

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

## 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

T. C. RAFFERTY

$$
\begin{gathered}
H \in 8853 \\
T 9 \\
1919
\end{gathered}
$$

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

## CONTENTS

Page
Introduction ..... V
COMBINED EXPERIENCE-4\%.
Net Premiums-Fuli, Preliminary Term. First Year-All Forms ..... 3
Renewal-All Forms ..... 3
Net Premilum- -Mortuary Additions or Increasing Temporary Insur- ance.
Expiring in 10 years ..... 5
Expiring in 15 years ..... 5
Expiring in 20 years ..... 5
Terminal Reserves--Full Preliminary Term. 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
Terminat. Reserves-Fulil I evfil Premium.
20 Year Mortuary Additions ..... 28
15 Year Mortuary Additions ..... 32
10 Year Mortuary Additions ..... 35
Mean Reserves-Fifi Preliminary Term. 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 Resfritis-Full Level Premium.
20 Year Mortuary Additions ..... 59
15 Year Mortuary Additions ..... 63
10 Year Mortuary Additions ..... 66
AMERICAN EXPERIENCE- $35 / 2 \%$.
Net Premiums--Fuif Preliminary Term. First Year-All Forms ..... 71
Renewal-All Forms ..... 71
Net Premilms-Mortijary Additions or Increasing Temporary Insur- 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 I, ife ..... 85
20 Year Endowment ..... 87
15 Year Endowment. ..... 91
10 Year Endowment ..... 94
Terminal Reserves--Full Level Premium.
20 Year Mortuary Additions. ..... 96
15 Year Mortuary Additions ..... 100
10 Year Mortuary Additions ..... 103
Mean Reserves--Full Preidminary Term.
Page
Ordinary Life. ..... 105
20 Payment Life ..... 113
15 Payment Life ..... 119
10 Payment Life ..... 120
20 Year Endowment ..... 122
15 Year Endowment ..... 126
10 Year Endowment ..... 129
Mean Reserves-Fiull Level Premium.
20 Year Mortuary Additions ..... 131
15 Year Mortuary Additions ..... 135
10 Year Mortuary Additions ..... 138
Mean Reserves-Fulid Ievel Premium.
5 Year 'Term ..... 140
10 Year Term ..... 141
20 Year Term ..... 143
Mean Reserves.
Paid Up Extended Insurance ..... 147
Net Premiums-Pure Endowment.
20 Year Period ..... 168
15 Year Period ..... 168
10 Year Period ..... 168
Terminal Reserves--Pure Endowment ..... 169
Mean Reserves-Purfe Endowment ..... 182
Mean Accumulated 'Iemporary Insurance. ..... 195
Tablef of Rectprgcals--Dx, Mx, Nx, Ax, and Various Immediate An- nuities ..... 208
AMERICAN EXPERIFNCE-3~3Net Premium-Full Preliminary Term.
First Year-All Forms ..... 215
Renewal-All Forms ..... 215
Net Premiums-Mortuary Anditions 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 Reserves--Filil Level Premium.
20 Year Mortuary Additions ..... 240
15 Year Mortuary Additions. ..... 244
10 Year Mortuary Additions. ..... 247
Mean Resfrves--Fuiti, Ievtil Premium Ordinary Life ..... 249
20 Payment Life ..... 253
15 Payment Life ..... 257
10 Payment Life ..... 260
20 Year Endownment ..... 262
15 Year Endownment ..... 266
10 Year Endownment ..... 269
Means Reserves-Full Levei, Premium.
20 Year Mortuary Additions ..... 271
15 Year Mortuary Additions ..... 275
10 Year Mortuary Additions ..... 278

## 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 premiuins, 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 $3 \mathrm{I} / 2 \%$ 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 preniium 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 retho 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 Rescrves-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.

## 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 T'erm 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 Premitums 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. c., the insurance is $\$ 1000$ the first year, $\$ 2000$ the second year, $\$ 3000$ the third year, etc.

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

Examble-Suppose a $\$ 1000$ policy, Age 35, Amer. $31 / 2 \%$, with an addition of $\$ 50$ a year for 20 years, required the Net Level Premium for the Additions-

$$
\begin{aligned}
\text { Net } & =50 . \times 109.03 \\
& =\$ 5.45
\end{aligned}
$$

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 produci by 1000 less the Tabular Premium.
E.rample-Suppose a $\$ 1000$ policy, 20 Payment Life, Amer. $31 / 2 \%$ Illinois Standard, Age 35, Premium $\$ 36.12$; required the net additional for Mortuary Return Premiums Additions for 20 years-

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

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-

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

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 $\$ 41.56$.

$$
\begin{aligned}
\text { Terminal reserve } & =41.56 \times 789.41 \\
& =\$ 32.81, \text { the required reserve. }
\end{aligned}
$$

## 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.

Frample-Required, the 11th year Mean Reserve of the Mortuary Additions in the last example.

$$
\begin{aligned}
\text { Mean reserve } & =11 \times 41.56 \times 75.56 \\
& =\$ 34.54, \text { the required Mean Reserve. }
\end{aligned}
$$

## 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 $31 / 2 \%$.

## Mean Reserves. <br> 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 $3 \underline{1} 2 \%$.

## PURE ENDOWMENT. <br> American Experience-31/2\%. Net Premiums.

The table gives the Pure Endowment Net Annual Premium necessary to accumulate a Pure Findowment 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.

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-

$$
\begin{array}{r}
\text { Terminal Value } \\
\text { "، } 20 \text { Yr. End. } \\
20 \text { Pay. Life }= \\
\$ 1000.00 \\
566.15 \\
433.85
\end{array}
$$

## 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 policiessuch 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-

$$
\begin{aligned}
& \text { Extra P. E. An. Prem. over the Ord. Life is } \$ 20.448 \\
& \text { Additional Terminal }=20.448 \times 26.4223 \\
&=\$ 540.28 \\
& \text { Ordinary Life Terminal }=246.10 \\
& \text { 20 Yr Endowment Terminal }=786.38 \text {, as required. }
\end{aligned}
$$

## 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 resultsas in the case of a 20 Payment, Endowment Return Premium, and other similar types-one multiplication and one addition gives a mean reserve.
E.rample-Required, the 17 th 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. $=12.719 \times 25.7899$

$$
\text { Mean Reserve } 20 \text { Payment }=\$ 328.03
$$

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 prentium 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 $31 / 2 \%$, and on which no $31 / 2 \%$ 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--

$$
\begin{aligned}
\text { Net Premium, } 13.4778 \times 219.4791 & =2957.974 \\
\text { Deduct Mean Ac. Temp. Ins. } & =2345.45 \\
\text { Mean Reserve required } & =\frac{612.52}{}
\end{aligned}
$$

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

$$
\begin{aligned}
\text { Net Premium, } 23.1448 \times 107.4344 & =2486.547 \\
\text { Deduct Mean Ac. Temp. Ins. } & =1558.02 \\
\text { Mean Reserve required } & =928.53
\end{aligned}
$$

## 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 $31 / 2 \%$ 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\%



| Age | First Year Premiums | RENEWAL PREMIUMS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Ordinary | 20 Payment | I5 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 | 29.17 | 60.57 | 64.01 | 71.28 | 91.25 |
| 61 | 31.36 | 63.78 |  |  |  |
| 62 | 33.77 | 67.20 |  |  |  |
| 63 | 36.39 | 70.84 |  |  |  |
| 64 | 39.26 | 74.72 |  |  |  |
| 65 | 42.39 | 78.85 |  |  |  |

FULL PRELIMINARY TERM

## ENDOWMENTS

| Age | First Year Premiums | RENEWAL PREMIUMS |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 20 Year | 15 Year | 10 Year |
|  | All Forms | End. | End. | 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 | 7.47 | 39.84 | 57.14 | 94.87 |
| 26 | 7.58 | 39.94 | 57.23 | 94.94 |
| 27 | 7.70 | 40.05 | 57.32 | 95.01 |
| 28 | 7.83 | 40.16 | 57.41 | 95.09 |
| 29 | 7.96 | 40.29 | 57.51 | 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 |
|  | 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 57 | 22.24 | 57.73 | 71.21 | 105.50 |
| 57 | 23.73 | 59.57 | 72.70 | 10662 |
| 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 |

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 | 37807 | 258.42 | 153.39 |
|  | 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 | 356.04 | 217.19 |

TERMINAL RESERVES
Ordinary Life
FULL PRELIMINARY TERM

YEARS.

| Age | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 0.00 | 6.47 | 13.17 | 20.09 | 27.24 |
| 21 | 0.00 | 6.74 | 13.71 | 20.90 | 28.34 |
| 22 | 0.00 | 7.01 | 14.26 | 21.75 | 29.49 |
| 23 | 0.00 | 7.30 | 14.84 | 22.64 | 30.69 |
| 24 | 0.00 | 7.60 | 15.45 | 23.56 | 31.94 |
| 25 | 0.00 | 7.91 | 16.08 | 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
4\%
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 | $137.38{ }^{\text { }}$ | 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 |

# TERMINAL RESERVES 

4\%

## Ordinary Life

FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 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 |

FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 16 | 17 | 18 | 19 | 20 | 21 |
| 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 |

TERMINAL RESERVES

# 20 Payment Life <br> FULL PRELIMINARY TERM 

YEARS

| Age | 1 | 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 | 8788 |
| 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 | 22.58 | 46.05 | 70.39 | 95.58 |
| 41 | 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 |
| 50 | 0.00 | 28.73 | 58.12 | 88.18 | 118.95 |
| 51 | 0.00 | 29.33 | 59.29 | 8992 | 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

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 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 | 86.62 | 106.11 | 126.40 | 147.53 | 169.55 |
| 28 | 88.75 | 108.72 | 129.50 | 151.16 | 173.72 |
| 29 | 90.96 | 111.41 | 132.72 | 154.92 | 178.04 |
| 30 | 93.24 | 114.21 | 136.05 | 158.81 | 182.53 |
| 31 | 95.60 | 117.11 | 139.51 | 162.85 | 187.19 |
| 32 | 98.07 | 120.14 | 143.12 | 167.08 | 192.05 |
| 33 | 100.63 | 123.28 | 146.88 | 171.47 | 197.09 |
| 34 | 103.31 | 126.57 | 150.80 | 176.03 | 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 |

COMB.
EXP.

TERMINAL RESERVES

# 20 Payment Life <br> 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 |

COMB.
EXP.

TERMINAL RESERVES
20 Payment Life
FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

COMB.
EXP.
TERMINAL RESERVES
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 | 0.00 | 33.18 | 67.49 | 102.99 | 139.75 |
| 46 | 0.00 | 33.88 | 68.89 | 105.11 | 142.58 |
| 47 | 0.00 | 34.57 | 70.29 | 107.21 | 145.39 |
| 48 | 0.00 | 35.27 | 71.67 | 109.28 | 148.16 |
| 49 | 0.00 | 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 <br> 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 | 181.98 | 212.70 | 244.79 |
| 31 | 127.36 | 156.22 | 186.35 | 217.82 | 250.71 |
| 32 | 130.46 | 160.03 | 190.90 | 223.16 | 256.87 |
| 33 | 133.66 | 163.96 | 195.61 | 228.67 | 263.22 |
| 34 | 136.98 | 168.05 | 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 |
|  | 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 |

COMB.
EXP.

TERMINAL RESERVES
15 Payment Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 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 |

COMB.
EXP.

TERMINAL RESERVES

# 10 Payment Life <br> FULL PRELIMINARY TERM 

YEARS

| Age | 1 | 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 |
| 60 | 0.00 | 64.38 | 131.35 | 201.27 | 274.60 |

# TERMINAL RESERVES 

10 Payment Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 56.3 .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 |

COMB.
EXP.

## TERMINAL RESERVES

20 Year Endowment
FULL PRELIMINARY TERM

COMB.
EXP.

TERMINAL RESERVES

# 20 Year Endowment <br> FULL PRELIMINARY TERM 

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 186.49 | 228.57 | 272.38 | 318.08 | 365.76 |
| 41 | 186.77 | 228.77 | 272.49 | 318.08 | 365.63 |
| 42 | 186.95 | 228.87 | 272.50 | 317.98 | 365.39 |
| 43 | 187.05 | 228.89 | 272.42 | 317.78 | 365.05 |
| 44 | 187.10 | 228.85 | 272.28 | 317.51 | 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 |

## FULL PRELIMINARY TERM

YEARS

| Age | $\mathbf{I I}$ | $\mathbf{1 2}$ | $\mathbf{1 3}$ | $\mathbf{1 4}$ | $\mathbf{1 5}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{2 0}$ | 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 | 58.36 | 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 |
|  |  |  |  |  |  |

COMB. EXP.

## TERMINAL RESERVES

## 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 

4\%
15 Year Endowment
FULL PRELIMINARY TERM

|  |  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age |  | 1 | 2 | 3 | 4 | 5 |
| 20 |  | 0.00 | 52.07 | 106.54 | 163.53 | 223.17 |
| 21 |  | 0.00 | 52.05 | 106.50 | 163.47 | 223.09 |
| 22 |  | 0.00 | 52.03 | 106.46 | 163.40 | 223.00 |
| 23 |  | 0.00 | 52.01 | 106.41 | 163.33 | 222.91 |
| 24 |  | 0.00 | 51.99 | 106.36 | 163.26 | 222.81 |
| 25 |  | 0.00 | 51.96 | 106.31 | 163.18 | 222.70 |
| 26 |  | 0.00 | 51.93 | 106.25 | 163.09 | 222.58 |
| 27 |  | 0.00 | 51.90 | 106.19 | 162.99 | 222.45 |
| 28 |  | 0.00 | 51.86 | 106.12 | 162.88 | 222.31 |
| 29 |  | 0.00 | 51.82 | 106.04 | 162.77 | 222.16 |
| 30 |  | 0.00 | 51.78 | 105.96 | 162.65 | 222.00 |
| 31 |  | 0.00 | 51.74 | 105.88 | 162.53 | 221.84 |
| 32 |  | 0.00 | 51.70 | 105.80 | 162.41 | 221.69 |
| 33 |  | 0.00 | 51.66 | 105.72 | 162.30 | 221.55 |
| 34 | $=$ | 0.00 | 51.63 | 105.65 | 162.21 | 221.43 |
| 35 |  | 0.00 | 51.61 | 105.60 | 162.14 | 221.34 |
| 36 |  | 0.00 | 51.59 | 105.57 | 162.10 | 221.29 |
| 37 |  | 0.00 | 51.59 | 105.56 | 162.10 | 221.29 |
| 38 |  | 0.00 | 51.61 | 105.59 | 162.14 | 221.34 |
| 39 |  | 0.00 | 51.64 | 105.66 | 162.22 | 221.42 |
| . 40 |  | 0.00 | 51.69 | 105.77 | 162.32 | 221.46 |
| 41 |  | 0.00 | 51.75 | 105.84 | 162.37 | 221.44 |
| 42 |  | 0.00 | 51.78 | 105.87 | 162.34 | 221.32 |
| 43 |  | 0.00 | 51.79 | 105.84 | 162.21 | 221.08 |
| 44 |  | 0.00 | 51.77 | 105.74 | 162.00 | 220.75 |
| 45 |  | 0.00 | 51.72 | 105.59 | 161.74 | 220.36 |
| 46 |  | 0.00 | 51.65 | 105.42 | 161.45 | 219.93 |
| 47 |  | 0.00 | 51.56 | 105.23 | 161.13 | 219.47 |
| 48 |  | 0.00 | 51.47 | 105.03 | 160.79 | 218.96 |
| 49 |  | 0.00 | 51.37 | 104.81 | 160.42 | 218.41 |
| 50 |  | 0.00 | 51.27 | 104.57 | 160.02 | 217.82 |
| 51 |  | 0.00 | 51.16 | 104.31 | 159.60 | 217.20 |
| 52 |  | 0.00 | 51.05 | 104.05 | 159.16 | 216.56 |
| 53 . |  | 0.00 | 50.93 | 103.78 | 158.70 | 215.92 |
| 54 |  | 0.00 | 50.81 | 103.52 | 158.25 | 215.28 |
| 55 |  | 0.00 | 50.70 | 103.28 | 157.83 | 214.63 |
| 56 |  | 0.00 | 50.61 | 103.06 | 157.45 | 213.95 |
| - 57 |  | 0.00 | 50.54 | 102.82 | 157.00 | 213.20 |
| 58 |  | 0.00 | 50.45 | 102.56 | 156.46 | 212.35 |
| 59. |  | 0.00 | 50.34 | 102.26 | 155.85 | 211.41 |
| 60 |  | 0.00 | 50.21 | - 101.91 | 155.20 | 210.38 |

COMB. EXP.

TERMINAL RESERVES
15 Year Endowment FULL PRELIMINARY TERM

## FULL PRELIMINARY TERM

YEARS

| Age | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | 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 | 3334.47 | 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 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

15 Year Endowment
FULL PRELIMINARY TERM

| Age | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Ix | 12 | 13 | 14 |
| 20 | 644.95 | 727.46 | 813.99 | 904.76 |
| 21 | 644.80 | 727.34 | 813.88 | 904.71 |
| 22 | 644.64 | 727.20 | 813.77 | 904.65 |
| 23 | 644.47 | 727.04 | 813.65 | 904.58 |
| 24 | 644.29 | 726.87 | 813.52 | 904.50 |
| 25 | 644.09 | 726.69 | 813.38 | 904.41 |
| 26 | 643.88 | 726.50 | 813.23 | 904.32 |
| 27 | 643.65 | 726.30 | 813.08 | 904.23 |
| 28 | 643.41 | 726.09 | 812.92 | 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 | 642.47 | 725.25 | 812.22 | 903.69 |
| 33 | 642.26 | 725.03 | 812.03 | 903.57 |
| 34 | 642.04 | 724.80 | 811.83 | 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 | 640.88 | 723.58 | 810.71 | 902.68 |
| 39 | 640.47 | 723.15 | 810.33 | 902.43 |
| 40 | 639.96 | 722.64 | 809.89 | 902.15 |
| 41 | 639.37 | 722.05 | 809.39 | 901.84 |
| 42 | 638.66 | 721.37 | 808.81 | 901.49 |
| 43 | 637.84 | 720.60 | 808.16 | 901.09 |
| 44 | 636.92 | 719.73 | 807.43 | 900.64 |
| 45 | 635.00 | 718.76 | 806.59 | 900.13 |
| 46 | 634.82 | 717.69 | 805.73 | 899.57 |
| 47 | 633.60 | 716.54 | 804.77 | 898.97 |
| 48 | 632.32 | 715.31 | 803.73 | 898.32 |
| 49 | 630.93 | 713.98 | 802.61 | 897.61 |
| 50 | 629.41 | 712.53 | 801.38 | 896.83 |
| 51 | 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 | 617.38 | 700.74 | 791.20 | 890.33 |
| 57 | 614.68 | 698.07 | 788.90 | 888.86 |
| 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 

FULL PRELIMINARY TERM

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

10 Year Endowment
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 |
| 20 | 503.56 | 619.05 | 740.09 | 866.98 |
| 21 | 503.46 | 618.95 | 740.01 | 866.92 |
| 22 | 503.35 | 618.85 | 739.92 | 866.86 |
| 23 | 503.24 | 618.74 | 739.83 | 866.80 |
| 24 | 503.12 | 618.62 | 739.73 | 866.74 |
| 25 | 503.00 | 618.50 | 739.63 | 866.68 |
| 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 | 498.93 | 614.28 | 735.86 | 864.21 |
| 44 | 498.33 | 613.67 | 735.33 | 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 | 730.80 | 860.94 |
| 51 | 492.05 | 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 | 48.3 .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 |

## 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 | 1 | 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 |
| $24^{\prime}$ | 77.72 | 151.25 | 220.17 | 284.01 | 342.25 |
| 25 | 79.57 | 154.93 | 225.63 | 291.20 | 351.10 |
| 26 | 81.63 | 159.02 | 231.71 | 299.23 | 360.98 |
| 27 | 83.95 | 163.64 | 238.62 | 308.34 | 372.26 |
| 28 | 86.55 | 168.85 | 246.39 | 318.66 | 385.02 |
| 29 | 89.48 | 174.69 | 255.14 | 330.26 | 399.45 |
| 30 | 92.73 | 181.22 | 264.92 | 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 | 618.14 | 759.98 |
| 42 | 169.83 | 336.79 | 499.89 | 657.95 | 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 |
| 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 |

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

|  |  | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ages | 6 | 7 | 8 | 9 | 10 |
| 20 | 360.47 | 401.25 | 435.13 | 461.44: | 479.52 |
| 21 | 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 | 1129.08 | 1226.04 | 1305.38 |
| 42 | 952.37 | 1084.99 | 1204.92 | 1309.41 | 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 |
| 46 | 1235.79 | 1412.29 | 1573.43 | 1715.73 | 1834.81 |
| 47 | 1320.61 | 1510.39 | 1684.28 | 1838.27 | 1967.82 |
| 48 | 1411.60 | 1615.89 | 1803.48 | 1970.25 | 2111.59 |
| 49 | 1509.00 | 1728.80 | 1931.25 | 2112.16 | 2266.23 |
| 50 | 1612.72 | 1849.19 | 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 | 27.32 .14 | 3071.28 | 3381.12 |  |
| 57 58 | 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 |

COMB. EXP.

TERMINAL RESERVES

## 20 Year Mortuary Additions

(LEVEL PREMIUM RESERVE)
Per Attained Amount of Insurance- $\$ \mathbf{r}, 000$ the first year, increasing by a similar amount yearly.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 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 | 1500.46 | 1467.86 | 1390.71 |
| 43 | 1561.74 | 1602.68 | 1609.71 | 1576.47 | 1495.94 |
| 44 | 1673.45 | 1718.99 | 1728.41 | 1695.21 | 1611.09 |
| 45 | 1794.53 | 1845.34 | 1858.06 | 1825.02 | 1737.26 |
| 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 | 4108.64 | 3973.36 |
| 57 | 4135.84 | 4313.98 | 4410.70 | 4404.35 | 4267.86 |
| 58 | 4406.93 | 4603.66 | 4714.72 | 4716.92 | 4580.65 |
| 59 | 4689.49 | 4906.55 | 5034.01 | 5046.75 | 4912.70 |
| 60. | 4982.39 | 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 | 491.20 | 410.78 | 305.11 | 169.54 |
| 29 | 522.04 | 437.67 | 325.27 | 180.93 |
| 30 | 556.25 | 466.60 | 347.05 | 193.13 |
| 31 | 593.10 | 497.89 | 370.53 | 206.41 |
| $32=$ | 632.98 | 531.71 | 396.10 | 220.88 |
| 33 | 676.12 | 568.52 | 423.94 | 236.65 |
| 34 | 722.99 | 608.52 | 454.23 | 253.84 |
| 35 | 773.44 | 651.52 | 486.68 | 271.98 |
| 36 | 828.06 | 698.09 | 521.78 | 292.10 |
| 37 | 887.08 | 748.39 | 560.16 | 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 | 1466.3 .3 | 1248.49 | 943.53 | 534.07 |
| 45 | 1583.29 | 1350.13 | 1021.73 | 579.45 |
| 46 | 1710.85 | 1460.90 | 1107.47 | 629.13 |
| 47 | 1849.29 | 1581.60 | 1200.81 | 683.17 |
| 48 | 1999.82 | 1712.92 | 1302.58 | 742.58 |
| 49 | 2162.47 | 1854.98 | 1413.05 | 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 | 3966.68 | 3456.65 | 2679.84 | 1560.83 |
| 58 | 4268.12 | 3729.72 | 2900.93 | 1696.49 |
| 59 | 4589.83 | 4023.44 | 3141.35 | 1844.81 |
| 60 | 4932.03 | 4338.60 | 3400.42 | 2005.21 |

COMB. 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.


# TERMINAL RESERVES 

15 Year Mortuary Additions (LEVEL PREMIUM RESERVE)
Per Attained Amount of Insurance- $\$ x, 000$ the first year, increasing by a similar amount yearly.

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6 | 7 | 8 | - 9 | 10 |
| 20 | 228.69 | 243.63 | 250.40 | 248.27 | 236.47 |
| 21 | 233.36 | 248.73 | 255.74 | 253.68 | 241.70 |
| 22 | 238.27 | 254.06 | 261.33 | 259.31 | 247.19 |
| 23 | 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 | 292.87 | 291.06 | 277.86 |
| 28 | 272.52 | 291.21 | 300.15 | 298.43 | 285.06 |
| 29 | 279.63 | 298.95 | 308.33 | 306.82 | 293.31 |
| 30 | 287.77 | 307.92 | 317.94 | 316.76 | 303.30 |
| 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 | 336.72 | 363.14 | 378.51 | 381.49 | 370.12 |
| 35 | 354.13 | 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 | 475.14 |
| 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 | 613.56 | 671.19 | 708.79 | 722.56 | 708.01 |
| 45 | 654.62 | 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 | 800.29 | 878.65 | 931.37 | 953.23 | 938.43 |
| 49 | 857.54 | 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 | 1225.27 | 1354.72 | 1446.89 | 1492.81 | 1481.88 |
| 55 | 1316.75 | 1457.42 | 1558.24 | 1609.67 | 1599.88 |
|  | 1414.47 | 1567.16 |  | 1734.91 | 1726.49 |
| 57 | 1518.43 | 1684.15 | 1804.74 | 1868.70 | 1862.10 |
| 58 | 1628.83 | 1808.50 | 1940.17 | 2011.48 | 2006.96 |
| 59 | 1745.64 | 1940.27 | 2084.04 | 2163.33 | 2161.65 |
| 60 | 1869.00 | - 2079.77 | 2236.57 | 2324.97 | 2327.21 |

COMB. EXP.

# 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 | 11 | 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 

10 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)
Per Attained Amount of Insurance-\$ $\mathbf{1 , 0 0 0}$ the first year, increasing by a similar amount yearly.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 5 |
| 20 | 33.22 | 60.52 | 81.43 | 95.42 | 101.96 |
| 21 | 33.76 | 61.53 | 82.81 | 97.09 | 103.82 |
| 22 | 34.33 | 62.59 | 84.28 | 98.88 | 105.77 |
| 23 | 34.93 | 63.72 | 85.86 | 100.77 | 107.86 |
| 24 | 35.57 | 64.92 | 87.52 | 102.78 | 110.06 |
| 25 | 36.25 | 66.18 | 89.26 | 104.87 | 112.35 |
| 26 | 36.96 | 67.51 | 91.09 | 107.07 | 114.75 |
| 27 | 37.70 | 68.90 | 93.01 | 109.36 | 117.26 |
| 28 | 38.48 | 70.35 | 94.99 | 111.74 | 119.83 |
| 29 | 39.29 | 71.86 | 97.08 | 111.22 | 122.53 |
| 30 | 40.14 | 73.45 | 99.24 | 116.80 | 125.37 |
| 31 | 41.03 | 75.08 | 101.49 | 119.50 | 128.28 |
| 32 | 41.95 | 76.80 | 103.85 | 122.32 | 131.36 |
| 32 | 42.93 | 78.64 | 106.38 | 125.35 | 134.69 |
| 34 | 44.03 | 80.69 | 109.23 | 128.82 | 138.54 |
| 35 | 45.30 | 83.09 | 112.60 | 132.96 | 143.24 |
| 36 | 46.77 | 85.92 | 116.60 | 137.96 | 149.03 |
| 37 | 48.53 | 89.29 | 121.45 | 144.10 | 156.21 |
| 3 S | 50.57 | 93.25 | 127.19 | 151.41 | 164.77 |
| 39 | 52.92 | 97.85 | 133.86 | 159.90 | 174.52 |
| 40 | 55.59 | 103.07 | 141.43 | 169.37 | 185.20 |
| 41 | 58.59 | 108.92 | 149.79 | 179.67 | 196.78 |
| 42 | 61.92 | 115.32 | 158.84 | 190.81 | 209.07 |
| 43 | 65.54 | 122.25 | 168.62 | 202.67 | 222.25 |
| 44 | 69.46 | 129.75 | 179.08 | 215.44 | 236.48 |
| 45 | 73.70 | 137.76 | 109.31 | 229.16 | 251.83 |
| 46 | 78.25 | 146.42 | 202.47 | 244.09 | 268.52 |
| 47 | 83.19 | 155.81 | . 215.69 | 260.29 | 286.64 |
| 48 | 88.51 | 165.94 | 229.94 | 277.75 | 306.14 |
| 49 | 94.27 | 176.90 | 245.35 | 296.61 | 327.18 |
| 50 | 100.50 | 188.75 | 262.00 | 316.99 | 350.05 |
| 51 | 107.28 | 201.65 | 280.15 | 339.35 | 375.09 |
| 52 | 114.64 | 215.69 | 300.00 | 363.76 | 402.51 |
| 53 | 122.67 | 231.06 | 321.70 | 390.51 | 432.84 |
| 54 | 131.42 | 247.78 | 345.36 | 419.88 | 466.11 |
| 55 | 140.92 | 265.98 | 371.27 | 452.04 | 502.61 |
| 56 | 151.25 | 285.87 | 399.56 | 487.19 | 542.33 |
| 57 | 162.47 | 307.45 | 430.30 | 525.24 | 585.43 |
| 58 | 174.61 | 330.83 | 463.51 | 566.46 | 632.11 |
| 59 | 187.69 | 355.96 | 499.28 | 610.86 | 682.56 |
| 60 | 201.66 | 382.88 | 537.59 | 658.54 | 736.71 |

COMB. 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 | 6 | 7 | 8 | 9 |
| 20 | 100.48 | 90.28 | 70.67 | 40.85 |
| 21 | 102.35 | 92.02 | 72.06 | 41.70 |
| 22 | 104.34 | 93.84 | 73.54 | 42.55 |
| 23 | 106.44 | 95.80 | 75.09 | 43.50 |
| 24 | 108.67 | 97.83 | 76.74 | 44.45 |
| 25 | 110.97 | 99.95 | 78.40 | 45.40 |
| 26 | 113.40 | 102.15 | 80.15 | 46.47 |
| 27 | 115.90 | 104.44 | 82.01 | 47.55 |
| 28 | 118.47 | 106.81 | 83.87 | 48.62 |
| 29 | 121.20 | 109.29 | 85.84 | 49.82 |
| 30 | 124.03 | 111.88 | 87.94 | 51.04 |
| 31 | 126.96 | 114.59 | 90.07 | 52.27 |
| 32 | 130.07 | 117.42 | 92.33 | 53.65 |
| 33 | 133.43 | 120.54 | 94.92 | 55.26 |
| 34 | 137.41 | 124.39 | 98.24 | 57.48 |
| 35 | 142.44 | 129.39 | 102.70 | 60.39 |
| 36 | 148.71 | 135.69 | 108.14 | 63.75 |
| 37 | 156.55 | 143.42 | 114.66 | 67.92 |
| 38 | 165.69 | 152.20 | 122.05 | 72.29 |
| 39 | 175.89 | 161.93 | 129.88 | 76.99 |
| 40 | 187.00 | 172.20 | 138.21 | 81.95 |
| 41 | 198.76 | 183.15 | 147.08 | 87.31 |
| 42 | 211.33 | 194.88 | 156.68 | 93.12 |
| 43 | 224.84 | 207.59 | 167.10 | 99.43 |
| 44 | 239.53 | 221.41 | 178.45 | 106.32 |
| 45 | 255.36 | 236.29 | 190.60 | 113.58 |
| 46 | 272.56 | 252.46 | 203.79 | 121.68 |
| 47 | 291.24 | 269.98 | 218.28 | 130.45 |
| 48 | 311.28 | 288.91 | 233.73 | 139.69 |
| 49 | 333.06 | 309.35 | 250.42 | 149.94 |
| 50 | 356.63 | 331.51 | 268.80 | 161.17 |
| 51 | 382.54 | 356.24 | 289.40 | 174.03 |
| 52 | 411.22 | 383.62 | 312.35 | 188.06 |
| 53 | 442.94 | 414.05 | 337.58 | 203.64 |
| 54 | 477.83 | 447.22 | 365.19 | 220.52 |
| 55 | 515.88 | 483.54 | 395.33 | 239.16 |
| 56 | 557.40 | 523.11 | 428.39 | 259.58 |
| 57 | 602.42 | 566.20 | 464.34 | 281.74 |
| 58 | 651.39 | 613.09 | 503.54 | 306.12 |
| 59 | 704.30 | 663.79 | 546.06 | 332.38 |
| 60 | 761.12 | 718.36 | 591.63 | 360.56 |

Ordinary Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 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 | 139.76 |
| 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 |

COMB. EXP.

MEAN RESERVES

Ordinary Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 20 | 37.58 | 45.09 | 52.86 | 60.87 | 69.15 |
| 21 | 38.99 | 46.81 | 54.88 | 63.21 | 71.81 |
| 22 | 40.47 | 48.59 | 56.98 | 65.65 | 74.59 |
| 23 | 42.01 | 50.46 | 59.18 | 68.19 | 77.49 |
| 24 | 43.62 | 52.41 | 61.48 | 70.85 | 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 | $155.30^{\circ}$ | 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 |

## Ordinary Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 14 | 15 |
| 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 | 239.1' |
| 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 |
| 53 | 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 |

COMB. EXP.

MEAN RESERVES
Ordinary Life
FULL PRELIMINARY TERM

| Age | 16 | 17 | $\begin{gathered} \text { YEARS } \\ 18 \end{gathered}$ | 19 | 20 | 21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 124.76 | 135.12 | 145.81 | 156.87 | 168.27 | 180.07 |
| 21 | 129.60 | 140.36 | 151.49 | 162.97 | 174.85 | 187.13 |
| 22 | 134.66 | 145.86 | 157.42 | 169.38 | 181.75 | 194.52 |
| 23 | 139.96 | 151.61 | 163.65 | 176.10 | 188.97 | 202.24 |
| 24 | 145.52 | 157.65 | 170.19 | 183.16 | 196.52 | 210.26 |
| 25 | 151.34 | 163.98 | 177.05 | 190.51 | 204.35 | 218.53 |
| 26 | 157.47 | 170.64 | 184.21 | 198.16 | 212.45 | 227.04 |
| 27 | 163.91 | 177.59 | 191.66 | 206.06 | 220.77 | 235.76 |
| 28 | 170.65 | 184.83 | 199.36 | 214.20 | 229.31 | 244.69 |
| 29 | 177.66 | 192.32 | 207.29 | 222.54 | 238.06 | 253.83 |
| 30 | 184.92 | 200.03 | 215.42 | 231.08 | 247.00 | 263.17 |
| 31 | 192.38 | 207.92 | 223.74 | 230.81 | 256.15 | 272.71 |
| 32 | 200.04 | 216.01 | 232.25 | 248.75 | 265.48 | 282.43 |
| 33 | 207.86 | 224.28 | 240.95 | 257.86 | 274.99 | 292.32 |
| 34 | 215.87 | 232.72 | 249.82 | 267.14 | 284.67 | 302.38 |
| 35 | 224.04 | 241.33 | 258.85 | 276.58 | 294.50 | 312.59 |
| 36 | 232.36 | 250.10 | 268.04 | 286.17 | 304.49 | 322.96 |
| 37 | 240.81 | 258.98 | 277.34 | 295.89 | 314.60 | 333.46 |
| 38 | 249.38 | 267.99 | 286.79 | 305.74 | 324.85 | 344.09 |
| 39 | 258.06 | 277.11 | 296.34 | 315.71 | 335.22 | 354.84 |
| 40 | 266.83 | 286.32 | 305.98 | 325.78 | 345.69 | 365.66 |
| 41 | 275.67 | 295.62 | 315.73 | 335.94 | 356.22 | 376.52 |
| 42 | 284.58 | 305.01 | 325.55 | 346.16 | 366.79 | 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 | 312.06 | 333.80 | 355.51 | 377.16 | 398.70 | 420.09 |
| 46 | 321.48 | 343.60 | 365.66 | 387.61 | 409.42 | 431.02 |
| 47 | 331.01 | 353.50 | 375.89 | 398.12 | 420.15 | 441.93 |
| 48 | 340.63 | 363.48 | 386.17 | 408.65 | 430.88 | 452.83 |
| 49 | 350.33 | 373.50 | 396.46 | 419.16 | 441.59 | 463.70 |
| 50 | 360.09 | 383.55 | 406.76 | 429.67 | 452.28 | 474.54 |
| 51 | 369.88 | 393.61 | 417.05 | 440.17 | 462.94 | 485.35 |
| 52 | 379.67 | 403.67 | 427.34 | 450.66 | 473.58 | 496.11 |
| 53 | 389.48 | 413.73 | 437.62 | 461.11 | 484.19 | 506.82 |
| 54 | 399.28 | 423.78 | 447.87 | 471.53 | 494.74 | 517.48 |
| 55 | 409.07 | 433.80 | 458.09 | 481.91 | 505.24 | 528.10 |
| 56 | 418.85 | 443.80 | 468.27 | 492.24 | 515.69 | 538.62 |
| 57 | 428.58 | 453.75 | 478.40 | 502.52 | 526.09 | 549.10 |
| 58 | 438.28 | 463.66 | 488.48 | 512.74 | 536.43 | 559.51 |
| 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 | 467.25 | 493.24 | 518.56 | 543.20 | 567.20 | 590.63 |
| 62 | 476.94 | 503.10 | 528.57 | 553.38 | 577.59 | 601.29 |
| 63 | 486.64 | 512.99 | 538.66 | 563.69 | 588.22 | 612.35 |
| 64 | 496.40 | 522.98 | 548.91 | 574.30 | 599.28 | 623.99 |
| 65 | 506.30 | 533.09 | 559.49 | 585.35 | 611.01 | 636.36 |

COMB.
EXP.

MEAN RESERVES
20 Payment Life
FULL PRELIMINARY TERM

## YEARS

| Age | I | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

COMB. EXP.

MEAN RESERVES
20 Payment Life
FULL PRELIMINARY TERM

YEARS

| 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 |

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | II | 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 |
| 60 | 376.08 | 414.76 | 454.55 | 49.5 .81 | 539.00 |

COMB.
EXP.

## 20 Payment Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 16 | 17 | 18 | 19 | 20 |
| 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 |

15 Payment Life
FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 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 | $4.21{ }^{\circ}$ | 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 |

COMB.
EXP.
MEAN RESERVES
15 Payment Life
FULL PRELIMINARY TERM

| 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 | 182.29 | 212.35 | 243.76 |
| 31 | 128.89 | 157.15 | 186.64 | 217.44 | 249.62 |
| 32 | 132.00 | 160.95 | 191.17 | 222.74 | 255.72 |
| 33 | 135.22 | 164.88 | 195.85 | 228.21 | 262.01 |
| 34 | 138.55 | 168.96 | 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
FULL PRELIMINARY TERM

| Age | YEARS |  |  | - |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | II | 12 | 13 |  | 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 | 423.55 |
| 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 | $342.33{ }^{\prime}$ | 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 |

COMB. EXP.

MEAN RESERVES
4\%
10 Payment Life
FULL PRELIMINARY TERM

## YEARS

| Age | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 127.2.3 |
| 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
FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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
FULL PRELIMINARY TERM

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 | 3784 | 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 |

COMB. EXP.

MEAN RESERVES
4\%
20 Year Endowment
FULL PRELIMINARY TERM

YEARS

| Age | 6 | 7 | 8 | $\bigcirc$ | 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 |

COMB.
EXP.
MEAN RESERVES
20 Year Endowment
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 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 | 414.66 | 45\%.75 | 503.99 | 553.96 | 607.44 |


|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 

## 15 Year Endowment

## FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 5 |
| 20 | 3.51 | 54.43 | 107.70 | 163.43 | 221.74 |
| 21 | 3.55 | 54.45 | 107.70 | 163.41 | 221.71 |
| 22 | 3.59 | 54.47 | 107.70 | 163.39 | 221.67 |
| 23 | 3.64 | 54.49 | 107.70 | 163.37 | 221.62 |
| 24 | 3.69 | 54.52 | 107.70 | 163.34 | 221.57 |
| 25 | 3.74 | 54.55 | ${ }^{\cdot} 107.70$ | 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 |


|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 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
$4 \%$

15 Year Endowment
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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

## 10 Year Endowment

## FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 98077 |
| 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 |

## Per $\$ \mathbf{1}, 000$ of Additions actually in force.

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 82.3) |
| . 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 |
| $33^{\prime}$ | 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 | $200.61{ }^{\prime}$ | 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 |

## MEAN RESERVES

## 20 Year Mortuary Additions <br> (LEVEL PREMIUM RESERVE)

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

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

# 20 Year Mortuary Additions 

(LEVEL PREMIUM RESERVE)

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



## MEAN RESERVES

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

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 $\$ \mathbf{1}, 000$ of Additions actually in force.

|  |  | YEARS |  | Q -- |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | r | 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 |

COMB. EXP.

MEAN RESERVES
15 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)
Per $\$ 1,000$ of Additions actually in force.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 O | 320.10 | 307.49 * | 292.02 | 273.20 | 250.41 |

## 15 Year Mortuary Additions

 (LEVEL PREMIUM RESERVE)
## Per $\$ \mathbf{x}, 000$ of Additions actually in force.

|  |  | YEARS |  | - - |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | II | 12 | 13 | 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 | 6.85 |
| 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 | 4898 | 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 | $68.19{ }^{\text {i }}$ | 28.89 |
| 56 | $165.41{ }^{\text { }}$ | 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 |

MEAN RESERVES
10 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)
Per $\$ 1,000$ of Additions actually in force.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | I | 2 | 3 | 4 | 5 |
| 20 | 35.97 | 33.12 | 30.11 | 26.95 | 23.61 |
| 21 | 36.54 | 33.65 | 30.61 | 27.40 | 24.02 |
| 22 | 37:14 | 34.22 | 31.13 | 27.89 | 24.46 |
| 23 | 37.77 | 34.82 | 31.70 | 28.41 | 24.92 |
| , 24 | 38.44 | 35.45 | 32.29 | 28.95 | 25.41 |
| 25 | 39.15 | 36.12 | 32.92 | 29.52 | 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 | 99.91 | 92.15 | 83.21 |
| 52 | 120.08 | 113.96 | 106.87 | 98.66 | 89.18 |
| 53 | 128.36 | 121.95 | 114.47 | 105.78 | 95.74 |
| 54 | 137.37 | 130.63 | 122.74 | 113.57 | 102.93 |
| 55 | 147.16 | 140.08 | 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 |
| 60 | 209.43 | 200.44 | 189.61 | 176.67 | 161.24 |

## Per $\$ \mathbf{x}, 000$ of Additions actually in force.




American Experience 31/2\%


EXP.

| Age | First Year Premiums | RENEWAL PREMIUMS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Forms | Ordinary Life | 20 Payment Life | 15 Payment Life | 10 Payment |
| 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 | 7.79 | 15.48 | 23.69 | 29.20 | 41.14 |
| 26 | 7.85 | 15.88 | 24.12 | 29.72 | 41.87 |
| 27 | 7.92 | 16.29 | 24.57 | 30.27 | 42.63 |
| 28 | 7.99 | 16.73 | 25.03 | 30.83 | 43.41 |
| 29 | 8.06 | 17.19 | 25.52 | 31.42 | 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. | 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 | 25.79 | 59.92 | 63.44 | 71.25 | 92.48 |
| 61 | 27.90 | 63.23 |  |  | 92.48 |
| 62 | 30.23 | 66.78 |  |  |  |
| 63 | 32.79 | 70.58 |  |  |  |
| 64 | 35.63 | 74.65 |  |  |  |
| 65 | 38.77 | 79.02 |  |  | , |

## Endowments



NET PREMIUMS
$3^{1 / 2 \%}$
Per $\$ \mathbf{1 , 0 0 0}$ 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 | 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 |



## Ordinary Life

FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 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 | 0.00 | 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 | 0.00 | 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 |

Ordinary Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 20 | 34.63 | 42.31 | 50.26 | - 58.49 | 67.00 |
| 21 | 36.09 | 44.09 | 52.38 | 60.95 | 69.82 |
| 22 | 37.62 | 45.97 | 54.59 | 63.52 | 72.76 |
| 23 | 39.23 | 47.92 | 56.91 | 66.22 | 75.85 |
| 24. | 40.91 | 49.97 | 59.35 | 69.04 | 79.06 |
| 25 | 42.67 | 52.12 | 61.89 | 71.98 | 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 |

$3^{1 / 2 \%}$
Ordinary Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 14 | 15 |
| 20 | 75.82 | 84.94 | 94.37 | 104.12 | 114.19 |
| 21 | 79.00 | 88.49 | 98.30 | 108.44 | 118.93 |
| 22 | 82.32 | 92.20 | 102.41 | 112.97 | 123.87 |
| 23 | 85.79 | 96.08 | 106.71 | 117.69 | 129.02 |
| 24 | 89.42 | 100.13 | 111.19 | 122.61 | 134.39 |
| 25 | 93.21 | 104.36 | 115.87 | 127.74 | 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 |

Ordinary Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 16 | 17 | J8 | 19 | 20 | 21 |
| 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 |

## TERMINAL RESERVES <br> 31/2\%

20 Payment Life
FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 5 |
| 20 | 0.00 | 14.78 | 30.15 | 46.13 | 62.76 |
| 21 | 0.00 | 15.10 | 30.80 | 47.14 | 64.13 |
| 22 | 0.00 | 15.44 | 31.49 | 48.19 | 65.55 |
| 23 | 0.00 | 15.79 | 32.20 | 49.27 | 67.02 |
| 24 | 0.00 | 16.15 | 32.94 | 50.39 | 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 | 0.00 | 21.01 | 42.81 | 65.41 | 88.87 |
| 36 | 0.00 | 21.54 | 43.88 | 67.05 | 91.07 |
| 37 | 0.00 | 22.08 | 44.99 | 68.72 | 93.34 |
| 38 | 0.00 | 22.65 | 46.13 | 70.46 | 95.68 |
| 39. | 0.00 | 23.23 | 47.31 | 72.25 | 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 |

FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 89.40 | 109.46 | 130.32 | 152.00 | 174.55 |
| 26 | 91.48 | 111.99 | 133.32 | 155.49 | 178.51 |
| 27 | 93.60 | 114.58 | 136.39 | 159.07 | 183.63 |
| 28 | 95.79 | 117.26 | 139.57 | 162.75 | 186.85 |
| 29 | 98.06 | 120.03 | 142.85 | 166.56 | 191.19 |
| 30 | 100.40 | 122.88 | 146.23 | 170.48 | 195.67 |
| 31 | 102.81 | 125.82 | 149.70 | 174.51 | 200.26 |
| 32 | 105.30 | 128.84 | 153.28 | 178.64 | 204.99 |
| 33- | 107.86 | 131.96 | 156.96 | 182.91 | 209.85 |
| 34 | 110.50 | 135.15 | 160.74 | 187.29 | 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 |

## TERMINAL RESERVES <br> 31/2\%

20 Payment Life
FULL PRELIMINARY TERM

| 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 | 33.3 .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 |

## AMER. <br> EXP.

TERMINAL RESERVES
$3^{1 / 2 \%}$
20 Payment Life
FULL PRELIMINARY TERM

| Age |  | YEARS |  | 19 | 20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 16 | 17 | 18 |  |  |
| 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

## FULL PRELIMINARY TERM

## YEARS

| Age | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 0.00 | 20.10 | 41.02 | 62.79 | 85.45 |
| 21 | 0.00 | 20.50 | 41.84 | 64.05 | 87.17 |
| 22 | 0.00 | 20.92 | 42.70 | 65.37 | 88.96 |
| 23 | 0.00 | 21.36 | 43.59 | 66.72 | 90.80 |
| 24 | 0.00 | 21.81 | 44.51 | 68.13 | 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 | 0.00 | 31.29 | 63.77 | 97.49 | 132.50 |
| 41 | 0.00 | 32.03 | 65.28 | 99.78 | 135.58 |
| 42 | 0.00 | 32.81 | 66.83 | 102.12 | 138.72 |
| 43 | 0.00 | 33.58 | 68.41 | 104.49 | 141.91 |
| 44 | 0.00 | 34.38 | 70.00 | 106.89 | 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
$3^{1 / 2 \%}$
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 |

## AMER. EXP. <br> TERMINAL RESERVES

15 Payment Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | II | 12 | 13 | 14 | 15 |
| :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 | $336.34{ }^{\text { }}$ | 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 |
| 135 | 333.59 | 374.71 | 417.52 . | 462.08 | 508.49 |
| 36 | 341.10 | 383.10 | 426.81 | 472.31 | 519.67 |
| 137 | 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 |

AMER.
EXP.
TERMINAL RESERVES
$31 / 2 \%$
10 Payment Life

## FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | x | 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 | 0.00 | 59.06 | 120.34. | 183.97 | 250.10 |
| 51 | 0.00 | 60.18 | 122.59 | 187.39 | 254.75 |
| 52 | 0.00 | 61.28 | 124.81 | 190.76 | 259.32 |
| 53 | 0.00 | 62.35 | 126.98 | 194.06 | 263.81 |
| 54 | 0.00 | 63.40 | 129.10 | 197.28 | 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 <br> <br> 10 Payment Life

 <br> <br> 10 Payment Life}FULL PRELIMINARY TERM

| 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 | 46600 |
| 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 

$3^{1 / 2 \%}$ 20 Year Endowment

FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 5 |
| 20 | 0.00 | 35.23 | 71.93 | 110.18 | 150.04 |
| 21 | 0.00 | 35.22 | 71.92 | 110.17 | 150.02 |
| 22 | 0.00 | 35.22 | 71.92 | 110.16 | 150.00 |
| 23 | 0.00 | 35.22 | 71.92 | 110.15 | 149.99 |
| 24 | 0.00 | 35.22 | 71.92 | 110.14 | 149.98 |
| 25 | 0.00 | 35.22 | 71.92 | 110.14 | 149.97 |
| 26 | 0.00 | 35.22 | 71.92 | 110.14 | 149.97 |
| 27 | 0.00 | 35.22 | 71.92 | 110.14 | 149.97 |
| 28 | 0.00 | 35.23 | 71.93 | 110.15 | 149.97 |
| 29 | 0.00 | 35.24 | 71.94 | 110.16 | 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 |

AMER. EXP.

TERMINAL RESERVES
31/2\%
20 Year Endowment
FULL PRELIMINARY TERM

YEARS

| Age | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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
31/2\%
20 Year Endowment
FULL PRELIMINARY TERM

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | II | 12 | 13 | - 14 | 15. |
| 20 | 427.24 | 480.57 | 536.21 | $\therefore 594.26$ | 654.81 |
| 21 | 427.17 | 480.49 | 536.12 | 594.16 | 654.71 |
| 22 | 427.10 | 480.41 | 536.03 | 594.06 | 654.61 |
| 23. | 427.03 | 480.33 | 535.94 | 593.96 | 654.51 |
| 24 " | 426.96 | 480.25 | 535.85 | 593.86 | 654.40 |
| 25 | 426.89 | 480.16 | 535.75 | 593.75 | 654.28 |
| 26 | 426.81 | 480.07 | 535.65 | 593.63 | 654.15 |
| 27 | 426.73 | 479.98 | 535.54 | 593.50 | 654.01 |
| 28 | 426.65 | 479.89 | 535.42 | 593.37 | 653.87 |
| 29 | 426.58 | 479.80 | 535.30 | 593.24 | 653.72 |
| -30 | 426.51 | 479.70 | 535.18 | 593.10 | 653.56 |
| 31 | 426.45 | 479.60 | 535.06 | 592.96 | 653.40 |
| 32 | 426.40 | 479.52 | 534.95 | 592.83 | 653.24 |
| 33 | 426.36 | 479.45 | 534.84 | 592.69 | 653.05 |
| $34{ }^{*}$ | 426.34 | 479.39 | 534.73 | 592.55 | 625.87 |
| 35 | 426.34 | 479.34 | $\therefore 534.63$ | 592.40 | 652.67 |
| 36 | 426.35 | 479.30 | 534.53 | 592.24 | 652.45 |
| 37 | 426.38 | 479.27 | 534.43 | 592.03 | 652.21 |
| 38 | 426.43 | 479.24 | 534.31 | 591.82 | 651.93 |
| $39 \cdots$ | 426.46 | 479.20 | 534.18 | 591. 58 | 651.60 |
| 40 | 426.50 | 479.14 | 534.02 | 591.31 | 651.21 |
| 41 | 426.55 | 479.05 | 533.81 | 590.98 | 650.77 |
| 42 | 426.55 | 478.93 | 533.55 | 590.59 | 650.27 |
| 43 | 426.52 | 478.77 | 533.23 | 590.13 | 649.69 |
| 44. | 426.46 | 478.56 | 532.85 | 589.62 | 649.02 |
| 45 | 426.36 | 478.29 | 532.41 | 589.00 | 648.26 |
| 46 | 426.21 | 477.95 | 531.88 | 588.29 | 647.40 |
| 47 | 426.00 | 477.54 | 531.27 | 587.48 | 646.43 |
| 48 | 425.74 | 477.06 | 530.58 | 586.57 | 645.34 |
| 49 | 425.44 | 476.53 | 529.80 | 585.56 | 644.12 |
| 50: | 425.12 | 475.95 | 528.94 | 584.45 | 642.78 |
| 51 | 424.77 | 475.31 | 528.01 | 583.23 | 641.31 |
| 52 | 424.39 | 474.62 | 527.00 | 581.89 | 639.70 |
| 5.3 | 423.98 | 473.87 | 525.90 | 580.43 | 637.93 |
| 54 | 423.54 | 473.06 | 524.69 | 578.82 | 635.97 |
| 55 | 423.07 | 472.17 | 523.36 | 577.05 | 633.85 |
| 56. | 422.55 | 471.19 | 521.89 | 575.09 | 631.42 |
| 57 | 421.96 | 470.09 | 520.24 | 572.88 | 628.75 |
| 58 | 421.27 | 468.83 | 518.36 | 570.38 | 625.75 |
| 59. | 420.40 | 467.34 | 516.21 | 567.62 | 622.45 |
| 60 : | 419.41 | 465.67 | 513.83 | 564.63 | 618.94 |

TERMINAL RESERVES
31/2\%
20 Year Endowment
FULL PRELIMINARY TERM

| 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

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | 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 | 53.47 | 109.09 | 166.95 | 227.17 |
| 45 | 0.00 | 53.49 | 109.11 | 166.93 | 227.05 |
| 46 | 0.00 | 53.52 | 109.12 | 166.89 | 226.93 |
| 47 | 0.00 | 53.53 | 109.10 | 166.82 | 226.77 |
| 48 | 0.00 | 53.53 | 109.06 | 166.70 | 226.56 |
| 49 | 0.00 | 53.51 | 109.00 | 166.54 | 226.29 |
| 50 | 0.00 | 53.49 | 108.92 | 166.35 | 225.97 |
| 51 | 0.00 | 53.47 | 108.82 | 166.13 | 225.61 |
| 52 | 0.00 | 53.44 | 108.70 | 165.91 | 225.21 |
| 53 | 0.00 | 53.40 | 108.56 | 165.64 | 224.77 |
| 54 | 0.00 | 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
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 49.6.14 | 570.84 |
| -39 | 290.32 | 355.97 . | 424.46 | 495.92 | 570.57 |
| $\therefore 40$ | 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 |
| $47 \times$ | 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 | 5.55 .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

$3^{1 / 2 \%}$

## 15 Year Endowment

## FULL PRELIMINARY TERM

|  |  | YEARS |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Age | $\therefore$ II | 12 | 13 | 14 : |
| 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 <br> $3^{1 / 2 \%}$ <br> 10 Year Endowment

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 5 |
| 20 | 0.00 | 93.33 | 190.64 | 292.12 | 397.97 |
| 21 | 0.00 | 93.31 | 190.61 | 292.08 | 397.92 |
| 22 | 0.00 | 93.29 | 190.58 | 292.04 | 397.87 |
| 23 | 0.00 | 93.27 | 190.55 | 292.00 | 397.82 |
| 24 | 0.00 | 93.25 | 190.52 | 291.95 | 397.76 |
| 25 | 0.00 | 93.23 | 190.48 | 291.90 | 397.70 |
| 26 | 0.00 | 93.21 | 190.44 | 291.85 | 397.64 |
| 27 | 0.00 | 93.19 | 190.40 | 291.79 | 397.57 |
| 28 | 0.00 | 93.17 | 190.36 | 291.73 | 397.49 |
| 29 | 0.00 | 93.15 | 190.31 | 291.66 | 397.41 |
| 30 | 0.00 | 93.13 | 190.26 | 291.58 | 397.32 |
| 31 | 0.00 | 93.10 | 190.21 | 291.50 | 397.23 |
| 32 | 0.00 | 93.07 | 190.15 | 291.42 | 397.13 |
| 33 | 0.00 | 93.04 | 190.09 | 291.34 | 397.02 |
| 34 | 0.00 | 93.01 | 190.03 | 291.25 | 396.90 |
| 35 | 0.00 | 92.97 | 189.96 | 291.15 | 396.77 |
| 36 | 0.00 | 92.93 | 189.88 | 291.04 | 396.62 |
| 37 | 0.00 | 92.89 | 189.79 | 290.92 | 396.46 |
| 38 | 0.00 | 92.84 | 189.69 | 290.78 | 396.29 |
| 39 | 0.00 | 92.79 | 189.59 | 290.63 | 396.11 |
| 40 | 0.00 | 92.74 | 189.49 | 290.48 | 395.92 |
| 41 | 0.00 | 92.69 | 189.38 | 290.32 | 395.71 |
| 42 | 0.00 | 92.63 | 189.26 | 290.14 | 395.48 |
| 4.3 | 0.00 | 92.57 | 189.13 | 289.94 | 395.22 |
| 44 | 0.00 | 92.50 | 188.99 | 289.72 | 394.93 |
| 45 | 0.00 | 92.42 | 188.83 | 289.47 | 394.59 |
| 46 | 0.00 | 92.33 | 188.64 | 289.17 | 394.18 |
| 47 | 0.00 | 92.23 | 188.41 | 288.81 | 393.70 |
| 48 | 0.00 | 92.11 | 188.14 | 288.39 | 393.15 |
| 49 | 0.00 | 91.96 | 187.83 | 287.91 | 392.53 |
| 50 | 0.00 | 91.79 | 187.47 | 287.37 | 391.83 |
| 51 | 0.00 | 91.60 | 187.06 | 286.76 | 391.04 |
| 52 | 0.00 | 91.35 | 186.60 | 286.07 | 390.15 |
| 53 | 0.00 | 91.12 | 186:09 | 285.30 | 389.16 |
| 54 | 0.00 | 90.83 | 185.52 | 284.45 | 388.07 |
| 55 | 0.00 | 90.51 | 184.89 | 283.51 | 386.87 |
| 56 | 0.00 | 90.16 | 184.19 | 282.47 | 385.54 |
| 57 | 0.00 | 89.78 | 183.42 | 281.32 | 384.06 |
| 58 | 0.00 | 89.37 | 182.57 | 280.05 | 382.42 |
| 59 | 0.00 | 88.92 | 181.63 | 278.65 | 380.62 |
| 60 | 0.00 | 88.42 | 180.60 | 277.12 | 378.66 |

## 10 Year Endowment

## FULL PRELIMINARY TERM

| 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 | 50.5 .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

$3^{1 / 2} \%$

## 20 Year Mortuary Additions

(LEVEL PREMIUM RESERVE)
Per Attained Amount of Insurance-\$1,000 the first year, increasing by a similar amount yearly.

| ; |  |  | YEARS | * |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | - 4 | 5 |
| 20 | 71.63 | 138.40 | 199.98 | 256.07 | 306.30 |
| 21 | $72.61{ }^{\text { }}$ | 140.34 | 202.88 | 259.91 | 311.08 |
| 22 | 73.66 | 142.45 | 206.04 | 264.11 | 316.26 |
| 23 | 74.83 | 144.77 | 209.52 | 268.71 | 321.96 |
| 24 | 76.10 | 147.33 | 213.33 | 273.76 | 328.23 |
| 25 | 77.51 | 150.14 | 217.54 | 279.36 | 335.16 |
| 26 | 79.06 | 153.24 | 222.20 | 二 285.53 | 342.83 |
| 27 | 80.79 | 156.70 | 227.37 | 292.41 | 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 | 100.46 | 196.24 | 286.85 | 371.79 | 450.40 |
| 35 | 104.84 | 205.04 | 300.13 | 389.51 | 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 | 121.28 | 238.18 | 350.10 | 456.44 | 556.40 |
| 39 | 128.04 | 251.80 | 370.70 | 484.02 | 590.99 |
| 40 | 135.53 | 266.93 | 393.54 | 514.65 | 629.34 |
| 41 | 143.83 | 283.65 | 418.83 | 548.51 | 671.79 |
| 42 | 152.97 | 302.12 | 446.70 | 585.88 | 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 | 245.89 | 489.44 | 729.33 | 963.90 | 1191.19 |
| 50 | 263.94 | 525.83 | 784.23 | 1037.37 | 1283.09 |
| 51 | 283.32 | 564.90 | - 843.18 | 1116.26 | 1381.89 |
| 52 | 304.01 | 606.62 | 906.14 | 1200.60 | 1487.50 |
| -53 | 325.95 | 650.86 | 972.96 | 1290.08 | 1599.64 |
| 54 | 349.04 | 697.44 | 1043.31 | 1384.39 | 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 |

Per Attained Amount of Insurance- $\$ \mathbf{1 , 0 0 0}$ the first year, increasing by a similar amount yearly.

|  |  | YEARS |  | - |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| $44^{\circ}$ | 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 | 4353.89 | 4726.54 |

# AMER. EXP. <br> <br> TERMINAL RESERVES <br> <br> TERMINAL RESERVES <br> 20 Year Mortuary Additions <br> <br> (LEVEL PREMIUM RESERVE) 

 <br> <br> (LEVEL PREMIUM RESERVE)}

Per Attained Amount of Insurance- $\$ \mathbf{r}, 000$ the first year, increasing by a similar amount yearly.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 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

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



EXP.

## TERMINAL RESERVES

$3^{1 / 2 \%}$
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 | 1 | 2 | 3 | 4 | 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 | $219.98{ }^{\text { }}$ | 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 

3 $1 / 2 \%$
15 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)

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

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| $\cdots$ - |  |  |  |  | 9 |
| 51 | 900.40 | 992.09 | 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- $\$ x, 000$ the first year, increasing by a similar amount yearly.

| YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 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 | 79.37 |
| 27 | 234.36 | 197.33 | 146.84 | 81.47 |
| 28 | 240.58 | 202.83 | 151.01 | 83.94 |
| 29 | 247.44 | 208.75 | 155.65 | 86.58 |
| 30 | 255.12 | 215.59 | 160.98 | 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 | 329.98 | 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 |

EXP.

## TERMINAL RESERVES

31/2\%
10 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)

## Per Attained Amount of Insurance- $\$ \mathbf{r}, 000$ the first

 year, increasing by a similar amount yearly.

## TERMINAL RESERVES

$3^{1 / 2} \%$

## 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 | 7 | 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 |

## MEAN RESERVES <br> 3 $1 / 2 \%$

Ordinary Life
FULL PRELIMINARY TERM


## MEAN RESERVES <br> $31 / 2 \%$ <br> Ordinary Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Age | $\mathbf{I}$ | $\mathbf{2}$ | $\mathbf{3}$ | 4 | $\mathbf{5}$ |
| 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 |
| 6.3 | 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 |

$3^{1 / 2 \%}$
Ordinary Life
FULL PRELIMINARY TERM

|  | YEARS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

## MEAN RESERVES <br> 3 $1 / 2 \%$

Ordinary Life.
FULL PRELIMINARY TERM

## YEARS

| Age | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 60 | 182.50 | 215.76 | 248.62 | 281.01 | 312.85 |
| 61 | 188.65 | 222.68 | 256.21 | 289.17 | 321.51 |
| 62 | 194.89 | 229.64 | 263.82 | 297.34 | 330.14 |
| 63 | 201.17 | 236.64 | 271.42 | 305.47 | 338.78 |
| 64 | 207.51 | 243.65 | 279.02 | 313.64 | 347.54 |
| 65 |  |  |  |  |  |
| 66 | 213.89 | 250.69 | 286.69 | 321.96 | 356.60 |
| 67 | 220.32 | 257.81 | 294.54 | 330.61 | 366.12 |
| 68 | 226.86 | 265.16 | 302.77 | 339.79 | 376.33 |
| 69 | 233.68 | 272.94 | 311.59 | 349.73 | 387.40 |
| 70 | 241.00 | 281.38 | 321.23 | 360.60 | 399.49 |
|  | 249.04 | 290.72 | 331.89 | 372.57 | 412.73 |

## MEAN RESERVES

## $3^{1 / 2 \%}$

## Ordinary Life <br> FULL PRELIMINARY TERM

| Age |  |  | YEARS. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 11 | 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 | 314.89 |
| 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
$\mathbf{3}^{1 / 2 \%}$
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 |

MEAN RESERVES
31/2\%

Ordinary Life

FULL PRELIMINARY TERM

| 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 |
| 5 C | 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 |

# MEAN RESERVES 

$31 / 2 \%$
Ordinary Life
FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | $\mathbf{1 7}$ | $\mathbf{1 8}$ | $\mathbf{1 9}$ | $\mathbf{2 0}$ | $\mathbf{2 1}$ |
| Age | $\mathbf{1 6}$ | $\mathbf{1 7}$ | 546.52 | 573.79 | 600.71 | 627.16 |  |  |  |  |  |  |  |
| 60 | 490.96 | 518.91 | 559.33 | 587.20 | 614.59 | 641.39 |  |  |  |  |  |  |  |
| 61 | 502.51 | 531.10 | 572.74 | 601.12 | 628.91 | 656.19 |  |  |  |  |  |  |  |
| 62 | 514.58 | 543.85 | 586.69 | 615.53 | 643.84 | 671.81 |  |  |  |  |  |  |  |
| 63 | 527.25 | 557.23 | 601.18 | 630.59 | 659.66 | 688.59 |  |  |  |  |  |  |  |
| 64 | 540.61 | 571.21 |  |  |  |  |  |  |  |  |  |  |  |
| 65 | 554.64 | 585.81 | 616.41 | 646.65 | 676.74 | 706.62 |  |  |  |  |  |  |  |
| 66 | 569.33 | 601.20 | 632.69 | 664.03 | 695.15 | 725.62 |  |  |  |  |  |  |  |
| 67 | 584.90 | 617.73 | 650.42 | 682.86 | 714.63 | 745.08 |  |  |  |  |  |  |  |
| 68 | 601.72 | 635.83 | 669.70 | 702.86 | 734.65 | 764.68 |  |  |  |  |  |  |  |
| 69 | 620.21 | 655.60 | 690.25 | 723.47 | 754.86 | 784.78 |  |  |  |  |  |  |  |
| 70 | 640.50 | 676.75 | 711.49 | 744.33 | 775.64 | 806.09 |  |  |  |  |  |  |  |

MEAN RESERVES
312\%
20 Payment Life
FULL PRELIMINARY TERM

|  | YEARS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 5 |
| 20 | 3.77 | 18.27 | 33.34 | 49.02 | 65.32 |
| 21 | 3.80 | 18.61 | 34.01 | 50.03 | 66.69 |
| 22. | 3.82 | 18.96 | 34.70 | 51.08 | 68.11 |
| 23 | 3.85 | 19.33 | . 35.43 | 52.17 | 69.58 |
| 24 | 3.87 | 19.71 | 36.18 | 53.30 | 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 |

## MEAN RESERVES <br> $31 / 2 \%$ <br> 20 Payment Life

FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 20 | 82.28 | 99.92 | 118.27 | 137.36 | 157.22 |
| 21 | 84.02 | 102.04 | 120.78 | 140.28 | 160.56 |
| 22 | 85.81 | 104.23 | 123.38 | 143.30 | 164.02 |
| 23 | 87.68 | 106.50 | 126.08 | 146.43 | 167.61 |
| 24 | 89.61 | 108.85 | 128.86 | 149.67 | 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 |

MEAN RESERVES
$3^{1 / 2 \%}$
20 Payment Life
FULL PRELIMINARY TERM


# MEAN RESERVES <br> $3^{1 / 2 \%}$ <br> 20 Payment Life <br> FULL PRELIMINARY TERM 

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 631.67 | 682.06 | 736.24 | 795.34 |
| 56 | 590.68 | 638.55 | 689.62 | 744.86 | 805.55 |
| 57 | 596.73 | 645.04 | 696.83 | 753.23 | 815.64 |
| 58 | 602.37 | 651.15 | 703.74 | 761.33 | 825.62 |
| 59 | 607.62 | 656.89 | 710.27 | 769.16 | 835.46 |
| 60 | 612.54 | 662.31 | 716.54 | 776.77 | 845.15 |


| Age | YEARS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 |
| 20 | 3.77 | 23.48 | 43.98 | 65.33 | 87.55 |
| 21 | 3.80 | 23.90 | 44.81 | 66.59 | 89.26 |
| 22 | 3.82 | 24.33 | 45.68 | 67.90 | 91.03 |
| 23 | 3.85 | 24.78 | 46.58 | 69.26 | 92.87 |
| 24 | 3.87 | 25.25 | 47.51 | 70.67 | 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 <br> 31/2\% <br> <br> 15 Payment Life <br> <br> 15 Payment Life <br> FULL PRELIMINARY TERM 

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 268.60 |
| 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 |
| 60 | 250.41 | 300.91 | 352.81 | 406.36 | 461.95 |

FULL PRELIMINARY TERM

|  | YEARS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 29 | 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
FULL PRELIMINARY TERM

YEARS.

| Age | 1 | 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 |
| 3 C | 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 |

# MEAN RESERVES 

31/2\%
10 Payment Life
FULL PRELIMINARY TERM

| Age |  | YEARS. |  | S- |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 | 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 |

AMER. EXP.

MEAN RESERVES
31/2\%

FULL PRELIMINARY TERM

YEARS

| Age | 1 | 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 | 15084 |
| 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 |

YEARS.

| Age | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 191.49 | 233.90 | 278.11 | 32420 | 372.25 |
| 21 | 191.48 | 233.89 | 278.10 | 324.17 | 372.21 |
| 22 | 191.49 | 233.89 | 278.09 | 324.15 | 372.18 |
| 23 | 191.50 | 233.89 | 278.08 | 324.13 | 372.15 |
| 24 | 191.51 | 23390 | 278.08 | 324.12 | 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 <br> 31/2\%

## 20 Year Endowment

## FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1x | 12 | 13 | 14 | ${ }_{5}$ |
| 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 | 58522 | 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 |

FULL PRELIMINARY TERM

|  | YEARS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 16 | 17 | 18 | 19 | 20 |
| 20 | 707.09 | 771.68 | 839.11 | 909.54 | 983.10 |
| 21 | 707.01 | 771.60 | 839.04 | 909.49 | 983.10 |
| 22 | 706.94 | 771.54 | 838.98 | 909.46 | 983.10 |
| 23 | 706.86 | 771.46 | 838.92 | 909.42 | 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 | 706.58 | 771.19 | 838.71 | 909.27 | 983.10 |
| 27 | 706.48 | 771.09 | 838.62 | 909.21 | 983.10 |
| 28 | 706.38 | 770.99 | 838.53 | 909.15 | 983.10 |
| 29 | 706.27 | 770.88 | 838.43 | 909.08 | 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 | 705.92 | 770.50 | 838.06 | 908.84 | 983.10 |
| 33 | 705.80 | 770.36 | 837.92 | 908.75 | 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 | 705.37 | 769.86 | 837.43 | 908.41 | 983.10 |
| 37 | 705.18 | 769.64 | 837.22 | 908.26 | 983.10 |
| 38 | 704.96 | 769.39 | 836.99 | 908.09 | 983.10 |
| 39 | 704.72 | 769.11 | 836.73 | 907.90 | 983.10 |
| 40 | 704.45 | 768.78 | 836.43 | 907.69 | 983.10 |
| 41 | 704.15 | 768.42 | 836.10 | 907.46 | 983.10 |
| 42 | 703.80 | 768.01 | 835.72 | 907.20 | 983.10 |
| 43 | 703.39 | 767.53 | 835.26 | 906.90 | 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 | 701.74 | 765.71 | 833.52 | 905.73 | 983.10 |
| 47 | 701.03 | 764.94 | 832.82 | 905.25 | 983.10 |
| 48 | 700.24 | 764.07 | 832.06 | 904.72 | 983.10 |
| 49 | 699.36 | 763.11 | 831.04 | 904.12 | 983.10 |
| 50 | 698.39 | 762.06 | 830.14 | 903.46 | 983.10 |
| 51 | 697.23 | 760.91 | 829.05 | 902.72 | 983.10 |
| 52 | 696.16 | 759.63 | 827.85 | 901.89 | 983.10 |
| 53 | 694.87 | 758.21 | 826.52 | 900.97 | 983.10 |
| 54 | 693.44 | 756.64 | 825.04 | 899.95 | 983.10 |
| 55 | 691.87 | 754.90 | S23.40 | 898.83 | 983.10 |
| 56 | 690.13 | 752.97 | 821.59 | 897.59 | 983.10 |
| 57 | 688.17 | 750.82 | 819.59 | 896.23 | 983.10 |
| 58 | 686.02 | 748.47 | 817.40 | 894.73 | 983.10 |
| 59 | 683.64 | 745.94 | 815.03 | 893.08 | 983.10 |
| 60 | 681.17 | 743.26 | 812.51 | 891.31 | 983.10 |

# MEAN RESERVES 

31/2\% 15 Year Endowment

FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | I | 2 | 3 | 4 | 5 |
| 20 | . 3.77 | 56.30 | 111.04 | 168.10 | 227.59 |
| 21 | 3.80 | 56.31 | 111.04 | 168.09 | 227.57 |
| 22 | 3.82 | 56.32 | 111.04 | 168.08 | 227.55 |
| 23 | 3.85 | 56.33 | 111.04 | 168.07 | 227.53 |
| 24 | 3.87 | 56.34 | 111.04 | 168.06 | 227.51 |
| 25 | 3.90 | 56.36 | 111.05 | 168.05 | 227.49 |
| 26 | 3.93 | 56.38 | 111.06 | 168.05 | 227.47 |
| 27 | 3.96 | 56.40 | 111.07 | 168.05 | 227.45 |
| 28 | 4.00 | 56.43 | 111.08 | 168.05 | 227.43 |
| 29 | 4.03 | 56.46 | 111.09 | 168.05 | 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 |

## MEAN RESERVES

31/2\%
15 Year Endowment
FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | - | 10 |
| 20 | 289.61 | 354.29 | 421.74 | 492.09 | 565.47 |
| 21 | 289.58 | 354.25 | 421.70 | 492.04 | 565.41 |
| 22. | 289.55 | 354.21 | 421.65 | 491.98 | 565.35 |
| 23 | 289.52 | 354.17 | 421.60 | 491.92 | 565.29 |
| 24 | 289.49 | 354.13 | 421.54 | 491.86 | 565.22 |
| 25 | 289.46 | 354.09 | 421.48 | 491.79 | 565.14 |
| 26 | 289.43 | 354.04 | 421.42 | 491.72 | 565.06 |
| 27 | 289.40 | 353.99 | 421.36 | 491.65 | 564.98 |
| 28 | 289.36 | 353.94 | 421.30 | 491.57 | 564.89 |
| 29 | 289.33 | 353.89 | 421.24 | 491.49 | 564.80 |
| 30 | 289.30 | 353.84 | 421.17 | 491.41 | 564.71 |
| 31 | 289.27 | 353.79 | 421.10 | 491.32 | 564.60 |
| 32 | 289.24 | 353.74 | 421.02 | 491.22 | 564.49 |
| 33 | 289.21 | 353.69 | 420.94 | 491.12 | 564.37 |
| $34^{-}$ | 289.18 | 353.63 | 420.86 | 491.01 | 564.24 |
| 35 | 289.15 | 353.57 | 420.78 | 490.90 | 564.11 |
| 36 | 289.13 | 353.52 | 420.70 | 490.79 | 563.97 |
| 37 | 289.12 | 353.48 | 420.62 | 490.68 | 563.82 |
| 38 | 289.11 | 353.45 | 420.55 | 490.57 | 563.67 |
| 39 | 289.12 | 353.43 | 420.49 | 490.46 | 563.52 |
| 40 | 289.16 | 353.42 | 420.44 | 490.35 | 563.36 |
| 41 | 289.22 | 353.43 | 420.39 | 490.23 | 563.18 |
| 42 | 289.29 | 353.44 | 420.33 | 490.10 | 562.97 |
| 43 | 289.37 | 353.45 | 420.25 | 489.92 | 562.71 |
| 44 | 289.44 | 353.43 | 420.14 | 489.73 | 562.40 |
| 45 | 289.50 | 353.39 | 419.98 | 489.46 | 562.03 |
| 46 | 289.54 | 353.31 | 419.77 | 489.12 | 561.59 |
| 47 | 289.55 | 353.19 | 419.51 | 488.72 | 561.08 |
| 48 | 289.53 | 353.03 | 419.20 | 488.26 | 560.49 |
| 49 | 289.49 | 352.84 | 418.84 | 487.74 | 559.82 |
| 50 | 289.43 | 352.62 | 418.43 | 487.15 | 559.07 |
| 51 | 289.35 | 352.37 | 417.97 | 486.50 | 558.24 |
| 52 | 289.26 | 352.09 | 417.46 | 485.78 | 557.33 |
| 53 | 289.17 | 351.78 | 416.91 | 484.99 | 556.33 |
| 54 | 289.08 | 351.42 | 416.31 | 484.12 | 555.23 |
| 55 | 288.99 | 351.06 | 415.66 | 483.17 | 554.02 |
| 56 | 288.91 | 350.68 | 414.96 | 482.14 | 552.70 |
| 57 | 288.84 | 350.27 | 414.21 | 481.03 | 551.26 |
| 58 | 288.77 | 349.85 | 413.40 | 479.83 | 549.69 |
| 59 | 288.75 | 349.44 | 412.55 | 478.52 | 547.97 |
| 60 | 288.72 | 348.98 | 411.62 | 477.09 | 546.09 |

## MEAN RESERVES <br> 31/2\%

15 Year Endowment
FULL PRELIMINARY TERM

YEARS.

| Age | 11 | 12 | 13 | 14 | 15 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 642.03 | 721.90 | 805.26 | 892.26 | 983.10 |
| 21 | 641.97 | 721.84 | 805.21 | 892.23 | 983.10 |
| 22 | 641.90 | 721.78 | 805.16 | 892.20 | 983.10 |
| 23 | 641.83 | 721.72 | 805.10 | 892.17 | 983.10 |
| 24 | 641.76 | 721.66 | 805.04 | 892.13 | 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 | 628.75 | 708.01 | 792.69 | 883.95 | 983.10 |
| 56 | 627.22 | 706.39 | 791.22 | 882.96 | 983.10 |
| 57 | 625.54 | 704.61 | 789.60 | 881.87 | 983.10 |
| 58 | 623.70 | 702.65 | 787.81 | 880.67 | 983.10 |
| 59 | 621.68 | 700.49 | 785.82 | 879.34 | 983.10 |
| 60 | 619.45 | 698.10 | 783.60 | 877.86 | 983.10 |

MEAN RESERVES
$3^{1 / 2 \%}$
10 Year Endowment
FULL PRELIMINARY TERM

YEARS.

| Age | 1 | 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 | 3.96 | 95.25 | 190.44 | 289.74 | 393.33 |
| 28 | 4.00 | 95.26 | 190.43 | 289.71 | 393.28 |
| 29 | 4.03 | 95.27 | 190.42 | 289.68 | 393.23 |
| 30 | 4.07 | 95.28 | 190.41 | 289.65 | 393.18 |
| 31 | 4.11 | 95.29 | 190.40 | 289.61 | 393.12 |
| 32 | 4.16 | 95.31 | 190.39 | 289.57 | 393.06 |
| 33 | 4.21 | 95.33 | 190.38 | 289.53 | 393.00 |
| 34- | 4.27 | 95.35 | 190.37 | 289.49 | 392.93 |
| 35 | 4.32 | 95.38 | 190.36 | 289.45 | 392.86 |
| 36 | 4.39 | 95.41 | 190.35 | 289.40 | 392.78 |
| 37 | 4.46 | 95.44 | 190.33 | 289.35 | 392.69 |
| 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 | 5.08 | 95.75 | 190.32 | 289.00 | 392.05 |
| 44 | 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 | 5.80 | 96.17 | 190.38 | 288.66 | 391.30 |
| 48 | 6.04 | 96.30 | 190.37 | 288.51 | 391.02 |
| 49 | 6.33 | 96.44 | 190.36 | 288.33 | 390.69 |
| 50 | 6.66 | 96.60 | 190.34 | 288.13 | 390.31 |
| 51 | 7.03 | 96.78 | 190.31 | 287.90 | 389.88 |
| 52 | 7.44 | 96.98 | 190.28 | 287.63 | 389.40 |
| 53 | 7.89 | 97.20 | 190.25 | 287.34 | 388.87 |
| 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 | 190.12 | 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

312\%
10 Year Endowment
FULL PRELIMINARY TERM

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 501.50 | 614.29 | 731.99 | 854.84 | 983.10 |
| 26 | 501.45 | 614.23 | 731.94 | 854.81 | 983.10 |
| 27 | 501.40 | 614.17 | 731.89 | 854.78 | 983.10 |
| 28 | 501.34 | 614.11 | 731.83 | 85.4 .74 | 983.10 |
| 29 | 501.28 | 614.05 | 731.77 | 854.70 | 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 |

Per $\$ \mathbf{x}, 000$ of Additions actually in force.

|  | YEARS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 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 | 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 |

## (LEVEL PREMIUM RESERVE)

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

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 20 | 61.07 | 58.16 | 55.12 | 51.95 | 48.62 |
| 21 | 62.02 | 59.10 | 56.04 | 52.84 | 49.49 |
| 22 | 63.05 | 60.11 | 57.04 | 53.81 | 50.44 |
| 23 | 64.19 | 61.23 | 58.14 | 54.89 | 51.49 |
| 24 | 65.43 | 62.46 | 59.35 | 56.08 | 52.63 |
| 25 | 66.82 | 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 | 295.56 318.58 |
| 55 | 366.90 | 363.03 | 357.87 | 351.20 | 342.76 |
| 56 | 392.58 | 388.74 | 383.53 |  |  |
| 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 |

## MEAN RESERVES

20 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)
Per $\$ \mathbf{x}, 000$ of Additions actually in force.

|  | YEARS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 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 | 57.23 | 52.59 | 47.58 | 42.16 |
| 32 | 64.43 | 60.02 | 55.25 | 50.09 | 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 | 135.85 | 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 |



Per $\$ \mathbf{x}, 000$ of Additions actually in force.

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 16 | 17 | 18 | 19 | 20 |
| 20 | 25.00 | 20.32 | 15.39 | 10.17 | 4.63 |
| 21 | 25.56 | 20.79 | 15.75 | 10.41 | 4.73 |
| 22 | 26.17 | 21.30 | 16.14 | 10.66 | 4.84 |
| 23 | 26.84 | 21.86 | 16.57 | 10.95 | 4.96 |
| 24 | 27.58 | 22.48 | 17.05 | 11.26 | 5.08 |
| 25 | 28.40 | 23.17 | 17.59 | 11.63 | 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 |

MEAN RESERVES
3 $1 / 2 \%$

## 15 Year Mortuary Additions

(LEVEL PREMIUM RESERVE)
Per $\$ 1,000$ of Additions actually in force.

|  |  | YEARS. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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

$31 / 2 \%$

15 Year Mortuary Additions

## (LEVEL PREMIUM RESERVE)

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

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

AMER.
EXP.

MEAN RESERVES
$3^{1 / 2 \%}$
15 Year Mortuary Additions

## (LEVEL PREMIUM RESERVE)

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


AMER.
EXP.

## MEAN RESERVES

10 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)
Per $\$ \mathrm{r}, 000$ of Additions actually in force.

| YEARS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | 4 | 5 |
| 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 |

## MEAN RESERVES

31/2\%

## 10 Year Mortuary Additions

## (LEVEL PREMIUM RESERVE)

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

|  |  | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 411 |
| 2.3 | 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 | 113.50 | 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 <br> $3^{1 / 2 \%}$

5 Year Term
(LEVEL PREMIUM RESERVES)

| Age | 1 | 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 |


|  |  | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 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 |
| 60 | 24.01 | 34.74 | 43.85 | 51.06 | 55.98 |

MEAN RESERVES
31/2\%

10 Year Term<br>(LEVEL PREMIUM RESERVES)

## YEARS

| Age | 6 | 7 | 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 |

(LEVEL PREMIUM RESERVES)

YEARS

| Age | 1 | 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 |

## MEAN RESERVES

## 20 Year Term <br> (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 |

# MEAN RESERVES 

31/2\%
20 Year Term
(LEVEL PREMIUM RESERVES)

|  | YEARS |  |  | - |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

$31 / 2 \%$ EXP.

MEAN RESERVES
20 Year Term
(LEVEL PREMIUM RESERVES)

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 90.10 | 75.02 | 54.50 | 27.42 |
| 51 | 110.49 | 98.98 | 82.45 | 59.87 | 29.95 |
| 52 | 121.14 | 108.61 | 90.52 | 65.70 | 32.69 |
| . 53 | 132.55 | 118.92 | 99.15 | 71.92 | 35.62 |
| 54 | 144.65 | 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 | 16.5 .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 |

# MEAN RESERVES 

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

## YEARS

| Age | x | 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 |

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

## YEARS

| Age | $\mathbf{I}$ | $\mathbf{z}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :---: | :---: | ---: | ---: | ---: | ---: |
| 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

$3^{1 / 2 \%}$
For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

YEARS

| 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 | 135.28 | 157.45 | 179.94 | 202.72 |
| 57 | 121.91 | 145.35 | 169.11 | 193.18 | 217.48 |
| 58 | 131.20 | 156.35 | 181.82 | 207.55 | 233.47 |
| 59 | 141.35 | 168.36 | 195.65 | 223.12 | 250.72 |
| 60 | 152.46 | 181.44 | 210.63 | 239.95 | 269.26 |

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

## YEARS

| Age | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :---: | :---: | :---: | :---: | ---: | ---: |
| 61 | $\$ 164.57$ | $\$ 195.65$ | $\$ 226.86$ | $\$ 258.06$ | $\$ 289.12$ |
| 62 | 177.75 | 211.05 | 244.35 | 277.49 | 310.28 |
| 63 | 192.07 | 227.70 | 263.16 | 298.24 | 332.67 |
| 64 | 207.60 | 245.65 | 283.29 | 320.24 | 356.19 |
| 65 | 224.36 | 264.88 | 304.66 | 343.37 | 380.71 |
| 66 | 242.37 | 285.35 | 327.17 | 367.51 | 406.09 |
| 67 | 261.58 | 306.94 | 350.69 | 392.54 | 432.25 |
| 68 | 281.87 | 329.54 | 375.13 | 418.38 | 459.10 |
| 69 | 303.14 | 353.05 | 400.39 | 444.97 | 486.62 |
| 70 | 325.30 | 377.40 | 426.46 | 472.29 | 514.75 |
| 71 | 348.32 | 402.62 | 453.36 | 500.35 | 543.57 |
| 72 | 372.28 | 428.80 | 481.14 | 529.30 | 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
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 |
| 2.3 | 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 | 40978 |

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

YEARS

| Age | II | $\mathbf{1 2}$ | $\mathbf{1 3}$ | $\mathbf{1 4}$ | $\mathbf{1 5}$ |
| ---: | :---: | :---: | :---: | :---: | ---: |
| 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 |
| 64 | 390.88 | 424.06 | 455.53 | 485.17 | 512.86 |
| 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 |
| 70 | 553.80 | 539.24 | 620.90 | 648.67 | 672.59 |
|  |  |  |  |  |  |
| 71 | 582.81 | 617.85 | 648.58 | 675.07 | 697.56 |
| 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 |
| 7. | 699.45 | 729.56 | 753.91 | 772.68 | 786.21 |

For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY 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 | 32.1 .48 | 342.02 | 362.24 | 381.90 |
| 55 | 320.46 | 342.16 | 363.47 | 384.20 | 404.20 |
|  | 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 |

For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY 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
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 21 | 22 | 23 | 24 | 25 |
| 20 | 113.80 | 117.80 | 121.72 | 125.57 | 129.36 |
| 21. | 115.00 | 119.09 | 123.10 | 127.05 | 130.95 |
| 22 | 116.29 | 120.48 | 124.60 | 128.67 | 132.69 |
| 23 | 117.70 | 122.00 | 126.24 | 130.43 | 134.59 |
| 24 | 119.24 | 123.66 | 128.04 | 132.38 | 136.69 |
| 25 | 120.92 | 125.49 | 130.01 | 134.51 | 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 | - 215.55 | 226.49 | 237.57 |
| 42 | 203.87 | 215.15 | 226.59 | 238.17 | 249.87 |
| 43 | 214.52 | 226.49 | 238.60 | 250.84 | 263.17 |
| 44 | 226.15 | 238.83 | 251.63 | 264.53 | 277.48 |
| 45 | 238.81 | 252.22 | 265.71 | 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 |
| 60 | 541.03 | 557.45 | 572.11 | 584.97 | 596.05 |

## MEAN RESERVES

31/2\%
For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | $\mathbf{2 x}$ | $\mathbf{2 2}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ | $\mathbf{2 5}$ |
| 51 | 564.87 | 580.48 | 594.17 | 605.96 | 615.99 |
| 62 | 588.42 | 603.03 | 615.61 | 626.31 | 635.21 |
| 63 | 61.47 | 624.93 | 636.37 | 645.90 | 653.81 |
| 64 | 633.85 | 646.12 | 656.35 | 664.62 | 670.99 |
| 65 | 655.48 | 666.49 | 675.39 | 682.26 | 687.20 |
|  |  |  |  | 698.63 | 702.21 |
| 66 | 676.25 | 685.87 | 693.29 | 713.73 | 716.12 |
| 67 | 696.00 | 704.04 | 709.84 | 727.62 | 729.03 |
| 68 | 714.47 | 720.78 | 725.02 | 740.45 | 741.07 |
| 69 | 731.42 | 736.05 | 738.91 | 752.32 | 752.53 |
| 70 | 746.79 | 749.94 | 751.63 |  |  |
|  |  |  |  |  |  |
| 71 | 760.69 | 762.56 | 763.33 | 763.56 | 763.59 |
| 72 | 773.23 | 774.09 | 774.34 | 774.38 |  |
| 73 | 784.62 | 784.91 | 784.95 |  |  |
| 74 | 795.28 | 795.33 |  |  |  |
| 75 | 805.55 |  |  |  |  |

# MEAN RESERVES 

31/2\%
For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 155.93 | 160.80 | 165.75 |
| 27 | 149.46 | 154.48 | 159.57 | 164.73 | 169.96 |
| 28 | 152.92 | 158.23 | 163.61 | 169.07 | 174.62 |
| 29 | 156.76 | 162.38 | 168.08 | 173.88 | 179.77 |
| 30 | 161.03 | 166.98 | 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 |

For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | $\mathbf{2 6}$ | $\mathbf{2 7}$ | $\mathbf{2 8}$ | $\mathbf{2 9}$ | $\mathbf{3 0}$ |
| 61 | 624.33 | 681.08 | 636.29 | 640.04 | 642.55 |
| 62 | 64.42 | 647.97 | 651.97 | 654.65 | 656.31 |
| 63 | 659.55 | 663.83 | 666.70 | 668.48 | 669.43 |
| 64 | 675.59 | 678.67 | 680.57 | 681.59 | 682.01 |
| 65 | 690.52 | 692.56 | 693.66 | 694.12 | 694.25 |
| 66 | 704.42 | 705.61 | 706.10 | 706.25 | 706.27 |
| 67 | 717.41 | 717.94 | 718.10 | 718.12 |  |
| 68 | 729.61 | 729.79 | 729.81 |  |  |
| 69 | 741.26 | 741.30 |  |  |  |
| 70 | 752.56 |  |  |  |  |

## MEAN RESERVES

$3^{1 / 2 \%}$
For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 4.10 .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 |
|  | $644.10$ | $644.93$ | $645.27$ | 645.38 | 645.40 |
| 62 | 657.20 | 657.57 | 657.67 | 657.69 |  |
| 63 | 669.82 | 669.93 | 669.95 |  |  |

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 583.21 | 583.83 | 584.09 | 584.16 | 584.18 |
| 57 | 595.94 | 596.22 | 596.29 | 596.31 |  |
| 58 | 608.42 | 608.50 | 608.52 |  |  |
| 59 | 620.77 | 620.79 |  |  |  |
| 60 | 633.09 |  |  |  |  |

## MEAN RESERVES

$3^{1 / 2 \%}$
For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

## YEARS

| 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 | 225.67 | 231.56 | 237.47 | 243.38 | 249.26 |
| 27 | 233.40 | 239.57 | 245.74 | 251.38 | 257.95 |
| 28 | 241.71 | 248.15 | 254.56 | 260.89 | 267.12 |
| 29 | 250.62 | 257.30 | 263.91 | 270.41 | 276.72 |
| 30 | 260.10 | 267.00 | 273.78 | 280.37 | 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 | 524.61 | 525.09 | 525.29 | 525.35 | 525.36 |
| 52 | 536.54 | 536.74 | 536.81 | 536.82 |  |
| 53 | 548.37 | 548.44 | 548.45 |  |  |
| 54 | 560.22 | 560.23 |  |  |  |
| 55 | 572.14 |  |  |  |  |

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 | 470.55 | 470.93 | 471.08 | 471.13 | 471.14 |
| 47 | 481.30 | 481.46 | 481.50 | 481.52 |  |
| 48 | 492.09 | 492.14 | 492.15 |  |  |
| 49 | 502.99 | 503.01 |  |  |  |
| 50 | 514.08 |  |  |  |  |

For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

YEARS

| Age | $\mathbf{5 I}$ | $\mathbf{5 2}$ | $\mathbf{5 3}$ | $\mathbf{5 4}$ | $\mathbf{5 5}$ |
| :---: | :---: | ---: | :---: | ---: | ---: |
| 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 |  |  |  |  |  |
| 37 | 375.64 | 377.61 | 379.13 | 380.22 | 380.95 |
| 38 | 385.20 | 386.78 | 387.92 | 388.68 | 389.15 |
| 39 | 394.67 | 395.87 | 396.66 | 397.16 | 397.42 |
| 40 | 404.06 | 404.89 | 405.41 | 405.69 | 405.80 |
|  | 413.38 | 413.92 | 414.21 | 414.33 | 414.36 |
| 41 |  | 422.69 | 422.99 | 423.12 | 423.16 |
| 42 | 432.05 | 432.18 | 432.22 | 432.22 | 423.16 |
| 43 | 441.50 | 441.54 | 441.55 |  |  |
| 44 | 451.14 | 451.15 |  |  |  |
| 45 | 461.01 |  |  |  |  |

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

YEARS

| Age | $\mathbf{5 6}$ | $\mathbf{5 7}$ | $\mathbf{5 8}$ | $\mathbf{5 9}$ | $\mathbf{6 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | $\$ 256.26$ | $\$ 260.03$ | $\$ 263.58$ | $\$ 266.90$ | $\$ 269.97$ |
| 21 | 263.36 | 267.07 | 270.53 | 273.74 | 276.69 |
| 22 | 270.67 | 274.28 | 277.63 | 280.70 | 283.49 |
| 23 | 278.15 | 281.64 | 284.85 | 287.77 | 290.37 |
| 24 | 285.80 | 289.15 | 292.19 | 294.91 | 297.29 |
| 25 | 293.59 | 296.76 | 299.60 | 302.08 | 304.22 |
| 26 | 301.49 | 304.45 | 307.04 | 309.27 | 311.17 |
| 27 | 309.47 | 312.17 | 314.50 | 316.48 | 318.13 |
| 28 | 317.48 | 319.91 | 321.98 | 323.70 | 325.09 |
| 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 | 365.94 |
| 35 | 373.46 | 373.90 | 374.13 | 374.22 | 37425 |
| 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

$31 / 2 \%$
For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

YEARS

| Age | $\mathbf{6 x}$ | $\mathbf{6 2}$ | $\mathbf{6 3}$ | $\mathbf{6 4}$ | $\mathbf{6 5}$ |
| :---: | ---: | :---: | :---: | :---: | :---: |
| 20 | $\$ 272.80$ | $\$ 275.36$ | $\$ 277.66$ | $\$ 279.67$ | $\$ 281.41$ |
| 21 | 279.36 | 281.75 | 283.86 | 285.66 | 287.20 |
| 22 | 285.99 | 288.18 | 290.06 | 291.67 | 292.99 |
| 23 | 292.66 | 294.62 | 296.06 | 297.68 | 298.81 |
| 24 | 299.34 | 301.08 | 302.53 | 303.71 | 304.61 |
| 25 | 306.04 | 307.56 | 308.78 | 309.72 | 310.41 |
| 26 | 312.75 | 314.03 | 315.02 | 315.73 | 316.20 |
| 27 | 319.47 | 320.50 | 321.24 | 321.73 | 322.04 |
| 28 | 326.17 | 326.94 | 327.46 | 327.78 | 327.95 |
| 29 | 332.84 | 333.39 | 333.72 | 333.90 | 333.97 |
| 30 | 339.52 | 339.87 | 340.05 | 340.13 | 340.15 |
|  |  |  |  |  |  |
| 31 | 346.22 | 346.41 | 346.50 | 346.52 | 346.52 |
| 32 | 353.00 | 353.09 | 353.11 | 353.12 |  |
| 33 | 359.90 | 359.93 | 359.93 |  |  |
| 34 | 366.97 | 366.97 |  |  |  |
| 35 | 374.25 |  |  |  |  |

(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

| YEARS |  |  |  |  |  |  |
| :---: | :---: | ---: | :---: | ---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Age | $\mathbf{6 6}$ | $\mathbf{6 7}$ | $\mathbf{6 8}$ | $\mathbf{6 9}$ | $\mathbf{7 0}$ |  |
| 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 |  |  |  |  |  |

# AMER. <br> EXP. 

## MEAN RESERVES

$3^{1 / 2 \%}$
For Valuing Paid Up Extended Insurance
(MEAN SINGLE PREMIUMS TEMPORARY INSURANCE)

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

AMER.
EXP. $\quad$ NET ANNUAL PREMIUMS $\quad \mathbf{I} / \mathbf{2} \%$

## PURE ENDOWMENT

| YEARS |  |  |  |
| :---: | :---: | :---: | :---: |
| Age | 10 Yrs . | $15 \mathrm{Yrs}$. | 20.1 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 |
| 40 | 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 | 53890 | 20.740 | 6.175 |

## TERMINAL RESERVES

3 $1 / 2 \%$

## PURE ENDOWMENT

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

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 2 | 3 | - 4 | 5 |
| 20 | 1.0431 | 2.1314 | 3,2668 | 4.4516 | 5.6880 |
| 21 | 1.0432 | 2.1316 | 3.2672 | 4.4522 | 5.6889 |
| 22 | 1.0432 | 2.1317 | 3.2675 | 4.4528 | 5.6899 |
| 23 | 1.0433 | 2.1319 | 3.2679 | 4.4535 | 5.6910 |
| 24 | 1.0434 | 2.1321 | 3.2683 | 4.4542 | 5.692 ! |
| 25 | 1.0434 | 2.1323 | 3.2687 | 4.4549 | 5.6933 |
| 26 | 1.0435 | 2.1325 | 3.2691 | $4.455\rangle$ | 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 | 1.0445 | 2.1358 | 3.2764 | 4.4689 | 5.7163 |
| 37 | 1.0446 | 2.1363 | 3.2775 | 4.4710 | 5.7197 |
| 38 | 1.0448 | 2.1369 | 3.2788 | 4.4733 | 5.7236 |
| 39 | 1.0450 | 2.1375 | 3.2802 | 4.4759 | 5.7277 |
| 40 | 1.0452 | 2.1382 | 3.2817 | 4.4787 | 5.7325 |
| 41 | 1.0455 | 2.1390 | 3.2834 | 4.4818 | 5.7378 |
| 42 | 1.0457 | 2.1398 | 3.2853 | 4.4854 | 5.7437 |
| 43 | 1.0460 | 2.1408 | 3.2874 | 4.4894 | 5.7505 |
| 44 | 1.0463 | 2.1419 | 3.2899 | 4.4939 | 5.7582 |
| 45 | 1.0467 | 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 |

## AMER. EXP.

## TERMINAL RESERVES

PURE ENDOWMENT
Per $\$ 1$ of Pure Endowment Net Annual Premium

YEARS

| Age | $\mathbf{I}$ | $\cdot \mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

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

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 10.7395 | 12.6156 | 14.6812 |
| 57 | 7.5039 | 9.1108 | 10.8653 | 12.7940 | 14.9293 |
| 58 | 7.5685 | 9.2079 | 11.0069 | 12.9951 | 15.2096 |
| 59 | 7.6407 | 9.3170 | 11.1661 | 13.2219 | 15.5271 |
| 60 | 7.7217 | 9.4395 | 11.3455 | 13.4785 | 15.8870 |

PURE ENDOWMENT
Per \$x of Pure Endowment Net Annual Premium

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

## PURE ENDOWMENT

Per \$r of Pure Endowment Net Annual Premium

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | II | 12 | 13 | 14 | 15 |
| 20 | 14.3343 | 16.0072 | 17.7552 | 19.5824 | 21.4926 |
| 21 | 14.3407 | 16.0155 | 17.7659 | 19.5958 | 21.5091 |
| 22 | 14.3477 | 16.0246 | 17.7774 | 19.6101 | 21.5270 |
| 23 | 14.3553 | 16.0344 | 17.7897 | 19.6257 | 21.5466 |
| 24 | 14.3636 | 16.0448 | 17.8032 | 19.6427 | 21.5681 |
| 25 | 14.3724 | 16.0563 | 17.8178 | 19.6614 | 21.5916 |
| 26 | 14.3820 | 16.0688 | 17.8340 | 19.6819 | 21.6175 |
| 27 | 14.3926 | 16.0826 | 17.8516 | 19.7045 | 21.6457 |
| 28 | 14.4042 | 16.0977 | 17.8711 | 19.7290 | 21.6768 |
| 29 | 14.4169 | 16.1143 | 17.8923 | 19.7561 | 21.7109 |
| 30 | 14.4309 | 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 | 15.7742 | 17.9222 | 20.2726 | 22.8600 | 25.7275 |
| 52 | 15.9605 | 18.1709 | 20.6016 | 23.2923 | 26.2916 |
| 53 | 16.1699 | 18.4512 | 20.9736 | 23.7821 | 26.9328 |
| 54 | 16.4055 | 18.7679 | 21.3948 | 24.3383 | 27.6637 |
| 55 | 16.6715 | 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 |

TERMINAL RESERVES
31/2\%

## PURE ENDOWMENT

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

| YEARS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Age | $\mathbf{I I}$ | $\mathbf{1 2}$ | $\mathbf{1 3}$ | $\mathbf{1 4}$ | $\mathbf{1 5}$ |  |
| 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 | $21.40 ; 0$ | 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 | 34.554 | 44.1057 | 56.5389 | 73.6639 |  |
| 70 | 29.8656 | 37.9678 | 48.8453 | 63.8141 | 85.0609 |  |

TERMINAL RESERVES
31/2\% PURE ENDOWMENT

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

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 43.5846 | 51.9103 | 62.2882 | 75.4416 |  |
| 52 | 46.5747 | 56.0069 | 67.9542 |  |  |
| 63 | 50.1134 | 60.9289 |  |  |  |
| 64 | 54.3535 |  |  |  |  |

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

| 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 | 49.345 .3 |
| 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 | 44.1546 | 49.0733 | 54.6687 | 61.0845 |  |
| 47 | 45.4488 | 50.7115 | 56.7424 |  |  |
| 48 | 46.3924 | 52.5956 |  |  |  |
| 49 | 48.6372 |  |  |  |  |

## TERMINAL RESERVES

$31 / 2 \%$

## PURE ENDOWMENT

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

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 26 | 27 | 28 | 29 | 30 |
| 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 |
| 26 | 50.7240 | 54.3712 | 58.2606 | 62.4205 | 66.8823 |
| 27 | 51.0241 | 54.7389 | 58.7110 | 62.9703 | 67.5526 |
| 28 | 51.3640 | 55.1561 | 59.2214 | 63.5937 | 68.3120 |
| 29 | 51.7496 | 55.6289 | 59.8000 | 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 |
| 32 | 53.2434 | 57.4598 | 62.0395 | 67.0353 | 72.5106 |
| 33 | 53.8789 | 58.2394 | 62.9943 | 68.2037 | 73.9396 |
| $34=$ | 54.5993 | 59.1235 | 64.0783 | 69.5319 | 75.5655 |
| 35 | 55.4162 | 60.1272 | 65.3104 | 71.0427 | 77.4189 |
| 36 | 56.3434 | 61.2676 | 66.7114 | 72.7644 | 79.5378 |
| 37 | 57.3965 | 62.5640 | 68.3075 | 74.7321 | 81.9651 |
| 38 | 58.5933 | 64.0405 | 70.1311 | 76.9854 | 84.7532 |
| 39 | 59.9558 | 65.7268 | 72.2186 | 79.5727 | 87.9671 |
| 40 | 61.5114 | 67.6562 | 74.6144 | 82.5538 | 91.6825 |
| 41 | 63.2905 | 69.8698 | 77.3737 | 85.9985 |  |
| 42 | 65.3305 | 72.4178 | 80.5604 |  |  |
| 43 | 67.6775 | 75.3589 |  |  |  |
| 44 | 70.3847 |  |  |  |  |


| 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 | 71.6836 | 76.8676 | 82.4847 | 88.5969 | 95.2760 |
| 27 | 72.4987 | 77.8568 | 83.6856 | 90.0534 | 97.0428 |
| 28 | 73.4218 | 78.9790 | 85.0485 | 91.7087 | 99.0531 |
| 29 | 74.4688 | 80.2524 | 86.5971 | 93.5917 | 101.3424 |
| 30 | 75.6568 | 81.6992 | 88.3587 | 95.7358 | 103.9548 |
| 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
$3^{1 / 2 \%}$

## PURE ENDOWMENT

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

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 36 | 37 | 38 | 39 | 40 |
| 20 | 94.1815 | 100.5115 | 107.3549 | 114.7798 | 122.8695 |
| 21 | 95.1847 | 101.7215 | 108.8124 | 116.5367 | 124.9868 |
| 22 | 96.3211 | 103.0918 | 110.4659 | 118.5311 | 127.3938 |
| 23 | 97.6082 | 104.6464 | 112.3428 | 120.7984 | 130.1336 |
| 24 | 99.0682 | 106.4110 | 114.4764 | 123.3789 | 133.2553 |
| 25 | 100.7254 | 108.4167 | 116.9046 | 126.3189 | 136.8201 |
| 26 | 102.6089 | 110.6993 | 119.6708 | 129.6759 | 140.9038 |
| 27 | 104.7523 | 113.2994 | 122.8290 | 133.5210 | 145.5924 |
| 28 | 1071935 | 116.2674 | 126.4458 | 137.9350 | 150.9922 |
| 29 | 109.9797 | 119.6659 | 130.5971 | 143.0175 | 157.2344 |
| 30 | 113.1695 | 123.5660 | 135.3762 | 148.8918 | 164.4743 |
| 31 | 116.8292 | 128.0548 | 140.8985 | 155.7034 |  |
| 32 | 121.0407 | 133.2407 | 147.3006 |  |  |
| 33 - | 125.9048 | 139.2510 |  |  |  |
| 34 | 131.5405 |  |  |  |  |


| AMER. EXP. | TERMINAL RESERVES |  |  |  | $31 / 2 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | PURE ENDOWMENT |  |  |  |  |
|  | Per \$1 of Pare Endowment Net Annual Premium |  |  |  |  |
| YEARS |  |  |  |  |  |
| Age | 41 | 42 | 43 | 44 | 45 |
| 20 | 131.7210 | 141.4513 | 152.1998 | 164.1330 | 177.4561 |
| 21 | 134.2741 | 144.5314 | 155.9174 | 168.6274 | 182.9039 |
| 22 | 137.1803 | 148.0416 | 160.1639 | 173.7780 | 189.1628 |
| 23 | 140.4920 | 152.0509 | 165.0300 | 179.6948 | 196.3760 |
| 24 | 144.2741 | 156.6446 | 170.6192 | 186.5128 | 204.7214 |
| 25 | 148.6072 | 161.9203 | 177.0590 | 194.4000 | 214.4099 |
| 26 | 153.5829 | 167.9980 | 184.5075 | 203.5550 |  |
| 27 | 159.3142 | 175.0267 | 193.1518 |  |  |
| 23 | 165.9410 | 183.1821 |  |  |  |
| 29 | 173.6285 |  |  |  |  |

## AMER. <br> EXP. <br> TERMINAL RESERVES <br> $3^{1 / 2 \%}$ <br> PURE ENDOWMENT

Per $\$ \mathbf{r}$ of Pure Endowment Net Annual Premium

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 46 | 47 | 48 | 49 | 50 |
| 20 | 192.4237 | 209.3430 | 228.5972 | 250.6680 | 276.1520 |
| 21 | 199.0398 | 217.3998 | 238.4430 | 262.7377 |  |
| 22 | 206.6656 | 226.7237 | 249.8783 |  |  |
| 23 | 215.4898 | 237.5514 |  |  |  |
| 24 | 225.7354 |  |  |  |  |

MEAN RESERVES
$3^{1 / 2 \%}$
PURE ENDOWMENT
Per \$1 of Pure Endowment Net Annual Premium

YEARS

| Age | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 1.0216 | 2.0873 | 3.1991 | 4.3592 | 5.5698 |
| 21 | 1.0216 | 2.0874 | 3.1994 | 4.3597 | 5.5706 |
| 22 | 1.0217 | 2.0875 | 3.1996 | 4.3602 | 5.5714 |
| 23 | 1.0217 | 2.0876 | 3.1999 | 4.3607 | 5.5723 |
| 24 | 1.0217 | 2.0878 | 3.2002 | 4.3613 | 5.5732 |
| 25 | 1.0217 | 2.0879 | 3.2005 | 4.3618 | 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 $\$ \mathrm{I}$ of Pure Endowment Net Annual Premium

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

$3^{1 / 2 \%}$

## PURE ENDOWMENT

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

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 20 | 6.8332 | 8.1518 | 9.5283 | 10.9655 | 12.4662 |
| 21 | 6.8344 | 8.1536 | 9.5308 | 10.9688 | 12.4707 |
| 22 | 6.8356 | 8.1554 | 9.5334 | 10.9724 | 12.4754 |
| 23 | 6.8370 | 8.1574 | 9.5362 | 10.9762 | 12.4804 |
| 24 | 6.8384 | 8.1595 | 9.5392 | 10.9803 | 12.4859 |
| 25 | 6.8399 | 8.1618 | 9.5423 | 10.9847 | 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 | 7.26 .36 | 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

31/2\%

## PURE ENDOWMENT

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

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

AMER. EXP.

MEAN RESERVES
$3^{1 / 2 \%}$
PURE ENDOWMENT
Per $\$ \mathrm{x}$ of Pure Endowment Net Annual Premium

## YEARS

| Age | 11 | 12 | 13 | $14^{\circ}$ | 15 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 14.0336 | 15.6708 | 17.3812 | 19.1688 | 21.0375 |
| 21 | 14.0393 | 15.6781 | 17.3907 | 19.1809 | 21.0525 |
| 22 | 14.0455 | 15.6862 | 17.4010 | 19.1938 | 21.0686 |
| 23 | 14.0522 | 15.6949 | 17.4121 | 19.2077 | 21.0862 |
| 24 | 14.0595 | 15:7042 | 17.4240 | 19.2230 | 21.1054 |
| 25 | 14.0673 | 15.7144 | 17.4371 | 19.2396 | 21.1265 |
| 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 | 17.4844 | 19.3001 | 21.2029 |
| 29 | 14.1064 | 15.7656 | 17.5033 | 19.3242 | 21.2335 |
| 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 | 15.8188 | 17.5723 | 19.4130 | 21.3470 |
| 33 | 14.1633 | 15.8404 | 17.6005 | 19.4495 | 21.3941 |
| 34 | 14.1814 | 15.8644 | 17.6319 | 19.4905 | 21.4471 |
| 35 | 14.2016 | 15.8912 | 17.6673 | 19.5367 | 21.5074 |
| 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 | 20.2268 | 22.4045 |
| 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 | 22.4470 | 25.2920 |
| 53 | 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 | 20.9992 | 23.9221 | 27.2350 |
| 56 | 16.3266 | 18.7517 | 21.4736 | 24.5548 | 28.0739 |
| 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

31/2\%

## PURE ENDOWMENT

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

| YEARS |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Age | $\mathbf{1 1}$ | $\mathbf{1 2}$ | $\mathbf{1 3}$ | $\mathbf{1 4}$ | $\mathbf{1 5}$ |  |
| 61 | 18.2482 | 21.3862 | 25.0476 | 29.3628 | 34.5023 |  |
| 62 | 18.8030 | 22.1505 | 26.0900 | 30.7761 | 36.4149 |  |
| 6.3 | 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 

31/2\%
PURE ENDOWMENT
Per \$I of Pure Endowment Net Annual Premium

| 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 | 301742 | 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 | 40.6935 | 48.2475 | 57.5993 | 69.3649 |  |
| 62 | 43.2884 | 51.7908 | 62.4806 |  |  |
| 63 | 46.3410 | 56.0212 |  |  |  |
| 64 | 49.9754 |  |  |  |  |

## MEAN RESERVES

$3^{1 / 2 \%}$
PURE ENDOWMENT
Per \$1 of Pure Endowment Net Annual Premium

## YEARS

| Age | 21 | 22 | 23 | 24 | 25 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 34.2107 | 36.7850 | 39.4850 | 42.3189 | 45.2959 |
| 21 | 34.2621 | 36.8471 | 39.5600 | 42.4096 | 45.4056 |
| 22 | 34.3184 | 36.9153 | 39.6428 | 42.5101 | 45.5274 |
| 23 | 34.3801 | 36.9906 | 39.7345 | 42.6216 | 45.6633 |
| 24 | 34.4483 | 37.0740 | 39.8363 | 42.7460 | 45.8154 |
| 25 | 34.5238 | 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 | 42.4758 | 47.1140 | 52.3710 | 58.3766 |  |
| 47 | 43.6342 | 48.5802 | 54.2270 |  |  |
| 48 | 44.9599 | 50.2640 |  |  |  |
| 49 | 46.4811 |  |  |  |  |

AMER.
EXP.
MEAN RESERVES
$31 / 2 \%$
PURE ENDOWMENT
Per $\$ 1$ of Pure Endowment Net Annual Premium

| 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 | 54.604 .7 | 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 | 60.8841 | 67.0802 | 74.1218 | 82.1861 |  |
| 42 | 62.7221 | 69.3742 | 76.9891 |  |  |
| 43 | 64.8331 | 72.0182 |  |  |  |
| 44 | 67.2645 |  |  |  |  |

## MEAN RESERVES

$3^{1 / 2 \%}$

## PURE ENDOWMENT

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

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 31 | 32 | 33 | 34 | 35 |
| 20 | 66.8390 | 71.1978 | 75.8359 | 80.7823 | 86.0716 |
| 21 | 67.1903 | 71.6251 | 76.3538 | 81.4094 | 86.8304 |
| 22 | 67.5885 | 72.1085 | 76.9402 | 82.1199 | 87.6900 |
| 23 | 68.0391 | 72.6560 | 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 | 70.5257 | 75.6778 | 81.2712 | 87.3695 | 94.0481 |
| 28 | 71.3669 | 76.7004 | 82.5138 | 88.8786 | 95.8809 |
| 29 | 72.3203 | 77.8606 | 83.9248 | 90.5944 | 97.9671 |
| 30 | 73.4020 | 79.1780 | 85.5290, | 92.5473 | 100.3453 |
| 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 |
| 36 | 83.8521 | 91.9920 | 101.2603 | 111.8933 |  |
| 37 | 86.5651 | 95.3483 | 105.4217 |  |  |
| 38 | 89.6881 | 99.2258 |  |  |  |
| 39 | 93.2948 |  |  |  |  |

## MEAN RESERVES

## PURE ENDOWMENT

Per \$1 of Pure Endowment Net Annual Premium

| YEARS |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| Age | $\mathbf{3 6}$ | $\mathbf{3 7}$ | $\mathbf{3 8}$ | $\mathbf{3 9}$ | $\mathbf{4 0}$ |
| 20 | 91.7441 | 97.8465 | 104.4332 | 111.5674 | $\mathbf{1 1 9 . 3 2 4 7}$ |
| 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 | 101.6233 | 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

3 $1 \frac{1}{2} \%$

## PURE ENDOWMENT

| YEARS |  |  |  |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Age | $\mathbf{4 I}$ | $\mathbf{4 2}$ | $\mathbf{4 3}$ | $\mathbf{4 4}$ | $\mathbf{4 5}$ |
| 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 |  |  |  |

MEAN RESERVES
$31 / 2 \%$
PURE ENDOWMENT
Per \$1 of Pure Endowment Net Annual Premium

|  | YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathbf{4 6}$ | $\mathbf{4 7}$ | $\mathbf{4 8}$ | $\mathbf{4 9}$ |  |
| Age | 185.4399 | 201.3834 | 219.4701 | 240.1326 | $\mathbf{5 0}$ |  |
| 20 | 191.4719 | 208.7198 | 228.4214 | 251.0904 |  |  |
| 21 | 198.4142 | 217.1947 | 238.8010 |  |  |  |
| 22 | 206.4329 | 227.0206 |  |  |  |  |
| 23 | 215.7284 |  |  |  |  |  |

MEAN ACCUMULATED
31/2\%

## TEMPORARY INSURANCE

YEARS

| 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 | 22.93 | 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 |

# MEAN ACCUMULATED 

31/2\%
TEMPORARY INSURANCE

|  | YEARS |  |  |  |  |  |
| :---: | :---: | ---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Age | $\mathbf{I}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |  |
| 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

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6 | 7 | 8 | 2 | 10 |
| 20 | 48.44 | 58.71 | 69.49 | 80.82 | 92.72 |
| 21 | 48.77 | 59.12 | 70.00 | 81.43 | 93.45 |
| 22 | 49.12 | 59.56 | 70.53 | 82.08 | 94.22 |
| 23 | 49.49 | 60.03 | 71.11 | 82.77 | 95.04 |
| 24 | 49.88 | 60.52 | 71.72 | 82.50 | 95.92 |
| 25 | 50.31 | 61.06 | 72.37 | 84.30 | 96.87 |
| 26. | 50.77 | 61.63 | 73.09 | 85.17 | 97.91 |
| 27 | 51.26 | 62.26 | 73.86 | 86.10 | 99.03 |
| 28 | 51.79 | 62.94 | 74.69 | 87.11 | 100.24 |
| 29 | 52.38 | 63.66 | 75.59 | 88.20 | 101.56 |
| 30 | 53.00 | 64.45 | 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 | 326.55 |
| 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

| YEARS |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: |
|  |  |  |  |  |  |  |
| Age $_{\mathbf{r}}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8} \ldots$ | $\mathbf{9}$ | $\mathbf{1 0}$ |  |
| 61 | 234.57 | 302.34 | 381.86 | 475.59 | 586.61 |  |
| 62 | 257.79 | 333.34 | 422.48 | 528.15 | 654.06 |  |
| 63 | 284.00 | 368.72 | 468.72 | 588.28 | 731.53 |  |
| 64 | 313.65 | 408.39 | 52.49 | 657.13 | 820.52 |  |
| 65 | 347.21 | 453.77 | 581.69 | 735.91 | 922.76 |  |
| 66 |  |  |  |  |  |  |
| 67 | 385.19 | 505.30 | 650.23 | 825.98 | 1040.38 |  |
| 68 | 428.13 | 563.69 | 728.21 | 929.07 | 1176.14 |  |
| 69 | 476.52 | 629.73 | 816.95 | 1047.39 | 1333.72 |  |
| 70 | 530.84 | 704.36 | 918.11 | 1183.88 | 1518.20 |  |
|  | 591.78 | 788.85 | 1034.06 | 1342.71 | 1736.48 |  |

## TEMPORARY INSURANCE

|  |  | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | II | 12 | 13 | 14 | 15 |
| 20 | 105.23 | 118.39 | 132.23 | $146.79{ }^{\text { }}$ | 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 | $152.73{ }^{\circ}$ | 168.98 |
| 25 | 110.13 | 124.13 | 138.91 | 154.53 | 171.06 |
| 26 | 111.36 | 125.57 | 140.60 | 1.56 .51 | 173.36 |
| 27 | 112.69 | 127.14 | 142.44 | 158.65 | 175.85 |
| 28 | 114.13 | 128.85 | 144.45 | 161.00 | 178.57 |
| 29 | 115.72 | 130.72 | 146.65 | 163.57 | 181.56 |
| 30 | 117.45 | 132.77 | 149.05 | 166.38 | 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 |

YEARS

| Age | 1I | 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 | 1150.59 | 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

$3^{1 / 2} \%$

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 | 1919.41 | 2344.43 | 2877.50 | 3555.57 |  |
| 62 | 2206.06 | 2715.43 | 3363.48 |  |  |
| 63 | 2550.66 | 3168.20 |  |  |  |
| 64 | 2969.91 |  |  |  |  |

312\%

## 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 | 336.38 | 368.65 | 403.83 | 442.29 | 484.48 |
| 32 | 346.95 | 381.01 | 418.27 | 459.17 | 504.18 |
| 33 | 358.92 | 395.02 | 434.65 | 478.30 | 526.52 |
| 34 | 372.44 | 410.85 | 453.19 | 499.99 | 551.86 |
| 35 | 387.78 | 428.84 | 474.25 | 524.61 | 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 | 666.10 | 757.15 | 861.79 | 982.64 | 1122.98 |
| 45 | 723.12 | 825.03 | 942.77 | 1079.54 | 1239.31 |
| 46 | 788.79 | 903.47 |  | 1192.44 |  |
| 47 | 864.61 | 994.40 | 1146.10 |  |  |
| 48 | 952.41 | 1100.14 |  |  |  |
| 49 | 1054.43 |  |  |  |  |


| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 976.05 | 1106.57 | 1257.98 | 1434.64 |  |
| 42 | 1064.44 | 1212.09 | 1384.40 |  |  |
| 43 | 1167.10 | 1335.16 |  |  |  |
| 44 | 1286.86 |  | $\sim$ |  |  |

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 | 699.29 | 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 |
| 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 | 1106.50 | 1231.24 | 1373.98 |
| 33 | 957.31 | 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 |  |  |
| 38 | 1402.23 | 1592.55 |  |  |  |
| 39 | 1538.63 |  |  |  |  |


| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | $\mathbf{4 I}$ | $\mathbf{4 2}$ | $\mathbf{4 3}$ | $\mathbf{4 4}$ | 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 |  |  |  |  |  |
| 27 | 1807.42 | 1899.84 | 2122.15 | 2380.60 |  |
| 28 | 1981.36 | 2050.82 | 2302.52 |  |  |
| 29 | 2154.15 | 2227.07 |  |  |  |

## AMER. EXP. <br> MEAN ACCUMULATED <br> 31/2\%

## TEMPORARY INSURANCE

YEARS

| Age | $\mathbf{4 6}$ | $\mathbf{4 7}$ | $\mathbf{4 8}$ | $\mathbf{4 9}$ | $\mathbf{5 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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

$3^{1 / 2 \%}$
These values are not pointed off in decimals.
Results should be pointed off as occasion requires.


RECIPROCALS
$3^{1 / 2 \%}$
These values are not pointed off in decimals.
Results should be pointed off as occasion requires.

| Age | $\begin{gathered} \text { Of } \\ \text { Dx } \\ \text { Column } \end{gathered}$ | $\begin{gathered} \text { Of } \\ \text { Nx } \\ \text { Column } \end{gathered}$ | $\begin{gathered} \text { Of } \\ \text { Mx } \\ \text { Column } \end{gathered}$ | Of <br> Life Single Premium | Of Immediate Life Annuity |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 61 | 1446458 | 1355846 | 2262786 | 1564364 | 937356 |
| 62 | 1541604 | 1496082 | 2366069 | 1534810 | 970471 |
| 63 | 1647102 | 1656876 | 2481205 | 1506407 | 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 | 2405107 | 2946908 | 3321928 | 1381198 | 122527 |
| 69 | 2625830 | 3358402 | 3569644 | 1359435 | 127898 |
| 70 | 2881288 | 3850932 | 3857223 | 1338715 | 133653 |
| 71 | 3179216 | 4445023 | 4193473 | 1319028 | 139815 |
| 72 | 3529304 | 5167521 | 4589223 | 1300320 | 146417 |
| 73 | 3943606 | 6053922 | 5057742 | 1282517 | 153512 |
| 74 | 44.37404 | 7151812 | 5615671 | 1265531 | 161171 |
| 75 | 5030510 | 8525949 | 6284407 | 1249258 | 169485 |
| 76 | 5749142 | 1026586 | 7092259 | 1233620 | 178563 |
| 77 | 6628531 | 1249744 | 8077231 | 1218555 | 188540 |
| 78 | 7717657 | 1540118 | 9292307 | 1204032 | 199557 |
| 79 | 9085540 | 1924085 | 1081205 | 1190028 | 211774 |
| 80 | 1083027 | 2441034 | 1274202 | 1176519 | 225390 |
| 81 | 1310214 | 3151307 | 1524565 | 1163600 | 240518 |
| 82 | 1611694 | 4149287 | 1855406 | 1151214 | 257448 |
| 83 | 2020222 | 5587878 | 2301615 | 1139288 | 276597 |
| 84 | 2586379 | 7724436 | 2916623 | 1127686 | 298658 |
| 85 | 3394318 | 1101380 | 3789229 | 1116345 | 324477 |



These values are not pointed off in decimals.
Results should be pointed off as occasion requires.


These values are not pointed off in decimals.
Results should be pointed off as occasion requires.

## OF <br> 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 |
| 54 | 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 |
| 60 | 226275 | 133330 | 105966 | 954636 |

## RECIPROCALS

These values are not pointed off in decimals.
Results should be pointed off as occasion requires.

## OF <br> IMMEDIATE TEMPORARY ANNUITIES

| Age | Age 65 | Age 70 | Age 75 | Age 80 |
| :---: | :---: | :---: | :---: | :---: |
| 20 | 497510 | 485753 | 478643 | 474917 |
| 21 | 501905 | 489440 | 481914 | 477975 |
| 22 | 506547 | 493318 | 485350 | 481183 |
| 23 | 511456 | 497406 | 488962 | 484553 |
| 24 | 516652 | 501716 | 492761 | 488091 |
| 25 | 522158 | 506268 | 496761 | 491811 |
| 26 | 528002 | 511075 | 500979 | 495729 |
| 27 | 534208 | 516158 | 505423 | 499850 |
| 28 | 540801 | 521537 | 510110 | 504190 |
| 29 | 547819 | 527232 | 515060 | 508766 |
| 30 | 555300 | 533268 | 520289 | 513590 |
| 31 | 563279 | 539671 | 525815 | 518678 |
| 32 | 571807 | 546475 | 531666 | 524054 |
| 33 | 580936 | 553701 | 537863 | 529737 |
| 34 | 590713 | 561407 | 544428 | 535742 |
| 35 | 601211 | 569609 | 551390 | 542097 |
| 36 | 612508 | 578369 | 558787 | 548829 |
| 37 | 624680 | 587724 | 566649 | 555963 |
| 38 | 637824 | 597736 | 575017 | 563533 |
| 39 | 652048 | 608458 | 583918 | 571563 |
| 40 | 667481 | 619970 | 593415 | 580097 |
| 41 | 684266 | 632339 | 603548 | 589168 |
| 42 | 702583 | 645674 | 614383 | 598831 |
| 43 | 722637 | 660062 | 625982 | 609125 |
| 44 | 744674 | 675630 | 638415 | 620109 |
| 45 | 768958 | 692502 | 651759 | 631832 |
| 46 | 795798 | 710833 | 666098 | 644363 |
| 47 | 825777 | 730807 | 681533 | 657722 |
| 48 | 859232 | 752621 | 698163 | 672097 |
| 49 | 896781 | 776518 | 716112 | 687451 |
| 50 | 939496 | 802762 | 735494 | 703883 |
| 51 | 987957 | 831691 | 756475 | 721496 |
| 52 | 104378 | 863715 | 779205 | 740379 |
| 53 | 110868 | 899337 | 803910 | 760647 |
| 54 | 118509 | 939205 | 830834 | 782436 |
| 55 | 127636 | 984087 | 860245 | 805886 |
| 56 |  | 103500 | 892499 | 831152 |
| 57 |  | 109327 | 927988 | 858428 |
| 58 | - | 116066 | 967240 | 887926 |
| 59 |  | 123956 | 101087 | 919904 |
| 60 |  | 133330 | 105966 | 954636 |

American Experience 3\%


$\qquad$

AMER. EXP.

## FULL PRELIMINARY TERM

| Age | First Year Premiums | RENEWAL PREMIUMS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Forms | Ordinary Life | 20 Payment Life | 15 Payment Life | 10 Payment 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 | 25.92 | 61.36 | 65.25 | 73.70 | 96.44 |
| 61 | 28.04 | 64.68 |  |  |  |
| 62 | 30.38 | 68.23 |  |  |  |
| 63 | 32.95 | 72.04 |  |  |  |
| 64 | 35.80 | 76.11 |  |  |  |
| 65 | 38.96 | 80.48 |  |  |  |

## ENDOWMENTS

|  | $\begin{array}{c}\text { First Year } \\ \text { Premiums }\end{array}$ |  | RENEWAL PREMIUMS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |$]$

NET PREMIUMS

## 3\%

Per $\$ \mathbf{x}, 000$ 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
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 0.00 | 24.93 | 50.17 | 75.68 | 101.43 |
| 51 | 0.00 | 25.88 | 52.05 | 78.45 | 105.06 |
| 52 | 0.00 | 26.86 | 53.97 | 81.28 | 108.75 |
| 53 | 0.00 | 27.85 | 55.92 | 84.15 | 112.51 |
| 54 | 0.00 | 28.87 | 57.91 | 87.08 | 116.33 |
| 55 | 0.00 | 29.90 | 59.94 | 90.06 | 120.21 |
| 56 | 0.00 | 30.96 | 62.01 | 93.09 | 124.13 |
| 57 | 0.00 | 32.04 | 64.11 | 96.15 | 128.10 |
| 58 | 0.00 | 33.13 | 66.23 | 99.24 | 132.09 |
| 59 | 0.00 | 34.23 | 68.37 | 102.35 | 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 |

Ordinary Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

## TERMINAL RESERVES

$3 \%$

> Ordinary Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 14 | 15 |
| 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 | - 376.10 | 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 |

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 | 583.8.3 |
| 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 | 68884 |

TERMINAL RESERVES
3\%
20 Payment Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | x | 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 | 0.00 | 26.29 | 53.40 | 81.37. | 110.20 |
| 41 | 0.00 | 26.88 | 54.61 | 83.18 | 112.63 |
| 42 | 0.00 | 27.51 | 55.84 | 85.04 | 115.09 |
| 43 | 0.00 | 28.13 | 57.10 | 86.92 | 117.59 |
| 44 | 0.00 | 28.79 | 58.39 | 88.83 | 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 | 0.00 | 36.05 | 72.57 | 109.54 | 146.96 |
| 56 | 0.00 | 36.73 | 73.87 | 111.40 | 149.32 |
| 57 | 0.90 | 37.42 | 75.17 | 113.25 | 151.64 |
| 58 | 0.00 | 38.10 | 76.47 | 115.08 | 153.93 |
| 59 | 0.00 | 38.78 | 77.76 | 116.90 | 156.20 |
| 60 | 0.00 | 39.47 | 79.04 | 118.71 | 158.45 |

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 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 | 332.95 |
| 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 |

# TERMINAL RESERVES 

$3 \%$
20 Payment Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 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 | 372.55 |
| 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 |

EXP.

## TERMINAL RESERVES

3\%

## 20 Payment Life <br> FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 63.3.38 | 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 |

# TERMINAL RESERVES <br> 3\% 

15 Payment Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 0.00 | 25.76 | 52.45 | 80.10 | 108.75 |
| 26 | 0.00 | 26.25 | 53.44 | 81.61 | 110.81 |
| 27 | 0.00 | 26.76 | 54.47 | 83.17 | 112.92 |
| 28 | 0.00 | 27.27 | 55.52 | 84.78 | 115.09 |
| 29 | 0.00 | 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 | 145.88 |
| 41 | 0.00 | 35.38 | 71.96 | 109.75 | 148.82 |
| 42 | 0.00 | 36.11 | 73.43 | 111.98 | 151.80 |
| 43 | 0.00 | 36.86 | 74.93 | 114.23 | 154.81 |
| 44 | 0.00 | 37.62 | 76.44 | 116.51 | 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 | 166.7 ? |
| 48 | 0.00 | 40.65 | 82.46 | 125.44 | 169.65 |
| 49 | 0.00 | 41.39 | 83.90 | 127.59 | 172.50 |
| 50 | 0.00 | 42.11 | 85.33 | 129.71 | 175.29 |
| 51 | 0.00 | 42.82 | 86.73 | 131.78 | 178.02 |
| 52 | 0.00 | 43.52 | 88.10 | 133.80 | 180.67 |
| 53 | 0.00 | 44.20 | 89.44 | 135.76 | 183.23 |
| 54 | 0.00 | 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 <br> FULL PRELIMINARY TERM 

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 | 22.5 .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 | 23.93 | 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 | 24.3 .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 |

## 15 Payment Life <br> FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 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 | $597.51{ }^{\circ}$ | 666.77 | 752.00 | 824.93 |

10 Payment Life
FULL PRELIMINARY TERM

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 | 0.00 | 63.83 | 129.80 | 198.04 | 268.70 |
| 51 | 0.00 | 64.86 | 131.88 | 201.19 | 272.98 |
| 52 | 0.00 | 65.87 | 133.91 | 204.28 | 277.16 |
| 53 | 0.00 | 66.85 | 135.89 | 207.28 | 281.25 |
| 54 | 0.00 | 67.80 | 137.80 | 210.19 | 285.22 |
| 55 | 0.00 | 68.71 | 139.64 | 213.00 | 289.04 |
| 56 | 0.00 | 69.53 | 141.41 | 215.69 | 292.71 |
| 57 | 0.00 | 70.41 | 143.08 | 218.24 | 296.19 |
| 58 | 0.00 | 71.19 | 144.64 | 220.62 | 299.46 |
| 59 | 0.00 | 71.90 | 146.08 | 222.82 | 302.51 |
| 60 | 0.00 | 72.55 | 147.39 | 224.83 | 305.30 |

# 10 Payment Life <br> FULL PRELIMINARY TERM 

YEARS

| Age | 6 | 7 | 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 |
|  | 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 |

20 Year Endowment
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | x | 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 | 0.00 | 36.99 | 75.33 | 115.09 | 156.32 |
| 26 | 0.00 | 36.99 | 75.33 | 115.09 | 156.31 |
| 27 | 0.00 | 36.99 | 75.33 | 115.09 | 156.31 |
| 28 | 0.00 | 36.99 | 75.33 | 115.09 | 156.31 |
| 29 | 0.00 | 37.00 | 75.34 | 115.10 | 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 | 0.00 | 37.10 | 75.52 | 115.31 | 156.53 |
| 36 | 0.00 | 37.14 | 75.58 | 115.39 | 156.62 |
| 37 | 0.00 | 37.18 | 75.65 | 115.49 | 156.73 |
| 38 | 0.00 | 37.23 | 75.74 | 115.61 | 156.88 |
| 39 | 0.00 | 37.29 | 75.85 | 115.76 | 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.<br>EXP.

TERMINAL RESERVES

## 20 Year Endowment

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 386.7.4 |
| 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 3\% 20 Year Endowment FULL PRELIMINARY TERM


| Age |  | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 | 48.3 .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 |

TERMINAL RESERVES
3\%
20 Year Endowment
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Age | 16 | 17 | 18 | 19 |
| 20 | 726.54 | 791.00 | 857.98 | 927.60 |
| 21 | 726.45 | 790.92 | 857.92 | 927.56 |
| 22 | 726.36 | 790.83 | 857.85 | 927.52 |
| 23 | 726.26 | 790.73 | 857.77 | 927.48 |
| 24 | 726.15 | 790.62 | 857.68 | 927.43 |
| 25 | 726.03 | 790.51 | 857.58 | 927.38 |
| 26 | 725.90 | 790.39 | 857.48 | 927.32 |
| 27 | 725.76 | 790.26 | 857.37 | 927.25 |
| 28 | 725.61 | 790.13 | 857.26 | 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 |
| 32 | 724.91 | 789.46 | 856.68 | 926.79 |
| 33 | 724.71 | 789.25 | 856.49 | 926.66 |
| 34 | 724.49 | 789.01 | 856.28 | 926.52 |
| 35 | 724.25 | 788.74 | 856.05 | 926.37 |
| 36 | 723.98 | 788.44 | 855.79 | 926.20 |
| 37 | 723.67 | 788.11 | 855.49 | 926.00 |
| 38 | 723.32 | 787.74 | 855.15 | 925.78 |
| 39 | 722.92 | 787.33 | 854.77 | 925.54 |
| 40 | 722.47 | 786.87 | 854.35 | 925.27 |
| 41 | 721.95 | 786.34 | 853.88 | 924.96 |
| 42 | 721.35 | 785.74 | 853.34 | 924.61 |
| 43 | 720.67 | 785.06 | 852.73 | 924.21 |
| 44 | 719.90 | 784.28 | 852.04 | 923.76 |
| 45 | 719.01 | 783.40 | 851.26 | 923.26 |
| 46 | 718.01 | 782.42 | 850.39 | 922.70 |
| 47 | 716.90 | 781.32 | 849.42 | 922.08 |
| 48 | 715.67 | 780.08 | 848.34 | 921.38 |
| 49 | 714.31 | 778.70 | 847.14 | 920.60 |
| 50 | 712.81 | 777.18 | 845.81 | 919.74 |
| 51 | 711.15 | 775.50 | 844.33 | 918.77 |
| 52 | 709.31 | 773.65 | 842.69 | 917.70 |
| 53 | 707.27 | 771.60 | 840.87 | 916.51 |
| 54 | 705.03 | 769.34 | 838.87 | 915.19 |
| 55 | 702.56 | 766.82 | 836.66 | 913.72 |
| 56 | 699.80 | 764.01 | 834.19 | 912.08 |
| 57 | 696.72 | 760.90 | 831.46 | 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 |

## FULL PRELIMINARY TERM

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 |
| 4.3 | 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

15 Year Endowment
FULL PRELIMINARY TERM

YEARS

| 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 |

## 15 Year Endowment

## FULL PRELIMINARY TERM

| Age | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 11 | 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 | 657.01 | 737.59 | 821.46 | 908.86 |
| 36 | 656.78 | 737.36 | 821.26 | 908.74 |
| 37 | 656.53 | 737.11 | 821.04 | 908.60 |
| 38 | 656.26 | 736.84 | 820.80 | 908.44 |
| 39 | 655.96 | 736.53 | 820.53 | 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 | 6.51 .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.
FULL PRELIMINARY TERM

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

## TERMENAL RESERVES <br> $3 \%$

## 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 | 409.31 | 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 

3\%
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 | 1 | 2 | 3 | 4 | 5 |
| 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 

3\%
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 | 7 | 8 | 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 |

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.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 14 | 15 |
| 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. | 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.

| Age | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 16 | 17 | 18 | 19 |
| 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 |

# TERMINAL RESERVES 

$3 \%$
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 | 1 | 2 | 3 | 4 | 5 |
| 20 | 53.70 | 101.48 | 143.02 | 177.97 | 205.99 |
| 21 | 54.26 | 102.58 | 144.63 | 180.05 | 208.50 |
| 22 | 54.88 | 103.79 | 146.40 | 182.36 | 211.25 |
| 23 | 55.56 | 105.12 | 148.35 | 184.85 | 214.24 |
| 24 | 56.30 | 106.58 | 150.47 | 187.60 | 217.57 |
| 25 | 57.12 | 108.17 | 152.80 | 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 |

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 | 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 |

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

| YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 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 | 78.89 |
| 27 | 234.19 | 196.86 | 146.24 | 80.99 |
| 28 | 240.42 | 202.36 | 150.40 | 83.46 |
| 29 | 247.32 | 208.30 | 155.06 | 86.11 |
| 30 | 255.01 | 215.14 | 160.38 | 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 |

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 | 1 | 2 | 3 | 4 | 5 |
| 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 | 1.39 .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 |

# TERMINAL RESERVES 

3\%
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 | 7 | 8 | 9 |
| 20 | 100.90 | 89.94 | 69.82 | 40.06 |
| 21 | 101.95 | 90.91 | 70.64 | 40.52 |
| 22 | 103.06 | 91.95 | 71.44 | 40.98 |
| 23 | 104.28 | 93.06 | 72.34 | 41.56 |
| 24 | 105.62 | 94.31 | 73.39 | 42.20 |
| 25 | 107.08 | 95.71 | 74.54 | 42.86 |
| 26 | 108.66 | 97.17 | 75.66 | 43.50 |
| 27 | 110.40 | 98.75 | 76.95 | 44.35 |
| 28 | 112.27 | 100.50 | 78.44 | 45.19 |
| 29 | 114.40 | 102.56 | 80.10 | 46.26 |
| 30 | 116.78 | 104.76 | 81.93 | 47.30 |
| 31 | 119.39 | 107.26 | 83.92 | 48.56 |
| 32 | 122.27 | 109.89 | 86.10 | 49.81 |
| 33 | 125.39 | 112.84 | 88.46 | 51.27 |
| 34 | 128.83 | 116.02 | 91.09 | 52.83 |
| 35 | 132.69 | 119.70 | 94.12 | 54.75 |
| 36 | 137.02 | 123.78 | 97.54 | 56.78 |
| 37 | 141.98 | 128.55 | 101.45 | 59.27 |
| 38 | 147.65 | 133.90 | 105.97 | 61.98 |
| 39 | 154.12 | 140.14 | 111.10 | 65.18 |
| 40 | 161.68 | 147.32 | 117.16 | 68.97 |
| 41 | 170.35 | 155.68 | 124.18 | 73.26 |
| 42 | 180.29 | 165.21 | 132.05 | 78.06 |
| 43 | 191.52 | 175.83 | 140.80 | 83.38 |
| 44 | 203.99 | 187.61 | 150.49 | 89.27 |
| 45 | 217.87 | 200.73 | 161.31 | 95.91 |
| 46 | 233.22 | 215.25 | 173.31 | 103.18 |
| 47 | 250.27 | 231.41 | 186.62 | 111.33 |
| 48 | 269.15 | 249.25 | 201.37 | 120.29 |
| 49 | 289.95 | 268.95 | 217.56 | 130.15 |
| 50 | 312.99 | 290.73 | 235.56 | 141.21 |
| 51 | 338.41 | 314.83 | 255.55 | 153.43 |
| 52 | 366.53 | 341.58 | 277.70 | 167.02 |
| 53 | 397.62 | 371.11 | 302.20 | 182.03 |
| 54 | 431.84 | 403.65 | 329.16 | 198.56 |
| 55 | 469.51 | 439.47 | 358.90 | 216.88 |
| 56 | 511.05 | 479.10 | 391.99 | 237.41 |
| 57 | 556.79 | 522.89 | 428.63 | 260.01 |
| 58 | 607.19 | 571.22 | 469.01 | 285.05 |
| 59 | 662.69 | 624.44 | 513.70 | 312.91 |
| 60 | 723.46 | 682.92 | 562.89 | 343.47 |

## Ordinary Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 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 | $35.66{ }^{\circ}$ | 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 | $141.39^{\circ}$ | 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 |

## Ordinary Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | $124.58{ }^{\circ}$ | 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 |

AMER.<br>EXP.



3\%
Ordinary Life
FULL PRELIMINARY TERM

| 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 | 385.25 |
| 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 | 527.8 ! |
| 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 | 680.3', |
| 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 |

20 Payment Life
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | I | 2 | 3 | 4 | 5 |
| 20 | 3.79 | 20.81 | 38.42 | 56.66 | 75.55 |
| 21 | 3.82 | 21.16 | 39.13 | 57.72 | 76.97 |
| 22 | 3.84 | 21.52 | 39.82 | 58.79 | 78.42 |
| 23 | 3.86 | 21.89 | 40.56 | 59.89 | 79.89 |
| 24 | 3.89 | 22.28 | 41.32 | 61.03 | 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 <br> 20 Payment Life <br> FULL PRELIMINARY TERM

3\%

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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
3\%
20 Payment Life
FULL PRELIMINARY TERM

| Age | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 | 466.0.4 | 508.98 | 553.28 |
| 55 | 388.45 | 429.53 | 471.51 | 514.59 | 559.06 |
| 56 | 393.43 | 434.63 | 476.70 | 519.88 | 564.45 |
| 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 |

MEAN RESERVES
3\%

## 20 Payment Life <br> FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 672.4 .3 |
| 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 | 75052 |
| 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 |

## 15 Payment Life FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 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 | 3447 | 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 |

MEAN RESERVES

15 Payment Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 449.40 ¢ |
| 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

3\%
15 Payment Life
FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 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 | 43900 |
| 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 | 540.96 |
| 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 |

AMER.
EXP.
MEAN RESERVES
3\%

## 10 Payment Life

FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1. | 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 | 270.95 |
| 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 |

## 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 |

## MEAN RESERVES <br> 3\% <br> 20 Year Endowment

FULL PRELIMINARY TERM

YEARS

| Age | 1 | 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 

$3 \%$
20 Year Endowment
FULL PRELIMINARY TERM

## YEARS

| Age | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 199.43 | 243.02 | 288.24 | 335.15 | 383.82 |
| 21 | 199.43 | 243.01 | 288.22 | 335.12 | 383.78 |
| 22 | 199.43 | 243.00 | 288.20 | 335.10 | 383.75 |
| 23 | 199.43 | 243.00 | 288.19 | 335.08 | 383.72 |
| 24 | 199.44 | 243.00 | 288.18 | 335.06 | 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 | $338.6{ }^{\circ}$ | 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 | 25614 | 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 |

20 Year Endowment
FULL PRELIMINARY TERM

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 433.95 | 486.21 | 540.46 | 596.81 | 655.36 |
| 31 | 433.93 | 486.17 | 540.40 | 596.73 | 655.25 |
| 32 | 433.93 | 486.14 | 540.35 | 596.65 | 655.14 |
| 33 | 433.95 | 486.13 | 540.31 | 596.58 | 655.03 |
| 34 | 433.99 | 486.14 | 540.29 | 596.51 | 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
3\%

## 20 Year Endowment

FULL PRELIMINARY TERM

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 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 | 716.21 | 779.50 | 845.35 | 913.97 | 985.44 |
| 31 | 716.09 | 779.37 | 845.23 | 913.89 | 985.44 |
| 32 | 715.96 | 779.23 | 845.10 | 913.80 | 985.44 |
| 33. | 715.83 | 779.09 | 844.96 | 913.70 | 985.44 |
| 34 | 715.69 | 778.93 | 844.81 | 913.59 | 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
FULL PRELIMINARY TERM


| Age | I | 2 | 3 | 4 | 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 | 3.92 | 58.35 | 114.82 | 173.39 | 234.18 |
| 26 | 3.95 | 58.37 | 114.82 | 173.38 | 234.16 |
| 27 | 3.98 | 58.39 | 114.83 | 173.38 | 234.14 |
| 28 | 4.01 | 58.41 | 114.84 | 173.38 | 234.12 |
| 29 | 4.05 | 58.44 | 114.85 | 173.38 | 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 |

## 15 Year Endowment

FULL PRELIMINARY TERM

## YEARS

| Age | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 297.41 | 362.92 | 430.90 | 501.46 | 574.72 |
| 21 | 297.37 | 362.87 | 430.85 | 501.40 | 574.66 |
| 22 | 297.34 | 362.83 | 430.80 | 501.34 | 574.60 |
| 23 | 297.31 | 362.79 | 430.75 | 501.28 | 574.54 |
| 24 | 297.28 | 362.75 | 430.69 | 501.22 | 574.47 |
| 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 |
| 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 | 429.52 | 499.66 | 572.55 |
| 41 | 296.91 | 361.95 | 429.45 | 499.53 | 572.35 |
| 42 | 296.97 | 361.95 | 429.37 | 499.37 | 572.12 |
| 43 | 297.03 | 361.93 | 429.27 | 499.18 | 571.85 |
| 44 | 297.08 | 361.89 | 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 | 296.89 | 360.92 | 427.29 | 496.25 | 568.10 |
| 51 | 296.78 | 360.62 | 426.79 | 495.56 | 567.25 |
| 52 | 296.65 | 360.28 | 426.24 | 494.80 | 566.30 |
| 53 | 296.52 | 359.91 | 425.64 | 493.96 | 565.25 |
| 54 | 296.39 | 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 | 554.63 |

MEAN RESERVES
$3 \%$

## 15 Year Endowment

FULL PRELIMINARY TERM

| 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 |

10 Year Endowment.
FULL PRELIMINARY TERM

|  |  | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 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.
FULL PRELIMINARY TERM

|  | 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 |

MEAN RESERVES
3\%
20 Year Mortuary Additions
(LEVEL PREMIUM RESERVE)
Per $\$ 1,000$ of Additions actually in force.

|  |  | YEARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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

3\%

## 20 Year Mortuary Additions

(LEVEL PREMIUM RESERVE)
Per $\$ \mathbf{1}, 000$ of Additions actually in force.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 9 | 10 |
| 20 | 61.97 | 58.93 | 55.77 | 52.47 | 49.05 |
| 21 | 62.94 | 59.88 | 56.70 | 53.38 | 49.92 |
| 22 | 63.99 | 60.92 | 57.72 | 54.37 | 50.88 |
| 23 | 65.15 | 62.06 | 58.84 | 55.47 | 51.95 |
| 24 | 66.43 | 63.31 | 60.07 | 56.67 | 53.11 |
| 25 | 67.84 | 64.71 | 61.44 | 58.01 | 54.41 |
| 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 | 75.26 | 72.05 | 68.67 | 65.09 | 61.30 |
| 30 | 77.74 | 74.50 | 71.09 | 67.46 | 63.62 |
| 31 | 80.54 | 77.28 | 73.83 | 70.16 | 66.25 |
| 32 | 83.71 | 80.43 | 76.93 | 73.21 | 69.24 |
| 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 | 100.90 | 97.53 | 93.89 | 89.95 | 85.67 |
| 37 | 106.59 | 103.19 | 99.50 | 95.49 | 91.12 |
| 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 | 370.16 | 364.27 | 356.87 | 347.71 |
| 56 | 401.00 | 396.39 | 390.42 | 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 |
| 59 | 485.28 | 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)
Per $\$ \mathbf{1}, 000$ of Additions actually in force.

|  | 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 | ${ }^{4} 48.26$ | 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 |

AMER.
EXP.
MEAN RESERVES

## 20 Year Mortuary Additions

(LEVEL PREMIUM RESERVE)
Per $\$ 1,000$ of Additions actually in force.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | $10.94{ }^{\text { }}$ | 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 |

## MEAN RESERVES

$3 \%$

## 15 Year Mortuary Additions

(LEVEL PREMIUM RESERVE)
Per $\$ 1,000$ of Additions actually in force.

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | I | 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 | 122.32 | 118.16 | 113.46 |
| 47 | 138.20 | 134.84 | 131.04 | 126.74 | 121.86 |
| 48 | 147.91 | 144.50 | 140.61 | 136.17 | 131.08 |
| 49 | 158.55 | 155.08 | 151.08 | 146.48 | 141.18 |
| 50 | 170.18 | 166.65 | 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 |

AMER. EXP.

MEAN RESERVES

## 15 Year Mortuary Additions <br> (LEVEL PREMIUM RESERVE)

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

YEARS

| 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 | 306.35 | 290.80 | 271.97 | 249.22 |

MEAN RESERVES
3\%

## 15 Year Mortuary Additions <br> (LEVEL PREMIUM RESERVE)

Per $\$ \mathbf{1 , 0 0 0}$ of Additions actually in force.

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 11 | 12 | 13 | 14 | 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 $\$ \mathbf{1 , 0 0 0}$ of Additions actually in force.

| YEARS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 1 | 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 |
| 60 | 199.95 | 191.15 | 180.65 | 168.18 | 153.42 |

## 10 Year Mortuary Additions

(LEVEL PREMIUM RESERVE)
Per $\$ \mathbf{r}, 000$ of Additions actually in force.

|  | YEARS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | 6 | 7 | 8 | 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

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.
MAB

YE02694


