## NORTHWESTERN ENERGY

 PENSION PLAN
## SUMMARY PLAN DESCRIPTION

As in effect on January 1, 2022

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## INTRODUCTION

NorthWestern Corporation dba NorthWestern Energy (the "Company") sponsors the NorthWestern Energy Pension Plan (the "Plan") for certain Montana employees, as described in the section "Eligibility for Participation" found on page 2.

The benefit you receive from the Plan combined with your savings under the $401(\mathrm{k})$ Retirement Savings Plan, your Social Security benefits and other personal savings will help to provide your retirement income. With adequate planning and preparation on your part, you can assure that your retirement years can be both financially secure and independent.

This Summary Plan Description (Summary) has been prepared to provide you with a general description of the major features of the Plan to include:

- When you are eligible to participate in the Plan;
- How your benefit under the Plan is calculated;
- When you are eligible to receive a benefit from the Plan;
- How your benefit under the Plan will be paid;
- How your beneficiaries may receive a benefit from the Plan in the event of your death; and
- Other important information about the Plan that you should know.

The cash balance provisions and the final average pay provisions of the Plan are addressed in separate sections in the Summary (see the Table of Contents and the labels in the upper right-hand corner of this Summary). Please refer to the section that applies to you for information regarding your benefit under the Plan. If you are not sure which benefit type you have, please contact the Plan Administrator.

Many complex concepts have been simplified in the interest of presenting information that is easily understood. If there are any inconsistencies between this Summary and the Plan Document, the Plan Document will govern in all cases.

This Summary is also available on the Company's intranet site.

## CASH BALANCE PROVISIONS

## ELIGIBILITY FOR PARTICIPATION

Non-Represented or Represented Employee:

Other:
A contract or leased employee, independent contractor, nonresident alien, or individual employed as temporary, summer, or limited is not eligible to participate in the Plan.

## CASH BALANCE BENEFIT

The cash balance plan states your benefit under the Plan as an account balance that is reported to you annually. This allows you to track the value of your benefit and use this information to plan for your retirement. Throughout your career with the Company your account balance will continue to grow through Company contributions and an interest credit. If you are vested and entitled to receive a pension benefit, you may retire and commence benefit payments on your retirement date. Both pre-retirement and postretirement survivor benefit options are provided under the Plan to allow you to financially protect your beneficiaries in the event of your death.

## YOUR INITIAL ACCOUNT BALANCE

 the Plan afterNon-Represented or Represented Employee:

Employee entering At the time that you became a participant in the Plan, a recordkeeping account was established for you. Your Initial Account Balance was zero. Thereafter, your account has been credited each year with Company contributions as described under the heading "How Your Account Will Grow".

If you were a participant in the Plan on January 1, 1998, your Initial Account Balance was established by applying the cash balance formula (as described under the heading "How Your Account Will Grow") from your original or adjusted hire date. The methodology used to establish your Initial Account Balance was explained and provided to you in a letter that accompanied your initial cash balance plan statement. This letter and statement were sent to you at the time that you became eligible to participate in the cash balance plan. If you have any questions about how your Initial Account Balance was calculated, please contact the Company's Benefits department at (888) 236-6656.

## HOW YOUR ACCOUNT WILL GROW

Each year, your account may be credited with the following three (3) types of credits: Basic Credit, Additional Credit and Interest Credit.

The Basic Credit and the Additional Credit applied to your account will be determined based on your Total Points and Eligible Earnings for the year. The following terms are important in understanding how your benefit grows:

Total Points: Your total points are determined by adding your attained age and your completed years of vesting service at the beginning of the year.

Eligible Earnings:

Your Eligible Earnings include your base pay, commissions and the straight time portion of any overtime pay for the year. Your Eligible Earnings are determined before any reductions due to elective deferrals you make to the Company's 401(k) Retirement Savings Plan and/or any pre-tax contributions that you make to the Company's medical, dental and life insurance plans or health savings and flexible spending accounts. Eligible Earnings do not include bonuses, the premium portion of overtime pay or any special pay that you receive (e.g. Paid Time Off sellback). The amount of your compensation that can be taken into account as Eligible Earnings is limited by federal law.

Basic Credit: The Basic Credit is a contribution made by the Company to your account each year. It is calculated by multiplying your Basic Credit percentage (from the table on page 5) by your Eligible Earnings. If you terminate employment, die or retire prior to the end of the year, a Basic Credit contribution will be applied to your account based on your Eligible Earnings up to the date of your termination, death or retirement.

## Additional

 Credit:The Additional Credit is a contribution made by the Company to your account each year. It is calculated by multiplying your Additional Credit percentage (from the table on page 5) by the amount of your Eligible Earnings that are in excess of one-half ( $1 / 2$ ) of the Social Security Wage Base (SSWB). If you terminate employment, die or retire prior to the end of the year, an Additional Credit contribution will be applied to your account based on your Eligible Earnings up to the date of your termination, death or retirement.

SSWB: The SSWB is the maximum annual wages subject to Social Security tax withholding. Generally, the SSWB changes every year. In 2022 the SSWB is $\$ 147,000$, and one-half $(1 / 2)$ of the SSWB is $\$ 73,500$.

Interest Credit: The Interest Credit is an interest contribution that is made by the Company to your account each year. It is based on your account balance at the beginning of the year. If your employment is terminated, the Interest Credit will continue to be applied to your account each year until you commence benefit payments. If you die or retire prior to the end of the year, a pro-rated Interest Credit will be applied to your account. Effective as of January 1, 2022 and for periods before that date, the Interest Credit rate is six percent (6\%).

## COMPANY CONTRIBUTION FORMULA TABLE

The following table displays the Company's Basic and Additional Credits for employees, unless otherwise specified in a collective bargaining agreement.

| TOTAL POINTS | COMPANY CONTRIBUTIONS |  |
| :---: | :---: | :---: |
| Your Attained Age + <br> Completed Years of <br> Vesting Service at the <br> Beginning of the Calendar <br> Year | Basic Credit (\% of your <br> Eligible Earnings) | Additional Credit <br> (\% of your Eligible Earnings <br> in excess of $1 / 2$ of the <br> SSWB) |
| Less than 32 | $3.0 \%$ | $1.5 \%$ |
| $32-39$ | $4.0 \%$ | $2.0 \%$ |
| $40-44$ | $5.0 \%$ | $2.5 \%$ |
| $45-49$ | $6.0 \%$ | $3.0 \%$ |
| $50-54$ | $7.0 \%$ | $3.5 \%$ |
| $55-59$ | $8.0 \%$ | $4.0 \%$ |
| $60-64$ | $9.0 \%$ | $4.5 \%$ |
| $65-69$ | $10.0 \%$ | $5.0 \%$ |
| $70-74$ | $11.0 \%$ | $5.5 \%$ |
| $75+$ | $12.0 \%$ | $6.0 \%$ |

The contribution formula and table for certain represented employees specified in the relevant collective bargaining agreements are incorporated by reference and considered part of this Summary. Please refer to your collective bargaining agreement for your formula and table.

NOTE: Prior to January 1, 2009, if you had thirty-five (35) or more years of service at the beginning of the year, no Basic or Additional Credits were added to your account for that year. Beginning January 1, 2009, a Participant with thirty-five (35) years or more of service (other than a Participant on long-term disability) will receive a Basic Credit of five percent (5\%) of Eligible Earnings.

NOTE: A Participant (including a Participant on long-term disability) hired under the terms of the September 26, 2013 Purchase and Sale Agreement between the Company and PPL Montana who: (1) remains covered under the terms of the collective bargaining agreement for hydroelectric generation employees; and (2) who has at least forty (40) years or more of service at the beginning of the year, will not receive Basic or Additional Credits for that year.

NOTE: If you were eligible to retire after January 1, 1998 and before January 1, 2003, your benefit will never be less than what it would have been under the Final Average Pay provisions described later in this Summary.

## HOW CREDITS ARE APPLIED TO YOUR ACCOUNT

Example: This example shows how credits are applied to your account while you are actively employed.

As of January 1, Mike is forty-five (45) years-old with eighteen (18) years of service for a total of sixty-three (63) points (45+18). His Eligible Earnings for the year were \$85,000. His account balance at the beginning of the year was $\$ 120,000$. Based on the table above, here is how Mike's account will be credited at the end of the year.

| ACCOUNT BALANCE ON JANUARY 1 |  |  | $\mathbf{\$ 1 2 0 , 0 0 0 . 0 0}$ |  |
| :--- | :--- | ---: | ---: | ---: |
| Step One | Basic Credit | $9.0 \% \times \$ 85,000$ | $\$$ | $7,650.00$ |
| Step Two | Additional Credit | $4.5 \% \times \$ 11,500$ | $\$$ | 517.50 |
|  |  | $(\$ 85,000-\$ 73,500)$ |  |  |
| Step Three | Interest Credit | $6.0 \% \times \$ 120,000$ | $\$ 7,200.00$ |  |
| ACCOUNT BALANCE ON DECEMBER 31 |  |  | $\$ 135, \mathbf{3 6 7 . 5 0}$ |  |

- This example used one-half ( $1 / 2$ ) of the 2022 SSWB or $\$ 73,500$, and an Interest Credit of six percent ( $6 \%$ ).
- These steps will be repeated each year that Mike is employed by the Company.

Example: This example shows how credits are applied to your account in the year that your employment is terminated and how your account will grow after your employment is terminated.

On July 1, Sue's employment is terminated. As of January 1 of that year, Sue was fifty (50) years old with twenty (20) years of service for a total of seventy (70) points ( $50+20$ ). Her Eligible Earnings for the year (January 1 to June 30) were $\$ 48,000$. Her account balance at the beginning of the year was $\$ 135,000$. Based on the table above, here is how Sue's account will be credited at the end of the year.

| ACCOUNT BALANCE ON JANUARY 1 |  |  | \$135,000 |  |
| :---: | :---: | :---: | :---: | :---: |
| Step One | Basic Credit | 11.0\% x \$48,000 | \$ | 5,280 |
| Step Two | Additional Credit | $\begin{array}{r} 5.5 \% \times \$ 0 \\ \text { (minimum is } 0 \text { ) } \end{array}$ | \$ | 0 |
| Step Three | Interest Credit | $6.0 \% \times \$ 135,000$ | \$ | 8,100 |
| ACCOUNT BALANCE ON DECEMBER 31 |  |  |  | 48,380 |

- This example used one-half of the 2022 SSWB or $\$ 73,500$, and an Interest Credit of six percent ( $6 \%$ ).
- Every year thereafter, Sue's account will be credited with the Interest Credit until she commences benefit payments under the Plan.

Example: This example shows how credits are applied to your account when you elect to retire prior to the end of the year.

On July 1, Mary elects to retire and commence benefit payments. As of January 1 of that year, Mary was sixty (60) years old with twenty (20) years of service for a total of eighty (80) points ( $60+20$ ). Her Eligible Earnings for the year (January 1 to June 30) were $\$ 27,000$. Her account balance at the beginning of the year was $\$ 150,000$. Based on the table above, here is how Mary's account will be credited at retirement.

| ACCOUNT BALANCE ON JANUARY 1 |  |  | \$150,000 |  |
| :---: | :---: | :---: | :---: | :---: |
| Step One | Basic Credit | 12.0\% x \$27,000 | \$ | 3,240 |
| Step Two | Additional Credit | $\begin{array}{r} 6.0 \% \times \$ 0 \\ \text { (minimum is } 0 \text { ) } \end{array}$ | \$ | 0 |
| Step Three | Interest Credit | $\begin{aligned} & 6.0 \% \times \$ 150,000 \times 0.5 \\ & \text { (the fraction } 6 / 12 \text { mos.) } \end{aligned}$ | \$ | 4,500 |
| ACCOUNT BALANCE ON DECEMBER 31 |  |  |  | 77,740 |

- This example used one-half ( $1 / 2$ ) of the 2022 SSWB or $\$ 73,500$, and an Interest Credit of six percent (6\%).
- The Interest Credit in the year that Mary retires is pro-rated. At retirement, Mary's account is credited with six (6) months of interest for the period of January to June.


## HOW YOUR ACCOUNT IS CONVERTED TO AN ANNUITY

When you retire and elect to commence benefit payments, your account will be converted to an annuity (a fixed monthly payment) that will be based on your age and the survivor option that you elect. Your monthly benefit amount will equal your account balance at retirement, divided by an annuity conversion factor. The following table provides example annuity conversion factors for a Single Life Annuity. An expanded list of age-related monthly annuity conversion factors can be found under the Single Life Annuity Table in Appendix A. If you are married, or you choose an optional form of benefit that is not a Single Life Annuity (see the section titled "How Your Benefit is Paid"), then your benefit will be the actuarial equivalent of this Single Life Annuity.

| Your Age When Benefits <br> Begin | Monthly Annuity <br> Conversion Factor |
| :---: | :---: |
| 50 | 166.20 |
| 55 | 155.64 |
| 60 | 142.80 |
| 65 | 127.80 |

Example: This example describes how your monthly annuity benefit payment is calculated, assuming a Single Life Annuity.

Mary is single and elects to retire at age sixty (60). Her account balance at retirement is $\$ 210,000$. To establish Mary's monthly pension benefit, her account balance of $\$ 210,000$ will be divided by the annuity factor of 142.80 . The result is a monthly Single Life Annuity benefit payment for Mary of $\$ 1,470.59$.

## DISABILITY

If you become disabled while working for the Company and are entitled to receive benefits under the Company's long term disability plan, your account will continue to be credited with the Company's contribution for Basic, Additional and Interest Credits each year while you are on disability. While you are on disability, you will continue to accrue service credit. If your credited years of service are at least thirty-five (35) you will not receive any further credits except Interest Credits.

Your Eligible Earnings for contribution purposes will be determined by multiplying your hourly pay rate at the beginning of your short-term disability by your regularly scheduled hours immediately before you became disabled. If you were subject to commissions, your Eligible Earnings will also include the average annual commissions you received during the thirty-six (36) months immediately prior to becoming disabled.

## MILITARY LEAVE

If you are on an approved leave of absence for military reasons, your account will continue to be credited with the Interest Credit contribution each year while you are on leave. Contributions for Basic and Additional Credits will be applied to your account in accordance with the requirements of applicable federal law.

While on military leave you will receive credit for vesting service, provided that you were actively employed by the Company when you went on leave and that you returned to active employment with the Company while your reemployment rights were protected by applicable federal law.

## BENEFIT ENTITLEMENT

## VESTING

If you are vested, you are entitled to receive a benefit from the Plan. To be vested, you must either:

- Have completed a certain number of years of vesting service:
- If you were employed by the Company on or after January 1, 2008, three (3) or more years of vesting service with the Company, or
- If you terminated employment with the Company before January 1, 2008, five (5) or more years of vesting service with the Company; or
- Reach age sixty-five (65) while employed with the Company.

After becoming eligible to participate in the cash balance plan, you earn a year of vesting service in any calendar year in which you are credited with one thousand $(1,000)$ or more hours of service. This includes employment with an affiliated employer.

If you participated in the Plan before January 1, 1998, your vesting service for that period was determined in accordance with the Credited Service provisions of the prior Plan, described in the Final Average Pay provisions of this Summary, specifically the Service provisions.

## SPOUSE

If you are married, there are Plan transactions that may require the consent of your Spouse and Plan benefits that your Spouse may be entitled to upon your death. See "Designating a Beneficiary" on page 16, "How Your Benefit Is Paid" on page 11, "How Your Benefit Is Determined" on page 12, and "Pre-Retirement Death Benefits" on page 15.

Under the Plan, your "Spouse" is an individual that you claim as your spouse for federal income tax purposes. A Spouse does not include an individual from whom you are divorced, except to the extent required under a Qualified Domestic Relations Order.

## YOUR BENEFIT

When you retire, you start receiving your pension benefits. These benefits generally begin to be paid to you on the first of the month following your Retirement Date, in an amount and for the period described below for your chosen benefit form. The benefit payable to you under your chosen benefit form is based on an actuarial equivalent of your cash balance account (determined by the Plan's actuary). The amount of your monthly benefit depends on whether you start receiving benefits on your Normal, Early or Late Retirement Date.

## TERMINATION OF EMPLOYMENT

If you leave the Company before you are vested in the Plan, you will not be eligible to receive a benefit from the Plan.

Normal Retirement Benefit. You may elect to retire and begin payments at any time after you reach your Normal Retirement Date. Your Normal Retirement Date means the first day of the month coincident with or next following your sixty-fifth (65th) birthday, regardless of the number of your years of service. Your retirement benefit will be the actuarial equivalent of your cash balance account. When you retire, the benefit payment options available to you are described below under the heading "How Your Benefit Is Paid".

Early Retirement Benefit. If you have completed at least five (5) years of vesting service and retire after your Early Retirement Date, you can elect to have payments begin at any time between your Early Retirement Date and your Normal Retirement Date. Your Early Retirement Date means the first day of any month you choose after you reach age fifty (50). If you retire under this provision on or after your Early Retirement Date, and before your Normal Retirement Date, you will receive a monthly cash balance pension benefit that is determined by dividing your account balance by the appropriate factor based on your age and chosen form of benefit.

Late Retirement Benefit. If you retire after your Normal Retirement Date, you will receive a cash balance pension benefit that is equivalent to your cash balance account. You will continue to earn Interest Credits until you retire.

Required Commencement of Benefits. You will be required to begin receiving benefit payments from the Plan by April 1 of the later of the calendar year following the year in which you reach age seventy two (72) seventy two (72) or seventy and one-half ( $701 / 2$ ) if you were born prior to July 1, 1949 or the calendar year in which you retire.

## BENEFIT PAYMENT

## HOW YOUR BENEFIT IS PAID

When you retire, you may elect one (1) of the following benefit payment options:

Single Life Annuity:

50\% Joint and Survivor Annuity:

75\% Joint and Survivor Annuity:

100\% Joint and Survivor Annuity:

This option provides monthly benefit payments to you for your lifetime. Benefit payments will cease when you die and will not continue to anyone else. If you are married and you elect this payment option, your Spouse must provide written notarized consent to your election before benefit payments begin.

Under this option, you will receive a reduced monthly benefit during your lifetime in order to provide for a survivor's benefit to your Spouse. If you die before your Spouse, he/she will receive fifty percent ( $50 \%$ ) of the monthly benefit that you were receiving for the remainder of his or her lifetime. However, if your Spouse should predecease you, your monthly pension benefit will automatically increase or "pop-up" to the unreduced payment level (under a Single Life Annuity) for the rest of your life.

Under this option, you will receive a reduced monthly benefit during your lifetime in order to provide for a survivor's benefit to your Spouse. If you die before your Spouse, he/she will receive seventy-five percent ( $75 \%$ ) of the monthly benefit that you were receiving for the remainder of his or her lifetime. However, if your Spouse should predecease you, your monthly pension benefit will automatically increase or "pop-up" to the unreduced payment level (under a Single Life Annuity) for the rest of your life.

Under this option, you will receive a reduced monthly benefit during your lifetime in order to provide for a survivor's benefit to your Spouse. If you die before your Spouse, he/she will receive one hundred percent (100\%) of the monthly benefit that you were receiving for the remainder of his or her lifetime. However, if your Spouse should predecease you, your monthly pension benefit will automatically increase or "pop-up" to the unreduced payment level (under a Single Life Annuity) for the rest of your life.

Single or Joint and Survivor Annuity, with PostRetirement Death Benefit:

This form of benefit payment is available to participants who terminated employment on or after January 1, 2005. Under this option, the Single Life Annuity can be elected with a special lump sum payment to be made to the designated beneficiary after the Participant dies. The $50 \%, 75 \%$ or $100 \%$ Joint and Survivor Annuity can be elected with a special lump sum payment to be made to the designated beneficiary after the Participant and his or her Spouse die. After all benefits payable under the chosen annuity form end, if the total value of the monthly payments made are less than the actuarial equivalent of the Participant's account balance under the Plan on the date pension benefits began to be paid, a lump sum is paid to the Participant's beneficiary in an amount representing the difference between the total value of the pension benefits actually paid and the value of the account balance on the date benefits began. If this benefit option is chosen, then the monthly pension benefits during the Participant's (and Spouse's) lifetime are reduced to take into account the likelihood that an additional lump sum may be paid after the annuity ends. If you are married and you elect a Single Life Annuity with Post-Retirement Death Benefit, your Spouse must provide written notarized consent to your election before benefit payments begin.

If you do not make an election, the default form of benefit if you are unmarried is a Single Life Annuity, and the default form if you are married is a Fifty Percent (50\%) Joint and Survivor Annuity.

## HOW YOUR BENEFIT IS DETERMINED

## Single Life Annuity

How to determine your estimated Single Life Annuity benefit payment along with an example can be found in the section entitled "How Your Account Is Converted To An Annuity".

## Single Life Annuity with Post-Retirement Death Benefit

You can determine your estimated Single Life Annuity with Post-Retirement Death benefit payment by applying the appropriate conversion factor from the Single Life Annuity with Post-Retirement Death Table (found in Appendix B) to your Single Life Annuity benefit payment. The following is an example of how to apply these factors.

Example: This example shows how to estimate a Single Life Annuity with PostRetirement Death benefit.

Based on her account balance, Mary's Single Life Annuity benefit payment is $\$ 1,470.59$ per month. At retirement, Mary is age sixty (60). The Single Life Annuity with PostRetirement Death factor (from Appendix B) is .9533.

Single Life Annuity with Post-Retirement Death Benefit

| Mary's Monthly Single Life Annuity | $\overline{\bar{y}}$ | $\$ 1,470.59$ |
| :--- | :--- | ---: |
| Multiplied by Conversion Factor | .9533 |  |
| Mary's Reduced Monthly Benefit | $=$ | $\$ 1,401.91$ |

Upon Mary's death, the value of the benefit payments made to her during her lifetime will be subtracted from the actuarial equivalent value of her account balance when benefit payments began to determine the lump sum amount, if any, payable to her beneficiary.

## Joint and Survivor Annuity

You can determine your estimated Joint and Survivor Annuity benefit payment by applying the appropriate conversion factor from the Fifty Percent ( $50 \%$ ) Joint and Survivor Annuity Table (found in Appendix C), the Seventy-Five Percent (75\%) Joint and Survivor Annuity Table (found in Appendix E), or the One Hundred Percent (100\%) Joint and Survivor Annuity Table (found in Appendix G) to your Single Life Annuity benefit payment. The following is an example of how to apply these factors.

Example: This example shows how to estimate a Fifty Percent (50\%) Joint and Survivor Annuity benefit.

Based on her account balance, Mary's Single Life Annuity benefit payment is $\$ 1,470.59$ per month. At retirement, Mary is age sixty (60). Her spouse, John, is age fifty-eight (58). Mary elects a Fifty Percent (50\%) Joint and Survivor Annuity benefit. The Fifty Percent ( $50 \%$ ) Joint and Survivor factor (from Appendix C) is .9278. Mary's monthly benefit will be reduced as follows in order to provide a fifty percent ( $50 \%$ ) survivor benefit to John upon her death.

50\% Joint and Survivor Annuity
Mary's Monthly Single Life Annuity $=\quad \$ 1,470.59$
Multiplied by Conversion Factor
X
.9278
Mary's Reduced Monthly Benefit
$=$ \$1,364.41

Upon Mary's death, John will receive a monthly benefit equal to fifty percent (50\%) of $\$ 1,364.41$, or $\$ 682.21$, which will be payable to him for the remainder of his life. If John dies before Mary, her monthly benefit will automatically "pop-up" to the Single Life Annuity benefit amount of $\$ 1,470.59$.

## Joint and Survivor Annuity with Post-Retirement Death Benefit

You can determine your estimated Joint and Survivor Annuity benefit payment with Post-Retirement Death Benefit by applying the appropriate conversion factor from the Fifty Percent $(50 \%)$ Joint and Survivor Annuity with Post-Retirement Death Benefit Table (found in Appendix D), the Seventy-Five Percent (75\%) Joint and Survivor Annuity with Post-Retirement Death Benefit Table (found in Appendix F), or the One Hundred Percent ( $100 \%$ ) Joint and Survivor Annuity with Post-Retirement Death Benefit Table (found in Appendix H) to your Single Life Annuity benefit payment. The following is an example of how to apply these factors.

Example: This example shows how to estimate a Fifty Percent (50\%) Joint and Survivor Annuity with Post-Retirement Death benefit.

Based on her account balance, Mary's Single Life Annuity benefit payment is $\$ 1,470.59$ per month. At retirement, Mary is age sixty (60). Her spouse, John, is age fifty-eight (58). Mary elects a Fifty Percent ( $50 \%$ ) Joint and Survivor Annuity with Post-Retirement Death benefit. The Fifty Percent (50\%) Joint and Survivor Annuity with Post-Retirement Death Benefit factor (from Appendix D) is 0.9137 . Mary's monthly benefit will be reduced as follows in order to provide a fifty percent (50\%) survivor benefit to John upon her death and a lump sum payment to her beneficiary, if, upon John's death, the value of the monthly payments made to Mary and John during their lifetime is less than the actuarial equivalent value of Mary's account balance when benefit payments began.

## 50\% Joint and Survivor Annuity with Post-Retirement Death Benefit

| Mary's Monthly Single Life Annuity | $\overline{\bar{x}}$ | $\$ 1,470.59$ |
| :--- | :--- | ---: |
| Multiplied by Conversion Factor | .9137 |  |
| Mary's Reduced Monthly Benefit | $=$ | $\$ 1,343.68$ |

Upon Mary's death, John will receive a monthly benefit equal to fifty percent (50\%) of $\$ 1,343.68$, or $\$ 671.84$, which will be payable to him for the remainder of his life. Upon John's death, the value of the benefits paid to Mary and John during their lifetime will be subtracted from the actuarial equivalent value of Mary's account balance when benefit payments began to determine the lump sum amount, if any, to be paid to Mary's beneficiary.

Small Benefits. If the present value of your benefit is $\$ 5,000$ or less, you will be required to receive a lump sum payment of your benefit payable immediately upon your termination of employment. Your benefit will be paid to an IRA in a direct rollover if it is more than $\$ 1,000$ but no more than $\$ 5,000$ unless you elect to receive the amount in cash.

## PRE-RETIREMENT DEATH BENEFITS

The Plan provides protection for your beneficiary if you die before you begin receiving your pension benefits.

If you are married and vested in your cash balance benefit, and you die before you start to receive a benefit from the Plan, your Spouse is entitled to receive a death benefit from the Plan. Your Spouse may elect one (1) of the following benefit payment options:

- A monthly benefit payment in an amount equal to one hundred percent ( $100 \%$ ) of your account balance at the time of your death divided by an annuity conversion factor that is based on your Spouse's age at the time benefit payments to your Spouse begin. Your Spouse may elect to begin receiving benefit payments effective with the first day of the month following your death or he/she may elect to defer receiving benefit payments until the later of December 1 of the year immediately following the year in which you died or December 1 of the year in which you would have reached age seventy and one-half ( $701 / 2$ ). If your Spouse elects to defer benefit payments, the Interest Credit will continue to be credited to your account balance during the deferral period.

In no event will the monthly annuity benefit payable to your Spouse be less than one hundred percent $(100 \%)$ of the annuity benefit that would have been paid to you under the One Hundred Percent (100\%) Joint and Survivor Annuity payment option had you terminated employment on the date of your death and retired on the date that your Spouse elects to commence benefit payments.

- A lump sum distribution in an amount equal to one hundred percent (100\%) of your account balance at the time of your death. If your Spouse elects this option, the lump sum distribution will be payable immediately upon your death. In no event will the lump sum distribution to your Spouse be less than the present value of the minimum one hundred percent ( $100 \%$ ) survivor annuity benefit as described above. Under Plan provisions the lump sum distribution option is only available within a one hundred eighty (180) day period from when the benefit first becomes payable.

If you are single and vested in the Plan and you die before you start to receive a benefit from the Plan, your designated beneficiary will be entitled to receive a lump sum distribution in an amount equal to one hundred percent (100\%) of your account balance at the time of your death.

## DESIGNATING A BENEFICIARY

You may designate any beneficiary or beneficiaries to receive a benefit from the Plan when you die, as may be provided for under the Plan. If you are married and want to designate a beneficiary other than your Spouse, your Spouse's written notarized consent will be required before your designation is valid. If you do not designate a beneficiary, your benefit will be paid to your Spouse, or if you are not married, to your estate. If you designate your Spouse as a beneficiary and you later divorce that Spouse, the divorce decree automatically revokes your designation of your former Spouse as beneficiary unless a QDRO provides that it will continue or that you are required to name your former Spouse as beneficiary after the date of the divorce.

To designate a beneficiary, you must complete a beneficiary designation form and return it to the Plan Administrator. This form is available through the Company's intranet site or by calling the Benefits department at (888) 236-6656.

## FINAL AVERAGE PAY PROVISIONS

These provisions apply to employees of the Company who did not become participants in the cash balance benefit of the Plan.

## ELIGIBILITY FOR PARTICIPATION

You would have been eligible to participate in the final average pay provisions of the Plan if:

- You were a participant in the Plan and terminated employment with the Company before January 1, 1998.
- You were covered by a collective bargaining agreement that provided for participation in the final average pay provisions of the Plan.
- You were an employee of Northwestern Resources Company.


## FINAL AVERAGE PAY BENEFIT

Your final average pay benefit depends in part on your Service and compensation as described below.

## SERVICE UNDER THE PLAN

## Eligibility Service

One (1) year of eligibility service means a twelve (12) month period in which you work at least one thousand $(1,000)$ or more hours. If you work less than one thousand $(1,000)$ hours during your first year of employment, then you will earn a year of eligibility service for the first calendar year in which you work one thousand $(1,000)$ hours.

If you have a one (1) year break in service prior to becoming eligible for participation in the Plan, you will lose credit for any eligibility service earned before such break.

A one (1) year break in service is any year in which you earn five hundred (500) hours of service or less. For this purpose, you will earn an hour of service for each hour that you would have been scheduled to work while on paid leave during vacation, illness, disability or other authorized approved absences. While on a military related leave of absence, you will receive service credits in accordance with Federal regulations. If your absence from work is due to pregnancy, the birth or adoption of a child or the care of your child immediately following birth or adoption, you will be credited for up to five hundred and one (501) hours to prevent a break in service in either the year your absence begins or the following calendar year.

## Credited Service

Your Credited Service is used to establish your vesting service under the Plan and your right to receive a benefit from the Plan if your employment is terminated before you are eligible to retire, as well as your right to receive an early retirement benefit as described under the heading Early Retirement Benefit.

Generally, all service for the period of your employment with the Company will count as Credited, including any period of military leave, provided that you were actively employed by the Company when you went on leave and that you returned to active employment with the Company while your reemployment rights were protected by applicable Federal law.

All periods of Credited Service will be aggregated on the basis of whole calendar months, whether or not such periods are consecutive. If the period of Credited Service begins on a day other than the first day of a month and ends on a day other than the last day of a month, the days of service in such months will be aggregated. One (1) additional month of service will be credited if the total number of such days is at least thirty (30) but less than sixty (60) and two (2) additional months will be credited if the number of such days equals sixty (60).

If you quit, are discharged, or retire from your job with the Company and then return to work for one (1) hour within twelve (12) months of your date of termination, you will receive Credited Service for both the period of severance and your Credited Service earned prior to your termination of employment.

If you were a participant in the Plan on January 1, 1993, and actively employed by the Company on December 31, 1992, with at least three (3) years of Credited Service (as defined in the prior Plan as in effect on December 31, 1992), you will be credited with one (1) additional year of Credited Service for the purpose of determining whether you are entitled to a deferred vested retirement benefit as described under the heading Deferred Vested Benefit.

If your employment with the Company was terminated prior to January 1, 1993, your Credited Service will be determined either under the Plan as in effect on December 31, 1992 or the Plan as in effect on January 1, 1993, whichever results in the greater amount of Credited Service for you for the purpose of vesting and benefit eligibility.

Credited Service earned prior to a Permanent Service Break (described below) will not be aggregated with Credited Service earned after such break.

## Vesting Service

Your Vesting Service consists of all of your periods of Credited Service.

## Benefit Service

Benefit Service is used to determine the amount of your benefit under the Plan. Generally, all service for the period of your employment with the Company will count as Benefit Service, including the following:

- If you have fifteen (15) or more years of Credited Service prior to becoming disabled, any period during which you are disabled and receiving benefits under the Company's long term disability plan;
- The first six (6) consecutive months of an authorized unpaid leave of absence;
- Any period of military leave provided that you were actively employed by the Company when you went on leave and that you returned to active employment with the Company while your reemployment rights were protected by applicable Federal law.

If the period of Benefit Service begins on a day other than the first day of a month and ends on a day other than the last day of a month, the days of service in such months will be aggregated. One (1) additional month of service will be credited if the total number of such days is at least thirty (30) but less than sixty (60) and two (2) additional months will be credited if the number of such days equals sixty (60).

Benefit Service earned prior to a Permanent Service Break (see below) will not be aggregated with Benefit Service earned after such break.

## Permanent Service Break

You will incur a Permanent Service Break if your employment with the Company is terminated before you are vested in any benefit under the Plan and the Company does not rehire you within five (5) consecutive years following termination.

If you are absent from work because of pregnancy, the birth or adoption of a child or the care of your child immediately following birth or adoption and you resign or are discharged before returning to work, you will not incur a Permanent Service Break if you are rehired by the Company within the greater of six (6) consecutive years after termination or the period of Credited Service that you had earned prior to termination plus one (1) year.

## COMPENSATION

## Final Average Pay

Your average annual Eligible Earnings during the three (3) consecutive highest paid years out of your last ten (10) years of Benefit Service.

Your Eligible Earnings include your base pay, commissions and the straight time portion of any overtime pay for the year. Your Eligible Earnings are determined before any
reductions due to elective deferrals you make to the Company's 401(k) Retirement Savings Plan and/or any pre-tax contributions that you make to the Company's medical, dental and life insurance plans or flexible spending accounts. Eligible Earnings do not include bonuses, the premium portion of overtime pay or any special pay that you receive (e.g. Flex Leave sellback). Your Eligible Earnings are also subject to limits imposed by the Internal Revenue Code.

## Social Security Integration Level

The average of the taxable wage bases in effect for each calendar year in the thirty-five (35) year period ending with the last day of the calendar year in which you reach your Social Security retirement age. If your retirement benefit is calculated before you reach Social Security retirement age, it will be assumed that the taxable wage base will remain the same in future years. The Social Security Integration Level applicable to the calendar year in which you retire will be similar to the table in Appendix I. This table is subject to change from year to year. In calculating your benefit under the Plan, the table in effect for the calendar year in which you terminate employment will be used.

## BENEFIT ENTITLEMENT

## VESTING

If you are vested, you are entitled to receive a benefit from the Plan. To be vested, you must:

- Have completed five (5) or more years of Credited Service with the Company, or
- Reach age sixty-five (65) while employed with the Company.


## SPOUSE

If you are married, there are Plan benefits that your Spouse may be entitled to upon your death. See "How Your Benefit Is Paid" on page 22, and "Pre-Retirement Death Benefits" on page 23.

Under the Plan, regardless of where you reside, your "Spouse" is an individual to whom you are lawfully married under any state law as of the earlier of the date on which your pension benefit payments commence or the date of your death, including an individual of the same sex to whom you were legally married in a state that recognized such marriage. "Marriage" or "married" means a marriage, including a same sex marriage that is legally recognized as a marriage under any state law. A Spouse does not include an individual from whom you are legally separated or divorced, except to the extent required under a Qualified Domestic Relations Order.

## YOUR BENEFIT

When you retire, you start receiving your pension benefits. These benefits generally begin to be paid to you on your Retirement Date, in an amount and for the period
described below for your chosen benefit form. The benefit payable to you under your chosen benefit form is based on an actuarial equivalent of your Normal Retirement Benefit. The amount of your monthly benefit depends on whether you start receiving benefits on your Normal, Early or Late Retirement Date.

## Normal Retirement Benefit

You may elect to retire and begin payments at any time after you reach age sixty-five (65) regardless of the number of your years of service. Your normal retirement benefit will be calculated as a monthly Single Life Annuity payable to you for your lifetime beginning on the first day of the month following your sixty-fifth (65) birthday. Your benefit under the Plan will be calculated based on the formula of $(A+B) \times C$ where:

$A=\quad$| $0.95 \%$ multiplied by your Final Average Pay up to the Social Security |
| :--- |
| Integration Level (SSIL). |


$B=\quad$| $11 / 2 \%$ multiplied by your Final Average Pay in excess of the Social |
| :--- |
| Security Integration Level (SSIL). |

$C=\quad$ Your total years of Benefit Service (not to exceed thirty-five (35) years).

Early Retirement Benefit. You are eligible to retire and receive an early retirement benefit if you have reached the age of fifty-five (55) and completed at least fifteen (15) years of Credited Service.

## IBEW Local 1638 and Local 44 Generation Asset Employees:

If you were a participant in the Plan prior to January 1, 1993 and retire on or after that date after you reach age 55 and complete 15 years of Credited Service, you will be entitled to receive the greater of the early retirement benefit calculated using the formula described below or the early retirement benefit using the factors set forth in the Early Retirement Benefit Factor Table found in Appendix J.

## Early Retirement Reduction Formula:

Your normal retirement benefit will be determined using your Final Average Pay and your years of Benefit Service at your early retirement date. Your normal retirement benefit will then be reduced in accordance with the following:

- If you retire between the ages of 62 and 65 with 30 or more years of Credited Service, there will be no reduction to your normal retirement benefit.
- If you retire between the ages of 60 and 62 with 30 or more years of Credited Service,
- There will be no reduction to your normal retirement benefit between the ages of 62 and 65 ; and
- Your normal retirement benefit will be reduced by $5 / 9$ of $1 \%$ for every month between the date that your benefits begin and your 62nd birthday.
- If you have not reached age 60 , or have fewer than 30 years (but at least 15 years) of Credited Service, your normal retirement benefit will be reduced as follows:
- If benefit payments begin on or after you reach age 62 , your benefit will be reduced by $1 / 4$ of $1 \%$ for every month between the date that your benefits begin and your 65th birthday.
- If benefit payments begin before you reach age 62 , your benefit will be reduced by $9 \%$ for the period from age 62 to age 65 and further reduced by $5 / 9$ of $1 \%$ for every month between the date that your benefits begin and your 62nd birthday.


## Northwestern Resources Company Employees:

Your early retirement benefit will be determined solely by using the early retirement reduction formula described above. You are not eligible to receive an early retirement benefit determined by using the factors displayed in the Early Retirement Benefit Factor Table in Appendix J.

Late Retirement Benefit. If you retire after your Normal Retirement Date, you will receive a traditional pension benefit that takes into account your continued service and compensation earned through your retirement date. If you continue to work past your Normal Retirement Date but work fewer than forty (40) hours per month (as determined by the Plan Administrator under Department of Labor regulations), then you will receive a monthly pension during the period of such part-time service.

## Required Commencement of Benefits

You will be required to begin receiving benefit payments from the Plan by April 1 of the later of the calendar year following the year in which you reach age seventy two (72) or seventy and one-half ( $701 / 2$ ) if you were born prior to July 1,1949 or the calendar year in which you retire.

## BENEFIT PAYMENT

## HOW YOUR BENEFIT IS PAID

When you retire, you may elect a Single Life Annuity or a $50 \%, 75 \%$ or $100 \%$ Joint and Survivor Annuity, as described in the section for Cash Balance Participants entitled
"Benefit Payment." The Single or Joint and Survivor Annuity, with Lump Sum Death Benefit payment option is not available to you.

## PRE-RETIREMENT DEATH BENEFITS

The Plan can provide protection for your Spouse if you die before you retire. If you are not married, you are not eligible for pre-retirement death benefits. Here's how preretirement death benefits are paid to your Spouse:

- If, when you died, you qualified for normal or early retirement, your Spouse will receive a monthly benefit in an amount equal to half ( $1 / 2$ ) of the annuity benefit that would have been paid to you under the Fifty Percent (50\%) Joint and Survivor Annuity payment option had you retired on the first of the month in which you died. Benefit payments to your Spouse will begin on the first day of the month following your death and will be payable for the remainder of his or her lifetime.
- If, when you died, you had not yet qualified for early or normal retirement, but you had a vested benefit, your Spouse will receive a monthly benefit in an amount equal to half $(1 / 2)$ of the benefit that would have been paid to you under the Fifty Percent (50\%) Joint and Survivor Annuity payment option when you reached age sixty-five (65). Benefit payments to your Spouse will begin on the first day of the month following when you would have reached age sixty-five (65) and will be payable for the remainder of his or her lifetime.


## GENERAL INFORMATION ABOUT THE PLAN

The following summarizes general information that applies to all participants in the Plan.

## STATEMENTS

While you are actively working for the Company you will receive a periodic statement of your accrued benefit in the Plan. This statement will assist you in tracking the growth of your benefit and in planning for your retirement. Please contact the Plan Administrator immediately if you believe there may be an error in your statement. The statement is intended to allow you to see how your benefit grows, but if there is a discrepancy between your statement and the benefit provided under the terms of the Plan, the Plan will control.

## HOW TO APPLY FOR BENEFITS

To apply for benefits under the Plan, you must submit written notification of the effective date of your retirement along with your request for a determination of your benefit under the Plan to the Plan Administrator. To the extent possible, your letter of notification and request should be submitted at least ninety (90) days prior to the effective date of your retirement. Upon receipt of your notice, you will be provided with the appropriate forms and other documents necessary to process your application for benefits.

## SUSPENSION OF BENEFITS

Late Retirement - If you continue employment with the Company beyond your Normal Retirement Date (the first day of the month coincident with or next following your sixtyfifth ( $65^{\text {th }}$ ) birthday), payment of your benefits under the Plan that would normally commence as of that date will be suspended. When you terminate employment with the Company, you can elect to commence benefit payments at that time. While you remain employed with the Company, your cash balance account will continue to be credited with pay and interest credits, as described under the heading "How Your Account Will Grow".
NOTE: A Participant receiving benefits under the Company's long term disability plan will be considered to be in continued employment for purposes of suspension of benefits. See "Disability" on page 8 for additional information.

Rehire - If you retire and begin receiving benefits under the Plan, and you are rehired, payment of your benefits under the Plan will be suspended if you are working at least forty (40) hours per month. These provisions of the Plan are complicated, and you should request more information from the Plan Administrator if you believe this situation may apply to you.

## BENEFIT CLAIM REVIEW PROCEDURE

Benefits generally will be paid to you or your beneficiary only after a proper written claim has been filed with the Plan Administrator. If you believe you may be entitled to benefits, or if you disagree with any determination that has been made, you may present a claim to the Plan Administrator.

## Making a Claim

Your claim must be written and must be delivered to the Plan Administrator. Within ninety (90) days after you deliver your claim, you will receive either: (a) a decision; or (b) a notice describing special circumstances requiring a specified amount of additional time (but no more than one hundred eighty (180) days from the day you delivered your claim) to reach a decision.

If your claim is wholly or partially denied, you will receive a written notice specifying: (a) the reasons for denial; (b) the Plan provisions on which the denial is based; and (c) any additional information needed from you about the claim and the reason such information is needed. You also will receive information about your right to request a review.

## Requesting Review of a Denied Claim

You may request that a denied claim be reviewed. Your request for review must be written and must be delivered to the Plan Administrator within sixty (60) days after you receive the written notice that your claim was denied. Your request to review may (but is not required to) include issues and comments you want considered in the review. You may examine pertinent Plan documents by asking the Plan Administrator. Within sixty (60) days after you deliver your request for review, you will receive either: (a) a decision; or (b) a notice describing special circumstances requiring a specified amount of additional time (but no more than one hundred twenty (120) days from the day you delivered your request for review) to reach a decision. The decision will be in writing and will specify the Plan provisions on which it is based.

## In General

All decisions on claims and on reviews of denied claims will be made by the Employee Benefits Administration Committee (the "Committee"). You may, at your own expense, have an attorney or other representative act on your behalf, but the Committee reserves the right to require a written authorization. The Committee also reserves the right to delegate its authority to make the decision.

To be considered timely under the Plan's Claims Procedures, your claim must be filed within one (1) year after you knew or reasonably should have known of the principal facts upon which the claim is based. Knowledge of all facts that you knew or reasonably should have known will be imputed to your beneficiary or other claimant for the purpose of applying this deadline.

The exhaustion of the Plan's claims procedures is mandatory for resolving every claim and dispute arising under this Plan. As to such claims and disputes: (a) you may not commence any legal action to recover Plan benefits or to enforce or clarify rights under the Plan under Section 502 or Section 510 of ERISA or under any other provision of law, whether or not statutory, until the claims procedures have been exhausted in their entirety; and (b) in any such legal action all explicit and all implicit determinations by the Committee (including, but not limited to, determinations as to whether the claim, or a request for a review of a denied claim, was timely filed) will be afforded the maximum deference permitted by law.

You may not bring any legal action to recover Plan benefits or to enforce or clarify rights under the Plan under Section 502 or Section 510 of ERISA or under any other provision of law, whether or not statutory, on any matter pertaining to this Plan unless the legal action is commenced in the proper forum before the earlier of: (a) thirty (30) months after you knew or reasonably should have known of the principal facts on which the claim is based, or (b) six (6) months after you exhausted the claims procedure under this Plan. Knowledge of all facts that you knew or reasonably should have known will be imputed to your beneficiary or other claimant for the purpose of applying the previously specified periods. Any proceeding arising out of or relating to the Plan shall be adjudicated in the federal courts for the District of South Dakota or in the courts of the State of South Dakota located in the district embraced by the federal courts for the District of South Dakota.

The Committee and all persons determining or reviewing claims have full discretion to determine benefit claims under the Plan. Any interpretation, determination or other action of such persons will be subject to review only if it is arbitrary or capricious or otherwise an abuse of discretion. Any review of a final decision or action of the persons reviewing a claim will be based only on such evidence presented to or considered by such persons at the time they made the decision that is the subject of review.

## OVERPAYMENTS

The Plan and the Committee have the right to correct and recoup any benefit overpayments to participants.

## BENEFITS UPON REHIRE OR TRANSFER TO ANOTHER COMPANY LOCATION

The rules regarding participation and accruals under the Plan for re-hired and transferring employees are very complicated. In general, no one may enter or re-enter the Plan after October 2, 2008. Please contact the Plan Administrator for more information if you have questions about how these rules may apply to you.

## COLLECTIVE BARGAINING UNIT

If you are employed and represented by a collective bargaining unit, you will be eligible to participate in the Plan only to the extent your participation is specifically provided for in a collective bargaining agreement that is negotiated with the Company.

## FUNDING THE PLAN

The Company is committed to adequately funding the Plan over the long-term. The Company has set up a pension trust in which money will be set aside to provide the retirement benefits determined under the Plan. The Company makes regular payments to the trust, which may be invested for future payment of benefits. An independent actuary determines the amount of contributions to be made to the Plan.

The money in the trust contributed by the Company is not held in the name of any one participant. Instead, when a participant retires and it is time to begin the participant's pension payments, money contributed by the Company and earnings will be taken from the trust and used to provide benefits. The Plan is able to pay your pension benefits provided that it is sufficiently funded.

If the Plan's funding levels fall below certain levels specified in the Internal Revenue Code, benefit accruals may be frozen and certain distributions (for example, lump sum distributions) may be restricted or unavailable. If this happens, the Plan Administrator will notify affected participants.

## ERISA RIGHTS

As a participant in the Plan, you are entitled to certain rights and protections under the Employee Retirement Income Security Act of 1974 (ERISA). ERISA provides that all Plan participants shall be entitled to:

## Receive Information About Your Plan and Benefits

- Examine, without charge, at the Plan Administrator's office and at other specified locations, such as worksites and union halls, all documents governing the Plan, including insurance contracts and collective bargaining agreements, and a copy of the latest annual report (Form 5500 Series) filed by the plan with the U.S. Department of Labor and available at the Public Disclosure Room of the Employee Benefits Security Administration.
- Obtain, upon written request to the Plan Administrator, copies of documents governing the operation of the Plan, including insurance contracts and collective bargaining agreements, and copies of the latest annual report (Form 5500 Series) and updated summary plan description. The administrator may make a reasonable charge for the copies.
- Receive a summary of the Plan's annual financial report. The Plan Administrator is required by law to furnish each participant with a copy of this summary annual report.
- Obtain a statement telling you whether you have a right to receive a pension at normal retirement age (age sixty-five (65)) and if so, what your benefits would be at normal retirement age if you stop working under the Plan now. If you do not have a right to a pension, the statement will tell you how many more years you
have to work to get a right to a pension. This statement must be requested in writing and is not required to be given more than once every twelve (12) months. The Plan must provide the statement free of charge.

Prudent Actions by Plan Fiduciaries. In addition to creating rights for Plan participants, ERISA imposes duties upon the people who are responsible for the operation of the employee benefit plan. The people who operate your plan, called "fiduciaries" of the Plan, have a duty to do so prudently and in the interest of you and other Plan participants and beneficiaries. No one, including your employer, your union, or any other person, may fire you or otherwise discriminate against you in any way to prevent you from obtaining a pension benefit or exercising your rights under ERISA.

Enforce Your Rights. If your claim for a pension benefit is denied or ignored, in whole or in part, you have a right to know why this was done, to obtain copies of documents relating to the decision without charge, and to appeal any denial, all within certain time schedules.

Under ERISA, there are steps you can take to enforce the above rights. For instance, if you request a copy of Plan documents or the latest annual report from the plan and do not receive them within thirty (30) days, you may file suit in a Federal court. In such a case, the court may require the Plan Administrator to provide the materials and pay you up to $\$ 147$ a day until you receive the materials, unless the materials were not sent because of reasons beyond the control of the administrator. If you have a claim for benefits which is denied or ignored, in whole or in part, you may file suit in a state or Federal court. In addition, if you disagree with the Plan's decision or lack thereof concerning the qualified status of a domestic relations order or a medical child support order, you may file suit in Federal court. If it should happen that Plan fiduciaries misuse the Plan's money, or if you are discriminated against for asserting your rights, you may seek assistance from the U.S. Department of Labor, or you may file suit in a Federal court. The court will decide who should pay court costs and legal fees. If you are successful the court may order the person you have sued to pay these costs and fees. If you lose, the court may order you to pay these costs and fees, for example, if it finds your claim is frivolous.

Assistance with Your Questions. If you have any questions about your Plan, you should contact the Plan Administrator. If you have any questions about this statement or about your rights under ERISA, or if you need assistance in obtaining documents from the plan administrator, you should contact the nearest office of the Employee Benefits Security Administration, U.S. Department of Labor, listed in your telephone directory or the Division of Technical Assistance and Inquiries, Employee Benefits Security Administration, U.S. Department of Labor, 200 Constitution Avenue N.W., Washington, D.C. 20210. You may also obtain certain publications about your rights and responsibilities under ERISA by calling the publications hotline of the Employee Benefits Security Administration.

## RIGHTS OF EMPLOYER

The Company has the right to terminate the Plan completely. In the event of such termination, the Plan allocates any monies remaining in the trust at that time. The vested rights of participants in the Plan to benefits which they have accrued up to the date of the termination are protected to the extent described in the "Termination of the Plan" section of this Summary.

## PLAN YEAR

The Plan Year is the twelve (12) month period beginning on January 1 of each year and ending on December 31.

## TAXATION OF YOUR BENEFIT

## Annuity Benefit Payments

The monthly annuity benefit payments that you receive from the Plan will be reported as taxable income to you in the year in which they are paid to you.

## Lump Sum Distributions

A lump sum distribution from the Plan is generally reported as taxable income to you in the year in which it is distributed. In addition, if you are under the age of fifty-nine and one-half ( $591 / 2$ ), the distribution may also be subject to a ten percent ( $10 \%$ ) excise penalty that is imposed by the Internal Revenue Service (IRS). However, you may defer the payment of taxes and penalties on your lump sum distribution by electing to rollover the distribution into an Individual Retirement Account (IRA) or another tax-qualified plan.

You will receive more information about this option at the time you become eligible for a distribution. You should always consult with a qualified professional tax advisor regarding your individual tax situation.

## DIRECT ROLLOVER OF CERTAIN DISTRIBUTIONS

Any distribution to you which is an eligible rollover distribution as described below may be rolled over into an individual retirement plan or another qualified plan. This may be done by a direct rollover, in which the Plan Administrator pays your eligible rollover distribution to an IRA or other qualified plan. You can also complete a rollover by delivering the amount of a distribution that you receive to an IRA or other qualified plan within sixty (60) days of the distribution. Any portion of an eligible rollover distribution which is rolled over will not be taxed until the time it is distributed from the transferee plan. In most cases, you will want to implement the rollover as a direct rollover, to avoid tax withholding on the amount.

Any eligible rollover distribution which is not made through a direct rollover transfer from the Plan to a transferee plan (for example, an individual retirement plan or other qualified retirement plan) is subject to twenty percent (20\%) withholding. Tax rules
permit you to make a contribution from your own funds to the transferee plan equal to the withheld amount, if you do so within sixty (60) days of the distribution. If you choose not to rollover the withheld amount from your own funds, then the withheld amount is included in your gross income for the year of the distribution. You avoid the need to contribute any out of pocket rollover amount by instructing the Plan Administrator to arrange a plan to plan direct rollover. Your beneficiary can also make a rollover, except that if your beneficiary is not your Spouse, he or she can only do so by means of a direct rollover.

An eligible rollover distribution is the taxable portion of any distribution to you from the Plan, except:
(1) a distribution made to you when you are over seventy two (72) years of age or seventy and one-half ( $701 / 2$ ) years of age if born prior to July 1 , 1949, which is required under the minimum distribution rules of the Internal Revenue Code, or
(2) any distribution which is one (1) of a series of substantially equal periodic payments (for example, at least once a year in frequency) made over your life expectancy, or the life expectancy of you and your beneficiary, or made for a specified period of at least ten (10) years.

## MILITARY LEAVE

If you are on a leave for qualifying military service, you will be credited with Service during the period of your leave, provided you return to employment with the Company while your reemployment rights are protected under federal law. You will be treated as having received compensation from the Company based on the rate of compensation you would have received during your period of qualifying military service, or if that rate is not reasonably certain, on the basis of your average rate of compensation during the twelve (12) month period immediately preceding the leave. If you die while performing qualifying military service, you are treated as having returned to work before your death. Benefits will be provided under this section in accordance with and to the extent required by federal law.

## BENEFIT LIMITATIONS

Your benefits are subject to the limitations of the Internal Revenue Code. The Code limits the amount of pension benefit which may be paid to a participant under a defined benefit plan. You cannot receive a yearly pension benefit of more than either a dollar amount (which is $\$ 245,000$ for calendar year 2022) or one hundred percent ( $100 \%$ ) of your three (3) highest-paid years' earnings, whichever is less. This pension benefit limitation is reduced for each year your Retirement Date precedes your Social Security Retirement Age. In addition, the Code limits the amount of compensation that can be taken into account in determining your benefit. This limit is $\$ 305,000$ for calendar year 2022. These limitations may be changed from time to time by the Secretary of the Treasury. See also the limitations described in the section titled "Funding the Plan."

## INTERPRETATION OF THE PLAN

The Employee Benefits Administration Committee, as the named fiduciary of the Plan, has full power, discretion and authority to administer the Plan and to interpret its provisions.

## YOUR EMPLOYMENT

Your eligibility or your rights to benefits under this Plan should not be interpreted as any guarantee of employment between you and the Company.

## ASSIGNMENT OF YOUR BENEFITS

Your Plan benefits generally may not be sold, transferred, used as collateral for a loan, given away, or otherwise assigned. Also, creditors may generally not attach, garnish, or otherwise interfere with your benefits. However, special procedures will apply if a state domestic relations or family court issues a qualified domestic relations order, as defined under ERISA and the Internal Revenue Code, relating to your Plan benefits. This order may specify who is to receive all or part of your benefits under the Plan. Such a judgment must:
(1) relate to the provision of child support, alimony payments, or marital property rights; and
(2) be made according to a state domestic relations law.

A qualified domestic relations order cannot require the Plan to pay benefits that are not otherwise available to you under the Plan.

The Plan Administrator will promptly notify you if it receives any order from a state court which may affect your benefits. You should contact the Plan Administrator if you begin divorce proceedings. The Plan Administrator can provide you with a model order and procedures explaining how the Plan Administrator processes domestic relations orders.

If you or your beneficiary is unable to care for your own affairs, any benefit due to you may be paid to someone who has been legally authorized to conduct your affairs.

## AMENDMENT OR TERMINATION OF THE PLAN

Although the Company intends to continue the Plan, the Plan remains completely voluntary and can be amended or terminated at any time. If the Plan is terminated in part or in full, affecting you, you will become one hundred percent (100\%) vested in your benefit. To the extent allowed by law, any changes to the Plan may affect active and former employees as well as beneficiaries.

If the Plan ends and there is not enough money in the trust to provide for the full benefit for each Plan participant, certain vested benefits will be guaranteed under ERISA through the Pension Benefit Guaranty Corporation (PBGC).

Generally, the PBGC guarantees most vested Normal Retirement Age benefits, Early Retirement benefits, and certain disability and survivor pensions. However, the PBGC does not guarantee all types of benefits under covered plans, and the amount of benefit protection is subject to certain limitations.

The PBGC does guarantee vested benefits in the amount in effect on the date the Plan ends. However, if the Plan has been in effect less than five (5) years before it ends, or if benefits have been increased within the five (5) years before the Plan ends, the whole of the Plan's vested benefits, or the benefit increase, may not be guaranteed. In addition, there is a ceiling, which is adjusted from time to time, on the amount of monthly benefit that PBGC guarantees.

For more information on the PBGC insurance protection and its limitations, ask your Plan Administrator or the PBGC. Questions to the PBGC may be addressed to:

PBGC
PO Box 151750
Alexandria, VA 22315-1750
Or you may find additional information on the PBGC's website at www.pbgc.gov.

## ADMINISTRATIVE INFORMATION

## General

The Plan is designed to comply with ERISA and may be changed retroactively to conform to applicable Federal or State Law.

This summary should answer most questions about the Plan. If you have further questions, you may look at the actual Plan document during normal business hours. If you would like your own copy of the Plan document, you may obtain it by writing to the Plan Administrator. The Plan Administrator may charge you for copy service.

If there are any differences between the summary of the Plan contained in this Summary and the Plan document itself, the Plan document will control.

## Name of Plan

NorthWestern Energy Pension Plan

## Employer Identification Number

46-0172280

## Plan Number

101

## Plan Type

The Plan is a defined benefit pension plan.

## Plan Sponsor

NorthWestern Corporation dba NorthWestern Energy
11 E Park St
Butte, Montana 59701-1711
(406) 497-4610

Named Fiduciary and Plan Administrator
Employee Benefits Administration Committee
NorthWestern Corporation dba NorthWestern Energy
11 E Park St
Butte, Montana 59701-1711
(406) 497-4610

## Type of Administration <br> Trust

Plan Year for Fiscal Records
January 1 through December 31

## Agent for Service of Legal Process

Employee Benefits Administration Committee
NorthWestern Corporation dba NorthWestern Energy
11 E Park St
Butte, Montana 59701-1711
(406) 497-4610

Legal notices may also be served on the trustees.

## Trustee

The Northern Trust Company
1600 IDS Center
80 South Eighth Street
Minneapolis, MN 55402

## APPENDICES / TABLES

APPENDIX A
Single Life Annuity Factor Table

| Immediate Life Annuity Factor |  |  |
| :---: | :---: | :---: |
| Age | Annual | Monthly |
| 50 | 13.85 | 166.20 |
| 51 | 13.68 | 164.16 |
| 52 | 13.52 | 162.24 |
| 53 | 13.34 | 160.08 |
| 54 | 13.16 | 157.92 |
| 55 | 12.97 | 155.64 |
| 56 | 12.77 | 153.24 |
| 57 | 12.57 | 150.84 |
| 58 | 12.35 | 148.20 |
| 59 | 12.13 | 145.56 |
| 60 | 11.90 | 142.80 |
| 61 | 11.67 | 140.04 |
| 62 | 11.42 | 137.04 |
| 63 | 11.17 | 134.04 |
| 64 | 10.91 | 130.92 |
| 65 | 10.65 | 127.80 |

For more age-related factors, please contact the Company's Benefits department at (888) 236-6656.

## APPENDIX B

Single Life Annuity
with Post-Retirement Death Benefit Factor Table

| Age | Annual | Monthly |
| :---: | :---: | :---: |
| 50 | .9787 | .9787 |
| 51 | .9770 | .9770 |
| 52 | .9752 | .9752 |
| 53 | .9733 | .9733 |
| 54 | .9712 | .9712 |
| 55 | .9689 | .9689 |
| 56 | .9664 | .9664 |
| 57 | .9636 | .9636 |
| 58 | .9605 | .9605 |
| 59 | .9571 | .9571 |
| 60 | .9533 | .9533 |
| 61 | .9492 | .9492 |
| 62 | .9446 | .9446 |
| 63 | .9397 | .9397 |
| 64 | .9343 | .9343 |
| 65 | .9284 | .9284 |

For more age-related factors, please contact the Company's Benefits department at (888) 236-6656.

## APPENDIX C

## 50\% Joint and Survivor Annuity Factor Table Pensioner's Age 50 to 65 and Beneficiary's Age 45 to 65

| PENSIONER AGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 |
|  | 45 | . 9475 | . 9430 | . 9381 | . 9329 | . 9273 | . 9213 | . 9149 | . 9080 | . 9006 | . 8927 | . 8844 | . 8754 | . 8659 | . 8559 | . 8452 | . 8340 |
|  | 46 | . 9495 | . 9450 | . 9403 | . 9352 | . 9297 | . 9238 | . 9175 | . 9107 | . 9034 | . 8956 | . 8873 | . 8785 | . 8691 | . 8591 | . 8486 | . 8374 |
|  | 47 | . 9514 | . 9471 | . 9425 | . 9375 | . 9321 | . 9263 | . 9201 | . 9134 | . 9063 | . 8986 | . 8904 | . 8817 | . 8724 | . 8625 | . 8520 | . 8410 |
|  | 48 | . 9534 | . 9492 | . 9447 | . 9398 | . 9345 | . 9289 | . 9228 | . 9162 | . 9092 | . 9016 | . 8936 | . 8849 | . 8757 | . 8659 | . 8555 | .. 8446 |
|  | 49 | . 9553 | . 9513 | . 9469 | . 9421 | . 9370 | . 9314 | . 9255 | . 9191 | . 9122 | . 9047 | . 8968 | . 8882 | . 8791 | . 8695 | . 8592 | . 8483 |
|  | 50 | . 9573 | . 9533 | . 9491 | . 9444 | . 9394 | . 9341 | . 9282 | . 9219 | . 9152 | . 9079 | . 9000 | . 8916 | . 8827 | . 8731 | . 8630 | . 8522 |
| $\checkmark$ | 51 | . 9592 | . 9554 | . 9513 | . 9468 | . 9419 | . 9367 | . 9310 | . 9248 | . 9182 | . 9111 | . 9034 | . 8951 | . 8863 | . 8768 | . 8668 | . 8562 |
| 4 | 52 | . 9611 | . 9574 | . 9534 | . 9491 | . 9444 | . 9393 | . 9338 | . 9278 | . 9213 | . 9143 | . 9067 | . 8986 | . 8899 | . 8807 | . 8708 | . 8602 |
| $\gtrless$ | 53 | . 9630 | . 9595 | . 9556 | . 9514 | . 9469 | . 9419 | . 9366 | . 9307 | . 9244 | . 9176 | . 9102 | . 9022 | . 8937 | . 8846 | . 8748 | . 8644 |
| - | 54 | . 9649 | . 9615 | . 9578 | . 9537 | . 9493 | . 9445 | . 9393 | . 9337 | . 9275 | . 9209 | . 9137 | . 9059 | . 8975 | . 8885 | . 8789 | . 8687 |
| O | 55 | . 9667 | . 9635 | . 9599 | . 9560 | . 9518 | . 9472 | . 9421 | . 9366 | . 9307 | . 9242 | . 9172 | . 9096 | . 9014 | . 8926 | . 8832 | . 8731 |
| III | 56 | . 9685 | . 9654 | . 9620 | . 9583 | . 9542 | . 9498 | . 9449 | . 9396 | . 9338 | . 9275 | . 9207 | . 9133 | . 9053 | . 8967 | . 8875 | . 8776 |
| 己 | 57 | . 9703 | . 9673 | . 9641 | . 9605 | . 9566 | . 9523 | . 9477 | . 9425 | . 9370 | . 9309 | . 9242 | . 9170 | . 9092 | . 9008 | . 8918 | . 8822 |
| 岗 | 58 | . 9720 | . 9692 | . 9661 | . 9627 | . 9590 | . 9549 | . 9504 | . 9455 | . 9401 | . 9342 | . 9278 | . 9208 | . 9132 | . 9050 | . 8962 | . 8868 |
| - | 59 | . 9737 | . 9710 | . 9680 | . 9648 | . 9613 | . 9574 | . 9531 | . 9484 | . 9432 | . 9375 | . 9313 | . 9246 | . 9172 | . 9093 | . 9007 | . 8915 |
|  | 60 | . 9753 | . 9728 | . 9700 | . 9669 | . 9635 | . 9598 | . 9557 | . 9512 | . 9462 | . 9408 | . 9348 | . 9283 | . 9212 | . 9135 | . 9052 | . 8962 |
|  | 61 | . 9769 | . 9745 | . 9718 | . 9689 | . 9657 | . 9622 | . 9583 | . 9540 | . 9493 | . 9441 | . 9383 | . 9320 | . 9252 | . 9177 | . 9097 | . 9010 |
|  | 62 | . 9784 | . 9761 | . 9736 | . 9709 | . 9679 | . 9645 | . 9609 | . 9568 | . 9522 | . 9473 | . 9418 | . 9357 | . 9292 | . 9220 | . 9142 | . 9057 |
|  | 63 | . 9798 | . 9777 | . 9754 | . 9728 | . 9700 | . 9668 | . 9633 | . 9594 | . 9551 | . 9504 | . 9452 | . 9394 | . 9331 | . 9262 | . 9186 | . 9105 |
|  | 64 | . 9812 | . 9792 | . 9771 | . 9746 | . 9720 | . 9690 | . 9657 | . 9620 | . 9580 | . 9535 | . 9485 | . 9430 | . 9369 | . 9303 | . 9231 | . 9152 |
|  | 65 | . 9825 | . 9807 | . 9787 | . 9764 | . 9739 | . 9711 | . 9680 | . 9646 | . 9607 | . 9564 | . 9517 | . 9465 | . 9407 | . 9344 | . 9274 | . 9199 |

Taken from the 6\% GAM Unisex Table.
For more age-related factors, contact the Company's Benefits department at (888) 2366656.

## APPENDIX D

50\% Joint and Survivor Annuity with Post-Retirement Death Benefit Factor Table

Pensioner's Age 50 to 65 and Beneficiary's Age 45 to 65

| PENSIONER AGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 |
|  | 45 | . 9435 | . 9388 | . 9338 | . 9284 | . 9226 | . 9164 | . 9098 | . 9028 | . 8953 | . 8873 | . 8786 | . 8695 | . 8599 | . 8496 | . 8389 | . 8274 |
|  | 46 | . 9452 | . 9407 | . 9357 | . 9303 | . 9247 | . 9186 | . 9120 | . 9051 | . 8977 | . 8898 | . 8812 | . 8722 | . 8625 | . 8524 | . 8416 | . 8304 |
|  | 47 | . 9470 | . 9424 | . 9375 | . 9323 | . 9267 | . 9207 | . 9143 | . 9075 | . 9001 | . 8922 | . 8838 | . 8748 | . 8652 | . 8551 | . 8445 | . 8332 |
|  | 48 | . 9486 | . 9441 | . 9393 | . 9343 | . 9288 | . 9229 | . 9166 | . 9098 | . 9025 | . 8948 | . 8863 | . 8775 | . 8681 | . 8581 | . 8475 | . 8363 |
|  | 49 | . 9503 | . 9459 | . 9412 | . 9363 | . 9309 | . 9252 | . 9189 | . 9122 | . 9049 | . 8974 | . 8890 | . 8804 | . 8710 | . 8609 | . 8505 | . 8394 |
|  | 50 | . 9519 | . 9478 | . 9431 | . 9383 | . 9331 | . 9273 | . 9212 | . 9147 | . 9075 | . 8999 | . 8918 | . 8831 | . 8738 | . 8640 | . 8535 | . 8425 |
| Ј | 51 | . 9535 | . 9494 | . 9450 | . 9402 | . 9351 | . 9294 | . 9235 | . 9171 | . 9101 | . 9025 | . 8945 | . 8860 | . 8767 | . 8671 | . 8567 | . 8457 |
| ¢ | 52 | . 9552 | . 9512 | . 9469 | . 9421 | . 9371 | . 9317 | . 9258 | . 9195 | . 9126 | . 9052 | . 8974 | . 8889 | . 8798 | . 8701 | . 8599 | . 8491 |
| خ | 53 | . 9568 | . 9528 | . 9486 | . 9441 | . 9391 | . 9338 | . 9280 | . 9219 | . 9152 | . 9078 | . 9000 | . 8918 | . 8828 | . 8732 | . 8631 | . 8524 |
| ¢ | 54 | . 9583 | . 9544 | . 9504 | . 9460 | . 9412 | . 9359 | . 9303 | . 9242 | . 9176 | . 9105 | . 9028 | . 8946 | . 8859 | . 8764 | . 8664 | . 8557 |
| $\bar{\square}$ | 55 | . 9597 | . 9560 | . 9521 | . 9478 | . 9431 | . 9380 | . 9326 | . 9267 | . 9201 | . 9132 | . 9056 | . 8975 | . 8888 | . 8796 | . 8697 | . 8593 |
| III | 56 | . 9612 | . 9576 | . 9538 | . 9496 | . 9450 | . 9400 | . 9348 | . 9289 | . 9226 | . 9158 | . 9084 | . 9004 | . 8919 | . 8827 | . 8730 | . 8626 |
| Z | 57 | . 9625 | . 9591 | . 9553 | . 9513 | . 9469 | . 9421 | . 9368 | . 9312 | . 9250 | . 9182 | . 9111 | . 9033 | . 8950 | . 8859 | . 8763 | . 8660 |
| ய | 58 | . 9638 | . 9605 | . 9568 | . 9529 | . 9486 | . 9440 | . 9389 | . 9334 | . 9273 | . 9209 | . 9137 | . 9062 | . 8980 | . 8891 | . 8796 | . 8694 |
|  | 59 | . 9650 | . 9619 | . 9584 | . 9546 | . 9504 | . 9458 | . 9409 | . 9355 | . 9297 | . 9234 | . 9165 | . 9089 | . 9008 | . 8920 | . 8827 | . 8728 |
|  | 60 | . 9663 | . 9631 | . 9598 | . 9561 | . 9521 | . 9477 | . 9429 | . 9377 | . 9321 | . 9258 | . 9190 | . 9116 | . 9037 | . 8951 | . 8859 | . 8762 |
|  | 61 | . 9674 | . 9644 | . 9612 | . 9576 | . 9537 | . 9495 | . 9448 | . 9397 | . 9341 | . 9280 | . 9214 | . 9143 | . 9064 | . 8981 | . 8890 | . 8793 |
|  | 62 | . 9684 | . 9656 | . 9624 | . 9589 | . 9552 | . 9510 | . 9467 | . 9416 | . 9362 | . 9302 | . 9237 | . 9168 | . 9091 | . 9009 | . 8920 | . 8826 |
|  | 63 | . 9695 | . 9667 | . 9635 | . 9603 | . 9565 | . 9527 | . 9483 | . 9435 | . 9382 | . 9324 | . 9260 | . 9191 | . 9117 | . 9037 | . 8951 | . 8857 |
|  | 64 | . 9703 | . 9677 | . 9646 | . 9615 | . 9580 | . 9541 | . 9498 | . 9452 | . 9400 | . 9343 | . 9282 | . 9215 | . 9143 | . 9064 | . 8979 | . 8887 |
|  | 65 | . 9711 | . 9685 | . 9656 | . 9626 | . 9592 | . 9555 | . 9513 | . 9468 | . 9418 | . 9363 | . 9303 | . 9237 | . 9167 | . 9089 | . 9005 | . 8916 |

Taken from the 6\% GAM Unisex Table.
For more age-related factors, contact the Company's Benefits department at (888) 2366656.

## APPENDIX E

## 75\％Joint and Survivor Annuity Factor Table Pensioner＇s Age 50 to 65 and Beneficiary＇s Age 45 to 65

| PENSIONER AGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 |
|  | 45 | ． 9233 | ． 9168 | ． 9099 | ． 9026 | ． 8948 | ． 8864 | ． 8775 | ． 8680 | ． 8580 | ． 8473 | ． 8360 | ． 8241 | ． 8115 | ． 7983 | ． 7845 | ． 7701 |
|  | 46 | ． 9261 | ． 9197 | ． 9130 | ． 9058 | ． 8981 | ． 8899 | ． 8811 | ． 8717 | ． 8618 | ． 8512 | ． 8400 | ． 8282 | ． 8157 | ． 8026 | ． 7888 | ． 7745 |
|  | 47 | ． 9289 | ． 9227 | ． 9161 | ． 9090 | ． 9015 | ． 8934 | ． 8848 | ． 8755 | ． 8657 | ． 8553 | ． 8442 | ． 8324 | ． 8200 | ． 8070 | ． 7933 | ． 7790 |
|  | 48 | ． 9317 | ． 9257 | ． 9192 | ． 9123 | ． 9049 | ． 8970 | ． 8885 | ． 8794 | ． 8697 | ． 8594 | ． 8484 | ． 8368 | ． 8245 | ． 8115 | ． 7979 | ． 7837 |
|  | 49 | ． 9345 | ． 9286 | ． 9223 | ． 9156 | ． 9084 | ． 9006 | ． 8922 | ． 8833 | ． 8738 | ． 8636 | ． 8527 | ． 8412 | ． 8290 | ． 8162 | ． 8027 | ． 7885 |
|  | 50 | ． 9373 | ． 9316 | ． 9255 | ． 9189 | ． 9118 | ． 9042 | ． 8961 | ． 8873 | ． 8779 | ． 8679 | ． 8572 | ． 8458 | ． 8338 | ． 8210 | ． 8076 | ． 7935 |
| い | 51 | ． 9400 | ． 9345 | ． 9286 | ． 9222 | ． 9153 | ． 9079 | ． 8999 | ． 8913 | ． 8821 | ． 8723 | ． 8617 | ． 8505 | ． 8386 | ． 8260 | ． 8127 | ． 7987 |
| 4 | 52 | ． 9428 | ． 9375 | ． 9318 | ． 9256 | ． 9189 | ． 9116 | ． 9038 | ． 8954 | ． 8864 | ． 8767 | ． 8664 | ． 8553 | ． 8435 | ． 8311 | ． 8179 | ． 8041 |
| خ | 53 | ． 9455 | ． 9404 | ． 9349 | ． 9289 | ． 9224 | ． 9154 | ． 9078 | ． 8996 | ． 8907 | ． 8812 | ． 8711 | ． 8602 | ． 8486 | ． 8363 | ． 8233 | ． 8096 |
| － | 54 | ． 9482 | ． 9433 | ． 9380 | ． 9322 | ． 9259 | ． 9191 | ． 9117 | ． 9037 | ． 8951 | ． 8858 | ． 8758 | ． 8652 | ． 8537 | ． 8416 | ． 8288 | ． 8152 |
| $\overline{\text { U}}$ | 55 | ． 9509 | ． 9462 | ． 9410 | ． 9354 | ． 9294 | ． 9228 | ． 9156 | ． 9079 | ． 8995 | ． 8904 | ． 8807 | ． 8702 | ． 8590 | ． 8471 | ． 8344 | ． 8210 |
| 立 | 56 | ． 9535 | ． 9490 | ． 9441 | ． 9387 | ． 9328 | ． 9265 | ． 9196 | ． 9120 | ． 9039 | ． 8951 | ． 8856 | ． 8753 | ． 8643 | ． 8526 | ． 8402 | ． 8270 |
| 己 | 57 | ． 9561 | ． 9517 | ． 9470 | ． 9419 | ． 9363 | ． 9302 | ． 9235 | ． 9162 | ． 9083 | ． 8998 | ． 8905 | ． 8805 | ． 8698 | ． 8583 | ． 8460 | ． 8331 |
| 山і | 58 | ． 9586 | ． 9545 | ． 9500 | ． 9450 | ． 9397 | ． 9338 | ． 9274 | ． 9204 | ． 9127 | ． 9044 | ． 8954 | ． 8857 | ． 8752 | ． 8640 | ． 8520 | ． 8393 |
|  | 59 | ． 9610 | ． 9571 | ． 9528 | ． 9481 | ． 9430 | ． 9374 | ． 9312 | ． 9245 | ． 9171 | ． 9091 | ． 9004 | ． 8909 | ． 8808 | ． 8698 | ． 8581 | ． 8456 |
|  | 60 | ． 9634 | ． 9597 | ． 9556 | ． 9512 | ． 9463 | ． 9409 | ． 9350 | ． 9286 | ． 9215 | ． 9138 | ． 9053 | ． 8962 | ． 8863 | ． 8756 | ． 8642 | ． 8520 |
|  | 61 | ． 9657 | ． 9622 | ． 9583 | ． 9541 | ． 9495 | ． 9444 | ． 9388 | ． 9326 | ． 9258 | ． 9184 | ． 9102 | ． 9014 | ． 8918 | ． 8815 | ． 8704 | ． 8584 |
|  | 62 | ． 9679 | ． 9646 | ． 9610 | ． 9570 | ． 9526 | ． 9477 | ． 9424 | ． 9365 | ． 9300 | ． 9229 | ． 9151 | ． 9066 | ． 8974 | ． 8873 | ． 8765 | ． 8650 |
|  | 63 | ． 9700 | ． 9669 | ． 9635 | ． 9598 | ． 9556 | ． 9510 | ． 9460 | ． 9404 | ． 9342 | ． 9274 | ． 9199 | ． 9118 | ． 9029 | ． 8932 | ． 8827 | ． 8715 |
|  | 64 | ． 9721 | ． 9692 | ． 9660 | ． 9624 | ． 9585 | ． 9542 | ． 9494 | ． 9441 | ． 9383 | ． 9318 | ． 9247 | ． 9168 | ． 9083 | ． 8990 | ． 8889 | ． 8780 |
|  | 65 | ． 9740 | ． 9713 | ． 9683 | ． 9650 | ． 9614 | ． 9573 | ． 9528 | ． 9478 | ． 9422 | ． 9361 | ． 9293 | ． 9218 | ． 9136 | ． 9047 | ． 8950 | ． 8845 |

Taken from the 6\％GAM Unisex Table．
For more age－related factors，contact the Company＇s Benefits department at（888）236－ 6656.

## APPENDIX F

## 75\％Joint and Survivor Annuity with Post－Retirement Death Benefit Factor Table

## Pensioner＇s Age 50 to 65 and Beneficiary＇s Age 45 to 65

| PENSIONER AGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 |
|  | 45 | ． 9181 | ． 9115 | ． 9045 | ． 8969 | ． 8889 | ． 8804 | ． 8714 | ． 8617 | ． 8515 | ． 8407 | ． 8292 | ． 8172 | ． 8045 | ． 7912 | ． 7772 | ． 7628 |
|  | 46 | ． 9206 | ． 9142 | ． 9072 | ． 8997 | ． 8918 | ． 8834 | ． 8745 | ． 8650 | ． 8548 | ． 8441 | ． 8327 | ． 8206 | ． 8080 | ． 7948 | ． 7810 | ． 7665 |
|  | 47 | ． 9231 | ． 9167 | ． 9099 | ． 9026 | ． 8947 | ． 8865 | ． 8777 | ． 8682 | ． 8582 | ． 8475 | ． 8362 | ． 8243 | ． 8118 | ． 7985 | ． 7848 | ． 7703 |
|  | 48 | ． 9255 | ． 9193 | ． 9127 | ． 9055 | ． 8978 | ． 8896 | ． 8809 | ． 8716 | ． 8617 | ． 8510 | ． 8399 | ． 8280 | ． 8155 | ． 8025 | ． 7887 | ． 7743 |
|  | 49 | ． 9280 | ． 9220 | ． 9154 | ． 9083 | ． 9007 | ． 8928 | ． 8842 | ． 8750 | ． 8651 | ． 8547 | ． 8436 | ． 8320 | ． 8195 | ． 8064 | ． 7927 | ． 7785 |
|  | 50 | ． 9304 | ． 9244 | ． 9181 | ． 9112 | ． 9038 | ． 8959 | ． 8875 | ． 8784 | ． 8688 | ． 8584 | ． 8474 | ． 8358 | ． 8234 | ． 8105 | ． 7968 | ． 7827 |
| い | 51 | ． 9329 | ． 9271 | ． 9208 | ． 9141 | ． 9068 | ． 8991 | ． 8908 | ． 8819 | ． 8723 | ． 8621 | ． 8513 | ． 8398 | ． 8275 | ． 8147 | ． 8011 | ． 7869 |
| 4 | 52 | ． 9353 | ． 9296 | ． 9234 | ． 9169 | ． 9098 | ． 9023 | ． 8942 | ． 8854 | ． 8759 | ． 8659 | ． 8551 | ． 8438 | ． 8317 | ． 8188 | ． 8055 | ． 7913 |
| ¢ | 53 | ． 9377 | ． 9322 | ． 9261 | ． 9197 | ． 9128 | ． 9053 | ． 8974 | ． 8888 | ． 8796 | ． 8697 | ． 8590 | ． 8479 | ． 8359 | ． 8232 | ． 8099 | ． 7959 |
| － | 54 | ． 9400 | ． 9346 | ． 9288 | ． 9226 | ． 9159 | ． 9085 | ． 9007 | ． 8923 | ． 8833 | ． 8735 | ． 8631 | ． 8519 | ． 8402 | ． 8277 | ． 8144 | ． 8007 |
| ত্র | 55 | ． 9422 | ． 9370 | ． 9314 | ． 9254 | ． 9188 | ． 9116 | ． 9040 | ． 8958 | ． 8868 | ． 8774 | ． 8671 | ． 8561 | ． 8444 | ． 8322 | ． 8191 | ． 8053 |
| III | 56 | ． 9445 | ． 9394 | ． 9339 | ． 9281 | ． 9217 | ． 9147 | ． 9073 | ． 8993 | ． 8905 | ． 8812 | ． 8710 | ． 8603 | ． 8490 | ． 8367 | ． 8237 | ． 8100 |
| 己 | 57 | ． 9465 | ． 9418 | ． 9364 | ． 9307 | ． 9245 | ． 9178 | ． 9105 | ． 9027 | ． 8942 | ． 8848 | ． 8750 | ． 8646 | ． 8531 | ． 8412 | ． 8284 | ． 8149 |
| 山і | 58 | ． 9487 | ． 9439 | ． 9388 | ． 9334 | ． 9272 | ． 9208 | ． 9137 | ． 9059 | ． 8977 | ． 8888 | ． 8791 | ． 8687 | ． 8576 | ． 8457 | ． 8330 | ． 8197 |
|  | 59 | ． 9507 | ． 9461 | ． 9412 | ． 9358 | ． 9300 | ． 9237 | ． 9168 | ． 9092 | ． 9013 | ． 8925 | ． 8830 | ． 8728 | ． 8618 | ． 8502 | ． 8377 | ． 8245 |
|  | 60 | ． 9525 | ． 9482 | ． 9434 | ． 9382 | ． 9326 | ． 9265 | ． 9198 | ． 9126 | ． 9047 | ． 8961 | ． 8869 | ． 8768 | ． 8661 | ． 8546 | ． 8424 | ． 8293 |
|  | 61 | ． 9544 | ． 9502 | ． 9457 | ． 9406 | ． 9352 | ． 9292 | ． 9228 | ． 9157 | ． 9081 | ． 8996 | ． 8907 | ． 8809 | ． 8704 | ． 8590 | ． 8469 | ． 8343 |
|  | 62 | ． 9561 | ． 9521 | ． 9477 | ． 9429 | ． 9375 | ． 9320 | ． 9257 | ． 9188 | ． 9114 | ． 9032 | ． 8943 | ． 8848 | ． 8744 | ． 8635 | ． 8517 | ． 8391 |
|  | 63 | ． 9578 | ． 9539 | ． 9497 | ． 9450 | ． 9401 | ． 9345 | ． 9283 | ． 9217 | ． 9145 | ． 9066 | ． 8980 | ． 8886 | ． 8785 | ． 8677 | ． 8562 | ． 8437 |
|  | 64 | ． 9594 | ． 9556 | ． 9515 | ． 9471 | ． 9423 | ． 9369 | ． 9310 | ． 9246 | ． 9175 | ． 9098 | ． 9014 | ． 8924 | ． 8825 | ． 8720 | ． 8605 | ． 8484 |
|  | 65 | ． 9609 | ． 9573 | ． 9533 | ． 9491 | ． 9443 | ． 9392 | ． 9334 | ． 9272 | ． 9205 | ． 9129 | ． 9047 | ． 8960 | ． 8864 | ． 8760 | ． 8648 | ． 8531 |

Taken from the 6\％GAM Unisex Table．
For more age－related factors，contact the Company＇s Benefits department at（888）236－ 6656.

## APPENDIX G

## 100\％Joint and Survivor Annuity Factor Table Pensioner＇s Age 50 to 65 and Beneficiary＇s Age 45 to 65

| PENSIONER AGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 |
|  | 45 | ． 9002 | ． 8921 | ． 8834 | ． 8742 | ． 8644 | ． 8541 | ． 8431 | ． 8315 | ． 8192 | ． 8063 | ． 7927 | ． 7784 | ． 7636 | ． 7481 | ． 7320 | ． 7153 |
|  | 46 | ． 9038 | ． 8958 | ． 8873 | ． 8782 | ． 8686 | ． 8584 | ． 8475 | ． 8360 | ． 8238 | ． 8110 | ． 7975 | ． 7833 | ． 7685 | ． 7530 | ． 7370 | ． 7203 |
|  | 47 | ． 9073 | ． 8995 | ． 8912 | ． 8823 | ． 8728 | ． 8627 | ． 8520 | ． 8407 | ． 8286 | ． 8159 | ． 8025 | ． 7884 | ． 7736 | ． 7582 | ． 7422 | ． 7256 |
|  | 48 | ． 9109 | ． 9033 | ． 8951 | ． 8864 | ． 8771 | ． 8672 | ． 8566 | ． 8454 | ． 8335 | ． 8209 | ． 8076 | ． 7936 | ． 7789 | ． 7635 | ． 7476 | ． 7310 |
|  | 49 | ． 9145 | ． 9070 | ． 8991 | ． 8906 | ． 8814 | ． 8717 | ． 8613 | ． 8503 | ． 8385 | ． 8260 | ． 8128 | ． 7990 | ． 7844 | ． 7691 | ． 7531 | ． 7366 |
|  | 50 | ． 9181 | ． 9108 | ． 9031 | ． 8947 | ． 8858 | ． 8763 | ． 8661 | ． 8552 | ． 8436 | ． 8313 | ． 8182 | ． 8045 | ． 7900 | ． 7748 | ． 7589 | ． 7425 |
| $\stackrel{\square}{\top}$ | 51 | ． 9216 | 9146 | ． 9070 | ． 8989 | ． 8902 | ． 8809 | ． 8709 | ． 8602 | ． 8488 | ． 8366 | ． 8238 | ． 8101 | ． 7958 | ． 7807 | ． 7649 | ． 7485 |
| 4 | 52 | ． 9252 | ． 9184 | ． 9110 | ． 9031 | ． 8947 | ． 8855 | ． 8758 | ． 8653 | ． 8541 | ． 8421 | ． 8294 | ． 8159 | ． 8017 | ． 7868 | ． 7711 | ． 7548 |
| \％ | 53 | ． 9287 | ． 9221 | ． 9150 | ． 9074 | ． 8991 | ． 8902 | ． 8807 | ． 8704 | ． 8594 | ． 8477 | ． 8352 | ． 8219 | ． 8078 | ． 7930 | ． 7775 | ． 7612 |
| 近 | 54 | ． 9322 | ． 9258 | ． 9190 | ． 9116 | ． 9036 | ． 8949 | ． 8856 | ． 8756 | ． 8649 | ． 8533 | ． 8410 | ． 8279 | ． 8141 | ． 7994 | ． 7840 | ． 7679 |
| U | 55 | 9356 | ． 9295 | ． 9229 | ． 9157 | ． 9080 | ． 8996 | ． 8906 | ． 8808 | ． 8703 | ． 8591 | ． 8470 | ． 8341 | ． 8205 | ． 8060 | ． 7908 | ． 7748 |
| 핀 | 56 | ． 9390 | ． 9331 | ． 9268 | ． 9199 | ． 9124 | ． 9043 | ． 8956 | ． 8861 | ． 8758 | ． 8648 | ． 8530 | ． 8404 | ． 8270 | ． 8127 | ． 7977 | ． 7819 |
| 己 | 57 | ． 9423 | ． 9367 | ． 9306 | ． 9240 | ． 9168 | ． 9090 | ． 9005 | ． 8913 | ． 8814 | ． 8707 | ． 8591 | ． 8468 | ． 8336 | ． 8196 | ． 8048 | ． 7892 |
| 岗 | 58 | ． 9455 | ． 9402 | ． 9344 | ． 9280 | ． 9211 | ． 9136 | ． 9055 | ． 8966 | ． 8869 | ． 8765 | ． 8653 | ． 8532 | ． 8403 | ． 8265 | ． 8120 | ． 7966 |
|  | 59 | ． 9487 | ． 9436 | ． 9381 | ． 9320 | ． 9254 | ． 9182 | ． 9104 | ． 9018 | ． 8925 | ． 8824 | ． 8714 | ． 8597 | ． 8471 | ． 8336 | ． 8193 | ． 8042 |
|  | 60 | ． 9518 | ． 9470 | ． 9417 | ． 9359 | ． 9296 | ． 9227 | ． 9152 | ． 9070 | ． 8980 | ． 8882 | ． 8776 | ． 8662 | ． 8539 | ． 8408 | ． 8268 | ． 8119 |
|  | 61 | ． 9547 | ． 9502 | ． 9452 | ． 9398 | ． 9338 | ． 9272 | ． 9200 | ． 9121 | ． 9034 | ． 8940 | ． 8838 | ． 8727 | ． 8608 | ． 8480 | ． 8343 | ． 8198 |
|  | 62 | ． 9576 | ． 9533 | ． 9486 | ． 9435 | ． 9378 | ． 9315 | ． 9247 | ． 9171 | ． 9088 | ． 8998 | ． 8899 | ． 8792 | ． 8677 | ． 8552 | ． 8419 | ． 8277 |
|  | 63 | ． 9604 | ． 9564 | ． 9519 | ． 9471 | ． 9417 | ． 9358 | ． 9292 | ． 9220 | ． 9141 | ． 9055 | ． 8960 | ． 8857 | ． 8745 | ． 8625 | ． 8495 | ． 8357 |
|  | 64 | ． 9631 | ． 9593 | ． 9551 | ． 9506 | ． 9455 | ． 9399 | ． 9337 | ． 9269 | ． 9193 | ． 9111 | ． 9020 | ． 8921 | ． 8813 | ． 8697 | ． 8571 | ． 8437 |
|  | 65 | ． 9657 | ． 9621 | ． 9582 | ． 9539 | ． 9491 | ． 9439 | ． 9380 | ． 9316 | ． 9244 | ． 9165 | ． 9079 | ． 8984 | ． 8881 | ． 8768 | ． 8647 | ． 8517 |

Taken from the 6\％GAM Unisex Table．
For more age－related factors，contact the Company＇s Benefits department at（888）236－ 6656.

## APPENDIX H

## 100\％Joint and Survivor Annuity with Post－Retirement Death Benefit Factor Table

Pensioner＇s Age 50 to 65 and Beneficiary＇s Age 45 to 65

| PENSIONER AGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 |
|  | 45 | ． 8941 | ． 8857 | ． 8768 | ． 8675 | ． 8575 | ． 8469 | ． 8358 | ． 8240 | ． 8117 | ． 7986 | ． 7849 | ． 7706 | ． 7556 | ． 7399 | ． 7238 | ． 7072 |
|  | 46 | ． 8972 | ． 8889 | ． 8802 | ． 8710 | ． 8611 | ． 8507 | ． 8397 | ． 8281 | ． 8158 | ． 8028 | ． 7892 | ． 7749 | ． 7599 | ． 7444 | ． 7282 | ． 7116 |
|  | 47 | ． 9004 | ． 8923 | ． 8837 | ． 8745 | ． 8649 | ． 8546 | ． 8437 | ． 8320 | ． 8199 | ． 8070 | ． 7934 | ． 7792 | ． 7643 | ． 7488 | ． 7326 | ． 7159 |
|  | 48 | ． 9035 | ． 8956 | ． 8872 | ． 8782 | ． 8686 | ． 8585 | ． 8477 | ． 8362 | ． 8241 | ． 8114 | ． 7978 | ． 7837 | ． 7688 | ． 7534 | ． 7373 | ． 7206 |
|  | 49 | ． 9066 | ． 8990 | ． 8906 | ． 8818 | ． 8724 | ． 8624 | ． 8517 | ． 8404 | ． 8285 | ． 8158 | ． 8024 | ． 7883 | ． 7734 | ． 7581 | ． 7421 | ． 7254 |
|  | 50 | ． 9098 | ． 9022 | ． 8941 | ． 8854 | ． 8762 | ． 8663 | ． 8559 | ． 8447 | ． 8329 | ． 8203 | ． 8070 | ． 7930 | ． 7783 | ． 7629 | ． 7470 | ． 7303 |
| O | 51 | ． 9130 | ． 9055 | ． 8977 | ． 8892 | ． 8801 | ． 8704 | ． 8600 | ． 8491 | ． 8373 | ． 8249 | ． 8117 | ． 7979 | ． 7832 | ． 7680 | ． 7520 | ． 7354 |
| 4 | 52 | ． 9160 | ． 9088 | ． 9011 | ． 8928 | ． 8839 | ． 8745 | ． 8642 | ． 8533 | ． 8418 | ． 8296 | ． 8165 | ． 8028 | ． 7883 | ． 7730 | ． 7571 | ． 7407 |
| خ | 53 | ． 9191 | ． 9121 | ． 9045 | ． 8964 | ． 8877 | ． 8784 | ． 8684 | ． 8578 | ． 8464 | ． 8343 | ． 8214 | ． 8078 | ． 7934 | ． 7783 | ． 7626 | ． 7462 |
| 4 | 54 | ． 9221 | ． 9153 | ． 9079 | ． 9000 | ． 8915 | ． 8825 | ． 8726 | ． 8622 | ． 8509 | ． 8390 | ． 8263 | ． 8128 | ． 7985 | ． 7837 | ． 7681 | ． 7517 |
| U | 55 | ． 9251 | ． 9185 | ． 9113 | ． 9037 | ． 8953 | ． 8864 | ． 8768 | ． 8666 | ． 8556 | ． 8438 | ． 8313 | ． 8180 | ． 8040 | ． 7892 | ． 7736 | ． 7573 |
| 立 | 56 | ． 9279 | ． 9216 | ． 9146 | ． 9071 | ． 8991 | ． 8905 | ． 8810 | ． 8710 | ． 8603 | ． 8486 | ． 8363 | ． 8232 | ． 8093 | ． 7947 | ． 7792 | ． 7631 |
| 己 | 57 | ． 9308 | ． 9246 | ． 9179 | ． 9107 | ． 9028 | ． 8943 | ． 8852 | ． 8754 | ． 8648 | ． 8535 | ． 8414 | ． 8284 | ． 8146 | ． 8001 | ． 7848 | ． 7689 |
| 山 | 58 | ． 9336 | ． 9275 | ． 9211 | ． 9141 | ． 9065 | ． 8983 | ． 8893 | ． 8797 | ． 8695 | ． 8583 | ． 8464 | ． 8336 | ． 8201 | ． 8058 | ． 7906 | ． 7748 |
|  | 59 | ． 9363 | ． 9305 | ． 9242 | ． 9174 | ． 9100 | ． 9020 | ． 8933 | ． 8841 | ． 8739 | ． 8630 | ． 8513 | ． 8389 | ． 8255 | ． 8114 | ． 7965 | ． 7807 |
|  | 60 | ． 9388 | ． 9333 | ． 9272 | ． 9207 | ． 9135 | ． 9058 | ． 8974 | ． 8882 | ． 8784 | ． 8677 | ． 8564 | ． 8440 | ． 8310 | ． 8169 | ． 8022 | ． 7867 |
|  | 61 | ． 9413 | ． 9359 | ． 9302 | ． 9238 | ． 9169 | ． 9094 | ． 9013 | ． 8924 | ． 8828 | ． 8724 | ． 8612 | ． 8492 | ． 8363 | ． 8226 | ． 8081 | ． 7928 |
|  | 62 | ． 9438 | ． 9386 | ． 9329 | ． 9267 | ． 9202 | ． 9129 | ． 9051 | ． 8965 | ． 8871 | ． 8769 | ． 8660 | ． 8542 | ． 8415 | ． 8283 | ． 8139 | ． 7988 |
|  | 63 | ． 9460 | ． 9410 | ． 9356 | ． 9297 | ． 9234 | ． 9163 | ． 9087 | ． 9004 | ． 8913 | ． 8814 | ． 8707 | ． 8592 | ． 8469 | ． 8336 | ． 8197 | ． 8047 |
|  | 64 | ． 9482 | ． 9434 | ． 9383 | ． 9327 | ． 9264 | ． 9197 | ． 9123 | ． 9041 | ． 8954 | ． 8857 | ． 8753 | ． 8642 | ． 8520 | ． 8391 | ． 8253 | ． 8107 |
|  | 65 | ． 9503 | ． 9457 | ． 9407 | ． 9353 | ． 9294 | ． 9227 | ． 9156 | ． 9078 | ． 8993 | ． 8900 | ． 8798 | ． 8690 | ． 8571 | ． 8444 | ． 8310 | ． 8166 |

Taken from the 6.0 \％GAM Unisex Table．
For more age－related factors，contact the Company＇s Benefits department at（888）236－ 6656.

## APPENDIX I

1999 Social Security Integration Level Table

| Calendar Year of Birth | Calendar Year of Social Security Retirement Age | 1999 Covered Compensation |
| :---: | :---: | :---: |
| 1934 | 1999 | \$33,060 |
| 1935 | 2000 | \$34,992 |
| 1936 | 2001 | \$36,888 |
| 1937 | 2002 | \$38,772 |
| 1938 | 2004 | \$42,468 |
| 1939 | 2005 | \$44,328 |
| 1940 | 2006 | \$46,176 |
| 1941 | 2007 | \$47,988 |
| 1942 | 2008 | \$49,752 |
| 1943 | 2009 | \$51,456 |
| 1944 | 2010 | \$53,124 |
| 1945 | 2011 | \$54,768 |
| 1946 | 2012 | \$56,364 |
| 1947 | 2013 | \$57,936 |
| 1948 | 2014 | \$59,352 |
| 1949 | 2015 | \$60,684 |
| 1950 | 2016 | \$61,920 |
| 1951 | 2017 | \$63,060 |
| 1952 | 2018 | \$64,116 |
| 1953 | 2019 | \$65,112 |
| 1954 | 2020 | \$66,060 |
| 1955 | 2022 | \$67,752 |
| 1956 | 2023 | \$68,544 |
| 1957 | 2024 | \$69,240 |
| 1958 | 2025 | \$69,852 |
| 1959 | 2026 | \$70,404 |
| 1960 | 2027 | \$70,884 |
| 1961 | 2028 | \$71,316 |
| 1962 | 2029 | \$71,664 |
| 1963 | 2030 | \$71,988 |
| 1964 | 2031 | \$72,264 |
| 1965 | 2032 | \$72,480 |
| 1966 or later | 2033 | \$72,600 |

For more age-related factors, including the factors in effect for your Retirement Date, contact the Company's Benefits department at (888) 236-6656.

## APPENDIX J

## Early Retirement Benefit Factor Table

For purposes of calculating a participant's early retirement benefit under this table, the participant's age and Credited Service will be calculated to include the participant's age and Credited Service in whole months as of the benefit commencement date.

| Age (greater than or equal to 55) <br> plus Credited Service (as of benefit <br> commencement date) <br> TOTAL AT LEAST | REDUCTION FACTOR |
| :---: | :---: |
| 80 | $22.5 \%$ |
| 81 | $21.0 \%$ |
| 82 | $19.5 \%$ |
| 83 | $18.0 \%$ |
| 84 | $16.5 \%$ |
| 85 | $15.0 \%$ |
| 86 | $13.5 \%$ |
| 87 | $12.0 \%$ |
| 88 | $10.5 \%$ |
| 89 | $9.0 \%$ |
| 90 | $7.5 \%$ |
| 91 | $6.0 \%$ |
| 92 | $4.5 \%$ |
| 93 | $3.0 \%$ |
| 94 | $1.5 \%$ |
| 95 | $0.0 \%$ |

For more age-related factors, contact the Company's Benefits department at (888) 2366656.

