68.58	77.86		
21	43.92	52.72	61.78	71.13	80.76		
22	45.53	54.66	64.08	73.79	83.79		
23	47.21	56.70	66.48	76.56	86.96		
24	48.96	58.82	68.99	79.46	90.25		
25	50.79	61.04	71.61	82.49	93.69		
26	52.70	63.36	74.34	85.65	97.29		
27	54.70	65.78	77.20	88.95	101.04		
28	56.79	68.31	80.18	92.39	104.96		
29	58.97	70.96	83.30	95.99	109.03		
30	61.26	73.73	86.56	99,75	113.29		
31	63.66	76.63	89.96	103.66	117.73		
32	66.15	79.64	93.49	107.73	122.34		
33	68.77	82.80	97.20	111.99	127.17		
34	71.51	86.09	101.07	116.44	132.21		
35	· 74.36	89.53	105.10	121.08	137.45		
36	77.34	93.12	109.32	125.91	142.91		
37	80.46	96.88	113.71	130.95	148.58		
38	83.73	100.81	118.30	136.19	154.47		
39	87.14	104.91	123.08	141.64	160.58		
40	90.72	109.18	128.04	147.29	166.88		
41	94.44	113.61	133.18	153.11	173.35		
42	98.30	118.21	138.48	159.08	179.99		
43	102.30	122.94	143.92	165.21	186.77		
44	106.43	127.81	149.50	171.48	193.72		
45	110.65	132.78	155.20	177.88	200.79		
46	114.98	137.87	161.03	184.41	207.99		
47	119.42	143.08	166.97	191.07	215.32		
48	123.95	148.39	173.04	197.85	222.78		
49	128.61	153.83	179.23	204.75	230.37		
50	133.39	159.41	185.56	211.80	238.10		
51	138.28	165.10	192.02	218.99	245.96		
52	143.31	170.94	198.63	226.31	253.94		
53	148.46	176.91	205.36	233.75	262.04		
54	153.74	183.01	212.21	241.31	270.25		
55	159.15	189.23	219.19	248.98	278.56		
56	164.68	195.57	226.28	256.77	286.97		
57	170.33	202.03	233.49	264.65	295.43		
58	176.10	208.60	240.79	272.59	303.94		
59	181.98	215.27	248.17	280.59	312.47		
60	187.97	222.03	255.60	288.62	321.00		
61	194.06	228.86	263.09	296.66	329.52		
62	200.23	235.75	270.59	304.69	338.01		
63	206.45	242.65	278.09	312.71	346.50		
64	212.71	249.57	285.58	320.74	355.12		
65	219.02	256.52	293.15	328.95	364.03		

\_\_\_\_

# **MEAN RESERVES**

3%

#### Ordinary Life

#### FULL PRELIMINARY TERM

-----

		YE	ARS		
Age	II	12	13	14	15
20	87.42	97.27	107.43	117.89	128.65
21	90.68	100.91	111.45	122.29	133.46
22	94.10	104.71	115.64	126.89	138.48
23	97.66	108.67	120.02	131.69	143.70
24	101.36	112.80	124.58	136.69	149.14
25	105.23	117.11	129.32	141.88	154.79
26	109.27	121.59	134.27	147.29	160.67
27	113.48 -	126.27	139.42	152.92	166.78
28	117.87	131.14	144.78	158.78	173.15
29	122.44	136.22	150.36	164.87	179.76
30	127.21	141.51	156.18	171.23	186.65
31	132.17	147.01	162.23	177.82	193.79
32	137.35	152.74	168.52	184.67	201.19
33	142.75	158.71	175.06	191.78	208.86
34	148.37	164.93	181.86	199.15	216.80
35	154.22	171.37	188.89	206.77	224.97
36 -	160.29	178.05	196.17	214.62	233.37
37	166.59	184.97	203.69	222.70	241.99
38	173.12	192.11	211.41	230.99	250.83
39	179.86	199.45	219.34	239.48	259.85
40	. 186.79	206.99	227.46	248.16	269.08
41	193.89	214.70	235.76	257.03	278.47
42	201.17	222.59	244.23	266.05	288.02
43	208.58	230.63	252.85	275.22	297.71
44	216.18	238.82	261.62	284.54	307.54
45	223.89	247.14	270.51	293.97	317.48
46	231.73	255.59	279.54	303.54	327.53
47	239.71	264.18	288.69	313.21	337.68
48	247.81	272.88	297.95	322.97	347.90
49	256.03	281.70	307.31	332.83	358.21
50	264.40	290.64	316.79	342.79	368.60
51	272.87	299.69	326.35	352.82	379.04
52	281.47	308.84	336.02	362.93	389.51
53	290.17	318.09	345.74	373.06	399.99
54	298.97	327.42	355.52	383.22	410.46
55	307.85	336.79	365.32	393.37	420.88
56	316.79	346.20	375.12	403.49	431.25
57	325.78	355.62	384.89	413.54	441.53
58	334.77	365.01	394.61	423.52	451.76
59	343.75	374.37	404.27	433.47	462.02
60	352.70	383.67	413.90	443.46	472.42
61	361.62	392.96	423.60	453.63	483.13
62	370.54	402.34	433.50	464.11	494.26
63	379.55	411.93	443.74	475.06	505.95
64	388.81	421.90	454.49	486.62	518.28
65	398.50	432.44	465.90	498.88	531.36

\_\_\_\_

# MEAN RESERVES

#### Ordinary Life

			YEARS			
Age	16	17	18	19	20	21
20	139.74	151.15	162.88	174.95	187.35	200.08
21	144.96	156.78	168.93	181.42	194.25	207.43
22	150.39	162.64	175.23	188.16	201.44	215.06
23	156.05	168.74	181.77	195.15	208.89	222.99
24	161.93	175.07	188.56	202.41	216.63	231.19
25	168.04	181.65	195.62	209.96	224.65	239.70
26	174.40	188.50	202.96	217.78	232.96	248.49
27	181.01	195.61	210.57	225.90	241.57	257.58
28	187.89	202.99	218.47	234.29	250.46	266.96
29	195.03	210.66	226.64	242.97	259.63	276.60
30	202.44	218.60	235.11	251.95	269.09	286.52.
31	210.12	226.81	243.84	261.17	278.79	296.66
32	218.07	235.29	252.83	270.65	288.73	307.05
33	226.29	244.04	262.08	280.37	298.91	317.66
34	234.76	253.02	271.55	290.32	309.31	328.49
35	243.47	262.24	281.26	300.49	319.92	339.52
36	252.40	271.67	291.17	310.87	330.73	350.72
37	261.54	281.32	301.29	321.43	341.71	362.09
38	270.90	291.17	311.60	332.18	352.86	373.62
39	280.44	301.19	322.09	343.09	364.17	385.28
40	290.17	311.40	332.74	354.16	375.62	397.07
41	300.06	321.76	343.54	365.35	387.17	408.95
42	310.10	332.26	354.46	376.66	398.82	420.89
43	320.27	342.88	365.49	388.06	410.54	432.89
44	330.58	353.62	376.62	399.53	422.31	444.93
45	340.98	364.44	387.81	411.05	434.12	456.96
46	351.48	375.34	399.06	422.61	445.93	468.97
47	362.05	386.29	410.36	434.19	457.73	480.93
48	372.69	397.30	421.67	445.75	469.48	492.82
49	383.40	408.35	432.99	457.29	481.18	504.62
50	394.16	419.41	444.31	468.78	492.79	516.30
51	404.94	430.47	455.57	480.20	504.30	527.84
52	415.72	441.49	466.77	491.52	515.69	539.29
53	426.48	452.46	477.88	502.72	526.97	550.68
54	437.19	463.34	488.89	513.84	538.23	562.13
55	447.82	474.13	499.82	524.93	549.54	573.72
56	458.37	484.85	510.74	536.11	561.03	585.57
57	468.85	495.57	521.75	547.47	572.80	597.77
58	479.36	506.40	532.97	559.14	584.93	610.35
59	489.99	517.47	544.53	571.21	597.51	623.41
60	500.88	528.90	556.53	583.75	610.57	636.86
61	512.17	540.81	569.03	596.83	624.09	650.73
62	523.98	553.27	582.12	610.42	638.06	665.15
63	536.39	566.37	595.77	624.49	652.63	680.32
64	549.46	580.05	609.93	639.21	668.09	696.78
65	563.22	594.34	624.84	654.91	684.79	714.39

# **MEAN RESERVES**

#### 20 Payment Life FULL PRELIMINARY TERM

4		YEA						
Age	• <b>1</b>	2	<b>3</b>	<b>4</b>	<b>5</b>			
20	3.79	20.81	38.42	56.66	75.55			
21	3.82	21.16	39.13	57.72	76.97			
22 23 24	3.82 3.84 3.86 3.89	21.10 21.52 21.89 22.28	39.13 39.82 40.56 41.32	58.79 59.89 61.03	78.42 79.89 81.43			
25	3.92	22.68	42.10	62.21	83.02			
26	3.95	23.09	42.91	63.43	84.65			
27	3.98	23.52	43.75	64.68	86.34			
28	4.01	23.96	44.60	65.97	88.07			
29	4.05	24.42	45.49	67.30	89.86			
30	4.09	24.89	46.41	68.67	91.69			
31	4.13	25.38	47.35	70.08	93.58			
32	4.18	25.88	48.32	71.53	95.53			
33	4.23	26.40	49.33	73.03	97.54			
34	4.28	26.94	50.37	74.58	99.60			
35	4.34	27.50	51.44	76.17	101.71			
36	4.41	28.08	52.54	77.80	103.89			
37	4.48	28.68	53.68	79.48	106.13			
38	4.57	29.31	54.85	81.22	108.44			
39	4.66	29.96	56.07	83.01	110.82			
40	4.76	30.63	57.33	84.87	113.28			
41	4.86	31.34	58.64	86.79	115.80			
42	4.98	32.07	59.99	88.76	118.38			
43	5.11	32.83	61.38	90.77	121.02			
44	5.26	33.63	62.82	92.85	123.71			
45	5.42	34.45	64.29	94.96	126.43			
46	5.62	35.31	65.81	97.10	129.17			
47	5.83	36.21	67.36	99.26	131.93			
48	6.07	37.13	68.92	101.44	134.70			
49	6.36	38.08	70.51	103.65	137.49			
50	6.69	39.08	72.15	105.90	140.32			
51	7.06	40.13	73.84	108.19	143.18			
52	7.47	41.22	75.58	110.53	146.08			
53	7.93	42.36	77.36	112.91	149.02			
54	8.45	43.57	79.21	115.35	152.01			
55	9.02	44.83	81.12	117.86	155.06			
56	9.66	46.17	83.11	120.44	158.16			
57	10.36	47.59	85.17	123.09	161.32			
58	11.14	49.09	87.32	125.81	164.54			
59	12.00	50.67	89.55	128.61	167.83			
60	12.96	52.36	91.88	131.50	171.20			

# **MEAN RESERVES**

# 3%

#### 20 Payment Life

		YE	ARS		
Age	6	7	8	9	· 10
20	95.11	115.37	136.35	158.08	180.57
21	96.91	117.55	138.92	161.06	183.98
22	98.74	119.77	141.55	164.11	187.47
23	100.61	122.05	144.26	167.25	191.06
24	102.55	124.42	147.06	170.50	194.77
25	104.56	126.86	149.94	173.84	198.58
26	106.63	129.37	152.92	177.28	202.51
27	108.76	131.95	155.96	180.81	206.53
28	110.94	134.61	159.10	184.44	210.67
29	113.19	137.34	162.32	188.17	214.91
30	115.51	140.16	165.64	192.01	219.27
31	117.90	143.04	169.04	195.93	223.74
32	120.35	146.00	172.53	199.95	228.31
33	122.87	149.05	176.11	204.08	233.00
34	125.46	152.18	179.79	208.32	237.82
35	128.11	155.38	183.55	212.66	242.74
36	130.84	158.67	187.42	217.11	247.77
37	133.64	162.05	191.39	221.66	252.92
38	136.54	165.54	195.46	226.33	258.17
39	139.51	169.10	199.61	231.07	263.50
40	142.56	172.75	203.85	235.90	268.90
41	145.69	176.47	208.17	240.79	274.35
42	148.88	180.26	212.54	245.72	279.83
43	152.12	184.09	216.93	250.66	285.31
44	155.41	187.95	221.35	255.62	290.79
45	158.72	191.82	225.77	260.57	296.26
46	162.03	195.70	230.18	265.50	301.68
47	165.36	199.58	234.58	270.41	307.08
48	168.69	203.44	238.96	275.27	312.40
49	172.04	207.32	243.33	280.11	317.69
50	175.42	211.21	247.72	284.93	322.94
51	178.81	215.09	252.08	289.71	328.10
52	182.23	219.00	256.40	294.46	333.22
53	185.68	222.91	260.73	299.17	338.26
54	189.17	226.85	265.06	303.83	343.23
55	192.70	230.80	269.38	308.47	348.14
56	196.27	234.77	273.69	313.06	352.95
57	199.87	238.75	277.98	317.59	357.65
58	203.52	242.75	282.25	322.05	362.23
59	207.22	246.77	286.49	326.43	366.66
60	210.97	250.79	290.69	330.71	370.93

\_\_\_\_\_

# **MEAN RESERVES**

#### 20 Payment Life

FULL PRELIMINARY TERM

		YE	ARS		
Age	II	12	13	14	15
20	203.89	228.01	253.01	278.91	305.75
21	207.73	232.32	257.79	284.18	311.51
22	211.67	236.70	262.65	289.53	317.37
23	215.71	241.24	267.68	295.07	323.43
24	219.87	245.91	272.85	300.76	329.65
25	224.19	250.70	278.15	306.58	336.01
26	228.62	255.65	283.63	312.60	342.59
27	233.15	260.70	289.22	318.73	349.29
28	237.81	265.89	294.95	325.03	356.17
29	242.58	271.20	300.82	331.48	363.21
30	247.48	276.66	306.85	338.10	370.43
31	252.49	282.24	313.02	344.85	377.79
32	257.63	287.95	319.32	351.75	385.30
33	262.90	293.82	325.77	358.81	392.97
34	268.30	299.80	332.35	366.00	400.77
35	273.81	305.90	339.05	373.30	408.67
36	279.43	312.12	345.87	380.71	416.67
37	285.17	318.44	352.78	388.19	424.74
38	291.01	324.86	359.77	395.76	432.88
39	296.91	331.33	366.79	403.35	441.04
40	302.87	337.84	373.86	410.97	449.23
41	308.87	344.39	380.95	418.61	457.43
42	314.89	350.94	388.04	426.23	465.58
43	320.90	357.47	395.09	433.80	473.68
44	326.90	363.98	402.10	441.31	481.72
45	332.86	370.44	409.04	448.75	489.67
46	338.78	376.82	415.90	456.08	497.48
47	344.64	383.15	422.68	463.32	505.18
48	350.41	389.35	429.31	470.38	512.68
49	356.13	395.48	435.83	477.29	520.02
50	361.77	401.50	442.22	484.06	527.18
51	367.30	407.37	448.43	490.61	534.08
52	372.75	413.14	454.50	496.98	540.77
53	378.09	418.76	460.37	503.10	547.17
54	383.33	424.22	466.04	508.98	553.28
55	388.45	429.53	471.51	514.59	559.06
56	393.43	434.63	476.70	519.88	564.46
57	398.24	439.50	481.60	524.80	569.44
58	402.87	444.11	486.17	529.33	574.01
59	407.28	448.44	490.39	533.48	578.19
60	411.45	452.47	494.28	537.29	582.04

256

# **MEAN RESERVES**

#### 20 Payment Life

		YE	ARS		
Age	16	17	18	19	20
20	333.56	362.37	392.23	423.17	455.25
21	339.83	369.17	399.58	431.08	463.71
22	346.22	376.10	407.06	439.14	472.40
23	352.81	383.24	414.77	447.44	481.31
24	359.57	390.57	422.68	455.96	490.46
25	366.50	398.07	430.79	464.68	499.84
26	373.65	405.82	439.14	473.67	509.45
27	380.94	413.71	447.66	482.83	519.27
28	388.41	421.80	456.38	492.20	529.30
29	396.06	430.07	465.28	501.75	539.54
30	403.89	438.53	474.38	511.51	549.96
31	411.87	447.14	483.64	521.43	560.55
32	420.00	455.90	493.04	531.48	571.30
33	428.29	464.82	502.59	541.69	582.19
34	436.70	473.84	512.26	552.02	593.21
35	445.21	482.97	522.02	562.44	604.33
36	453.81	492.18	531.87	572.96	615.55
37	462.48	501.47	541.79	583.55	626.85
38	471.21	510.81	551.77	594.20	638.21
39	479.95	520.16	561.75	604.84	649.59
40	488.71	529.51	571.73	615.51	661.01
41	497.48	538.87	581.72	626.19	672.43
42	506.19	548.18	591.66	636.81	683.82
43	514.85	557.41	601.53	647.37	695.17
44	523.42	566.56	611.30	657.84	706.45
45	531.90	575.60	620.96	668.22	717.66
46	540.23	584.48	630.46	678.44	728.75
47	548.42	593.22	639.83	688.55	739.73
48	556.40	601.74	648.96	698.41	750 52
49	564.20	610.05	657.89	708.09	761.15
50	571.79	618.14	666.58	717.55	771.58
51	579.08	625.91	674.94	726.68	781.78
52	586.14	633.41	683.03	735.56	791.75
53	592.87	640.56	690.75	744.10	801.48
54	599.25	647.34	698.10	752.31	810.98
55	605.28	653.74	705.11	760.25	820.31
56	610.88	659.71	711.70	767.87	829.47
57	616.04	665.25	717.93	775.19	838.49
58	620.79	670.41	723.83	782.27	847.38
59	625.17	675.23	729.42	789.10	856.15
60	629.24	679.75	734.71	795.67	864.77

# **MEAN RESERVES**

#### 15 Payment Life FULL PRELIMINARY TERM

		YE	ARS		
Age	I	2	3	- 4	5
20	3.79	26.90	50.84	75.65	101.35
21	3.82	27.33	51.70	76.95	103.12
22	3.84	27.79	52.60	78.31	104.95
23	3.86	28.25	53.52	79.70	106.83
24	3.89	28.73	54.48	81.14	108.77
25	3.92	29.23	55.45	82.62	110.77
26	3.95	29.74	56.46	84.15	112.82
27	3.98	30.27	57.50	85.71	114.94
28	4.01	30.81	58.57	87.33	117.11
29	4.05	31.38	59.68	88.99	119.35
30	4.09	31.96	60.82	90.71	121.66
31	4.13	32.56	61.99	92.46	124.02
32	4.18	33.17	• 63.18	94.26	126.45
33	4.23	33.81	64.43	96.13	128.95
34	4.28	34 47	65.70	98.04	131.51
35	4.34	35.14	67.01	99.99	134.13
36	4.41	35.84	68.35	102.00	136.81
37	4.48	36.55	69.73	104.05	139.56
38	4.57	37.30	71.15	106.16	142.38
39	4.66	38.06	72.60	108.32	145.27
40	4.76	38.85	74.10	110.55	148.24
41	4.86	39.67	75.65	112.83	151.26
42	4.98	40.52	77.24	115.17	154.35
43	5.11	41.39	78.85	117.54	157.48
44	5.26	42.29	80.52	119.96	160.65
45	5.42	43.22	82.20	122.40	163.84
46	5.62	44.18	83.92	124.87	167.03
47	5.83	45.16	85.66	127.33	170.22
48	6.07	46.17	87.39	129.79	173.39
49	6.36	47.20	89.15	132.25	176.55
50	6.69	48.25	90.92	134.72	179.70
51	7.06	49.34	92.71	137.19	182.83
52	7.47	50.47	94.52	139.66	185.94
53	7.93	51.63	96.35	142.13	189.02
54	8.45	52.82	98.19	144.59	192.08
55	9.02	54.06	100.05	147.05	195.11
56	9.66	55.35	101.95	149.52	198.11
57	10.36	56.69	103.88	151.98	201.06
58	11.14	58.08	105.83	154.44	203.98
59	12.00	59.54	107.82	156.89	206.85
60	12.96	61.06	109.84	159.35	209.68

#### 258

AMER. EXP.

# **MEAN RESERVES**

#### 15 Payment Life

		YE	ARS		
Age	6	7	8	9	10
20	128.00	155.61	184.22	213.88	244.63
21	130.24	158.34	187.47	217.66	248.96
22	132.56	161.17	190.82	221.56	253.42
23	134.95	164.08	194.27	225.56	258.00
24	137.41	167.07	197.82	229.69	262.72
25	139.93	170.15	201.47	233.93	267.57
26	142.54	173.33	205.23	238.29	272.56
27	145.22	176.59	209.09	242.78	277.69
28	147.97	179.94	213.06	247.38	282.95
29	150.80	183.38	217.14	252.12	288.36
30	153.72	186.93	221.34	256.98	293.91
31	156.71	190.57	225.63	261.96	299.59
32	159.78	194.29	230.03	267.05	305.41
33	162.93	198.11	234.55	272.28	311.37
34	166.16	202.03	239.17	277.64	317.49
35	169.46	206.03	243.90	283.11	323.72
36	172.84	210.13	248.73	288.70	330.09
37	176.30	214.33	253.68	294.42	336.60
38	179.85	218.62	258.74	300.25	343.22
39	183.48	223.00	263.89	306.17	349.93
40	187.19	227.48	269.13	312.20	356.75
41	190.98	232.02	274.44	318.28	363.60
42	194.82	236.63	279.81	324.41	370.51
43	198.71	241.27	285.20	330.56	377.43
44	202.63	245.92	290.60	336.71	384.35
45	206.55	250.57	295.98	342.85	391.25
46	210.47	255.22	301.36	348.97	398.13
47	214.37	259.84	306.70	355.03	404.94
48	218.24	264.41	311.98	361.02	411.66
49	222.09	268.95	317.19	366.93	418.30
50	225.91	273.43	322.34	372.76	424.84
51	229.69	277.85	327.41	378.49	431.24
52	233.43	282.21	332.39	384.09	437.50
53	237.11	286.48	337.25	389.55	443.58
54	240.74	290.66	341.98	394.84	449.46
55	244.30	294.74	346.56	399.95	455.14
56	247.80	298.72	351.02	404.89	460.59
57	251.21	302.57	355.29	409.60	465.77
58	254.55	306.30	359.40	414.08	470.67
59	257.79	309.88	363.28	418.29	475.23
60	260.95	313.30	366.96	422.21	479.43

# **MEAN RESERVES**

#### 15 Payment Life

#### FULL PRELIMINARY TERM

		YE	ARS		
Age	11	I2 ·	13	14	15'
20	276.51	309.56	343.83	379.38	416.25
21	281.40	315.04	349.92	386.08	423.62
22	286.45	320.69	356.19	393.01	431.20
23	291.62	326.48	362.63	400.12	439.00
24	296.96	332.46	369.27	407.43	447.02
25	302.44	338.60	376.08	414.95	455.25
26	308.08	344.90	383.08	422.66	463.71
27	313.87	351.38	390.26	430.58	472.40
28	319.81	358.02	397.62	438.69	481.31
29	325.91	364.84	405.20	447.05	490.46
30	332.18	371.84	412.97	455.61	499.84
31	338.59	379.01	420.92	464.37	509.45
32	345.15	386.34	429.05	473.33	519.27
33	351.88	393.86	437.38	482.50	529.30
34	358.77	401.55	445.89	491.86	539.54
35	365.79	409.38	454.56	501.39	549.96
36	372.96	417.36	463.38	511.08	560.55
37	380.26	425.49	472.35	520.92	571.30
38	387.69	433.74	481.45	530.89	582.19
39	395.21	442.08	490.63	540.96	593.21
40	402.82	450.51	499.91	551.15	604.33
41	410.47	458.99	509.25	561.39	615.55
42	418.18	467.52	518.65	571.71	626.85
43	425.90	476.07	528.07	582.06	638.21
44	433.62	484.61	537.49	592.41	649.59
45	441.30	493.13	546.89	602.77	661.01
46	448.96	501.62	556.26	613.11	672.43
47	456.55	510.03	565.57	623.41	683.82
48	464.05	518.36	574.79	633.63	695.17
49	471.45	526.57	583.91	643.74	706.45
50	478.73	534.65	592.88	653.74	717.66
51	485.86	542.57	601.70	663.60	728.75
52	492.81	550.31	610.33	673.29	739.72
53	499.57	557.84	618.75	682.78	750.52
54	506.12	565.13	626.92	692.03	761.15
55	512.41	572.16	634.83	701.04	771.58
56	518.45	578.88	642.41	709.74	781.78
57	524.16	585.25	649.64	718.12	791.75
58	529.55	591.27	656.51	726.18	801.48
59	534.55	596.87	662.96	733.87	810.98
60	539.15	602.03	668.99	741.23	820.31

# MEAN RESERVES

#### 10 Payment Life

YEARS							
Age	I.	2	3	4	5		
20	3.79	40.01	77.56	116.49	156.88		
21	3.82	40.63	78.81	118.39	159.45		
22	3.84	41.28	80.10	120.36	162.11		
23	3.86	41.94	81.43	122.38	164.85		
24	3.89	42.63	82.81	124.47	167.67		
25	3.92	43.34	84.22	126.61	170.58		
26	3.95	44.07	85.68	128.82	173.56		
27	3.98	44.83	87.18	131.10	176.64		
28	4.01	45.60	88.73	133.44	179.82		
29	4.05	46.40	90.32	135.86	183.08		
30	4.09	47.23	91.96	138.34	186.43		
31	4.13	48.08	93.64	140.88	189.88		
32	4.18	48.95	95.37	143.50	193.42		
33	4.23	49.86	97.16	146.20	197.06		
34	4.28	50.79	99.00	148.97	200.79		
35	4.34	51.74	100.87	151.80	204.61		
36	4.41	52.73	102.80	154.71	208.53		
37	4.48	53.73	104.77	157.68	212.53		
38	4.57	54.77	106.80	160.73	216.64		
39	4.66	55.84	108.87	163.85	220.84		
40	4.76	56.94	111.01	167.05	225.14		
41	4.86	58.06	113.19	170.31	229.53		
42	4.98	59.22	115.42	173.64	233.99		
43	5.11	60.41	117.69	177.03	238.52		
44	5.26	61.63	120.01	180.47	243.11		
45	5.42	62.88	122.36	183.95	247.74		
46	5.62	64.16	124.75	187.46	252.39		
47	5.83	65.47	127.16	190.98	257.05		
48	6.07	66.79	129.56	194.49	261.69		
49	6.36	68.14	131.98	198.00	266.34		
50	6.69	69.51	134.41	201.51	270.96		
51	7.06	70.90	136.84	205.01	275.56		
52	7.47	72.32	139.27	208.48	280.11		
53	7.93	73.75	141.70	211.91	284.59		
54	8.45	75.22	144.12	215.31	289.02		
55	9.02	76.70	146.51	218.66	293.36		
56	9.66	78.20	148.91	221.96	297.62		
57	10.36	79.74	151.28	225.19	301.75		
58	11.14	81.30	153.62	228.33	305.74		
59	12.00	82.88	155.92	231.38	309.59		
60	12.96	84.50	158.19	234.33	313.29		

# **MEAN RESERVES**

#### 10 Payment Life

#### FULL PRELIMINARY TERM

	YEARS						
Age	6	7	8	9	10		
20	198.77	242.21	287.27	334.02	382.52		
21	202.03	246.20	292.01	339.55	388.86		
22	205.41	250.32	296.91	345.25	395.41		
23	208.89	254.58	301.97	351.13	402.16		
24	212.48	258.95	307.17	357.19	409.10		
25	216.17	263.47	312.53	363.44	416.25		
26	219.97	268.11	318.04	369.85	423.62		
27	223.88	272.88	323.71	376.46	431.20		
28	227.91	277.80	329.56	383.26	439.00		
29	232.05	282.85	335.56	390.25	447.02		
30	236.31	288.06	341.74	397.44	455.25		
31	240.69	293.40	348.08	404.82	463.71		
32	245.18	298.88	354.58	412.39	472.40		
33	249.80	304.50	361.26	420.17	481.31		
34	254.53	310.28	368.11	428.14	490.46		
35	259.37	316.18	375.13	436.31	499.84		
36	264.34	322.24	382.32	444.68	509.45		
37	269.42	328.44	389.68	453.25	519.27		
38	274.63	334.79	397.21	462.01	529.30		
39	279.95	341.26	404.88	470.92	539.54		
40	285.39	347.87	412.71	480.03	549.96		
41	290.92	354.60	420.68	489.28	560.55		
42	296.55	361.43	428.76	498.66	571.30		
43	302.26	368.35	436.93	508.15	582.19		
44	308.02	375.33	445.18	517.73	593.21		
45	313.83	382.36	453.49	527.40	604.33		
46	319.66	389.42	461.85	537.14	615.55		
47	325.50	396.50	470.23	546.93	626.85		
48	331.33	403.56	478.61	556.72	638.21		
49	337.14	410.62	486.99	566.54	649.59		
50	~ 342.93	417.64	495.34	576.34	661.01		
51	348.68	424.62	503.64	586.11	672.43		
52	354.36	431.52	511.88	595.83	683.82		
53	359.97	438.34	520.02	605.46	695.17		
54	365.49	445.04	528.05	614.99	706.45		
55	370.90	451.61	535.93	624.39	717.66		
56	376.18	458.03	543.65	633.65	728.75		
57	381.29	464.26	551.18	642.72	739.72		
58	386.23	470.28	558.48	651.58	750.52		
59	390.98	476.08	565.53	660.20	761.15		
60	395.51	481.60	572.29	668,54	771.58		

#### 262

AMER. EXP.

# **MEAN RESERVES**

# 3%

#### 20 Year Endowment

YEARS								
Age.	I	2	3	4	5			
20	3.79	40.13	77.81	116.88	157.40			
21	3.82	40.15	77.82	116.89	157.41			
22	3.84	40.17	77.84	116.90	157.42			
23	3.86	40.19	77.86	116.92	157.43			
24	3.89	40.22	77.88	116.94	157.45			
25	3.92	40.25	77.91	116.97	157.47			
26	3.95	40.28	77.94	117.00	157.50			
27	3.98	40.31	77.98	117.03	157.53			
28	4.01	40.35	78.02	117.07	157.57			
29	4.05	40.40	78.07	117.12	157.62			
30	4.09	40.45	78.13	117.18	157.67			
31	4.13	40.50	78.19	117.25	157.73,			
32	4.18	40.56	78.26	117.33	157.81			
33	4.23	40.63	78.35	117.43	157.91			
34	4.28	40.71	78.45	117.54	158.03			
35	4.34	40.80	78.57	117.67	158.17			
36	4.41	40.90	78.70	117.82	158.34			
37	4.48	41.02	78.85	118.00	158.55			
38	4.57	41.16	79.03	118.22	158.80			
39	4.66	41.32	79.24	118.48	159.09			
40	4.76	41.50	79.48	118.78	159.44			
41	4.86	41.70	79.76	119.13	159.84			
42	4.98	41.92	80.08	119.53	160.29			
43	5.11	42.17	80.44	119.97	160.79			
44	5.26	42.46	80.84	120.46	161.34			
45	5.42	42.78	81.28	121.00	161.93			
46	5.62	43.14	81.76	121.58	162.56			
47	5.83	43.53	82.29	122.20	163.22			
48	6.07	43.96	82.86	122.86	163.91			
49	6.36	44.43	83.47	123.56	164.65			
50	6.69	44.95	84.14	124.32	165.46			
51	7.06	45.53	84.87	125.16	166.36			
52	7.47	46.17	85.68	126.08	167.35			
53	7.93	46.87	86.57	127.09	168.43			
54	8.45	47.64	87.55	128.20	169.62			
55	9.02	48.50	88.63	129.43	170.94			
56	9.66	49.45	89.82	130.79	172.39			
57	10.36	50.49	91.13	132.28	173.97			
58	11.14	51.64	92.56	133.90	175.69			
59	12.00	52.82	94.11	135.66	177.57			
60	12.96	54.29	95.80	137.58	179.61			

# **MEAN RESERVES**



#### 20 Year Endowment

		YE	ARS		
Age	6	7	8	9	10
20 21 22 23 24	199.43 199.43 199.43 199.43 199.43 199.44	243.02 243.01 243.00 243.00 243.00	288.24 288.22 288.20 288.19 288.18	335.15 335.12 335.10 335.08 335.06	383.82 383.78 383.75 383.72 383.69
25	199.45	243.01	288.18	335.04	383.66
26	199.47	243.02	288.18	335.03	383.63
27	199.50	243.04	288.19	335.02	383.61
28	199.54	243.06	288.21	335.02	383.60
29	199.58	243.09	288.23	335.03	383.59
30	199.63	243.14	288.26	335.05	383.59
31	199.69	243.20	288.30	335.08	383.60
32	190.77	243.27	288.36	335.12	383.62
33-	199.87	243.36	288.44	335.18	383.66
34	199.99	243.47	288.54	335.27	383.72
35	200.13	243.61	288.67	335.39	383.81
36	200.31	243.79	288.84	335.55	383.95
37	200.53	244.02	289.06	335.75	384.13
38	200.80	244.30	289.33	336.00	384.35
39	201.12	244.63	289.66	336.30	384.60
40	201.49	245.01	290.04	336.64	384.88
41	201.92	245.45	290.46	337.01	385.18
42	202.40	245.93	290.91	337.40	385.48
43	202.93	246.45	291.39	337.80	385.79
44	203.50	247.00	291.89	338.21	386.10
45	204.10	247.57	292.40	338.63 <sup>°</sup>	386.40
46	204.73	248.17	292.93	339.06	386.70
47	205.39	248.80	293.48	339.50	387.01
48	206.09	249.46	294.06	339.96	387.32
49	206.84	250.17	294.68	340.45	387.65
50	207.65	250.94	295.35	340.99	388.01
51	208.54	251.78	296.19	341.59	388.40
52	209.53	252.71	296.91	342.26	388.84
53	210.63	253.74	297.83	343.00	389.34
54	211.84	254.88	298.85	343.83	389.92
55	213.16	256 14	299.98	344.75	390.57
56	214.61	257.53	301.22	345.77	391.29
57	216.20	259.05	302.58	346.88	392.07
58	217.94	260.71	304.06	348.08	392.89
59	219.83	262.51	305.65	349.36	393.75
60	221.88	264.44	307.35	350.70	394.63

#### $264^{\circ}$

AMER. EXP.

# MEAN RESERVES

\_\_\_\_\_

#### 20 Year Endowment

		YE.	ARS		
Age	11	12	13	14	15
20	434.32	486.73	541.14	597.61	656.25
21	434.27	486.67	541.07	597.54	656.18
22	434.23	486.61	541.00	597.47	656.11
23	434.19	486.56	540.93	597.40	656.04
24	434.15	486.51	540.86	597.33	655.96
25	434.11	486.46	540.79	497.25	655.87
26	434.07	486.41	540.72	597.17	655.77
27	434.03	486.36	540.65	597.08	655.67
28	434.00	486.31	540.58	596.99	655.57
29	433.97	486.26	540.52	596.90	655.47
30 31 32 33 34	433.95 433.93 433.93 433.95 433.95 433.99	486.21 486.17 486.14 486.13 486.14	540.46 540.40 540.35 540.31 540.29	596.81 596.73 596.65 596.58 596.51	655.36 655.25 655.14 655.03 654.92
35	434.05	486.16	540.29	596.45	654.80
36	434.14	486.21	540.30	596.39	654.67
37	434.27	486.28	540.30	596.32	654.53
38	434.44	486.40	540.30	596.25	654.39
39	434.63	486.51	540.30	596.16	654.22
40	434.83	486.61	540.30	596.05	654.02
41	435.03	486.70	540.27	595.91	653.77
42	435.23	486.78	540.22	595.73	653.47
43	435.43	486.84	540.14	595.51	653.12
44	435.61	486.87	540.03	595.24	652.72
45	435.77	486.87	539.87	594.91	652.26
46	435.92	486.85	539.67	594.54	651.73
47	436.06	486.80	539.43	594.12	651.12
48	436.19	486.73	539.14	593.63	650.43
49	436.32	486.63	538.80	593.07	649.66
50	436.46	486.53	538.44	592.46	648.82
51	436.61	486.43	538.05	591.80	647.90
52	436.79	486.33	537.64	591.08	646.90
53	437.01	486.23	537.21	590.30	645.81
54	437.29	486.14	536.75	589.43	644.63
55	437.61	486.07	536.26	588.48	643.33
56	437.95	485.99	535.71	587.45	641.86
57	438.31	485.88	535.08	586.28	640.19
58	438.68	485.72	534.34	584.95	638.32
59	439.03	485.48	533.45	583.48	636.27
60 ·	439.34	485.14	532.44	581.83	634.08

# MEAN RESERVES

#### 20 Year Endowment

#### FULL PRELIMINARY TERM

		Y	EARS		
Age	16	17	18	19	20
20	717.15	780.40	846.13	914.43	985.44
21	717.08	780.34	846.07	914.40	985.44
22 <sup>.</sup>	717.01	780.27	846.01	914.37	985.44
23	716.93	780.20	845.95	914.34	985.44
24	716.84	780.12	845.88	914.30	985.44
25	716.75	780.03	845.81	914.26	985.44
26	716.65	779.93	845.73	914.21	985.44
27	716.55	779.83	845.65	914.16	985.44
28	716.44	779.73	845.56	914.10	985.44
29	716.33	779.62	845.46	914.04	985.44
30 31 32 33 - 34	716.21 716.09 715.96 715.83 715.69	779.50 779.37 779.23 779.09 778.93	845.35 845.23 845.10 844.96 844.81	913.97 913.89 913.80 913.70 913.59	985.44 985.44 985.44 985.44 985.44
35	715.54	778.75	844.65	913.47	985.44
36	715.37	778.55	844.47	913.33	985.44
37	715.17	778.32	844.25	913.18	985.44
38	714.95	778.07	844.00	913.01	985.44
39	714.71	777.79	843.73	912.82	985.44
40	714.43	777.47	843.42	912.62	985.44
41	714.10	777.10	843.07	912.39	985.44
42	713.71	776.67	842.67	912.12	985.44
43	713.26	776.18	842.22	911.80	985.44
44	712.75	775.63	841.72	911.45	985.44
45	712.18	775.00	841.15	911.06	985.44
46	711.53	774.30	840.51	910.63	985.44
47	710.80	773.51	839.78	910.16	985.44
48	709.97	772.63	838.97	909.63	985.44
49	709.05	771.65	838.06	909.03	985.44
50	708.04	770.57	837.07	908.36	985.44
51	706.93	769.38	835.98	907.62	985.44
52	705.71	768.08	834.77	906.80	985.44
53	704.37	766.64	833.43	905.89	985.44
54	702.91	765.04	831.94	904.88	985.44
55	701.31	763.27	830.29	903.76	985.44
56	699.49	761.29	828.45	902.52	985.44
57	697.45	759.07	826.42	901.15	985.44
58	695.21	756.69	824.22	899.66	985.44
59	692.77	754.10	821.85	898.04	985.44
60	690.17	751.36	819.30	896.26	985.44

# **MEAN RESERVES**

# 3%

#### 15 Year Endowment

		YE.	ARS		
Acro					-
Age	r	<b>2</b>	3	<b>4</b>	5
20	3.79	58.28	114.81	173.44	234.28
21	3.82	58.29	114.80	173.43	234.26
22	3.84	58.30	114.80	173.42	234.24
23	3.86	58.31	114.81	173.41	234.22
24	3.89	58.33	114.81	173.40	234.20
25 26 27 28 29	3.92 3.95 3.98 4.01 4.05	58.35 58.37 58.39 58.41 58.44	114.82 114.82 114.83 114.84 114.85	173.39 173.38 173.38 173.38 173.38 173.38	234.18 234.16 234.14 234.12 234.10
30	4.09	58.47	114.87	173.38	234.08
31	4.13	58.50	114.89	173.38	234.06
32	4.18	58.54	114.91	173.39	234.05
33	4.23	58.58	114.94	173.40	234.04
34	4.28	58.63	114.97	173.41	234.03
35	4.34	58.68	115.00	173.42	234.02
36	4.41	58.74	115.04	173.44	234.02
37	4.48	58.80	115.09	173.47	234.02
38	4.57	58.87	115.15	173.51	234.04
39	4.66	58.96	115.22	173.57	234.08
40	4.76	59.06	115.31	173.65	234.14
41	4.86	59.18	115.43	173.75	234.22
42	4.98	59.31	115.57	173.87	234.32
43	5.11	59.46	115.73	174.01	234.43
44	5.26	59.63	115.91	174.17	234.55
45	5.42	59.82	116.11	174.35	234.67
46	5.62	60.04	116.32	174.54	234.78
47	5.83	60.28	116.54	174.71	234.87
48	6.07	60.54	116.77	174.88	234.94
49	6.36	60.83	117.02	175.05	235.00
50	6.69	61.15	117.29	175.23	235.06
51	7.06	61.50	117.59	175.43	235.12
52	7.47	61.89	117.92	175.64	235.18
53	7.93	62.33	118.28	175.87	235.24
54	8.45	62.82	118.67	176.13	235.32
55	9.02	63.36	119.11	176.43	235.42
56	9.66	63.95	119.61	176.77	235.54
57	10.36	64.61	120.17	177.16	235.69
58	11.14	65.35	120.80	177.60	235.87
59	12.00	66.18	121.50	178.09	236.09
60	12.96	67.10	122.28	178,65	236.35

# **MEAN RESERVES**

#### 15 Year Endowment FULL PRELIMINARY TERM

YEARS

		Y	EARS		
Age	6	7	8	9	10
20	297.41	362.92	430.90	501.46	574.72
20	297.37	362.87	430.85	501.40	574.66
- 22	297.34	362.83	430.80	501.34	574.60
23	297.34	362.83	430.75	501.28	574.54
- 24	297.31	362.79	430.69	501.28	574.34
24	297.20	302.75	430.09	501.22	374.47
25	297.24	362.70	430.63	501.15	574.39
26	297.21	362.65	430.57	501.08	574.31
27	297.17	362.60	430.51	501.01	574.23
28	297.14	362.55	430.45	500.94	574.14
29	297.10	362.50	430.38	500.86	574.04
30	297.07	362.45	430.31	500.77	573.94
31	297.03	362.39	430.23	500.67	573.83
32	297.00	362.33	430.15	500.57	573.71
33	296.96	362.26	430.06	500.46	573.59
34	296.93	362.19	429.97	500.35	573.46
01	270.70	002.17	427.77	500.55	575.40
35	296.90	362.13	429.88	500.23	573.32
36	296.87	362.07	429.79	500.11	573.18
37	. 296.84	362.02	429.71	500.00	573.03
38 -	296.83	361.98	429.64	499.89	572.88
39	296.84	361.96	429.58	499.78 -	572.72
40	296.87	361.95	400 FO	100.00	
40	296.87	361.95	429.52	499.66	572.55
42	296.91		429.45	499.53	572.35
43	290.97	361.95	429.37	499.37	572.12
44	297.03	361.93 361.89	429.27	499.18	571.85
TT	227.00	301.89	429.13	498.94	571.53
45	297.11	361.82	428.95	498.65	571.15
46	297.12	361.72	428.73	498.31	570.69
47	297.10	361.58	428.46	497.90	570.15
48	297.05	361.40	428.13	497.42	569.54
49	296,98	361.18	427.74	496.87	568.86
50	206.90	260.02	427 20	106.05	E (0.10
51	296.89 296.78	360.92 360.62	427.29	496.25	568.10
52	296.65	360.82	426.79	495.56	567.25
53	296.52	359.91	426.24 425.64	494.80	566.30
53 54	296.32			493.96	565.25
54	290.39	359.52	424.98	493.04	564.10
55	296.25	359.10	424.27	492.03	562.84
- 56	296.10	358.65	423.51	490.94	561.47
57	295.95	358.18	422.69	489.77	559.99
58	295.81	357.68	421.78	488.50	558.37
59	295.69	357.16	420.84	487.12	556.59
60	295.58	356.62	419.81	485.61	554.62
00	293.30	550.02	419.01	405.01	554.63

# MEAN RESERVES

#### 15 Year Endowment

YEARS							
Age	11	12	13	14	15		
20	650.76	729.73	811.74	896.93	985.44		
21	650.70	729.67	811.69	896.90	985.44		
22	650.63	729.61	811.64	896.87	985.44		
23	650.56	729.55	811.59	896.84	985.44		
24	650.49	729.48	811.54	896.81	985.44		
25	650.42	729.41	811.48	896.77	985.44		
26	650.34	729.34	811.42	896.73	985.44		
27	650.26	729.26	811.35	896.69	985.44		
28	650.17	729.17	811.28	896.64	985.44		
29	650.07	729.07	811.20	896.59	985.44		
30	649.96	728.96	811.11	896.53	985.44		
31	649.84	728.85	811.01	896.47	985.44		
32	649.72	728.73	810.91	896.40	985.44		
33	649.59	728.60	810.80	896.33	985.44		
34	649.45	728.46	810.68	896.25	985.44		
35	649.30	728.31	810.54	896.16	985.44		
36	649.14	728.15	810.39	896.06	985.44		
37	648.97	727.97	810.23	895.95	985.44		
38	648.79	727.77	810.05	895.83	985.44		
39	648.59	727.55	809.85	895.70	985.44		
40	648.37	727.31	809.62	895.55	985.44		
41	648.12	727.04	809.36	895.38	985.44		
42	647.83	726.73	809.06	895.18	985.44		
43	647.49	726.37	808.71	894.95	985.44		
44	647.09	725.95	808.32	894.69	985.44		
45	646.63	725.47	807.88	894.40	985.44		
46	646.11	724.92	807.39	894.08	985.44		
47	645.51	724.29	806.83	893.71	985.44		
48	644.82	723.57	806.20	893.29	985.44		
49	644.04	722.76	805.49	892.82	985.44		
50	643.16	721.86	804.69	892.30	985.44		
51	642.18	720.86	803.80	891.71	985.44		
52	641.10	719.74	802.81	891.05	985.44		
53	639.91	718.51	801.72	890.32	985.44		
54	638.61	717.16	800.51	889.52	985.44		
55	637.18	715.68	799.17	888.64	985.44		
56	635.62	714.06	797.70	887.67	985.44		
57	633.91	712.27	796.08	886.59	985.44		
58	632.02	710.29	794.28	885.38	985.44		
59	629.94	708.10	792.28	884.04	985.44		
60	627.64	705.67	790.06	882.57	985.44		

# **MEAN RESERVES**

#### 10 Year Endowment.

YEARS						
Age	I	2	3	4	5	
20	3.79	97.33	194.40	295.14	399.69	
21	3.82	97.33	194.39	295.12	399.66	
22	3.84	97.34	194.38	295.10	399.63	
23	3.86	97.35	194.37	295.08	399.60	
24	3.89	97.36	194.36	295.05	399.56	
25	3.92	97.37	194.35	295.02	399.52	
26	3.95	97.38	194.34	294.99	399.48	
27	3.98	97.39	194.33	294.96	399.43	
28	4.01	97.40	194.32	294.93	399.38	
29	4.05	97.41	194.31	294.90	399.33	
30	4.09	97.42	194.30	294.86	399.28	
31	4.13	97.43	194.29	294.82	399.22	
32	4.18	97.45	194.28	294.78	399.16	
33	4.23	97.47	194.27	294.74	399.09	
34	4.28	97.49	194.26	294.70	399.02	
35	4.34	97.52	194.25	294.65	398.94	
36	4.41	97.55	194.23	294.60	398.85	
37	4.48	97.58	194.21	294.55	398.75	
38	5.57	97.61	194.19	294.49	398.65	
39	4.66	97.65	194.18	294.43	398.55	
40	4.76	97.69	194.17	294.37	398.45	
41	4.86	97.74	194.17	294.31	398.34	
42	4.98	97.80	194.17	294.25	398.23	
43	5.11	97.87	194.18	294.19	398.10	
44	5.26	97.95	194.19	294.12	397.95	
45	5.42	98.04	194.21	294.04	397.78	
46	5.62	98.14	194.22	293.94	397.58	
47	5.83	98.26	194.22	293.82	397.34	
48	6.07	98.39	194.21	293.67	397.05	
49	6.36	98.54	194.19	293.49	396.71	
50	6.69	98.70	194.16	293.28	396.33	
51	7.06	98.88	194.12	293.04	395.90	
52	7.47	99.08	194.08	292.77	395.41	
53	7.93	99.30	194.03	292.46	394.86	
54	8.45	99.54	193.97	292.11	394.25	
55	9.02	99.80	193.91	291.73	393.58	
56	9.66	100.09	193.85	291.32	392.85	
57	10.36	100.42	193.79	290.87	392.05	
58	11.14	100.79	193.73	290.37	391.17	
59	12.00	101.20	193.66	289.82	390.20	
60	· 12.96	101.65	193.59	289.22	389.13	

# MEAN RESERVES



#### 10 Year Endowment.

YEARS					
Age	6	7	8	9	10 .
20	508.22	620.88	737.85	859.30	985.44
21	508.18	620.84	737.81	859.28	985.44
22	508.14	620.80	737.77	859.26	985.44
23	508.10	620.76	737.73	859.23	985.44
24	508.05	620.71	737.69	859.20	985.44
25	508.00	620.66	737.64	859.17	985.44
26	507.95	620.61	737.59	859.14	985.44
27	507.90	620.56	737.54	859.11	985.44
28	507.84	620.50	737.49	859.08	985.44
29	507.78	620.43	737.44	859.05	985.44
30	507.72	620.36	737.38	859.01	985.44
31	507.65	620.28	737.32	858.96	985.44
32	507.57	620.19	737.25	858.91	985.44
33	507.49	620.10	737.17	858.85	985.44
34	507.40	620.00	737.08	858.78	985.44
35	507.30	619.89	736.98	858.71	985.44
36	507.19	619.77	736.87	858.64	985.44
37	507.07	619.64	736.75	858.56	985.44
38	506.95	619.50	736.62	858.47	985.44
39	506.82	619.35	736.48	858.37	985.44
40	506.68	619.19	736.33	858.26	985.44
41	506.53	619.02	736.16	858.14	985.44
42	506.36	618.83	735.97	858.01	985.44
43	506.17	618.61	735.75	857.86	985.44
44	505.95	618.35	735.49	857.69	985.44
45	505.70	618.05	735.20	857.49	985.44
46	505.40	617.70	734.87	857.26	985.44
47	505.05	617.30	734.49	857.00	985.44
48	504.65	616.84	734.05	856.70	985.44
49	504.20	616.32	733.55	856.36	985.44
50	503.69	615.74	732.99	855.98	985.44
51	503.11	615.09	732.37	855.56	985.44
52	502.46	614.36	731.68	855.09	985.44
53	501.74	613.55	730.91	854.57	985.44
54	500.94	612.65	730.05	853.99	985.44
55	500.05	611.65	729.10	853.34	985.44
56	499.07	610.54	728.05	852.62	985.44
57	497.98	609.31	726.89	851.82	985.44
58	496.78	607.95	725.60	850.94	985.44
59	495.47	606.45	724.18	849.97	985.44
60	494.03	604.81	722.61	848.88 -	985.44

1

#### **20 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

		YI	EARS		
Age	I	2	3	4	5
20	75.55	73.04	70.42	67.71	64.89
21	76.56	74.04	71.42	68.70	65.87
22	77.65	75.13	72.50	69.78	66.94
23	78.85	76.32	73.69	70.96	68.12
24	80.16	77.63	75.00	72.26	69.40
25	81.61	79.08	76.44	73.70	70.83
26	83.20	80.67	78.03	75.28	72.40
27	84.97	82.45	79.80	77.05	74.16
28	86.95	84.42	81.78	79.02	76.12
29	89.15	86.63	83.99	81.23	78.32
30	91.64	89.13	86.49	83.72	80.80
31	94.44	91.94	89.31	86.54	83.62
32	97.61	95.12	92.49	89.73	86.80
33	101.16	98.69	96.08	93.32	90.39
34	105.15	102.71	100.11	97.36	94.43
35	109.64	107.22	104.64	101.90	98.97
36	114.65	112.26	109.70	106.97	104.04
37	120.24	117.89	115.36	112.65	109.73
38	126.47	124.16	121.67	118.98	116.07
39	133.39	131.12	128.67	126.01	123.12
40	141.04	138.84	136.44	133.82	130.94
41	149.52	147.38	145.03	142.45	139.59
42	158.86	156.80	154.51	151.97	149.13
43	169.14	167.16	164.94	162.44	159.61
44	180.41	178.52	176.36	173.90	171.09
45	192.72	190.93	188.85	186.43	183.62
46	206.16	204.47	202.47	200.09	197.27
47	220.78	219.20	217.27	214.93	212.10
48	236.63	235.16	233.30	231.00	228.19
49	253.77	252.41	250.64	248.40	245.59
50	272.22	271.00	269.32	267.14	264.35
51	292.02	290.94	289.38	287.26	284.50
52	313.16	312.24	310.80	308.77	306.04
53	335.58	334.82	333.52	331.58	328.91
54	359.15	358.58	357.43	355.60	353.01
55	383.78	383.40	382.41	380.72	378.21
56	409.34	409.18	408.38	406.83	404.42
57	435.75	435.82	435.22	433.84	431.55
58	462.95	463.27	462.89	461.69	459.54
59	490.88	491.47	491.33	490.35	488.39
60	519.46	520.34	520.48	519.76	518.02

### **MEAN RESERVES**



### 20 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

YEARS 8 Age 6 7 9 10 20 61.97 58.93 55.77 52.47 49.05 49.92 21 62.94 59.88 56.70 53.38 22 63.99 60.92 57.72 54.37 50.88 23 55.47 51.95 65.15 58.84 62.06 24 66.43 63.31 60.07 56.67 53.11 25 58.01 54.41 67.84 64.71 61.44 26 69.40 66.25 62.95 59.48 55.85 27 71.14 67.97 64.64 61.14 57.46 28 73.08 69.89 66.53 63.00 59.27 29 61.30 75.26 72.05 68.67 65.09 77.74 30 74.50 71.09 67.46 63.62 66.25 31 80.54 77.28 70.16 73.83 32 83.71 76.93 73.21 69.24 80.43 33 87.29 83.97 80.45 76.67 72.64 34 91.31 87.97 84.41 80.58 76.48 35 95.83 92.47 88.87 84.99 80.81 36 85.67 100.90 97.53 93.89 89.95 37 106.59 99.50 95.49 91.12 103.19 38 112.93 109.50 105.77 101.68 97.18 39 119.97 116.52 112.73 108.55 103.91 40 127.79 124.30 120.44 116.15 111.35 41 136.42 132.90 128.96 124.53 119.54 42 145.95 142.37 138.33 133.74 128.53 43 156.41 152.76 148.60 143.84 138.40 44 167.85 164.12 159.83 154.88 149.20 45 180.34 176.52 172.09 166.94 160.99 46 193.95 190.04 185.46 180.10 173.86 47 208.74 204.73 200.00 194.42 187.88 48 224.78 220.68 215.79 209.98 203.12 49 242.14 237.95 232.90 226.85 219.68 50 260.87 256.58 251.37 245.09 237.59 51 280.99 276.62 271.26 264.75 256.91 52 302.52 298.08 292.58 285.83 277.65 53 325.40 320.90 315.25 308.28 299.76 54 349.51 344.96 339.19 331.99 323.15 55 374.74 364.27 370.16 356.87 347.71 401.00 396.39 390.42 56 382.84 373.36 57 428.19 423.60 417.56 409.80 400.04 58 456.29 451.74 445.66 437.77 427.74 485.28 59 480.80 474.72 466.74 456.51 60 515.08 510.73 504.72 496.71 486.34

### 20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

YEARS					
Age	II	12	13	14	15
20	45.47	41.73	37.84	33.75	29.48
21	46.31	42.54	38.60	34.45	30.12
22	47.24	43.42	39.42	35.22	30.81
23	48.26	44.39	40.34	36.07	31.58
24	49.38	45.46	41.35	37.01	32.43
25	50.63	46.66	42.48	38.05	33.37
26	52.02	47.98	43.73	39.20	34.42
27	53.58	49.47	45.13	40.51	35.61
28	55.32	51.14	46.70	41.98	36.95
29	57.29	53.02	48.49	43.65	38.48
30	59.53	55.18	50.54	45.57	40.25
31	62.09	57.64	52.89	47.78	42.28
- 32	65.00	60.46	55.57	50.31	44.61
33	68.31	63.65	58.63	53.18	47.25
34	72.05	67.27	62.08	56.42	50.23
35	76.28	71.35	65.97	60.07	53.57
36	81.02	75.92	70.32	64.14	57.29
37	86.32	81.03	75.18	68.67	61.42
38	92.22	86.71	80.56	73.69	65.99
39	98.75	92.98	86.50	79.22	71.04
40	105.96	99.89	93.05	85.33	76.61
41	113.89	107.50	100.27	92.07	82.75
42	122.61	115.88	108.21	99.48	89.52
43	132.18	125.07	116.93	107.62	96.96
44	142.65	135.13	126.48	116.54	105.12
45	154.09	146.13	136.93	126.32	114.08
46	166.60	158.16	148.38	137.05	123.92
47	180.22	171.29	160.89	148.78	134.69
48	195.06	185.61	174.53	161.59	146.48
49	211.19	201.18	189.40	175.58	159.38
50	228.65	218.06	205.55	190.80	173.44
51	247.52	236.33	223.05	207.33	188.74
52	267.80	256.00	241.93	225.19	205.29
53	289.44	277.02	262.13	244.32	223.06
54	312.37	299.31	283.57	264.65	241.95
55	336.46	322.76	306.15	286.08	261.87
56	361.65	347.31	329.81	308.56	282.79
57	387.89	372.90	354.52	332.07	304.71
58	415.17	399.57	380.33	356.70	327.81
59	443.58	427.42	407.37	382.67	352.37
60	473.13	456.51	435.81	410.20	378.67

# **MEAN RESERVES**

#### 20 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

		YE.	ARS		
Age	16	17	18	19	20
20	25.00	20.30	15.36	10.15	4.65
21	25.56	20.77	15.72	10.39	4.75
22	26.17	21.28	16.12	10.65	4.86
23	26.85	21.85	16.55	10.94	4.98
24	27.59	22.46	17.03	11.25	5.11
25	28.42	23.16	17.57	11.62	5.26
26	29.34	23.94	18.18	12.02	5.42
27	30.39	24.83	18.88	12.49	5.62
28	31.58	25.84	19.67	13.02	5.83
29	32.95	27.00	20.58	13.63	6.07
30	34.52	28.34	21.64	14.34	6.36
31	36.34	29.89	22.86	15.16	6.69
32	38.41	31.66	24.25	16.08	7.06
33	40.77	33.65	25.80	17.11	7.47
34	43.42	35.89	27.54	18.26	7.93
35	46.37	38.38	29.48	19.55	8.45
36	49.66	41.14	31.63	20.98	9.02
37	53.30	44.22	34.03	22.57	9.65
38	57.35	47.63	36.68	24.32	10.36
39	61.81	51.39	39.60	26.26	11.13
40	66.73	55.54	42.84	28.41	12.00
41	72.17	60.12	46.42	30.79	12.96
42	78.15	65.19	50.38	33.43	14.02
43	84.75	70.78	54.75	36.35	15.19
44	92.00	76.92	59.55	39.55	16.48
45	99.96	83.67	64.84	43.08	17.90
46	108.72	91.10	70.69	47.01	19.48
47	118.32	99.28	77.13	51.33	21.22
48	128.85	108.27	84.23	56.10	23.13
49	140.40	118.15	92.04	61.37	25.24
50	153.01	128.95	100.61	67.14	27.55
51	166.75	140.76	109.98	73.48	30.09
52	181.66	153.58	120.18	80.38	32.85
53	197.68	167.37	131.15	87.78	35.79
54	214.71	182.04	142.80	95.64	38.92
55	232.69	197.51	155.11	103.99	42.24
56	251.58	213.82	168.17	112.90	45.81
57	271.47	231.11	182.13	122.53	49.66
58	292.58	249.66	197.29	133.11	53.91
59	315.27	269.83	214.00	144.92	58.65
60	339.86	291.97	232.55	158.15	63.95

# 15 Year Mortuary Additions

### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YE	ARS		
Age	x	2	3	4	5
20	56.50	53.62	50.63	47.54	44.33
21	57.08	54.19	51.18	48.07	44.84
22	57.71	54.81	51.79	48.66	45.42
23	58.40	55.48	52.45	49.31	46.03
24	59.15	56.22	53.18	50.01	46.72
25	59.98	57.03	53.97	50.78	47.46
26	60.88	57.92	54.84	51.64	48.29
27	61.87	58.89	55.79	52.56	49.19
28	62.95	59.96	56.84	53.59	50.19
29	64.13	61.13	57.99	54.71	51.28
30	65.45	62.43	59.27	55.96	52.49
31	66.91	63.87	60.68	57.34	53.84
32 -	68.53	65.47	62.26	58.90	55.35
33	70.34	67.27	64.03	60.63	57.05
34	72.38	69.29	66.03	62.59	58.96
35	74.69	71.58	68.29	64.82	61.13
36	77.31	74.18	70.86	67.34	63.60
37	80.27	77.12	73.77	70.21	66.41
38	83.61	80.44	77.06	73.46	69.60
39	87.37	84.18	80.77	77.12	73.21
40 -	91.59	88.39	84.95	81.26	77.27
41	96.33	93.12	89.65	85.90	81.83
42	101.63	98.40	94.89	91.09	86.93
43	107.54	104.28	100.74	96.86	92.60
44	114.08	110.81	107.22	103.26	98.88
45	121.34	118.05	114.40	110.35	105.82
46	129.35	$126.03 \\ 134.84 \\ 144.50 \\ 155.08 \\ 166.65$	122.32	118.16	113.46
47	138.20		131.04	126.74	121.86
48	147.91		140.61	136.17	131.08
49	158.55		151.08	146.48	141.18
50	170.18		162.54	157.77	152.24
51	182.90	179.30	175.07	170.12	164.34
52	196.75	193.09	188.73	183.59	177.54
53	211.82	208.08	203.59	198.25	191.92
54	228.17	224.36	219.74	214.19	207.57
55	245.85	241.97	237.21	231.45	224.53
56	264.91	260.96	256.08	250.11	242.88
57	285.36	281.36	276.34	270.16	262.62
58	307.14	303.09	297.95	291.56	283.70
59	330.16	326.06	320.81	314.21	306.05
60	354.32	350.20	344.84	338.05	329.58

3%

# **MEAN RESERVES**



### 15 Year Mortuary Additions

#### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

\_\_\_\_\_

		YEA	RS		
Age	6	7	8	9	10
20	41.00	37.54	33.95	30.22	26.34
21	41.49	38.01	34.39	30.62	26.70
22	42.04	38.53	34.88	31.07	27.10
23	42.63	39.09	35.40	31.56	27.54
24	43.29	39.71	35.99	32.10	28.04
25	44.01	40.40	36.64	32.70	28.57
26	44.80	41.16	37.35	33.36	29.18
27	45.67	41.99	38.12	34.08	29.83
28	46.63	42.90	38.99	34.88	30.56
29	47.68	43.90	39.94	35.76	31.36
30	48.85	45.03	41.00	36.75	32.25
31	50.15	46.27	42.17	37.84	33.24
32	51.62	47.67	43.49	39.06	34.36
33	53.25	49.24	44.98	40.45	35.63
34	55.10	51.01	46.66	42.03	37.08
35	57.21	53.04	48.60	43.85	38.76
36	59.61	55.36	50.82	45.94	40.68
37	62.36	58.01	53.35	48.32	42.89
38	65.47	61.03	56.23	51.04	45.39
39	68.99	64.43	59.49	54.10	48.21
40	72.96	68.27	63.15	57.54	51.36
41	77.41	72.57	67.25	61.38	54.87
42	82.37	77.36	71.82	65.65	58.77
43	87.90	82.68	76.86	70.36	63.07
44	94.01	88.55	82.43	75.56	67.82
45	100.74	95.02	88.58	81.30	73.07
46	108.15	102.15	95.34	87.62	78.85
47	116.31	109.99	102.80	94.59	85.23
48	125.27	118.61	110.99	102.25	92.24
49	135.08	128.06	119.97	110.66	99.95
50	145.83	138.40	129.81	119.89	108.42
51	157.59	149.74	140.61	130.02	117.74
52	170.44	162.13	152.44	141.12	127.94
53	184.45	175.66	165.35	153.27	139.13
54	199.71	190.41	179.45	166.54	151.38
55	216.27	206.43	194.77	181.00	164.76
56	234.19	223.79	211.42	196.74	179.33
57	253.49	242.53	229.41	213.76	195.12
58	274.14	262.59	248.69	232.03	212.09
59	296.05	283.89	269.18	251.46	230.15
60	319.13	<b>306.35</b>	290.80	271.97	249.22

### 15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)

YEARS					
Age	11	'12	13	14	<sup>c</sup> 15
20	22.29	18.08	13.68	9.09	4.29
21	22.61	18.34	13.88	9.22	4.34
22	22.96	18.64	14.11	9.38	4.41
23	23.35	18.96	14.36	9.54	4.48
24	23.78	19.32	14.65	9.74	4.57
25	24.25	19.72	14.96	9.95	4.65
26	24.79	20.17	15.31	10.18	4.75
27	25.37	20.66	15.69	10.43	4.86
28	26.01	21.19	16.10	10.70	4.98
29	26.70	21.78	16.55	11.01	5.11
30	27.49	22.44	17.07	11.36	5.26
31	28.36	23.18	17.65	11.75	5.42
32	29.36	24.03	18.32	12.20	5.62
33	30.49	24.99	19.08	12.71	5.83
34	31.78	26.09	19.95	13.30	6.07
35	33.28	27.37	20.96	13.99	6.36
36	. 35.00	28.84	22.13	14.78	6.69
37	36.98	30.53	23.46	15.67	7.06
38	39.21	32.43	24.95	16.67	7.47
39	41.72	34.55	26.61	17.77	7.93
40	44.52	36.92	28.45	19.01	8.45
41	47.63	39.54	30.51	20.39	9.02
42	51.07	42.46	32.79	21.91	9.65
43	54.89	45.69	35.31	23.60	10.36
44	59.10	49.25	38.10	25.46	11.13
45	63.75	53.18	41.17	27.53	12.00
46	68.88	57.52	44.58	29.82	12.96
47	74.53	62.32	48.35	32.36	14.02
48	80.77	67.62	52.52	35.16	15.19
49	87.63	73.45	57.10	38.25	16.48
50	95.18	79.86	62.15	41.65	17.90
51	103.48	86.93	67.73	45.43	19.48
52	112.59	94.71	73.89	49.60	21.22
53	122.60	103.28	80.67	54.19	23.13
54	133.59	112.70	88.15	59.28	25.24
55	145.60	123.01	96.35	64.85	27.55
56	158.71	134.29	105.34	70.97	30.09
57	172.95	146.55	115.12	77.64	32.85
58	188.24	159.74	125.64	84.78	35.79
59	204.54	173.78	136.81	92.37	38.92
-60	221.75	188.60	148.62	100.43	42.24

# **MEAN RESERVES**



#### **10 Year Mortuary Additions**

#### (LEVEL PREMIUM RESERVE)

Per \$1,000 of Additions actually in force.

		YEA	RS		
Age	I	2	3	4	5
20	37.81	34.57	31.22	27.74	24.15
21	38.12	34.87	31.49	28.00	24.38
22	38.46	35.18	31.79	28.27	24.62
23	38.82	35.53	32.11	28.57	24.89
24	39.21	35.90	32.46	28.89	25.18
25	39.64	36.31	32.84	29.25	25.50
26	40.10	36.74	33.25	29.62	25.84
27	40.60	37.22	33.70	30.03	26.21
28	41.15	37.74	34.18	30.49	26.63
29	41.75	38.31	34.73	30.99	27.08
30	42.41	38.95	35.32	31.54	27.58
31	43.14	39.64	35.98	32.15	28.14
32	43.94	40.40	36.70	32.82	28.75
33	44.81	41.24	37.49	33.56	29.42
34	45.78	42.16	38.36	34.37	30.16
35	46.85	43.19	39.34	35.28	30,98
36	48.04	44.33	40.42	36.28	31.90
37	49.38	45.61	41.63	37.41	32.94
38	50.87	47.05	42.99	38.69	34.11
39	52.57	48.68	44.55	40.15	35.46
40	54.50	50.54	46.33	41.83	37.01
41	56.71	52.68	48.38	43.76	38.80
42	59.22	55.12	50.71	45.97	40.83
43	62.06	57.87	53.35	48.46	43.14
44	65.26	60.98	56.33	51.27	45.74
45	68.87	64.47	59.68	54.42	48.64
46	72.90	68.38	63.41	57.93	51.85
47	77.40	72.73	67.56	61.82	55.42
48	82.39	77.55	72.16	66.13	59.37
49	87.91	82.87	77.22	70.88	63.73
50	94.01	88.76	82.83	76.13	68.55
51	100.74	95.25	89.02	81.94	73.87
52	108.17	102.42	95.84	88.34	79.75
53	116.34	110.30	103.35	95.38	86.22
54	125.31	118.95	111.60	103.13	93.35
55	135.14	128.44	120.65	111.63	101.18
56	145.93	138.86	130.60	120.99	109.79
57	157.72	150.26	141.50	131.25	119.25
58	170.61	162.73	153.42	142.48	129.62
59	184.67	176.34	166.45	154.77	140.99
6 <b>0</b>	199.95	191.15	180.65	168.18	153.42

.

10 Year Mortuary Additions

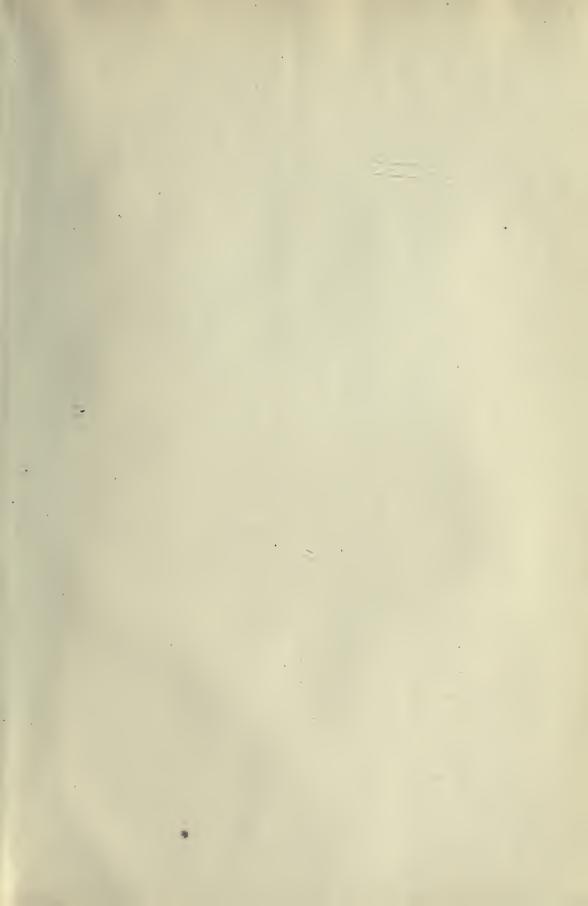
#### (LEVEL PREMIUM RESERVE)

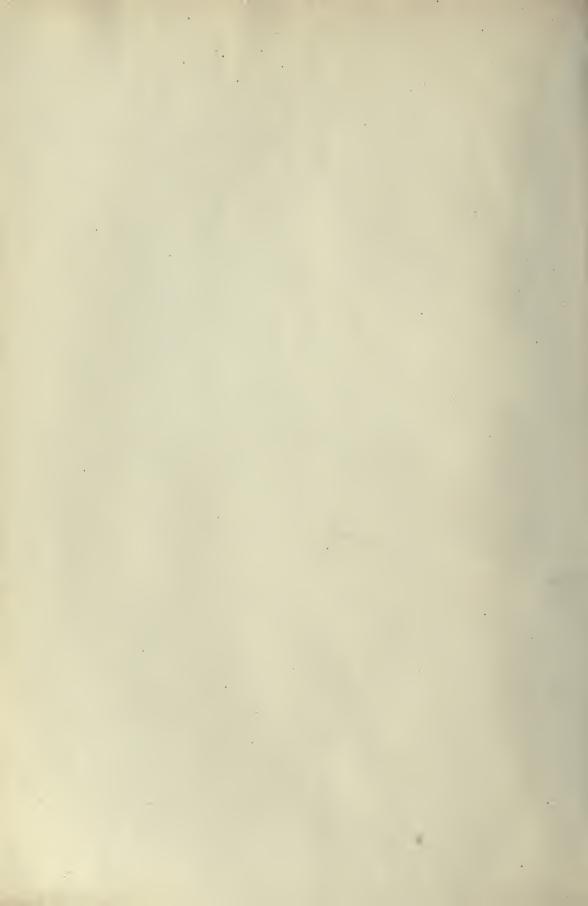
Per \$1,000 of Additions actually in force.

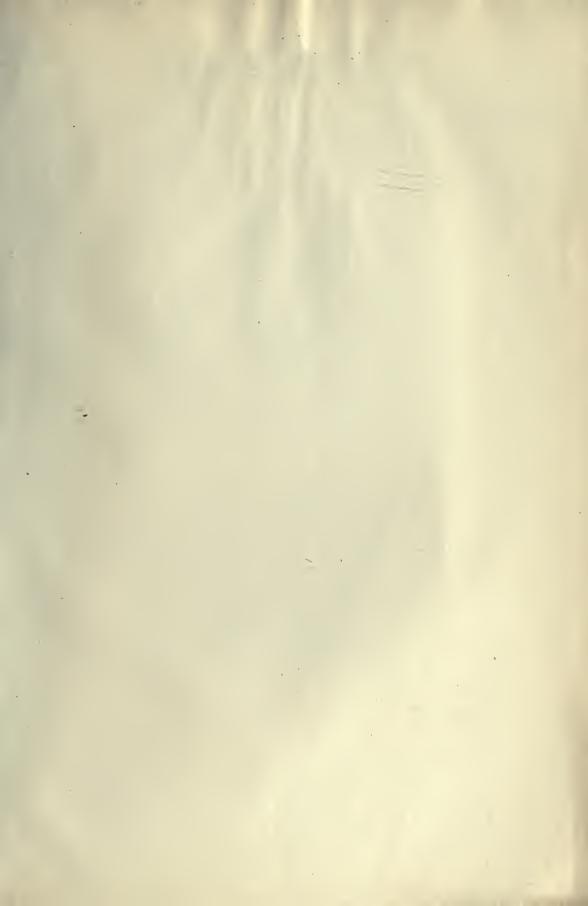
		Y	EARS		
Age	6	<b>7</b>	<b>8</b>	9	10
20	20.42	16.56	12.55	8.38	4.05
21	20.62	16.73	12.68	8.47	4.09
22	20.84	16.90	12.82	8.56	4.13
23	21.07	17.10	12.96	8.66	4.18
24	21.33	17.31	13.13	8.78	4.23
25	21.61	17.55	13.32	8.90	4.29
26	21.90	17.80	13.51	9.03	4.34
27	22.24	18.07	13.73	9.18	4.41
28	22.59	18.37	13.96	9.34	4.48
29	22.99	18.72	14.23	9.52	4.57
30	23.44	19.09	14.53	5.72	4.65
31	23.93	19.51	14.86	9.94	4.75
32	24.47	19.97	15.21	10.18	4.86
33	25.07	20.46	15.60	10.44	4.98
34	25.71	21.01	16.02	10.73	5.11
35	26.44	21.63	16.51	11.07	5.26
36	27.25	22.31	17.06	11.44	5.42
37	28.18	23.11	17.69	11.87	5.62
38	29.23	24.01	18.40	12.36	5.83
39	30.43	25.04	19.22	12.92	6.07
40	31.83	26.23	20.17	13.58	6.36
41	33.43	27.61	21.28	14.33	6.69
42	35.26	29.19	22.52	15.18	7.06
43	37.33	30.96	23.92	16.12	7.47
44	39.65	32.92	25.46	17.17	7.93
45	42.23	35.11	27.19	18.35	8.45
46	45.09	37.54	29.11	19.65	9.02
47	48.26	40.24	31.24	21.09	9.65
48	51.78	43.23	33.59	22.69	10.36
49	55.66	46.53	36.19	24.46	11.13
50	59.95	50.18	39.07	26.42	12.00
51	64.69	54.21	42.26	28.60	12.96
52	69.92	58.68	45.79	31.01	14.02
53	75.70	63.61	49.69	33.67	15.19
54	82.06	69.04	53.99	. 36.60	16.48
55	89.06	75.01	58.72	39.83	17.90
56	96.76	81.60	63.96	43.42	19.48
57	105.23	88.86	69.74	47.39	21.22
58	114.53	96.85	76.11	51.76	23.13
59	124.76	105.65	83.13	56.59	25.24
60	135.95	115.29	90.84	61.89	27.55

3%









#### THIS BOOK IS DUE ON THE LAST DATE STAMPED BELOW

. . 7

### AN INITIAL FINE OF 25 CENTS

WILL BE ASSESSED FOR FAILURE TO RETURN THIS BOOK ON THE DATE DUE, THE PENALTY WILL INCREASE TO 50 CENTS ON THE FOURTH DAY AND TO \$1.00 ON THE SEVENTH DAY OVERDUE.

AFANC -	
MAY 8 1938	
MAR 4 1940	
<u></u>	
	LD 21-95m-7,'37

