

# Policy Summary

Survivorship Whole Life



Prepared For:

Prepared By:

Rajiv Rebello  
CA License # 0H50538

July 8, 2023



## Survivorship Whole Life

Survivorship Whole Life provides guaranteed death benefit protection and cash value accumulation for two lives, which can be more cost effective than separate individual whole life policies.

### Survivorship Whole Life offers:

- Guaranteed lifetime death benefit after the second death
- Premiums that are guaranteed not to change
- Predictable cash value growth without market risk - plus the ability to access cash value for any reason
- An opportunity to build additional cash value through non-guaranteed dividends

For details about the optional riders you have selected, see the Policy Overview section of this illustration.

## The Strength of Your Cash Value and Death Benefit

Survivorship Whole Life is an attractive permanent life insurance option because of its guaranteed cash value growth, guaranteed death benefit and guaranteed level premiums. As an added benefit it offers additional growth potential through non-guaranteed dividends.

The chart below shows the values and benefits provided by your policy. The internal rate of return (IRR) shown represents the rate of return you would have to earn on your premium outlay in order to equal the corresponding values.

<b>Product:</b>	Survivorship Whole Life	<b>Initial Premium:</b>	\$95,620.30
<b>Insured:</b>	Valued Client	<b>Initial Face Amount:</b>	\$2,000,000
	Male, Age 50	<b>Policy Payment Period:</b>	50 Years
	Preferred Non-Tobacco	<b>Dividend Scale:</b>	Current
		<b>Initial Dividend Option:</b>	PUAs
	Second Client		
	Female, Age 50		
	Preferred Non-Tobacco		

### Non-Guaranteed Values<sup>1</sup>

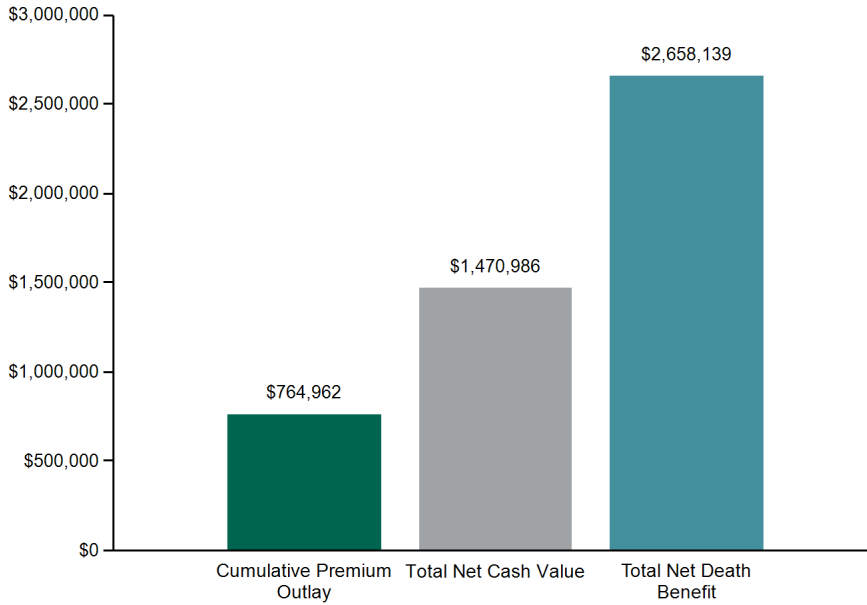
Year	Age	Cumulative Premium Outlay	Cumulative Income	Total Net Cash Value	IRR on Total Net Cash Value	Total Net Death Benefit	IRR on Total Net Death Benefit
1	51 51	\$95,620	\$0	\$59,081	-38.21%	\$2,185,144	2185.23%
5	55 55	\$478,102	\$0	\$443,953	-2.46%	\$2,951,347	68.38%
10	60 60	\$764,962	\$0	\$888,186	2.30%	\$2,137,095	16.09%
15	65 65	\$764,962	\$0	\$1,141,482	3.51%	\$2,376,692	10.13%
20	70 70	\$764,962	\$0	\$1,470,986	4.02%	\$2,658,139	7.75%
25	75 75	\$764,962	\$1,325,000	\$156,380	3.94%	\$969,858	6.09%
30	80 80	\$764,962	\$1,325,000	\$156,744	3.85%	\$864,345	5.40%
35	85 85	\$764,962	\$1,325,000	\$127,183	3.70%	\$702,775	4.82%
40	90 90	\$764,962	\$1,325,000	\$109,530	3.61%	\$518,023	4.33%
45	95 95	\$764,962	\$1,325,000	\$101,790	3.56%	\$375,111	4.00%
50	100 100	\$764,962	\$1,325,000	\$96,132	3.52%	\$278,977	3.78%
55	105 105	\$764,962	\$1,325,000	\$91,082	3.49%	\$226,141	3.66%
60	110 110	\$764,962	\$1,325,000	\$91,481	3.48%	\$189,951	3.58%
65	115 115	\$764,962	\$1,325,000	\$91,093	3.46%	\$159,181	3.52%
70	120 120	\$764,962	\$1,325,000	\$90,732	3.44%	\$134,404	3.48%

<sup>1</sup>Must be accompanied by or preceded by a full basic life insurance illustration. The assumed benefits and values are not guaranteed. The assumptions on which they are based are subject to change by the insurer, and actual results may be more or less favorable. Refer to the basic illustration for guaranteed elements and other important information.

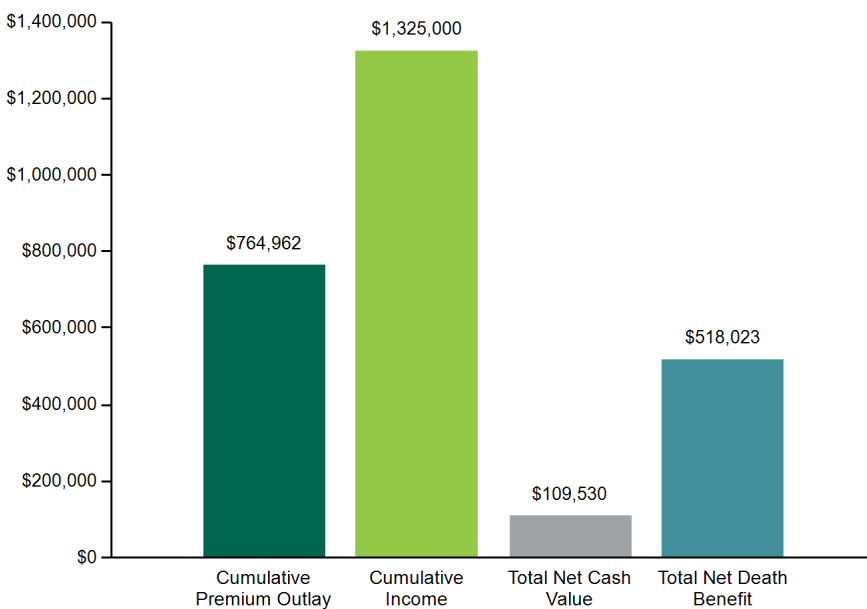
## Summary of Your Illustrated Values

The bar graphs below show the non-guaranteed illustrated values<sup>1</sup> at different points of time during the life of your illustrated policy. Please see the Ledger section of your Survivorship Whole Life illustration for more details.

### Non-Guaranteed Values at Year 20 (Ages 70 and 70)



### Non-Guaranteed Values at Year 40 (Ages 90 and 90)



<sup>1</sup> Must be accompanied by or preceded by a full basic life insurance illustration. The assumed benefits and values are not guaranteed. The assumptions on which they are based are subject to change by the insurer, and actual results may be more or less favorable. Refer to the basic illustration for guaranteed elements and other important information.

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## About The Penn Mutual Life Insurance Company

For more than 175 years, Penn Mutual has been helping people get stronger. Our expertly crafted life insurance is vital to long-term financial health and strengthens people's ability to enjoy every day. Working with our trusted network of financial professionals, we take the long view, building customized solutions for individuals, their families, and their businesses. Penn Mutual supports its financial professionals with retirement and investment services through its wholly owned subsidiary Hornor, Townsend & Kent, LLC, member FINRA/SIPC.

**Visit Penn Mutual at [www.pennmutual.com](http://www.pennmutual.com).**

All guarantees are based on the claims paying ability of the issuing company. Survivorship Whole Life is a last-survivor whole life insurance policy offered by The Penn Mutual Life Insurance Company. Product or features may not be available in all states. Survivorship Whole Life policy form numbers: ICC17-TLJ. (Policy form numbers may vary by state.)

**This concept report is not valid without a full basic illustration for the life insurance policy described. Refer to the basic illustration for guaranteed elements and other important information. Not valid without all pages included.**

Any reference to the taxation of life insurance products in this material is based on the issuing company's understanding of current tax laws. The issuing company and its representatives do not provide tax or legal advice. Please consult a qualified tax professional regarding your personal situation.

Accessing cash values may require additional premium payments to maintain coverage, and will reduce the death benefit and policy values.

For more information on coverage, please contact your Financial Professional.

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Jul 8, 2023 20:08:26 EDT

# Survivorship Whole Life



## The Penn Mutual Life Insurance Company

### Life Insurance Illustration

Prepared For:

- Owner

Valued Client - Insured

Second Client - Insured

Prepared By:

**Rajiv Rebello**

CA License # 0H50538

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July 8, 2023

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### Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
Female, Age 50, Preferred Non-Tobacco  
Contract Premium Mode: Annual  
EPPUA Premium Mode: Annual  
Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

## Introduction

### About Penn Mutual

At Penn Mutual we are committed to helping families & businesses unlock the possibilities of life through our life insurance and annuity solutions.

Since 1847, we have consistently met our financial obligations to policyholders. We are committed to the brighter futures and best interests of all of our policyholders.

### About Survivorship Whole Life

Survivorship Whole Life is permanent life insurance that offers:

- A death benefit guaranteed after the second death
- Consistent premiums to support your personal budgeting
- Access to guaranteed cash value when you need it
- An opportunity to build additional cash value through non-guaranteed dividends.

Accessing cash value will reduce your policy death benefit and values, may result in certain fees and charges and may require additional premium payments to maintain coverage.

### Introduction to Your Illustration

This illustration provides an overview of Survivorship Whole Life, including the base life insurance policy, selected riders and examples of how the policy may perform, given the assumptions outlined in this illustration.

This illustration assumes that the currently illustrated non-guaranteed elements will continue unchanged for all years shown. This is not likely to occur, and actual results may be more or less favorable than those shown.

**All guarantees are based on the claims paying ability of the issuing company.**



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Contract Premium Mode: Annual  
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## Policy Overview

### Insureds

**Valued Client  
Second Client**

The two people who are covered by this illustration.

### Policy Owner

The owner(s) described in this illustration. This illustration assumes the policy is owned by a Third Party.

### Issue State California

The illustration is subject to the regulations and requirements of this state.

### Assumed Policy Date July 8, 2023

The values and assumptions shown are based on the date this illustration was prepared. The values of your policy may vary depending on your actual policy date, which is the date your policy becomes effective.

### Survivorship Whole Life

**Policy Payment Period: 50 Years**  
Initial Base Face Amount: \$2,000,000

Your Survivorship Whole Life Policy has:

- A Policy Payment Period of 50 years which is set at policy issue
- Guaranteed premiums based on the Policy Payment Period
- Guaranteed death benefit and cash value accumulation until the younger insured reaches age 121
- An opportunity to increase the cash value and death benefit with non-guaranteed dividends.

### Death Benefit (DB)

This is the benefit payable at the death of the last surviving insured. It includes the base coverage amount plus any additional death benefits from dividends or from supplemental riders.

Any death benefit paid at the death of the last surviving insured will be reduced by any loans or PUA/dividend surrenders taken from your policy.

### Riders

The following illustrated riders are subject to underwriting which may affect their availability or the coverage amount, and are subject to limitations and exclusions which are not set forth below. Riders on conversions from term policies and term riders are also subject to underwriting, as well as limitations and exclusions not set forth below.

Your illustration may show additional benefits or riders terminating before natural expiry, as defined in the policy. Terminating benefits or riders early may not be automatic and must be elected by contacting Penn Mutual.

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### Accelerated Death Benefit Rider for Terminal Condition Rider Form: ACDB-17-CA

This benefit allows you to access a portion of the death benefit when a licensed physician certifies that the last surviving insured has been diagnosed with a terminal condition resulting in a life expectancy of 12 months or less.

- This benefit is automatically included with your policy and there is only a cost for this benefit when it is used.
- Accelerated death benefit payments will be paid in a lump sum only once per policy and will reduce your death benefit and policy value.
- The unadjusted payment amount is expressed as a "Requested Percentage" of the eligible amount, as defined in the policy. The amount accessed must be at least \$10,000, but no more than 50% of the eligible amount with an overall maximum of \$250,000 per policy on the life of the insured.
- The amount of the claim actually received will include the following reductions:
  - Premium payments that would have been paid during the 12 months following the benefit payment date.
  - A loan repayment equal to the Requested Percentage times any outstanding loan balance.
  - A 12-month interest rate discount using a rate guaranteed to be no greater than the ninety-day treasury bill or the current maximum statutory adjustable policy loan interest rate.
- Penn Mutual must receive written proof of the death of one insured.
- Accelerated death benefits are usually income tax-free. Please consult a personal tax professional prior to receiving any accelerated benefit payments.
- The accelerated Death Benefit payment is intended to qualify for favorable tax treatment under section 101(g) of the Federal Internal Revenue Code. Exercising this benefit could be a taxable event so assistance and advice should be obtained from a personal tax professional prior to receipt of any prepayments.
- **The Accelerated Death Benefit Rider is a life insurance benefit that also gives you the option to accelerate some of the death benefit in the event that the Insured meets the criteria for a qualifying event described in the policy. This rider does not provide long-term care insurance subject to California long-term care insurance law. This rider is not a California Partnership for Long-Term Care program policy. This rider is not a Medicare supplement policy.**
- An Accelerated Death Benefit Payment is the actual benefit paid by the Accelerated Death Benefit Rider if eligible and will be paid in a lump sum only once per policy. The benefits provided by long-term care insurance are not the same as those provided by the Accelerated Death Benefit Rider. The Accelerated Death Benefit Rider requires that the Insured has a non-correctable terminal condition that results in the Insured's having a remaining life expectancy of twelve months or less, whereas long-term care insurance typically requires an inability to do two of six Activities of Daily Living or Severe Cognitive Impairment. The Rider also does not restrict how the policy owner can use the Accelerated Benefit Payments, whereas long-term care insurance will generally require proof of expenses incurred.

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### Accelerated Death Benefit Rider for Terminal Condition (continued)

#### Hypothetical Example of Accelerated Death Benefit Payment

*This example of the Accelerated Death Benefit is hypothetical and reflects the assumptions used in this Life Insurance illustration. It assumes that the owner has provided due proof that the last surviving insured has a non-correctable terminal illness and is diagnosed with a life expectancy of less than 12 months and has requested a 50% prepayment of the policy's death benefit as of the beginning of policy year 50. This example also assumes that any premiums due have been paid. Benefits and values are not guaranteed and actual results may be more or less favorable.*

**Last Surviving Insured: Male; Underwriting Class: Preferred Non-Tobacco; Age 50 at Issue; Age 99 at Payout; Requested Accelerated Death Benefit - 50% of Maximum Amount: \$294,801 Accelerated Benefit Payment after discounting adjustment: \$250,000.00; Current Accelerated Death Benefit Interest Rate: 5.70%. The actual rate will be determined on the date of application for the ABP. The Adjusted Accelerated Death Benefit Payment is net of a policy loan repayment of .**

	Immediately Before Acceleration	Immediately After Acceleration
<b>Annualized Premium:</b>	0	0
<b>Net Total Cash Value:</b>	-2,591,604	-2,860,395
<b>Face Amount:</b>	532,000	587,177
<b>Net Death Benefit:</b>	-2,394,526	-2,642,877
<b>Loan Balance:</b>	2,689,328	2,968,254

### Chronic Illness Accelerated Benefit Rider Rider Form: ABCI-15-CA

This rider enables the policy owner to access a portion of the policy death benefit as an Accelerated Benefit Payment (ABP) if the last surviving insured becomes chronically ill.

- This benefit is automatically included with eligible policies. Issue of this rider is subject to underwriting approval.
- There is no charge for this rider, but there is an impact to the death benefit and cash value when it is used.
- A licensed health care practitioner, not related to the insured or policy owner, must provide a certification prepared within the last 12 months that the insured has a chronic illness. Specifically, a condition is considered a chronic illness when, for a period of at least 90 days, the insured:
  - Is unable to perform at least two of the following daily activities: bathing, transferring, dressing, eating, continence and toileting or
  - Requires substantial supervision by another person to avoid injury or harm due to severe cognitive impairment
- The licensed health care practitioner must certify that the chronic illness is expected to continue for the remainder of the insured's life.
- **The Chronic Illness Accelerated Benefit Rider is a life insurance benefit that also gives you the option to accelerate some of the death benefit in the event that the Insured meets the criteria for a qualifying event described in the policy. This rider does not provide long-term care insurance subject to California long-term care insurance law. This rider is not a California Partnership for Long-Term Care program policy. This rider is not a Medicare supplement policy.**

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### **Chronic Illness Accelerated Benefit Rider** (continued)

#### **Accelerated Benefit Payment (ABP)**

- May be requested as a Lump Sum or series of equal payments paid semi-annually, quarterly, or monthly. The ABP will continue to be paid as long as the insured remains eligible and there is remaining death benefit to be accelerated; certification from a licensed health care practitioner must be submitted and reapproved by Penn Mutual every 12 months.
- Minimum: \$4,800 per 12-month period
- Maximum: Lesser of 24% of the Death Benefit on the date of initial election (including the Enhanced Permanent Paid-Up Additions Rider), or \$240,000 per 12-month period, or the Per Diem Limitation. The Per Diem Limitation is declared each calendar year by the IRS - \$420 per day the insured is chronically ill for 2023. This illustration assumes a calendar year of 365 days.
- The ABP cannot be less than the reduction in the cash value less any outstanding policy loans.
- The ABP cannot cause the remaining death benefit to be less than \$50,000.
- The ABP is intended to qualify for favorable tax treatment under section 101(g). An ABP will only be paid if, to the best knowledge of Penn Mutual, such payment qualifies for favorable tax treatment under IRC Section 101(g) and all other applicable sections of the federal law at the time this benefit is elected. Other ABP type payments from other insurance policies or other qualified long term care services will be considered in making this determination. In any event, any ABP payments received from this or another insurance policy that exceed the IRC annual limit may be taxable. Please consult a qualified tax professional regarding your own personal situation.
- An Accelerated Benefit Payment is the actual benefit paid by the Chronic Illness Accelerated Benefit Rider and is subject to the Accelerated Benefit Payment limits in the contract. The benefits provided by long-term care insurance are not the same as those provided by the Chronic Illness Accelerated Benefit Rider. The Rider does not restrict how the policy owner can use the Accelerated Benefit Payments, whereas long-term care insurance will generally require proof of expenses incurred.

#### **How ABP can Affect Policy Values and Death Benefits**

- Using this benefit will reduce policy cash values and death benefits.
- The reduction in the policy death benefit will be greater than the amount of the ABP.
- The amount of the claim actually received will be reduced by a loan repayment based on a proportional amount of any outstanding loan balance.
- There may be an impact on other policy and rider provisions due to the payment of this accelerated benefit.
- The Accelerated Benefit Interest Rate is guaranteed not to exceed the greater of the current yield on the ninety-day Treasury bill available on the date of application for the ABP, the Moody's Corporate Bond Yield Average, and the minimum interest rate used to calculate policy values plus 1%.

The ABP Hypothetical Illustration could not be provided under the illustrated set of assumptions - the Chronic Illness Accelerated Benefit Rider terminates when the Overloan Protection Benefit Rider is exercised. This exercise occurred prior to the assumed Payout Age of 99.

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### Chronic Illness Accelerated Benefit Rider (continued)

### Comparison of an Accelerated Death Benefit Rider and Long-Term Care Insurance

<p><b>Accelerated Death Benefit Rider: Chronic Illness</b></p>	<p><b>Long-Term Care Insurance: Note that Penn Mutual does not offer Long Term Care Insurance and this description is for comparison purposes only.</b></p>
<p><b>Description of Benefits</b></p> <p>Accelerated death benefits are proceeds of a life insurance policy that are paid to the owner before the insured dies. The benefits may be included in the base life insurance policy or provided by a rider or endorsement to the policy.</p> <p>This type of benefit provides that a percentage of the life insurance policy's proceeds are paid prior to death when the owner has a qualifying claim.</p> <p>To make a claim, the owner must be able to demonstrate that he or she has a chronic illness as that is defined in the life insurance policy or rider. The face amount of the life insurance policy will be reduced as a result of any accelerated death benefit payment made to the owner, thus reducing the future death benefit available. The reduction in death benefit will be greater than the accelerated death benefit payment received. Other features and benefits including cash value and loan availability of the policy may be impacted as well.</p> <p>The amount of death benefit that may be accelerated can vary, but it is typically capped at a percentage of the life insurance policy's death benefit.</p>	<p><b>Description of Benefits</b></p> <p>Long-term care insurance is intended to help pay for the cost of long-term care services. Depending on the policy, long-term care insurance can provide coverage for care in the insured's home, adult day care centers, assisted living facilities and nursing homes.</p> <p>Other benefits in long-term care insurance may include an allowance for home modifications, discounts for couples, training for caregivers, respite care, waiver of premium while on claim and care coordination services.</p> <p>There are two general ways that an insurance company will pay the benefit once eligibility is determined: on an expense-incurred basis or an indemnity basis. With an expense-incurred policy, the coverage amount is generally the lesser of the actual cost of the expenses paid, or a maximum coverage amount. Under the indemnity method of payment, the benefit is a fixed dollar amount that does not vary based on the actual expenses incurred by the insured.</p>
<p><b>Qualifying Events</b></p> <p>The Chronic Illness Accelerated Death Benefit rider defines Chronic Illness and a diagnosis of that chronic illness is the qualifying event for the rider. Certification by a health practitioner that the chronic illness is expected to be permanent is also required.</p>	<p><b>Qualifying Events</b></p> <p>A long-term care policy may have a similar qualifying event; however it is often the case that a diagnosis is not sufficient and it is also necessary that the insured incur expenses related to the diagnosis of a chronic illness.</p>

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 Initial Premium: \$95,620.30

### Chronic Illness Accelerated Benefit Rider (continued)

<p><b>Elimination Period</b></p> <p>An elimination period is a waiting period. It is the period that must pass before any benefits under the Accelerated Death Benefit rider are payable. CIAB does not have an elimination period, but the insured's chronic illness must be present for 90 days to be considered a qualifying event.</p>	<p><b>Elimination Period</b></p> <p>Long term care insurance policies may or may not have an elimination period. If it does, the elimination period begins once the insured qualifies for care and meets any other eligibility requirements of the policy. Typically, any expenses incurred during that elimination period are not reimbursed. Sometimes there are different options that can be selected at the time of purchase of the policy. These can typically be as short as 30-days or as long as 100-days.</p>
<p><b>When Benefits Are Not Needed</b></p> <p>Because the accelerated death benefits are part of a life insurance policy, if the chronic illness benefits are not needed, the death benefit under the policy is payable upon the insured's death, based on the terms of the life insurance policy, e.g. minus any loans, unpaid premium, etc.</p>	<p><b>When Benefits Are Not Needed</b></p> <p>Under a typical long-term care insurance policy, if no qualifying claims are made, there is no payment made. Some long-term care insurance policies may offer a Return of Premium feature, providing that if no qualifying claims are made during the insured's lifetime, there will be a refund of the premiums paid.</p>
<p><b>Restrictions on the Use of Benefit Payments</b></p> <p>There are no restrictions on how the accelerated death benefit payment can be used.</p>	<p><b>Restrictions on the Use of Benefit Payments</b></p> <p>Under an expense-incurred type long-term care policy, the benefits are explicitly tied to only those expenses that are related to services received for long-term care. There are no restrictions on an indemnity type policy benefit.</p>
<p><b>Tax Treatment</b></p> <p>The tax code is complicated, and we cannot cover all of the intricacies in this brief format. Please consult with your tax advisor to evaluate any tax impact of Accelerated Death Benefits.</p> <p>Generally speaking, though, accelerated death benefit payments are excluded from gross income for federal tax purposes under the Internal Revenue Code, although in some circumstances there may be a per diem limit or exceptions to the tax qualified treatment of the benefit.</p>	<p><b>Tax Treatment</b></p> <p>The tax code is complicated, and we cannot cover all of the intricacies in this brief format. Please consult with your tax advisor to evaluate any tax impact of long-term care insurance Benefits.</p> <p>Long term care insurance benefits are often excluded from gross income for federal tax purposes. The issues related to taxation differ depending on whether the policy is one that is expense-incurred or indemnity base. There are certain limitations such as a per diem limit too.</p>

### Insured: **Valued Client and Second Client**

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Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

### **Overloan Protection Benefit Rider** Rider Form: OPB-TL-17

This rider keeps your policy in force despite outstanding loans.

- There is no charge for this rider at issue or when the benefit goes into effect.
- It remains intact as a paid-up policy if an outstanding loan exceeds 99% of the cash value.
- If this benefit goes into effect, the policy will become paid-up life insurance.
- The amount of the paid-up insurance is the amount provided by the sum of the Tabular Cash Value, Dividend Credits and the value of Paid-Up Additions when applied as a net single premium at the attained age(s) of the Insured (s), at the time the benefit goes into effect. The new Death Benefit will be equal to this amount of paid-up insurance, less Policy Debt.
- When the policy becomes a paid-up policy:
  - Dividend option automatically changes to paid-up additions, unless owner selects the cash option.
  - All supplemental riders will be terminated.
  - No further premium payments or policy loans will be allowed.
  - No further changes can be made to the policy.
- For the rider to take effect the younger insured must be at least 75 years old and the policy must be in effect for at least 15 years.

Neither the IRS nor the courts have ruled on the tax consequences of exercising the Overloan Protection Benefit Rider. It is possible that the IRS or a court could assert that the policy has been effectively terminated and that the outstanding loan balance should be treated as a distribution, all or a portion of which could be taxable when the rider is exercised. In addition, this Overloan Protection Benefit Rider may not be appropriate for your particular circumstances. Consult with a tax professional regarding the risks associated with exercising this rider.

### **Supplemental Exchange Rider** Rider Form: SEJ-TL-17-CA

This benefit allows you to replace one insured with another insured without having to purchase a new or additional policy.

- The new insured must have the same relationship to the remaining insured as the original did.
- Normal evidence of health is required for the new covered insured.
- Such an exchange may result in the policy's cash value becoming taxable, so please consult a personal tax professional.
- This rider is automatically included with your policy.

### **Policy Split Option** Rider Form: PSO-TL-17

This option allows a policy to be exchanged for two individual Penn Mutual whole life insurance policies in the event of a divorce or certain changes to federal estate tax laws, including:

- The federal estate tax is repealed
- The unlimited marital deduction under federal estate tax law is eliminated or reduced to one-half or less of the federal gross estate
- The amount exempt from federal estate tax is reduced by 50% or more
- The federal estate tax rates are reduced by 25% or more.

Medical evidence of insurability is not required as long as the policy split percentages are 50/50. This option is automatically included with your policy.

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

### Enhanced Permanent Paid-Up Additions Rider (EPPUA)

**EPPUA Rider Period: 50 Years**  
 Rider Form: EPPUA-TL-17  
 Annual Payment Limit: \$66,240.30  
 EPPUA Rider Payment Requirement: \$66,240.30

This rider allows you to increase your policy cash value, potential dividends and death benefit by allowing you to pay extra premiums to purchase additional, paid-up whole life insurance (paid-up additions). You also choose the length of time over which you want to pay these extra premiums.

- The Minimum modal EPPUA premium payment is \$25.00.
- EPPUA Premium payments can only be made on monthly policy anniversaries.
- Total EPPUA premiums cannot exceed the Annual Payment Limit for the policy year without additional underwriting.
- The Annual Payment Limit is established at the time the rider is issued.
- From policy year 3 through policy year 15, you may catch up on any shortfall that existed during the previous year between your EPPUA premiums and Annual Payment Limit, without additional underwriting.
- A charge equal to a percentage of the EPPUA premium will be made upon each exercise of this option.
- The EPPUA Rider Period is selected by the owner when the policy is issued. This is the number of years until the EPPUA rider will terminate if no other events have already caused the rider to terminate.
- This rider will automatically terminate if cumulative EPPUA premiums made within the previous 5 policy years are less than the EPPUA Rider Payment Requirement of \$66,240.30.
- Paid-up additions or premium reduction must be the selected dividend option or the EPPUA rider will be automatically terminated.

Your illustration shows:

- An Annual Payment Limit of \$66,240.30.
- The initial EPPUA payment in Policy Year 1, Month 1.
- EPPUA premiums being discontinued after year 8.
- This rider continuing through the end of policy year 8.

### Contract Premium

**Mode: Annual**

This is the premium due based on the frequency of premium payments (mode) illustrated during the policy year for the base policy and any illustrated riders, other than the EPPUA Rider. Premiums are assumed to be paid at the beginning of the period to which they apply.

### Policy Payment Period: 50 Years

The Policy Payment Period is selected at issue and for this illustrated policy is 50 Years. At the end of the 50 years the policy will be paid-up and no additional premiums will be due.

Illustrated Coverage	Face Amount	Annual Premium	Semi-Annual Premium	Quarterly Premium	Monthly Premium
Whole Life (Base)	\$2,000,000	\$29,380.00	\$15,013.18	\$7,668.18	\$2,556.06
Accelerated Death Benefit		N/A	N/A	N/A	N/A
Chronic Illness Rider		N/A	N/A	N/A	N/A
Overloan Protection Rider		N/A	N/A	N/A	N/A
Supplemental Exchange Rider		N/A	N/A	N/A	N/A
Policy Split Option		N/A	N/A	N/A	N/A
<b>Total Annualized Amount:</b>		<b>\$29,380.00</b>	<b>\$30,026.36</b>	<b>\$30,672.72</b>	<b>\$30,672.72</b>



### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

### EPPUA Premium

#### EPPUA Mode: Annual

Annual Payment Limit: \$66,240.30  
 Scheduled EPPUA Rider Billed Amount (Annualized): \$66,240.30  
 EPPUA Rider Payment Requirement: \$66,240.30

Enhanced Permanent Paid-Up Additions (EPPUA) Rider premiums may be paid on any monthly policy anniversary. EPPUA premiums are illustrated on annual anniversaries of the policy date. EPPUA premiums will appear on the premium notice (bill) based on the modal equivalent of the requested Annualized Billing Amount.

Illustrated Coverage	Lump Sum	Annual Premium	Semi-Annual Premium	Quarterly Premium	Monthly Premium
EPPUA Rider		\$66,240.30			
<b>Total Annualized EPPUA:</b>		<b>\$66,240.30</b>			

### Underwriting Class

**Preferred Non-Tobacco  
 Preferred Non-Tobacco**

The insureds' underwriting class is based on factors such as overall health history, occupation and activities that involve risk. This illustration assumes the underwriting classes to the left. The actual payments will depend on the outcome of the underwriting process and may vary from what is shown on this illustration. If so, you will receive a Revised Illustration when your contract is delivered.

### Dividends

Dividends awarded from the company surplus may be paid based on the company's claim, expense, and investment return experience. Dividends are paid at the end of the policy year. They are not guaranteed, and are subject to change by Penn Mutual.

### Dividend Options

Initial: Paid-Up Additions (PUAs)

You may choose from several dividend options, and in some situations you may choose to have any excess dividends allotted to another indicated option:

- **Paid-up Additions (PUAs):** Purchases paid-up whole life insurance
- **Premium Reduction:** Reduces any premium due in the next payment period
- **Cash:** Paid in cash
- **Dividend Accumulations:** Earns interest at a rate determined by Penn Mutual
- **Loan Repayment:** Used to repay any existing policy loans

### Accessing Your Cash Value

You can access the policy cash value you have accumulated for any reason. Your policy allows two options for accessing your cash value:

#### Policy Loans: You can take a loan against the policy.

- Loans will bear interest at an adjustable loan interest rate set by Penn Mutual as of the first day of each calendar year.
- Loan interest is due and payable at the end of each policy year.
- If the loan interest is not paid when due, it will be added to the loan balance.
- An unpaid loan balance may cause the policy to lapse.
- The current loan interest rate is 5.70%.

### Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
Female, Age 50, Preferred Non-Tobacco  
Contract Premium Mode: Annual  
EPPUA Premium Mode: Annual  
Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

### Accessing Your Cash Value (continued)

**PUA/Dividend Surrenders:** You can take PUA/dividend surrenders from your policy as long as your policy has PUA/dividend value.

Policy loans and PUA/dividend surrenders will reduce your values and benefits and are not reflected in the Basic Ledger. Dividends will also be affected by any outstanding loans. The effects of these types of distributions can be seen on the Supplemental Ledgers.

### Non-forfeiture Option

In the event of a lapse (premium is not paid), you may surrender this policy for its Net Cash Value or keep it in force under the following non-forfeiture option:

#### Reduced Paid-Up Whole Life Insurance:

- If there is no outstanding policy loan, the reduced paid-up whole life insurance amount is equal to the amount which can be purchased by the total of the Guaranteed Cash Value and Dividend Credits\* when applied as a net single premium at the attained ages of the insureds on the due date of the unpaid premium. Any existing Paid-Up Additions (from dividends or premiums) would be added to this result for the total reduced Paid-Up Whole Life Insurance Amount.
- If there is an outstanding policy loan, the loan is first allocated proportionately between the Guaranteed Cash Value plus any Dividend Credits\*, and any Paid-Up Additions cash value. The Guaranteed Cash Value plus dividend credits less its allocated share of the loan will be applied as a net single premium at the attained ages of the insureds on the due date of the unpaid premium. And if there is Paid-Up Additions cash value, its cash value less its allocated share of the loan will be applied as a net single premium at the attained ages of the insureds on the due date of the unpaid premium to purchase the remaining Paid-Up Whole Life Insurance Amount. Both paid-up amounts will be added together for the total reduced Paid-Up Whole Life Insurance Amount. The outstanding policy loan will be extinguished.
- The policy will continue to earn dividends on the reduced paid-up amount, and remains eligible for loans and PUA/dividend surrenders.

\*Dividend Credits are:

- Dividend Accumulations, including accrued interest;
- Any dividend applied under the Premium Reduction dividend option which has not been used because of the death of the last surviving insured or because of lapse or surrender of this policy; and
- Any dividend at death of the last surviving insured.

### Important Tax Information

Any references to the taxation of life insurance products in this illustration are based on Penn Mutual's understanding of current tax laws as of the date of the illustration. Please be certain to consult a qualified tax professional regarding your own personal situation.

### Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

### 7-Pay Premium

Initial: \$104,420.07

In order to receive favorable tax treatment of distributions such as policy loans or PUA/dividend surrenders, a life insurance policy must satisfy the '7-Pay' Premium Test.

- Life insurance policy premiums must be within certain limits during the life of the policy.
- A policy that does not meet the qualifications of this test is referred to as a Modified Endowment Contract (MEC).
- Your initial '7-Pay' premium is \$104,420.07. The '7-Pay' Premium used in this test may be adjusted under certain circumstances over the lifetime of the policy.

### Taxation of Distributions

In general, the accumulated value of a life insurance policy is tax deferred but may be subject to taxation at the time of a full surrender or dividend surrender.

If your policy is not a Modified Endowment Contract (MEC):

- The tax treatment of any death benefit provided under the contract will qualify for income tax free treatment.
- PUA/Dividend surrenders during the first 15 policy years are subject to additional rules and may be taxable.
- If your policy has an outstanding loan balance and your policy terminates, the loan balance may be taxable.

If your policy is a MEC:

- The tax treatment of any death benefit provided under the contract will still qualify for income tax free treatment.
- You may be subject to additional taxes and penalties on any distributions from your policy during the life of the insured.
- Policy distributions, including loans to capitalize loan interest, will be taxed on a 'gain first' basis and any taken prior to age 59 ½ may be assessed a 10% penalty.

Please refer to the footnotes at the end of each Ledger page for the MEC status.

### Illustrated Tax Bracket

50.00%

The owner's tax bracket used in this illustration is 50.00%.

### Interest Adjusted Cost Indices

These indices provide a means of comparing the relative cost of similar plans of life insurance. A low index number represents a lower cost than a higher one. The 5% Interest Adjusted Cost Indices below are for the base plan per \$1,000 of face amount.

### Net Payment Index

	10 Year	20 Year
<b>Guaranteed</b>	17.55	28.32
<b>Non-Guaranteed Current</b>	17.32	28.10

### Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

### Surrender Cost Index

	10 Year	20 Year
<b>Guaranteed</b>	-21.08	-11.85
<b>Non-Guaranteed Current</b>	-21.31	-12.08

### Equivalent Level Annual Dividend

	10 Year	20 Year
<b>Guaranteed</b>	N/A	N/A
<b>Non-Guaranteed Current</b>	0.19	0.12

The purpose of these indices is to provide a means of comparing the relative cost of similar plans of life insurance issued by the same or different insurers. A low index number represents a lower cost than a higher one. These indices are not meant to compare two different life insurance companies. They do not consider the value of the services of a financial professional or the company, the strength or reputation of the company, or the differences in the policy provisions.

### Penn Mutual's Address

The Penn Mutual Life Insurance Company  
 Philadelphia, PA 19172

**WE APPRECIATE THE TRUST THAT YOU ARE PLACING WITH PENN MUTUAL FOR YOUR LIFE INSURANCE NEEDS.**

**All guarantees are based on the claims paying ability of the issuing company.**

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Definitions

### Column Headings

<b>Age</b>	The attained ages of both of the insureds as of the end of the policy year.
<b>Base Contract Premium</b>	The amount of premium to be paid during the policy year for the base policy and any illustrated riders other than the Enhanced Permanent Paid-Up Additions Rider.
<b>Cash Value (Guaranteed)</b>	The amount of cash value guaranteed by the policy as long as there are no outstanding policy loans.
<b>Change in Net CV Less Prem. Outlay</b>	The change in the total net cash value amount since the end of the previous policy year minus the premium outlay for that policy year.
<b>Change in Total Net Cash Value</b>	The change in the total net cash value amount since the end of the previous policy year.
<b>Cum. Premium Outlay</b>	The contract premiums less any dividends used to reduce the premium, PUA/dividend surrenders used to pay premiums, and/or loans used to pay premiums accumulated through the end of the policy year.
<b>Death Benefit (Guaranteed)</b>	The guaranteed base policy death benefit that will be paid out to the beneficiary as long as there are no outstanding policy loans.
<b>Dividend</b>	The annual dividend payable at the end of the policy year on the base policy and any dividend from paid-up additional insurance.
<b>EOY Reduced Paid-Up Death Benefit</b>	The paid-up death benefit if the owner were to exercise the reduced paid-up non-forfeiture option at the end of the policy year. The reduced paid-up non-forfeiture option is not available after the last year of the Policy Payment Period, 50 years.
<b>EPPUA Premium</b>	The premium payments scheduled during the policy year under the Enhanced Permanent Paid-Up Additions (EPPUA) Rider.
<b>Income</b>	The total income taken from the policy, including dividends paid in cash, and PUA/dividend surrenders and/or policy loans paid as income to policy owner.
<b>Increase In Total Cash Value (Guaranteed)</b>	The increase in the guaranteed total policy cash value since the end of the previous policy year.
<b>Increase In Total Cash Value (Non-Guaranteed)</b>	The increase in the non-guaranteed total policy cash value since the end of the previous policy year.

### Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

#### **Premium Outlay**

The contract premiums less any dividends used to reduce the premium, PUA/ dividend surrenders used to pay premiums, and/or loans used to pay premiums.

#### **Total Cash Value (Guaranteed)**

The sum of the guaranteed base policy cash value and the guaranteed Enhanced Permanent Paid-Up Additions (EPPUA) Rider cash value, assuming no outstanding policy loan balance.

#### **Total Cash Value (Non-Guaranteed)**

The guaranteed cash value of the base policy and the guaranteed cash value of the Enhanced Permanent Paid-Up Additions (EPPUA) Rider as well as any non-guaranteed cash value resulting from the illustrated dividend option and dividend scale, assuming no outstanding policy loans. The non-guaranteed total cash value is illustrated as of the end of the policy year and includes the dividend awarded in the policy year, but not yet applied.

#### **Total Death Benefit (Guaranteed)**

The sum of the guaranteed base policy death benefit and the guaranteed Enhanced Permanent Paid-Up Additions (EPPUA) Rider death benefit, assuming no outstanding policy loans. The death benefit shown assumes that there were no dividends to help fund the purchase of paid-up additions for the EPPUA, which over time could result in a decrease in the death benefit.

#### **Total Death Benefit (Non-Guaranteed)**

The sum of the guaranteed base policy death benefit, and the guaranteed Enhanced Permanent Paid-Up Additions (EPPUA) Rider death benefit, plus the death benefit resulting from the illustrated dividend option and dividend scale, assuming no outstanding policy loans. The Total Death Benefit column illustrates the death benefit as of the end of the policy year and includes the dividend awarded in the policy year but not yet applied.

#### **Total Loan Balance**

The total loan balance including accrued loan interest as of the end of the policy year.

#### **Total Net Cash Value**

The guaranteed cash value of the base policy and the guaranteed cash value of the Enhanced Permanent Paid-Up Additions (EPPUA) Rider; including any non-guaranteed cash value resulting from the illustrated dividend option and dividend scale, net of any outstanding policy loans. The non-guaranteed total net cash value is illustrated as of the end of the policy year and includes the dividend awarded in the policy year, but not yet applied.

#### **Total Net Death Benefit**

The sum of the guaranteed base policy death benefit and the guaranteed Enhanced Permanent Paid-Up Additions (EPPUA) Rider death benefit, plus the death benefit resulting from the illustrated dividend option and dividend scale, less any outstanding loan balance and the following year's loan interest. The Total Net Death Benefit column illustrates the death benefit as of the end of the policy year and includes the dividend earned in the policy year but not yet applied.

#### **Total Premium**

The sum of the base contract premium and Enhanced Permanent Paid-Up Additions (EPPUA) Rider premium to be paid during the policy year.

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
Female, Age 50, Preferred Non-Tobacco  
Contract Premium Mode: Annual  
EPPUA Premium Mode: Annual  
Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

**Year**

The initial policy year begins on the policy date and subsequent policy years begin on the policy's anniversary date.

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Policy Value Summary

### Values

**Guaranteed**

Values are guaranteed and assume no dividends.

**Non-Guaranteed Mid-Point**

Values are not guaranteed and assume dividends are paid at 50% of the current scale.

**Non-Guaranteed Current**

Values are not guaranteed and assume dividends are paid at the current scale.

Year	Age	Annual Premium	Cumulative Premium	Guaranteed		Non-Guaranteed Mid-Point		Non-Guaranteed Current	
				Cash Value	Death Benefit	Cash Value	Death Benefit	Cash Value	Death Benefit
5	55 55	95,620	478,102	424,510	2,908,499	434,106	2,929,686	443,953	2,951,347
10	60 60	29,380	823,722	854,078	3,398,448	899,923	3,497,774	948,521	3,602,635
20	70 70	29,380	1,117,522	1,446,848	3,398,448	1,664,595	3,780,086	1,916,785	4,220,293
35	85 85	29,380	1,558,222	2,519,790	3,398,448	3,426,736	4,524,710	4,661,797	6,054,754

This illustration assumes that the currently illustrated non-guaranteed elements will continue unchanged for all years shown. This is not likely to occur, and actual results may be more or less favorable than those shown.

Policy Loans and PUA/Dividend Surrenders will reduce your values and benefits, and are not reflected in this illustration. The effects of these types of distributions can be seen on the Supplemental Ledger.

This illustration assumes a Policy Payment Period of 50 years. Once selected, this will remain unchanged through the life of the policy.

**I have received a copy of this illustration and understand that any non-guaranteed elements illustrated are subject to change and could be either higher or lower. The agent has told me they are not guaranteed.**

**All guarantees are based on the claims paying ability of the issuing company.**

\_\_\_\_\_  
 Signature of Policy Owner \_\_\_\_\_  
 Date

**I certify that this illustration has been presented to the applicant and that I have explained that any non-guaranteed elements illustrated are subject to change. I have made no statements that are inconsistent with the illustration.**

\_\_\_\_\_  
 Signature of Agent \_\_\_\_\_  
 Date



### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Basic Ledger

### Values

#### Guaranteed: No Dividends

Values are based on the guarantees in your policy and assume no dividends.

**Non-Guaranteed: Current Scale**  
*Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.*

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at the current scale.

Year	Age	Premium Breakdown			Guaranteed				Non-Guaranteed				
		Base Contract Premium	EPPUA Premium	Total Premium	Total Cash Value	Increase In Total Cash Value	Total Death Benefit	EOY Reduced Paid-up Death Benefit	Dividend	Total Cash Value	Increase In Total Cash Value	Total Death Benefit	EOY Reduced Paid-up Death Benefit
1	51 51	29,380	66,240	95,620	57,993	57,993	2,184,056	184,057	1,088	59,081	59,081	2,185,144	185,145
2	52 52	29,380	66,240	95,620	128,555	70,562	2,373,265	397,265	2,324	132,000	72,919	2,379,042	403,042
3	53 53	29,380	66,240	95,620	224,346	95,791	2,556,966	672,967	3,650	231,544	99,544	2,571,230	687,231
4	54 54	29,380	66,240	95,620	322,980	98,634	2,735,325	939,325	5,071	335,464	103,920	2,761,929	965,929
5	55 55	29,380	66,240	95,620	424,510	101,530	2,908,499	1,198,499	6,585	443,953	108,489	2,951,347	1,241,347
6	56 56	29,380	66,240	95,620	529,051	104,541	3,076,644	1,450,644	8,735	557,809	113,856	3,140,214	1,514,215
7	57 57	29,380	66,240	95,620	636,658	107,607	3,239,911	1,693,912	11,429	677,703	119,894	3,330,097	1,784,098
8	58 58	29,380	66,240	95,620	747,407	110,749	3,398,448	1,930,448	14,270	803,945	126,242	3,521,867	2,053,868
9	59 59	29,380	0	29,380	800,005	52,598	3,398,448	2,006,448	16,034	874,260	70,314	3,560,480	2,168,481
10	60 60	29,380	0	29,380	854,078	54,073	3,398,448	2,080,448	17,981	948,521	74,261	3,602,635	2,284,636
11	61 61	29,380	0	29,380	906,734	52,656	3,398,448	2,146,448	19,932	1,023,910	75,389	3,648,375	2,396,376
12	62 62	29,380	0	29,380	960,819	54,085	3,398,448	2,208,448	21,939	1,103,403	79,493	3,697,524	2,507,524
13	63 63	29,380	0	29,380	1,016,378	55,558	3,398,448	2,268,448	24,043	1,187,215	83,812	3,750,024	2,620,025
14	64 64	29,380	0	29,380	1,073,413	57,036	3,398,448	2,328,448	26,276	1,275,557	88,342	3,805,903	2,735,904
15	65 65	29,380	0	29,380	1,131,928	58,515	3,398,448	2,384,448	28,773	1,368,778	93,221	3,865,352	2,851,352

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Premium Breakdown			Guaranteed				Non-Guaranteed				
		Base Contract Premium	EPPUA Premium	Total Premium	Total Cash Value	Increase In Total Cash Value	Total Death Benefit	EOY Reduced Paid-up Death Benefit	Dividend	Total Cash Value	Increase In Total Cash Value	Total Death Benefit	EOY Reduced Paid-up Death Benefit
16	66 66	29,380	0	29,380	1,191,945	60,017	3,398,448	2,440,448	31,397	1,467,116	98,338	3,928,561	2,970,562
17	67 67	29,380	0	29,380	1,253,425	61,480	3,398,448	2,492,448	34,169	1,570,776	103,660	3,995,565	3,089,566
18	68 68	29,380	0	29,380	1,316,428	63,003	3,398,448	2,544,448	37,120	1,680,094	109,318	4,066,443	3,212,443
19	69 69	29,380	0	29,380	1,380,912	64,484	3,398,448	2,594,448	40,259	1,795,318	115,224	4,141,296	3,337,296
20	70 70	29,380	0	29,380	1,446,848	65,936	3,398,448	2,642,448	43,657	1,916,785	121,466	4,220,293	3,464,293
21	71 71	29,380	0	29,380	1,514,203	67,355	3,398,448	2,688,448	46,952	2,044,462	127,677	4,303,285	3,593,285
22	72 72	29,380	0	29,380	1,582,913	68,710	3,398,448	2,734,448	50,809	2,178,942	134,480	4,390,483	3,726,483
23	73 73	29,380	0	29,380	1,652,843	69,931	3,398,448	2,776,448	54,943	2,320,466	141,525	4,482,330	3,860,330
24	74 74	29,380	0	29,380	1,723,915	71,072	3,398,448	2,818,448	59,422	2,469,394	148,928	4,579,080	3,999,081
25	75 75	29,380	0	29,380	1,795,941	72,026	3,398,448	2,858,448	64,235	2,625,959	156,565	4,681,006	4,141,006
26	76 76	29,380	0	29,380	1,868,788	72,847	3,398,448	2,896,448	69,503	2,790,563	164,603	4,788,468	4,286,469
27	77 77	29,380	0	29,380	1,942,281	73,492	3,398,448	2,932,448	74,996	2,963,329	172,767	4,901,650	4,435,650
28	78 78	29,380	0	29,380	2,016,190	73,910	3,398,448	2,968,448	80,915	3,144,509	181,179	5,020,787	4,590,787
29	79 79	29,380	0	29,380	2,090,300	74,110	3,398,448	3,002,448	87,267	3,334,347	189,838	5,146,218	4,750,219
30	80 80	29,380	0	29,380	2,164,266	73,965	3,398,448	3,032,448	94,101	3,532,966	198,619	5,278,320	4,912,321
31	81 81	29,380	0	29,380	2,237,713	73,447	3,398,448	3,062,448	101,557	3,740,533	207,567	5,417,616	5,081,616
32	82 82	29,380	0	29,380	2,310,184	72,472	3,398,448	3,092,448	109,586	3,957,050	216,517	5,564,625	5,258,625
33	83 83	29,380	0	29,380	2,381,582	71,398	3,398,448	3,118,448	117,939	4,182,744	225,694	5,719,583	5,439,584
34	84 84	29,380	0	29,380	2,451,609	70,027	3,398,448	3,142,448	126,777	4,417,695	234,951	5,882,794	5,626,794
35	85 85	29,380	0	29,380	2,519,790	68,181	3,398,448	3,166,448	136,239	4,661,797	244,102	6,054,754	5,822,755
36	86 86	29,380	0	29,380	2,584,840	65,050	3,398,448	3,188,448	147,483	4,914,723	252,927	6,237,170	6,027,171
37	87 87	29,380	0	29,380	2,646,948	62,108	3,398,448	3,208,448	158,292	5,176,271	261,548	6,429,848	6,239,849
38	88 88	29,380	0	29,380	2,705,744	58,796	3,398,448	3,226,448	169,535	5,446,103	269,832	6,632,902	6,460,903
39	89 89	29,380	0	29,380	2,760,736	54,992	3,398,448	3,244,448	181,302	5,723,683	277,579	6,846,788	6,692,788
40	90 90	29,380	0	29,380	2,811,736	51,000	3,398,448	3,258,448	193,314	6,008,657	284,975	7,071,738	6,931,739



# Survivorship Whole Life

**Basic Ledger**  
(continued)

## Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Premium Breakdown			Guaranteed				Non-Guaranteed				
		Base Contract Premium	EPPUA Premium	Total Premium	Total Cash Value	Increase In Total Cash Value	Total Death Benefit	EOY Reduced Paid-up Death Benefit	Dividend	Total Cash Value	Increase In Total Cash Value	Total Death Benefit	EOY Reduced Paid-up Death Benefit
41	91 91	29,380	0	29,380	2,858,700	46,964	3,398,448	3,272,448	205,388	6,300,697	292,040	7,307,786	7,181,786
42	92 92	29,380	0	29,380	2,901,947	43,246	3,398,448	3,284,448	217,191	6,599,742	299,045	7,554,634	7,440,634
43	93 93	29,380	0	29,380	2,941,847	39,900	3,398,448	3,296,448	228,733	6,905,840	306,098	7,811,971	7,709,971
44	94 94	29,380	0	29,380	2,978,897	37,050	3,398,448	3,308,448	239,870	7,219,121	313,281	8,079,368	7,989,369
45	95 95	29,380	0	29,380	3,014,242	35,345	3,398,448	3,318,448	250,175	7,540,610	321,489	8,355,968	8,275,969
46	96 96	29,380	0	29,380	3,048,986	34,744	3,398,448	3,330,448	259,872	7,871,513	330,903	8,641,064	8,573,065
47	97 97	29,380	0	29,380	3,082,734	33,748	3,398,448	3,342,448	270,222	8,210,763	339,249	8,935,213	8,879,214
48	98 98	29,380	0	29,380	3,116,351	33,617	3,398,448	3,356,448	280,601	8,558,921	348,158	9,238,551	9,196,551
49	99 99	29,380	0	29,380	3,151,272	34,920	3,398,448	3,374,448	291,316	8,917,182	358,262	9,551,477	9,527,477
50	100 100	29,380	0	29,380	3,190,222	38,950	3,398,448		302,377	9,287,955	370,773	9,874,453	
51	101 101	0	0	0	3,203,754	13,533	3,398,448		313,560	9,640,933	352,978	10,207,750	
52	102 102	0	0	0	3,215,810	12,055	3,398,448		323,934	10,001,118	360,185	10,550,738	
53	103 103	0	0	0	3,226,486	10,676	3,398,448		334,611	10,368,946	367,828	10,903,748	
54	104 104	0	0	0	3,236,002	9,516	3,398,448		345,604	10,745,132	376,186	11,267,186	
55	105 105	0	0	0	3,244,635	8,633	3,398,448		356,925	11,130,728	385,596	11,641,460	
56	106 106	0	0	0	3,252,894	8,259	3,398,448		368,585	11,527,647	396,918	12,026,965	
57	107 107	0	0	0	3,261,767	8,873	3,398,448		380,595	11,939,696	412,049	12,424,053	
58	108 108	0	0	0	3,270,291	8,525	3,398,448		392,964	12,363,845	424,149	12,832,964	
59	109 109	0	0	0	3,278,455	8,163	3,398,448		405,700	12,800,436	436,592	13,254,064	
60	110 110	0	0	0	3,286,302	7,847	3,398,448		418,817	13,249,876	449,440	13,687,729	
61	111 111	0	0	0	3,293,816	7,515	3,398,448		432,326	13,712,519	462,643	14,134,347	
62	112 112	0	0	0	3,301,043	7,227	3,398,448		446,239	14,188,792	476,273	14,594,317	
63	113 113	0	0	0	3,307,947	6,904	3,398,448		460,567	14,679,055	490,263	15,068,053	
64	114 114	0	0	0	3,314,571	6,624	3,398,448		475,326	15,183,759	504,704	15,555,979	
65	115 115	0	0	0	3,320,899	6,329	3,398,448		490,526	15,703,314	519,554	16,058,534	

# Survivorship Whole Life

**Basic Ledger**  
(continued)

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Premium Breakdown			Guaranteed			EOY Reduced Paid-up Death Benefit	Non-Guaranteed			
		Base Contract Premium	EPPUA Premium	Total Premium	Total Cash Value	Increase In Total Cash Value	Total Death Benefit		Dividend	Total Cash Value	Increase In Total Cash Value	Total Death Benefit
66	116	116	0	0	3,326,976	6,076	3,398,448		506,183	16,238,193	534,879	16,576,171
67	117	117	0	0	3,332,784	5,809	3,398,448		522,310	16,788,839	550,646	17,109,355
68	118	118	0	0	3,338,330	5,545	3,398,448		538,922	17,355,726	566,887	17,658,569
69	119	119	0	0	3,343,634	5,304	3,398,448		556,033	17,939,352	583,626	18,224,308
70	120	120	0	0	3,348,722	5,088	3,398,448		573,660	18,540,249	600,897	18,807,083
71	121	121	0	0	3,398,448	49,726	3,398,448		591,819	19,407,422	867,172	19,407,422

The non-guaranteed values illustrated avoid Modified Endowment Contract (MEC) status. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Supplemental Ledger - Current Dividend Scale

### Values

#### Current Dividend Scale

*Refer back to the basic illustration for guaranteed elements and other important information.*

*Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.*

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans, if illustrated.

The policy shown in this illustration is not guaranteed to be a paid-up policy until after the policy payment period ends. Any suspension of premium shown prior to the end of the policy payment period is dependent on the dividends assumed in the illustration. Future dividends may be less than those illustrated which may result in the need to continue premium payments or resume premium payments after an initial suspension of such premium payments.

### Non-Guaranteed

Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
1	51 51	95,620	1,088	95,620	95,620	0	0	59,081	59,081	-36,540	2,185,144	185,145
2	52 52	95,620	2,324	95,620	191,241	0	0	132,000	72,919	-22,701	2,379,042	403,042
3	53 53	95,620	3,650	95,620	286,861	0	0	231,544	99,544	3,924	2,571,230	687,231
4	54 54	95,620	5,071	95,620	382,481	0	0	335,464	103,920	8,300	2,761,929	965,929
5	55 55	95,620	6,585	95,620	478,102	0	0	443,953	108,489	12,868	2,951,347	1,241,347
6	56 56	95,620	8,735	95,620	573,722	0	0	557,809	113,856	18,236	3,140,214	1,514,215
7	57 57	95,620	11,429	95,620	669,342	0	0	677,703	119,894	24,274	3,330,097	1,784,098
8	58 58	95,620	14,270	95,620	764,962	0	0	803,945	126,242	30,622	3,521,867	2,053,868
9 <sup>1</sup>	59 59	0	16,985	0	764,962	0	0	845,020	41,074	41,074	2,093,432	
10	60 60	0	18,054	0	764,962	0	0	888,186	43,167	43,167	2,137,095	



# Survivorship Whole Life

**Supplemental Ledger**  
**Current Dividend Scale**  
 (continued)

## Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

		Non-Guaranteed										
Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
11	61 61	0	19,143	0	764,962	0	0	933,679	45,492	45,492	2,182,151	
12	62 62	0	20,294	0	764,962	0	0	981,615	47,936	47,936	2,228,577	
13	63 63	0	21,534	0	764,962	0	0	1,032,138	50,523	50,523	2,276,436	
14	64 64	0	22,822	0	764,962	0	0	1,085,353	53,215	53,215	2,325,772	
15	65 65	0	24,277	0	764,962	0	0	1,141,482	56,129	56,129	2,376,692	
16	66 66	0	25,790	0	764,962	0	0	1,200,644	59,162	59,162	2,429,323	
17	67 67	0	27,412	0	764,962	0	0	1,263,009	62,365	62,365	2,483,707	
18	68 68	0	29,125	0	764,962	0	0	1,328,730	65,721	65,721	2,539,914	
19	69 69	0	30,959	0	764,962	0	0	1,397,987	69,257	69,257	2,598,016	
20	70 70	0	32,946	0	764,962	0	0	1,470,986	72,999	72,999	2,658,139	
21	71 71	0	25,365	0	764,962	1,325,000	1,003,709	148,396	-1,322,591	-1,322,591	1,021,656	
22	72 72	0	27,004	0	764,962	0	1,060,921	150,696	2,300	2,300	1,011,107	
23	73 73	0	28,753	0	764,962	0	1,121,393	152,824	2,128	2,128	999,001	
24	74 74	0	30,661	0	764,962	0	1,185,313	154,748	1,924	1,924	985,277	
25	75 75	0	32,696	0	764,962	0	1,252,875	156,380	1,632	1,632	969,858	
26	76 76	0	34,933	0	764,962	0	1,324,289	157,681	1,302	1,302	952,698	
27	77 77	0	37,271	0	764,962	0	1,399,774	158,501	819	819	933,676	
28	78 78	0	39,786	0	764,962	0	1,479,561	158,720	219	219	912,670	
29	79 79	0	42,489	0	764,962	0	1,563,896	158,200	-520	-520	889,590	
30	80 80	0	45,395	0	764,962	0	1,653,038	156,744	-1,455	-1,455	864,345	
31	81 81	0	48,567	0	764,962	0	1,747,261	154,145	-2,600	-2,600	836,894	
32	82 82	0	52,000	0	764,962	0	1,846,855	150,150	-3,995	-3,995	807,196	
33	83 83	0	55,555	0	764,962	0	1,952,126	144,521	-5,629	-5,629	775,046	
34	84 84	0	59,344	0	764,962	0	2,063,397	136,999	-7,522	-7,522	740,281	
35	85 85	0	63,386	0	764,962	0	2,181,010	127,183	-9,816	-9,816	702,775	



# Survivorship Whole Life

**Supplemental Ledger**  
**Current Dividend Scale**  
 (continued)

## Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Non-Guaranteed												
Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
36	86 86	0	68,191	0	764,962	0	2,305,328	114,585	-12,598	-12,598	662,902	
37 <sup>2</sup>	87 87	0	0	0	764,962	0	2,348,802	113,849	-736	-736	635,327	
38	88 88	0	0	0	764,962	0	2,390,284	112,774	-1,075	-1,075	593,845	
39	89 89	0	0	0	764,962	0	2,429,504	111,264	-1,510	-1,510	554,625	
40	90 90	0	0	0	764,962	0	2,466,106	109,530	-1,735	-1,735	518,023	
41	91 91	0	0	0	764,962	0	2,499,949	107,661	-1,868	-1,868	484,180	
42	92 92	0	0	0	764,962	0	2,530,984	105,874	-1,787	-1,787	453,145	
43	93 93	0	0	0	764,962	0	2,559,372	104,202	-1,673	-1,673	424,757	
44	94 94	0	0	0	764,962	0	2,585,303	102,704	-1,498	-1,498	398,826	
45	95 95	0	0	0	764,962	0	2,609,018	101,790	-913	-913	375,111	
46	96 96	0	0	0	764,962	0	2,631,150	101,391	-399	-399	352,979	
47	97 97	0	0	0	764,962	0	2,652,243	100,287	-1,104	-1,104	331,886	
48	98 98	0	0	0	764,962	0	2,671,645	99,102	-1,185	-1,185	312,484	
49	99 99	0	0	0	764,962	0	2,689,328	97,724	-1,378	-1,378	294,801	
50	100 100	0	0	0	764,962	0	2,705,152	96,132	-1,592	-1,592	278,977	
51	101 101	0	0	0	764,962	0	2,718,967	94,209	-1,923	-1,923	265,162	
52	102 102	0	0	0	764,962	0	2,730,509	93,241	-968	-968	253,620	
53	103 103	0	0	0	764,962	0	2,740,773	92,358	-883	-883	243,356	
54	104 104	0	0	0	764,962	0	2,749,877	91,609	-749	-749	234,252	
55	105 105	0	0	0	764,962	0	2,757,988	91,082	-528	-528	226,141	
56	106 106	0	0	0	764,962	0	2,765,348	90,974	-107	-107	218,781	
57	107 107	0	0	0	764,962	0	2,772,387	91,730	755	755	211,742	
58	108 108	0	0	0	764,962	0	2,779,953	91,643	-87	-87	204,176	
59	109 109	0	0	0	764,962	0	2,787,212	91,561	-82	-82	196,917	
60	110 110	0	0	0	764,962	0	2,794,178	91,481	-80	-80	189,951	

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

		<b>Non-Guaranteed</b>										
Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
61	111 111	0	0	0	764,962	0	2,800,861	91,401	-79	-79	183,268	
62	112 112	0	0	0	764,962	0	2,807,271	91,322	-79	-79	176,858	
63	113 113	0	0	0	764,962	0	2,813,416	91,245	-77	-77	170,713	
64	114 114	0	0	0	764,962	0	2,819,306	91,168	-77	-77	164,823	
65	115 115	0	0	0	764,962	0	2,824,948	91,093	-75	-75	159,181	
66	116 116	0	0	0	764,962	0	2,830,350	91,017	-76	-76	153,779	
67	117 117	0	0	0	764,962	0	2,835,521	90,944	-73	-73	148,608	
68	118 118	0	0	0	764,962	0	2,840,468	90,872	-71	-71	143,661	
69	119 119	0	0	0	764,962	0	2,845,201	90,800	-72	-72	138,928	
70	120 120	0	0	0	764,962	0	2,849,725	90,732	-69	-69	134,404	
71	121 121	0	0	0	764,962	0	2,854,049	130,080	39,348	39,348	130,080	

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>Overloan Protection Benefit Rider exercised in year 37. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.

The non-guaranteed values illustrated avoid Modified Endowment Contract (MEC) status. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.



### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Supplemental Ledger - Alternate Dividend Scale

### Values

#### 0.25% Reduction

*Refer back to the basic illustration for guaranteed elements and other important information.*

*Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.*

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at an alternate scale which assumes an interest factor that is 0.25% less than the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans if illustrated.

The policy shown in this illustration is not guaranteed to be a paid-up policy until after the policy payment period ends. Any suspension of premium shown prior to the end of the policy payment period is dependent on the dividends assumed in the illustration. Future dividends may be less than those illustrated which may result in the need to continue premium payments or resume premium payments after an initial suspension of such premium payments.

### Non-Guaranteed

Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
1	51 51	95,620	948	95,620	95,620	0	0	58,941	58,941	-36,679	2,185,004	185,005
2	52 52	95,620	2,024	95,620	191,241	0	0	131,556	72,615	-23,006	2,378,298	402,298
3	53 53	95,620	3,176	95,620	286,861	0	0	230,613	99,058	3,437	2,569,389	685,390
4	54 54	95,620	4,419	95,620	382,481	0	0	333,854	103,240	7,620	2,758,493	962,493
5	55 55	95,620	5,744	95,620	478,102	0	0	441,453	107,599	11,979	2,945,828	1,235,828
6	56 56	95,620	7,374	95,620	573,722	0	0	553,874	112,421	16,801	3,131,804	1,505,804
7	57 57	95,620	9,757	95,620	669,342	0	0	671,979	118,105	22,485	3,317,649	1,771,649
8	58 58	95,620	12,267	95,620	764,962	0	0	796,048	124,069	28,449	3,504,643	2,036,644
9 <sup>1</sup>	59 59	0	14,824	0	764,962	0	0	834,726	38,678	38,678	2,070,878	
10	60 60	0	15,741	0	764,962	0	0	875,274	40,548	40,548	2,108,969	



# Survivorship Whole Life

Supplemental Ledger  
Alternate Dividend Scale  
(continued)

## Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
Female, Age 50, Preferred Non-Tobacco  
Contract Premium Mode: Annual  
EPPUA Premium Mode: Annual  
Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

		Non-Guaranteed										
Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
11	61 61	0	16,669	0	764,962	0	0	917,910	42,636	42,636	2,148,231	
12	62 62	0	17,650	0	764,962	0	0	962,735	44,825	44,825	2,188,637	
13	63 63	0	18,710	0	764,962	0	0	1,009,876	47,141	47,141	2,230,241	
14	64 64	0	19,806	0	764,962	0	0	1,059,419	49,543	49,543	2,273,083	
15	65 65	0	21,033	0	764,962	0	0	1,111,543	52,124	52,124	2,317,239	
16	66 66	0	22,328	0	764,962	0	0	1,166,368	54,825	54,825	2,362,822	
17	67 67	0	23,719	0	764,962	0	0	1,224,042	57,674	57,674	2,409,892	
18	68 68	0	25,161	0	764,962	0	0	1,284,669	60,627	60,627	2,458,485	
19	69 69	0	26,730	0	764,962	0	0	1,348,428	63,759	63,759	2,508,664	
20	70 70	0	28,385	0	764,962	0	0	1,415,446	67,018	67,018	2,560,514	
21 <sup>2</sup>	71 71	0	21,929	0	764,962	1,325,000	1,003,709	87,839	-1,327,607	-1,327,607	916,830	
22	72 72	0	23,328	0	764,962	0	1,060,921	84,755	-3,085	-3,085	899,942	
23	73 73	0	24,821	0	764,962	0	1,121,393	81,110	-3,645	-3,645	881,235	
24	74 74	0	26,455	0	764,962	0	1,185,313	76,848	-4,262	-4,262	860,634	
25	75 75	0	28,197	0	764,962	0	1,252,875	71,860	-4,988	-4,988	838,049	
26	76 76	0	30,117	0	764,962	0	1,324,289	66,081	-5,779	-5,779	813,416	
27 <sup>3</sup>	77 77	0	0	0	764,962	0	1,359,795	67,196	1,115	1,115	794,458	
28	78 78	0	0	0	764,962	0	1,395,610	68,213	1,017	1,017	758,642	
29	79 79	0	0	0	764,962	0	1,431,632	69,115	902	902	722,620	
30	80 80	0	0	0	764,962	0	1,467,744	69,859	744	744	686,508	
31	81 81	0	0	0	764,962	0	1,503,790	70,394	536	536	650,462	
32	82 82	0	0	0	764,962	0	1,539,567	70,713	318	318	614,685	
33	83 83	0	0	0	764,962	0	1,574,869	70,961	248	248	579,384	
34	84 84	0	0	0	764,962	0	1,609,637	71,050	88	88	544,615	
35	85 85	0	0	0	764,962	0	1,643,727	70,882	-168	-168	510,525	



# Survivorship Whole Life

**Supplemental Ledger**  
**Alternate Dividend Scale**  
 (continued)

## Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

		Non-Guaranteed										
Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
36	86 86	0	0	0	764,962	0	1,676,903	70,040	-842	-842	477,349	
37	87 87	0	0	0	764,962	0	1,708,526	69,269	-770	-770	445,726	
38	88 88	0	0	0	764,962	0	1,738,700	68,265	-1,004	-1,004	415,552	
39	89 89	0	0	0	764,962	0	1,767,229	66,960	-1,305	-1,305	387,023	
40	90 90	0	0	0	764,962	0	1,793,853	65,506	-1,454	-1,454	360,399	
41	91 91	0	0	0	764,962	0	1,818,471	63,971	-1,535	-1,535	335,781	
42	92 92	0	0	0	764,962	0	1,841,046	62,510	-1,461	-1,461	313,206	
43	93 93	0	0	0	764,962	0	1,861,696	61,147	-1,364	-1,364	292,556	
44	94 94	0	0	0	764,962	0	1,880,558	59,923	-1,224	-1,224	273,694	
45	95 95	0	0	0	764,962	0	1,897,808	59,133	-790	-790	256,444	
46	96 96	0	0	0	764,962	0	1,913,907	58,723	-410	-410	240,345	
47	97 97	0	0	0	764,962	0	1,929,250	57,810	-913	-913	225,002	
48	98 98	0	0	0	764,962	0	1,943,363	56,848	-962	-962	210,889	
49	99 99	0	0	0	764,962	0	1,956,226	55,756	-1,092	-1,092	198,027	
50	100 100	0	0	0	764,962	0	1,967,736	54,520	-1,236	-1,236	186,516	
51	101 101	0	0	0	764,962	0	1,977,785	53,056	-1,464	-1,464	176,467	
52	102 102	0	0	0	764,962	0	1,986,181	52,293	-763	-763	168,071	
53	103 103	0	0	0	764,962	0	1,993,647	51,599	-694	-694	160,605	
54	104 104	0	0	0	764,962	0	2,000,270	51,009	-591	-591	153,982	
55	105 105	0	0	0	764,962	0	2,006,169	50,583	-426	-426	148,083	
56	106 106	0	0	0	764,962	0	2,011,523	50,465	-118	-118	142,729	
57	107 107	0	0	0	764,962	0	2,016,643	50,972	507	507	137,609	
58	108 108	0	0	0	764,962	0	2,022,146	50,867	-104	-104	132,106	
59	109 109	0	0	0	764,962	0	2,027,427	50,768	-99	-99	126,825	
60	110 110	0	0	0	764,962	0	2,032,494	50,672	-96	-96	121,758	

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

		<b>Non-Guaranteed</b>										
Year	Age	Total Premium	Dividend	Premium Outlay	Cum. Premium Outlay	Income	Total Loan Balance	Total Net Cash Value	Change in Total Net Cash Value	Change in Net CV Less Prem. Outlay	Total Net Death Benefit	EOY Reduced Paid-up Death Benefit
61	111 111	0	0	0	764,962	0	2,037,356	50,578	-94	-94	116,897	
62	112 112	0	0	0	764,962	0	2,042,018	50,486	-92	-92	112,234	
63	113 113	0	0	0	764,962	0	2,046,488	50,396	-90	-90	107,764	
64	114 114	0	0	0	764,962	0	2,050,772	50,308	-88	-88	103,480	
65	115 115	0	0	0	764,962	0	2,054,876	50,223	-85	-85	99,376	
66	116 116	0	0	0	764,962	0	2,058,806	50,138	-84	-84	95,446	
67	117 117	0	0	0	764,962	0	2,062,567	50,057	-81	-81	91,685	
68	118 118	0	0	0	764,962	0	2,066,166	49,978	-79	-79	88,086	
69	119 119	0	0	0	764,962	0	2,069,608	49,900	-78	-78	84,644	
70	120 120	0	0	0	764,962	0	2,072,899	49,826	-75	-75	81,353	
71	121 121	0	0	0	764,962	0	2,076,045	78,207	28,382	28,382	78,207	

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>This policy will become a MEC in policy year 21. The 7-Pay Premium in year 21 is \$90,773. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

As illustrated under the Non-Guaranteed values, some of the income will be taxable. Please contact your tax professional for more information.

<sup>3</sup>Overloan Protection Benefit Rider exercised in year 27. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.



## Survivorship Whole Life



**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
Female, Age 50, Preferred Non-Tobacco  
Contract Premium Mode: Annual  
EPPUA Premium Mode: Annual  
Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

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## About The Penn Mutual Life Insurance Company

For more than 175 years, Penn Mutual has been helping people get stronger. Our expertly crafted life insurance is vital to long-term financial health and strengthens people's ability to enjoy every day. Working with our trusted network of financial professionals, we take the long view, building customized solutions for individuals, their families, and their businesses. Penn Mutual supports its financial professionals with retirement and investment services through its wholly owned subsidiary Hornor, Townsend & Kent, LLC, member FINRA/SIPC.

**Visit Penn Mutual at [www.pennmutual.com](http://www.pennmutual.com).**

**All guarantees are based on the claims paying ability of the issuing company.**

This illustration assumes that the currently illustrated non-guaranteed elements will continue for all years shown. This is not likely to occur, and actual results may be more or less favorable than those shown.

Version #: 2.27.0

Illustration Case ID: 15002229

## Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Internal Rate of Return Report

### Purpose of this Report

Refer back to the basic illustration for guaranteed elements and other important information.

This report shows you what interest rate return you would have to earn on your net premium outlay in order to equal the cash value and death benefit on this illustration. This report does not reflect the impact of any taxes on your rate of return. Please consult the Tax Summary Report or your tax professional for details.

### Values

#### Current Dividend Scale

Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans, if illustrated.

### Non-Guaranteed

Year	Age	Total Premium	Net Premium Outlay	Total Net Cash Value	IRR on Total Net Cash Value	Total Net Death Benefit	IRR on Total Net Death Benefit
1	51 51	95,620	95,620	59,081	-38.21%	2,185,144	2185.23%
2	52 52	95,620	95,620	132,000	-22.31%	2,379,042	351.30%
3	53 53	95,620	95,620	231,544	-10.34%	2,571,230	159.83%
4	54 54	95,620	95,620	335,464	-5.18%	2,761,929	97.69%
5	55 55	95,620	95,620	443,953	-2.46%	2,951,347	68.38%
6	56 56	95,620	95,620	557,809	-0.80%	3,140,214	51.71%
7	57 57	95,620	95,620	677,703	0.31%	3,330,097	41.12%
8	58 58	95,620	95,620	803,945	1.10%	3,521,867	33.88%
9 <sup>1</sup>	59 59	0	0	845,020	1.81%	2,093,432	18.48%
10	60 60	0	0	888,186	2.30%	2,137,095	16.09%
11	61 61	0	0	933,679	2.67%	2,182,151	14.29%
12	62 62	0	0	981,615	2.95%	2,228,577	12.90%
13	63 63	0	0	1,032,138	3.18%	2,276,436	11.78%
14	64 64	0	0	1,085,353	3.36%	2,325,772	10.88%
15	65 65	0	0	1,141,482	3.51%	2,376,692	10.13%
16	66 66	0	0	1,200,644	3.64%	2,429,323	9.50%
17	67 67	0	0	1,263,009	3.76%	2,483,707	8.96%
18	68 68	0	0	1,328,730	3.85%	2,539,914	8.50%
19	69 69	0	0	1,397,987	3.94%	2,598,016	8.10%
20	70 70	0	0	1,470,986	4.02%	2,658,139	7.75%
21	71 71	0	-1,325,000	148,396	4.00%	1,021,656	6.78%
22	72 72	0	0	150,696	3.99%	1,011,107	6.59%
23	73 73	0	0	152,824	3.97%	999,001	6.41%
24	74 74	0	0	154,748	3.96%	985,277	6.24%
25	75 75	0	0	156,380	3.94%	969,858	6.09%

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

		Non-Guaranteed					
Year	Age	Total Premium	Net Premium Outlay	Total Net Cash Value	IRR on Total Net Cash Value	Total Net Death Benefit	IRR on Total Net Death Benefit
26	76 76	0	0	157,681	3.93%	952,698	5.94%
27	77 77	0	0	158,501	3.91%	933,676	5.80%
28	78 78	0	0	158,720	3.89%	912,670	5.66%
29	79 79	0	0	158,200	3.87%	889,590	5.53%
30	80 80	0	0	156,744	3.85%	864,345	5.40%
31	81 81	0	0	154,145	3.83%	836,894	5.28%
32	82 82	0	0	150,150	3.80%	807,196	5.16%
33	83 83	0	0	144,521	3.77%	775,046	5.04%
34	84 84	0	0	136,999	3.74%	740,281	4.93%
35	85 85	0	0	127,183	3.70%	702,775	4.82%
36	86 86	0	0	114,585	3.66%	662,902	4.71%
37 <sup>2</sup>	87 87	0	0	113,849	3.65%	635,327	4.62%
38	88 88	0	0	112,774	3.64%	593,845	4.51%
39	89 89	0	0	111,264	3.63%	554,625	4.42%
40	90 90	0	0	109,530	3.61%	518,023	4.33%
41	91 91	0	0	107,661	3.60%	484,180	4.25%
42	92 92	0	0	105,874	3.59%	453,145	4.18%
43	93 93	0	0	104,202	3.58%	424,757	4.11%
44	94 94	0	0	102,704	3.57%	398,826	4.05%
45	95 95	0	0	101,790	3.56%	375,111	4.00%
46	96 96	0	0	101,391	3.56%	352,979	3.94%
47	97 97	0	0	100,287	3.55%	331,886	3.90%
48	98 98	0	0	99,102	3.54%	312,484	3.86%
49	99 99	0	0	97,724	3.53%	294,801	3.82%
50	100 100	0	0	96,132	3.52%	278,977	3.78%
51	101 101	0	0	94,209	3.52%	265,162	3.75%
52	102 102	0	0	93,241	3.51%	253,620	3.73%
53	103 103	0	0	92,358	3.50%	243,356	3.70%
54	104 104	0	0	91,609	3.50%	234,252	3.68%
55	105 105	0	0	91,082	3.49%	226,141	3.66%
56	106 106	0	0	90,974	3.49%	218,781	3.64%
57	107 107	0	0	91,730	3.49%	211,742	3.63%
58	108 108	0	0	91,643	3.48%	204,176	3.61%
59	109 109	0	0	91,561	3.48%	196,917	3.60%
60	110 110	0	0	91,481	3.48%	189,951	3.58%



**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

		<b>Non-Guaranteed</b>					
Year	Age	Total Premium	Net Premium Outlay	Total Net Cash Value	IRR on Total Net Cash Value	Total Net Death Benefit	IRR on Total Net Death Benefit
61	111 111	0	0	91,401	3.47%	183,268	3.57%
62	112 112	0	0	91,322	3.47%	176,858	3.56%
63	113 113	0	0	91,245	3.47%	170,713	3.54%
64	114 114	0	0	91,168	3.46%	164,823	3.53%
65	115 115	0	0	91,093	3.46%	159,181	3.52%
66	116 116	0	0	91,017	3.46%	153,779	3.51%
67	117 117	0	0	90,944	3.45%	148,608	3.50%
68	118 118	0	0	90,872	3.45%	143,661	3.50%
69	119 119	0	0	90,800	3.45%	138,928	3.49%
70	120 120	0	0	90,732	3.44%	134,404	3.48%
71	121 121	0	0	130,080	3.47%	130,080	3.47%

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>Overloan Protection Benefit Rider exercised in year 37. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.

The non-guaranteed values illustrated avoid Modified Endowment Contract (MEC) status. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

**Column Headings**

Please see the Definitions section of this illustration for any column header definitions not listed below.

**IRR on Total Net Cash Value**

The annual rate of return that the annualized net premium outlay would have to have earned in each year up to the end of the policy year to result in the same cash value shown for that policy year.

**IRR on Total Net Death Benefit**

The annual rate of return that the annualized net premium outlay would have to have earned in each year up to the end of the policy year to result in the same death benefit shown for that policy year.

**Net Premium Outlay**

Contract premiums less dividends used to reduce the premium, less dividends paid in cash, less PUA/dividend surrenders and/or loans.

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Distribution Summary

### Purpose of this Report

Refer back to the basic illustration for guaranteed elements and other important information.

This report shows you the breakdown of PUA/dividend surrenders and/or policy loans, if any, of this illustration.

### Values

#### Current Dividend Scale

Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans, if illustrated.

Year	Age	Premium			Non-Guaranteed Distributions				Total Dist. from Policy	Loans	
		Total Contract Premium	Total Premium Incl. PUAR	Out-of-Pocket Payment	Div. Surr. to Pay Prem.	Div. Surr. to Owner	Loan to Pay Prem.	Loan to Owner		Loan Interest	Total Loan Balance
1	51 51	29,380	95,620	95,620	0	0	0	0	0	0	0
2	52 52	29,380	95,620	95,620	0	0	0	0	0	0	0
3	53 53	29,380	95,620	95,620	0	0	0	0	0	0	0
4	54 54	29,380	95,620	95,620	0	0	0	0	0	0	0
5	55 55	29,380	95,620	95,620	0	0	0	0	0	0	0
6	56 56	29,380	95,620	95,620	0	0	0	0	0	0	0
7	57 57	29,380	95,620	95,620	0	0	0	0	0	0	0
8	58 58	29,380	95,620	95,620	0	0	0	0	0	0	0
9 <sup>1</sup>	59 59	0	0	0	0	0	0	0	0	0	0
10	60 60	0	0	0	0	0	0	0	0	0	0



# Survivorship Whole Life

## Distribution Summary Current Dividend Scale (continued)

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Premium			Non-Guaranteed Distributions				Loans			
		Total Contract Premium	Total Premium Incl. PUAR	Out-of-Pocket Payment	Div. Surr. to Pay Prem.	Div. Surr. to Owner	Loan to Pay Prem.	Loan to Owner	Total Dist. from Policy	Loan Interest	Total Loan Balance	
11	61 61	0	0	0	0	0	0	0	0	0	0	0
12	62 62	0	0	0	0	0	0	0	0	0	0	0
13	63 63	0	0	0	0	0	0	0	0	0	0	0
14	64 64	0	0	0	0	0	0	0	0	0	0	0
15	65 65	0	0	0	0	0	0	0	0	0	0	0
16	66 66	0	0	0	0	0	0	0	0	0	0	0
17	67 67	0	0	0	0	0	0	0	0	0	0	0
18	68 68	0	0	0	0	0	0	0	0	0	0	0
19	69 69	0	0	0	0	0	0	0	0	0	0	0
20	70 70	0	0	0	0	0	0	0	0	0	0	0
21	71 71	0	0	0	0	375,417	0	949,583	1,325,000	54,126	1,003,709	
22	72 72	0	0	0	0	0	0	0	0	57,211	1,060,921	
23	73 73	0	0	0	0	0	0	0	0	60,472	1,121,393	
24	74 74	0	0	0	0	0	0	0	0	63,919	1,185,313	
25	75 75	0	0	0	0	0	0	0	0	67,563	1,252,875	
26	76 76	0	0	0	0	0	0	0	0	71,414	1,324,289	
27	77 77	0	0	0	0	0	0	0	0	75,484	1,399,774	
28	78 78	0	0	0	0	0	0	0	0	79,787	1,479,561	
29	79 79	0	0	0	0	0	0	0	0	84,335	1,563,896	
30	80 80	0	0	0	0	0	0	0	0	89,142	1,653,038	



# Survivorship Whole Life

## Distribution Summary Current Dividend Scale (continued)

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Premium			Non-Guaranteed Distributions				Total Dist. from Policy	Loans	
		Total Contract Premium	Total Premium Incl. PUAR	Out-of-Pocket Payment	Div. Surr. to Pay Prem.	Div. Surr. to Owner	Loan to Pay Prem.	Loan to Owner		Loan Interest	Total Loan Balance
31	81 81	0	0	0	0	0	0	0	0	94,223	1,747,261
32	82 82	0	0	0	0	0	0	0	0	99,594	1,846,855
33	83 83	0	0	0	0	0	0	0	0	105,271	1,952,126
34	84 84	0	0	0	0	0	0	0	0	111,271	2,063,397
35	85 85	0	0	0	0	0	0	0	0	117,614	2,181,010
36	86 86	0	0	0	0	0	0	0	0	124,318	2,305,328
37 <sup>2</sup>	87 87	0	0	0	0	0	0	0	0	43,474	2,348,802
38	88 88	0	0	0	0	0	0	0	0	41,482	2,390,284
39	89 89	0	0	0	0	0	0	0	0	39,220	2,429,504
40	90 90	0	0	0	0	0	0	0	0	36,602	2,466,106
41	91 91	0	0	0	0	0	0	0	0	33,843	2,499,949
42	92 92	0	0	0	0	0	0	0	0	31,035	2,530,984
43	93 93	0	0	0	0	0	0	0	0	28,389	2,559,372
44	94 94	0	0	0	0	0	0	0	0	25,931	2,585,303
45	95 95	0	0	0	0	0	0	0	0	23,715	2,609,018
46	96 96	0	0	0	0	0	0	0	0	22,131	2,631,150
47	97 97	0	0	0	0	0	0	0	0	21,093	2,652,243
48	98 98	0	0	0	0	0	0	0	0	19,402	2,671,645
49	99 99	0	0	0	0	0	0	0	0	17,682	2,689,328
50	100 100	0	0	0	0	0	0	0	0	15,825	2,705,152



# Survivorship Whole Life

## Distribution Summary Current Dividend Scale (continued)

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Premium			Non-Guaranteed Distributions				Total Dist. from Policy	Loans	
		Total Contract Premium	Total Premium Incl. PUAR	Out-of-Pocket Payment	Div. Surr. to Pay Prem.	Div. Surr. to Owner	Loan to Pay Prem.	Loan to Owner		Loan Interest	Total Loan Balance
51	101 101	0	0	0	0	0	0	0	0	13,815	2,718,967
52	102 102	0	0	0	0	0	0	0	0	11,542	2,730,509
53	103 103	0	0	0	0	0	0	0	0	10,263	2,740,773
54	104 104	0	0	0	0	0	0	0	0	9,105	2,749,877
55	105 105	0	0	0	0	0	0	0	0	8,110	2,757,988
56	106 106	0	0	0	0	0	0	0	0	7,360	2,765,348
57	107 107	0	0	0	0	0	0	0	0	7,039	2,772,387
58	108 108	0	0	0	0	0	0	0	0	7,566	2,779,953
59	109 109	0	0	0	0	0	0	0	0	7,259	2,787,212
60	110 110	0	0	0	0	0	0	0	0	6,966	2,794,178
61	111 111	0	0	0	0	0	0	0	0	6,683	2,800,861
62	112 112	0	0	0	0	0	0	0	0	6,410	2,807,271
63	113 113	0	0	0	0	0	0	0	0	6,145	2,813,416
64	114 114	0	0	0	0	0	0	0	0	5,890	2,819,306
65	115 115	0	0	0	0	0	0	0	0	5,642	2,824,948
66	116 116	0	0	0	0	0	0	0	0	5,403	2,830,350
67	117 117	0	0	0	0	0	0	0	0	5,170	2,835,521
68	118 118	0	0	0	0	0	0	0	0	4,947	2,840,468
69	119 119	0	0	0	0	0	0	0	0	4,733	2,845,201
70	120 120	0	0	0	0	0	0	0	0	4,524	2,849,725
71	121 121	0	0	0	0	0	0	0	0	4,324	2,854,049

## Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>Overloan Protection Benefit Rider exercised in year 37. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.

The non-guaranteed values illustrated avoid Modified Endowment Contract (MEC) status. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

### Column Headings

Please see the Definitions section of this illustration for any column header definitions not listed below.

#### Total Contract Premium

The amount of premium to be paid during the policy year for the base policy and any illustrated riders other than PUAR.

#### Total Premium Including PUAR

The sum of the base contract premium plus all rider premiums to be paid during the policy year, including PUAR premium.

#### Out-of-Pocket Payments

The amount you will pay after PUA/dividend surrenders or loans are applied.

#### Dividend Surrenders to Pay Premium

Amount of PUA/dividend surrenders used to reduce the premium outlay.

#### Dividend Surrenders to Owner

Amount of PUA/dividend surrenders paid as income to the policy owner, including those used to repay a portion of any outstanding loan balance.

#### Loans to Pay Premium

Amount of policy loans used to reduce the premium outlay.

#### Loans to Owner

Amount of policy loan paid as income to the policy owner.

#### Total Distribution from Policy

Total amount of loans and PUA/dividend surrenders distributed to the policy owner.

#### Loan Interest

Annual interest due on the loan balance. The current loan interest rate is 5.70%. This illustration assumes that this non-guaranteed rate will continue unchanged for all years shown. This is not likely to occur. The policy loan interest rate is adjustable and is subject to change by Penn Mutual annually.

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Tax Summary

### Purpose of this Report

Refer back to the basic illustration for guaranteed elements and other important information.

This report shows you the potential tax implications, if any, of your illustrated distributions.

### Values

#### Current Dividend Scale

Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans, if illustrated.

### Non-Guaranteed

Year	Age	Div. Surr. to Owner	Loans to Owner	Loan Interest	Gains			Taxes	
					Total Net Cash Value	Cost Basis	Gains	Amount Subject to Taxes	Taxes Owed Based on 50% Tax Bracket
1	51 51	0	0	0	59,081	95,620	0	0	0
2	52 52	0	0	0	132,000	191,241	0	0	0
3	53 53	0	0	0	231,544	286,861	0	0	0
4	54 54	0	0	0	335,464	382,481	0	0	0
5	55 55	0	0	0	443,953	478,102	0	0	0
6	56 56	0	0	0	557,809	573,722	0	0	0
7	57 57	0	0	0	677,703	669,342	8,361	0	0
8	58 58	0	0	0	803,945	764,962	38,983	0	0
9 <sup>1</sup>	59 59	0	0	0	845,020	764,962	80,057	0	0
10	60 60	0	0	0	888,186	764,962	123,224	0	0
11	61 61	0	0	0	933,679	764,962	168,716	0	0
12	62 62	0	0	0	981,615	764,962	216,653	0	0
13	63 63	0	0	0	1,032,138	764,962	267,176	0	0
14	64 64	0	0	0	1,085,353	764,962	320,391	0	0
15	65 65	0	0	0	1,141,482	764,962	376,520	0	0
16	66 66	0	0	0	1,200,644	764,962	435,681	0	0
17	67 67	0	0	0	1,263,009	764,962	498,047	0	0
18	68 68	0	0	0	1,328,730	764,962	563,768	0	0
19	69 69	0	0	0	1,397,987	764,962	633,025	0	0
20	70 70	0	0	0	1,470,986	764,962	706,024	0	0
21	71 71	375,417	949,583	54,126	148,396	389,545	762,559	0	0
22	72 72	0	0	57,211	150,696	389,545	822,071	0	0
23	73 73	0	0	60,472	152,824	389,545	884,671	0	0
24	74 74	0	0	63,919	154,748	389,545	950,515	0	0
25	75 75	0	0	67,563	156,380	389,545	1,019,710	0	0

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

**Non-Guaranteed**

**Gains**

**Taxes**

Year	Age	Div. Surr. to Owner	Loans to Owner	Loan Interest	Gains			Taxes	
					Total Net Cash Value	Cost Basis	Gains	Amount Subject to Taxes	Taxes Owed Based on 50% Tax Bracket
26	76 76	0	0	71,414	157,681	389,545	1,092,425	0	0
27	77 77	0	0	75,484	158,501	389,545	1,168,729	0	0
28	78 78	0	0	79,787	158,720	389,545	1,248,735	0	0
29	79 79	0	0	84,335	158,200	389,545	1,332,550	0	0
30	80 80	0	0	89,142	156,744	389,545	1,420,237	0	0
31	81 81	0	0	94,223	154,145	389,545	1,511,860	0	0
32	82 82	0	0	99,594	150,150	389,545	1,607,459	0	0
33	83 83	0	0	105,271	144,521	389,545	1,707,101	0	0
34	84 84	0	0	111,271	136,999	389,545	1,810,850	0	0
35	85 85	0	0	117,614	127,183	389,545	1,918,648	0	0
36	86 86	0	0	124,318	114,585	389,545	2,030,367	0	0
37 <sup>2</sup>	87 87	0	0	43,474	113,849	389,545	0	0	0
38	88 88	0	0	41,482	112,774	389,545	0	0	0
39	89 89	0	0	39,220	111,264	389,545	0	0	0
40	90 90	0	0	36,602	109,530	389,545	0	0	0
41	91 91	0	0	33,843	107,661	389,545	0	0	0
42	92 92	0	0	31,035	105,874	389,545	0	0	0
43	93 93	0	0	28,389	104,202	389,545	0	0	0
44	94 94	0	0	25,931	102,704	389,545	0	0	0
45	95 95	0	0	23,715	101,790	389,545	0	0	0
46	96 96	0	0	22,131	101,391	389,545	0	0	0
47	97 97	0	0	21,093	100,287	389,545	0	0	0
48	98 98	0	0	19,402	99,102	389,545	0	0	0
49	99 99	0	0	17,682	97,724	389,545	0	0	0
50	100 100	0	0	15,825	96,132	389,545	0	0	0
51	101 101	0	0	13,815	94,209	389,545	0	0	0
52	102 102	0	0	11,542	93,241	389,545	0	0	0
53	103 103	0	0	10,263	92,358	389,545	0	0	0
54	104 104	0	0	9,105	91,609	389,545	0	0	0
55	105 105	0	0	8,110	91,082	389,545	0	0	0
56	106 106	0	0	7,360	90,974	389,545	0	0	0
57	107 107	0	0	7,039	91,730	389,545	0	0	0
58	108 108	0	0	7,566	91,643	389,545	0	0	0
59	109 109	0	0	7,259	91,561	389,545	0	0	0
60	110 110	0	0	6,966	91,481	389,545	0	0	0



### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

### Non-Guaranteed

#### Gains

#### Taxes

Year	Age	Div. Surr. to Owner	Loans to Owner	Loan Interest	Total Net Cash Value	Cost Basis	Gains	Taxes	
								Amount Subject to Taxes	Taxes Owed Based on 50% Tax Bracket
61	111 111	0	0	6,683	91,401	389,545	0	0	0
62	112 112	0	0	6,410	91,322	389,545	0	0	0
63	113 113	0	0	6,145	91,245	389,545	0	0	0
64	114 114	0	0	5,890	91,168	389,545	0	0	0
65	115 115	0	0	5,642	91,093	389,545	0	0	0
66	116 116	0	0	5,403	91,017	389,545	0	0	0
67	117 117	0	0	5,170	90,944	389,545	0	0	0
68	118 118	0	0	4,947	90,872	389,545	0	0	0
69	119 119	0	0	4,733	90,800	389,545	0	0	0
70	120 120	0	0	4,524	90,732	389,545	0	0	0
71	121 121	0	0	4,324	130,080	389,545	0	0	0

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>Overloan Protection Benefit Rider exercised in year 37. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.

The non-guaranteed values illustrated avoid Modified Endowment Contract (MEC) status. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

### Column Headings

Please see the Definitions section of this illustration for any column header definitions not listed below.

#### Amount Subject to Taxes

Taxable portion of any distributions.

#### Cost Basis

The amount of premium less PUA/dividend surrenders or dividends used to reduce the premium or paid out as income.

#### Dividend Surrenders to Owner

Amount of PUA/dividend surrenders paid as income to the policy owner.

#### Gains

The total cash value, including loans, less the cost basis.

#### Loan Interest

Annual interest due on the loan balance. The assumed loan interest rate is 5.70%.

#### Loans to Owner

Amount of policy loan paid as income to the policy owner.

#### Taxes Owed Based on 50% Tax Bracket

The amount of tax that is owed based on the owner's tax bracket.

### Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
Female, Age 50, Preferred Non-Tobacco  
Contract Premium Mode: Annual  
EPPUA Premium Mode: Annual  
Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

### Important Tax Information

In general, the accumulated value of a life insurance policy is tax deferred, but may be subject to taxation at the time of a PUA/dividend surrender, full policy surrender or lapse to the extent they exceed the cost basis of the policy. Cost basis is defined as gross premiums paid, less dividends used to reduce premium, less dividends paid as income, less any non-taxable PUA/dividend surrenders.

If there is an outstanding loan at the time of a full surrender or lapse, the loan balance may also be subject to taxation. Dividends used to reduce the premium or paid as income may be taxable to the extent they exceed the cost basis. Interest earned on dividends left to accumulate at interest is fully taxable.

Any references to the taxation of life insurance products in this illustration are based on Penn Mutual's understanding of current tax laws as of the date of the illustration. Please be certain to consult a qualified tax professional regarding your own personal situation.

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Tax Summary

### Purpose of this Report

*Refer back to the basic illustration for guaranteed elements and other important information.*

This report shows you the potential tax implications, if any, of your illustrated distributions.

### Values

#### 0.25% Reduction

*Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.*

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at an alternate scale which assumes an interest factor that is 0.25% less than the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans, if illustrated.

### Non-Guaranteed

Year	Age				Gains			Taxes	
		Div. Surr. to Owner	Loans to Owner	Loan Interest	Total Net Cash Value	Cost Basis	Gains	Amount Subject to Taxes	Taxes Owed Based on 50% Tax Bracket
1	51 51	0	0	0	58,941	95,620	0	0	0
2	52 52	0	0	0	131,556	191,241	0	0	0
3	53 53	0	0	0	230,613	286,861	0	0	0
4	54 54	0	0	0	333,854	382,481	0	0	0
5	55 55	0	0	0	441,453	478,102	0	0	0
6	56 56	0	0	0	553,874	573,722	0	0	0
7	57 57	0	0	0	671,979	669,342	2,637	0	0
8	58 58	0	0	0	796,048	764,962	31,086	0	0
9 <sup>1</sup>	59 59	0	0	0	834,726	764,962	69,764	0	0
10	60 60	0	0	0	875,274	764,962	110,312	0	0
11	61 61	0	0	0	917,910	764,962	152,947	0	0
12	62 62	0	0	0	962,735	764,962	197,773	0	0
13	63 63	0	0	0	1,009,876	764,962	244,913	0	0
14	64 64	0	0	0	1,059,419	764,962	294,457	0	0
15	65 65	0	0	0	1,111,543	764,962	346,581	0	0
16	66 66	0	0	0	1,166,368	764,962	401,406	0	0
17	67 67	0	0	0	1,224,042	764,962	459,080	0	0
18	68 68	0	0	0	1,284,669	764,962	519,707	0	0
19	69 69	0	0	0	1,348,428	764,962	583,466	0	0
20	70 70	0	0	0	1,415,446	764,962	650,484	0	0
21 <sup>2</sup>	71 71	375,417	949,583	54,126	87,839	1,339,128	0	949,583	474,792
22	72 72	0	0	57,211	84,755	1,339,128	0	0	0
23	73 73	0	0	60,472	81,110	1,339,128	0	0	0
24	74 74	0	0	63,919	76,848	1,339,128	0	0	0
25	75 75	0	0	67,563	71,860	1,339,128	0	0	0

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

**Non-Guaranteed**

**Gains**

**Taxes**

Year	Age	Div. Surr. to Owner	Loans to Owner	Loan Interest	Gains			Taxes	
					Total Net Cash Value	Cost Basis	Gains	Amount Subject to Taxes	Taxes Owed Based on 50% Tax Bracket
26	76 76	0	0	71,414	66,081	1,339,128	51,241	0	0
27 <sup>3</sup>	77 77	0	0	35,505	67,196	1,339,128	0	0	0
28	78 78	0	0	35,815	68,213	1,339,128	0	0	0
29	79 79	0	0	36,022	69,115	1,339,128	0	0	0
30	80 80	0	0	36,113	69,859	1,339,128	0	0	0
31	81 81	0	0	36,046	70,394	1,339,128	0	0	0
32	82 82	0	0	35,777	70,713	1,339,128	0	0	0
33	83 83	0	0	35,302	70,961	1,339,128	0	0	0
34	84 84	0	0	34,768	71,050	1,339,128	0	0	0
35	85 85	0	0	34,090	70,882	1,339,128	0	0	0
36	86 86	0	0	33,176	70,040	1,339,128	0	0	0
37	87 87	0	0	31,623	69,269	1,339,128	0	0	0
38	88 88	0	0	30,174	68,265	1,339,128	0	0	0
39	89 89	0	0	28,529	66,960	1,339,128	0	0	0
40	90 90	0	0	26,625	65,506	1,339,128	0	0	0
41	91 91	0	0	24,617	63,971	1,339,128	0	0	0
42	92 92	0	0	22,575	62,510	1,339,128	0	0	0
43	93 93	0	0	20,650	61,147	1,339,128	0	0	0
44	94 94	0	0	18,862	59,923	1,339,128	0	0	0
45	95 95	0	0	17,250	59,133	1,339,128	0	0	0
46	96 96	0	0	16,098	58,723	1,339,128	0	0	0
47	97 97	0	0	15,343	57,810	1,339,128	0	0	0
48	98 98	0	0	14,113	56,848	1,339,128	0	0	0
49	99 99	0	0	12,862	55,756	1,339,128	0	0	0
50	100 100	0	0	11,511	54,520	1,339,128	0	0	0
51	101 101	0	0	10,049	53,056	1,339,128	0	0	0
52	102 102	0	0	8,396	52,293	1,339,128	0	0	0
53	103 103	0	0	7,466	51,599	1,339,128	0	0	0
54	104 104	0	0	6,623	51,009	1,339,128	0	0	0
55	105 105	0	0	5,900	50,583	1,339,128	0	0	0
56	106 106	0	0	5,353	50,465	1,339,128	0	0	0
57	107 107	0	0	5,120	50,972	1,339,128	0	0	0
58	108 108	0	0	5,503	50,867	1,339,128	0	0	0
59	109 109	0	0	5,280	50,768	1,339,128	0	0	0
60	110 110	0	0	5,067	50,672	1,339,128	0	0	0

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

**Non-Guaranteed**

**Gains**

**Taxes**

Year	Age	Div. Surr. to Owner	Loans to Owner	Loan Interest	Total Net Cash Value	Cost Basis	Gains	Taxes	
								Amount Subject to Taxes	Taxes Owed Based on 50% Tax Bracket
61	111 111	0	0	4,862	50,578	1,339,128	0	0	0
62	112 112	0	0	4,663	50,486	1,339,128	0	0	0
63	113 113	0	0	4,470	50,396	1,339,128	0	0	0
64	114 114	0	0	4,284	50,308	1,339,128	0	0	0
65	115 115	0	0	4,104	50,223	1,339,128	0	0	0
66	116 116	0	0	3,930	50,138	1,339,128	0	0	0
67	117 117	0	0	3,761	50,057	1,339,128	0	0	0
68	118 118	0	0	3,599	49,978	1,339,128	0	0	0
69	119 119	0	0	3,443	49,900	1,339,128	0	0	0
70	120 120	0	0	3,291	49,826	1,339,128	0	0	0
71	121 121	0	0	3,146	78,207	1,339,128	0	0	0

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>This policy will become a MEC in policy year 21. The 7-Pay Premium in year 21 is \$90,773. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

As illustrated under the Non-Guaranteed values, some of the income will be taxable. Please contact your tax professional for more information.

<sup>3</sup>Overloan Protection Benefit Rider exercised in year 27. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.

**Column Headings**

Please see the Definitions section of this illustration for any column header definitions not listed below.

**Amount Subject to Taxes**

Taxable portion of any distributions.

**Cost Basis**

The amount of premium less PUA/dividend surrenders or dividends used to reduce the premium or paid out as income.

**Dividend Surrenders to Owner**

Amount of PUA/dividend surrenders paid as income to the policy owner.

**Gains**

The total cash value, including loans, less the cost basis.

**Loan Interest**

Annual interest due on the loan balance. The assumed loan interest rate is 5.70%.

**Loans to Owner**

Amount of policy loan paid as income to the policy owner.

**Taxes Owed Based on 50% Tax Bracket**

The amount of tax that is owed based on the owner's tax bracket.

### Insured: **Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
Female, Age 50, Preferred Non-Tobacco  
Contract Premium Mode: Annual  
EPPUA Premium Mode: Annual  
Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
Initial Premium: \$95,620.30

### Important Tax Information

In general, the accumulated value of a life insurance policy is tax deferred, but may be subject to taxation at the time of a PUA/dividend surrender, full policy surrender or lapse to the extent they exceed the cost basis of the policy. Cost basis is defined as gross premiums paid, less dividends used to reduce premium, less dividends paid as income, less any non-taxable PUA/dividend surrenders.

If there is an outstanding loan at the time of a full surrender or lapse, the loan balance may also be subject to taxation. Dividends used to reduce the premium or paid as income may be taxable to the extent they exceed the cost basis. Interest earned on dividends left to accumulate at interest is fully taxable.

Any references to the taxation of life insurance products in this illustration are based on Penn Mutual's understanding of current tax laws as of the date of the illustration. Please be certain to consult a qualified tax professional regarding your own personal situation.

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Cash Value Summary

### Purpose of this Report

Refer back to the basic illustration for guaranteed elements and other important information.

This report shows you the breakdown of the non-guaranteed cash values that were generated from your total premium (including any paid-up addition rider premium), and dividends.

### Values

#### Current Dividend Scale

Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans, if illustrated.

Year	Age	Total Premium	Net Premium Outlay	Total Loan Balance	Non-Guaranteed					Total Net Cash Value	Change In Total Net Cash Value
					Dividend	Net Paid-Up Additions Cash Value	Net Paid-Up Additions Cash Value	Net Base Guaranteed Cash Value	Net Base Guaranteed Cash Value		
1	51 51	95,620	95,620	0	1,088	57,993	57,993	0	0	59,081	59,081
2	52 52	95,620	95,620	0	2,324	122,255	64,262	7,420	7,420	132,000	72,919
3	53 53	95,620	95,620	0	3,650	189,714	67,459	38,180	30,760	231,544	99,544
4	54 54	95,620	95,620	0	5,071	260,553	70,839	69,840	31,660	335,464	103,920
5	55 55	95,620	95,620	0	6,585	334,968	74,415	102,400	32,560	443,953	108,489
6	56 56	95,620	95,620	0	8,735	413,154	78,187	135,920	33,520	557,809	113,856
7	57 57	95,620	95,620	0	11,429	495,874	82,720	170,400	34,480	677,703	119,894
8	58 58	95,620	95,620	0	14,270	583,815	87,942	205,860	35,460	803,945	126,242
9 <sup>1</sup>	59 59	0	0	0	16,985	615,886	32,071	212,148	6,288	845,020	41,074
10	60 60	0	0	0	18,054	651,679	35,793	218,453	6,305	888,186	43,167
11	61 61	0	0	0	19,143	689,603	37,923	224,934	6,481	933,679	45,492
12	62 62	0	0	0	20,294	729,728	40,125	231,593	6,659	981,615	47,936
13	63 63	0	0	0	21,534	772,172	42,444	238,432	6,839	1,032,138	50,523
14	64 64	0	0	0	22,822	817,078	44,906	245,453	7,021	1,085,353	53,215
15	65 65	0	0	0	24,277	864,548	47,471	252,657	7,203	1,141,482	56,129
16	66 66	0	0	0	25,790	914,811	50,262	260,043	7,387	1,200,644	59,162
17	67 67	0	0	0	27,412	967,983	53,173	267,613	7,570	1,263,009	62,365
18	68 68	0	0	0	29,125	1,024,237	56,254	275,368	7,754	1,328,730	65,721
19	69 69	0	0	0	30,959	1,083,724	59,486	283,305	7,937	1,397,987	69,257
20	70 70	0	0	0	32,946	1,146,619	62,895	291,421	8,117	1,470,986	72,999
21	71 71	0	-1,325,000	1,003,709	25,365	90,304	-1,056,315	32,726	-258,695	148,396	-1,322,591
22	72 72	0	0	1,060,921	27,004	91,514	1,210	32,178	-548	150,696	2,300
23	73 73	0	0	1,121,393	28,753	92,514	1,000	31,557	-621	152,824	2,128
24	74 74	0	0	1,185,313	30,661	93,238	724	30,849	-708	154,748	1,924
25	75 75	0	0	1,252,875	32,696	93,639	401	30,045	-804	156,380	1,632

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Total Premium	Net Premium Outlay	Total Loan Balance	Non-Guaranteed						Total Net Cash Value	Change In Total Net Cash Value
					Change In Net Paid-Up Additions	Change In Net Paid-Up Additions	Net Base Guaranteed Cash Value	Change In Net Base Guaranteed Cash Value	Net Base Guaranteed Cash Value	Change In Net Base Guaranteed Cash Value		
26	76 76	0	0	1,324,289	34,933	93,623	-16	29,126	-919	157,681	1,302	
27	77 77	0	0	1,399,774	37,271	93,142	-480	28,088	-1,038	158,501	819	
28	78 78	0	0	1,479,561	39,786	92,038	-1,105	26,897	-1,191	158,720	219	
29	79 79	0	0	1,563,896	42,489	90,178	-1,859	25,532	-1,365	158,200	-520	
30	80 80	0	0	1,653,038	45,395	87,386	-2,792	23,964	-1,568	156,744	-1,455	
31	81 81	0	0	1,747,261	48,567	83,426	-3,959	22,152	-1,812	154,145	-2,600	
32	82 82	0	0	1,846,855	52,000	78,082	-5,344	20,067	-2,085	150,150	-3,995	
33	83 83	0	0	1,952,126	55,555	71,251	-6,832	17,716	-2,351	144,521	-5,629	
34	84 84	0	0	2,063,397	59,344	62,601	-8,650	15,054	-2,662	136,999	-7,522	
35	85 85	0	0	2,181,010	63,386	51,763	-10,838	12,034	-3,020	127,183	-9,816	
36	86 86	0	0	2,305,328	68,191	37,883	-13,880	8,511	-3,523	114,585	-12,598	
37 <sup>2</sup>	87 87	0	0	2,348,802	0	0	-37,883	113,849	105,338	113,849	-736	
38	88 88	0	0	2,390,284	0	0	0	112,774	-1,075	112,774	-1,075	
39	89 89	0	0	2,429,504	0	0	0	111,264	-1,510	111,264	-1,510	
40	90 90	0	0	2,466,106	0	0	0	109,530	-1,735	109,530	-1,735	
41	91 91	0	0	2,499,949	0	0	0	107,661	-1,868	107,661	-1,868	
42	92 92	0	0	2,530,984	0	0	0	105,874	-1,787	105,874	-1,787	
43	93 93	0	0	2,559,372	0	0	0	104,202	-1,673	104,202	-1,673	
44	94 94	0	0	2,585,303	0	0	0	102,704	-1,498	102,704	-1,498	
45	95 95	0	0	2,609,018	0	0	0	101,790	-913	101,790	-913	
46	96 96	0	0	2,631,150	0	0	0	101,391	-399	101,391	-399	
47	97 97	0	0	2,652,243	0	0	0	100,287	-1,104	100,287	-1,104	
48	98 98	0	0	2,671,645	0	0	0	99,102	-1,185	99,102	-1,185	
49	99 99	0	0	2,689,328	0	0	0	97,724	-1,378	97,724	-1,378	
50	100 100	0	0	2,705,152	0	0	0	96,132	-1,592	96,132	-1,592	
51	101 101	0	0	2,718,967	0	0	0	94,209	-1,923	94,209	-1,923	
52	102 102	0	0	2,730,509	0	0	0	93,241	-968	93,241	-968	
53	103 103	0	0	2,740,773	0	0	0	92,358	-883	92,358	-883	
54	104 104	0	0	2,749,877	0	0	0	91,609	-749	91,609	-749	
55	105 105	0	0	2,757,988	0	0	0	91,082	-528	91,082	-528	
56	106 106	0	0	2,765,348	0	0	0	90,974	-107	90,974	-107	
57	107 107	0	0	2,772,387	0	0	0	91,730	755	91,730	755	
58	108 108	0	0	2,779,953	0	0	0	91,643	-87	91,643	-87	
59	109 109	0	0	2,787,212	0	0	0	91,561	-82	91,561	-82	
60	110 110	0	0	2,794,178	0	0	0	91,481	-80	91,481	-80	



### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

Year	Age	Total Premium	Net Premium Outlay	Total Loan Balance	Non-Guaranteed						
					Dividend Cash Value	Change In Net Paid-Up Additions Cash Value	Change In Net Paid-Up Additions Cash Value	Net Base Guaranteed Cash Value	Change In Net Base Guaranteed Cash Value	Total Net Cash Value	Change In Total Net Cash Value
61	111 111	0	0	2,800,861	0	0	0	91,401	-79	91,401	-79
62	112 112	0	0	2,807,271	0	0	0	91,322	-79	91,322	-79
63	113 113	0	0	2,813,416	0	0	0	91,245	-77	91,245	-77
64	114 114	0	0	2,819,306	0	0	0	91,168	-77	91,168	-77
65	115 115	0	0	2,824,948	0	0	0	91,093	-75	91,093	-75
66	116 116	0	0	2,830,350	0	0	0	91,017	-76	91,017	-76
67	117 117	0	0	2,835,521	0	0	0	90,944	-73	90,944	-73
68	118 118	0	0	2,840,468	0	0	0	90,872	-71	90,872	-71
69	119 119	0	0	2,845,201	0	0	0	90,800	-72	90,800	-72
70	120 120	0	0	2,849,725	0	0	0	90,732	-69	90,732	-69
71	121 121	0	0	2,854,049	0	0	0	130,080	39,348	130,080	39,348

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>Overloan Protection Benefit Rider exercised in year 37. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.

The non-guaranteed values illustrated avoid Modified Endowment Contract (MEC) status. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

### Column Headings

Please see the Definitions section of this illustration for any column header definitions not listed below.

**Net Base Guaranteed Cash Value** The guaranteed cash value of the base policy as of the end of the policy year, less any outstanding loan balance.

**Change In Net Base Guaranteed Cash Value** Change in the Net Base Guaranteed Cash Value from the end of the previous policy year.

**Change In Net Paid-Up Additions Cash Value** Change in the Net Paid-Up Additions Cash Value from the end of the previous policy year.

**Change In Total Net Cash Value** Change in the Total Net Cash Value from the end of the previous policy year.

**Net Paid-Up Additions Cash Value** The cash value of paid-up additional insurance purchased with dividends and the Enhanced Permanent Paid-Up Additions (EPPUA) Rider as of the end of the policy year, less any outstanding loan balance.

**Net Premium Outlay** Contract premiums less dividends used to reduce the premium, less dividends paid in cash, less PUA/dividend surrenders and/or loans.

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

## Dividend Option Summary

### Purpose of this Report

*Refer back to the basic illustration for guaranteed elements and other important information.*

This report shows you the dividend option(s) that are illustrated, and is useful when your dividend option varies throughout the life of the policy.

### Values

#### Current Dividend Scale

*Benefits and values are subject to change by Penn Mutual and are not guaranteed, actual results may be more or less favorable.*

Values are based on the guarantees in your policy, as well as any non-guaranteed dividends paid at the current scale. This supplemental ledger will also reflect PUA/dividend surrenders and policy loans, if illustrated.

### Non-Guaranteed

Year	Age	Dividend			Premium Reduction	Prior Year Dividend Applied To:						
		Base Dividend	EPPUA Dividend	Total Dividend		Cash	Base Paid-Up Additions	EPPUA Paid-Up Additions	Dividend Accums	Dividend to One Year Term	Repay Loan	
1	51 51	0	1,088	1,088	0	0	0	0	0	0	0	0
2	52 52	0	2,324	2,324	0	0	0	1,088	0	0	0	0
3	53 53	0	3,650	3,650	0	0	0	2,324	0	0	0	0
4	54 54	0	5,071	5,071	0	0	0	3,650	0	0	0	0
5	55 55	0	6,585	6,585	0	0	0	5,071	0	0	0	0
6	56 56	520	8,215	8,735	0	0	0	6,585	0	0	0	0
7	57 57	1,471	9,958	11,429	0	0	520	8,215	0	0	0	0
8	58 58	2,462	11,808	14,270	0	0	1,471	9,958	0	0	0	0
9 <sup>1</sup>	59 59	4,447	12,538	16,985	0	0	2,462	11,808	0	0	0	0
10	60 60	4,727	13,327	18,054	0	0	4,447	12,538	0	0	0	0
11	61 61	5,012	14,130	19,143	0	0	4,727	13,327	0	0	0	0
12	62 62	5,314	14,980	20,294	0	0	5,012	14,130	0	0	0	0
13	63 63	5,639	15,896	21,534	0	0	5,314	14,980	0	0	0	0
14	64 64	5,976	16,847	22,822	0	0	5,639	15,896	0	0	0	0
15	65 65	6,357	17,920	24,277	0	0	5,976	16,847	0	0	0	0
16	66 66	6,753	19,037	25,790	0	0	6,357	17,920	0	0	0	0
17	67 67	7,178	20,235	27,412	0	0	6,753	19,037	0	0	0	0
18	68 68	7,626	21,499	29,125	0	0	7,178	20,235	0	0	0	0
19	69 69	8,106	22,853	30,959	0	0	7,626	21,499	0	0	0	0
20	70 70	8,627	24,320	32,946	0	0	8,106	22,853	0	0	0	0
21	71 71	9,084	16,281	25,365	0	0	8,627	24,320	0	0	0	0
22	72 72	9,674	17,330	27,004	0	0	9,084	16,281	0	0	0	0
23	73 73	10,303	18,449	28,753	0	0	9,674	17,330	0	0	0	0
24	74 74	10,990	19,671	30,661	0	0	10,303	18,449	0	0	0	0
25	75 75	11,722	20,973	32,696	0	0	10,990	19,671	0	0	0	0

**Insured: Valued Client and Second Client**

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

**Non-Guaranteed**

Year	Age	Dividend			Premium Reduction	Prior Year Dividend Applied To:					
		Base Dividend	EPPUA Dividend	Total Dividend		Cash	Base Paid-Up Additions	EPPUA Paid-Up Additions	Dividend Accums	Dividend to One Year Term	Repay Loan
26	76 76	12,527	22,405	34,933	0	0	11,722	20,973	0	0	0
27	77 77	13,369	23,902	37,271	0	0	12,527	22,405	0	0	0
28	78 78	14,275	25,511	39,786	0	0	13,369	23,902	0	0	0
29	79 79	15,249	27,241	42,489	0	0	14,275	25,511	0	0	0
30	80 80	16,296	29,099	45,395	0	0	15,249	27,241	0	0	0
31	81 81	17,438	31,129	48,567	0	0	16,296	29,099	0	0	0
32	82 82	18,675	33,325	52,000	0	0	17,438	31,129	0	0	0
33	83 83	19,957	35,598	55,555	0	0	18,675	33,325	0	0	0
34	84 84	21,324	38,020	59,344	0	0	19,957	35,598	0	0	0
35	85 85	22,783	40,604	63,386	0	0	21,324	38,020	0	0	0
36	86 86	24,514	43,678	68,191	0	0	22,783	40,604	0	0	0
37 <sup>2</sup>	87 87	0	0	0	0	0	24,514	43,678	0	0	0
38	88 88	0	0	0	0	0	0	0	0	0	0
39	89 89	0	0	0	0	0	0	0	0	0	0
40	90 90	0	0	0	0	0	0	0	0	0	0
41	91 91	0	0	0	0	0	0	0	0	0	0
42	92 92	0	0	0	0	0	0	0	0	0	0
43	93 93	0	0	0	0	0	0	0	0	0	0
44	94 94	0	0	0	0	0	0	0	0	0	0
45	95 95	0	0	0	0	0	0	0	0	0	0
46	96 96	0	0	0	0	0	0	0	0	0	0
47	97 97	0	0	0	0	0	0	0	0	0	0
48	98 98	0	0	0	0	0	0	0	0	0	0
49	99 99	0	0	0	0	0	0	0	0	0	0
50	100 100	0	0	0	0	0	0	0	0	0	0
51	101 101	0	0	0	0	0	0	0	0	0	0
52	102 102	0	0	0	0	0	0	0	0	0	0
53	103 103	0	0	0	0	0	0	0	0	0	0
54	104 104	0	0	0	0	0	0	0	0	0	0
55	105 105	0	0	0	0	0	0	0	0	0	0
56	106 106	0	0	0	0	0	0	0	0	0	0
57	107 107	0	0	0	0	0	0	0	0	0	0
58	108 108	0	0	0	0	0	0	0	0	0	0
59	109 109	0	0	0	0	0	0	0	0	0	0
60	110 110	0	0	0	0	0	0	0	0	0	0

### Insured: Valued Client and Second Client

Male, Age 50, Preferred Non-Tobacco  
 Female, Age 50, Preferred Non-Tobacco  
 Contract Premium Mode: Annual  
 EPPUA Premium Mode: Annual  
 Policy Payment Period: 50 Years

Initial Base Face Amount: \$2,000,000

Initial Dividend Option: Paid-Up Additions (PUAs)  
 Initial Premium: \$95,620.30

### Non-Guaranteed

Year	Age	Dividend			Premium Reduction	Prior Year Dividend Applied To:						
		Base Dividend	EPPUA Dividend	Total Dividend		Cash	Base Paid-Up Additions	EPPUA Paid-Up Additions	Dividend Accum	Dividend to One Year Term	Repay Loan	
61	111	111	0	0	0	0	0	0	0	0	0	0
62	112	112	0	0	0	0	0	0	0	0	0	0
63	113	113	0	0	0	0	0	0	0	0	0	0
64	114	114	0	0	0	0	0	0	0	0	0	0
65	115	115	0	0	0	0	0	0	0	0	0	0
66	116	116	0	0	0	0	0	0	0	0	0	0
67	117	117	0	0	0	0	0	0	0	0	0	0
68	118	118	0	0	0	0	0	0	0	0	0	0
69	119	119	0	0	0	0	0	0	0	0	0	0
70	120	120	0	0	0	0	0	0	0	0	0	0
71	121	121	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>The Reduced Paid-Up (RPU) non-forfeiture option was exercised in policy year 9. Upon exercise of this option, premiums are discontinued, and any riders not already paid-up are eliminated. The dividend option automatically changes to Paid-up Additions (PUAs), but the owner may elect to change the dividend option. This illustration reflects the Paid-Up Additions dividend option from policy year 9. The initial reduced paid-up insurance amount is \$532,000. Loans and/or PUA/dividend surrenders after the RPU option is exercised could cause additional outlay, such as loan repayments, to be required if the insurance protection is to be maintained.

<sup>2</sup>Overloan Protection Benefit Rider exercised in year 37. Please see Overloan Protection Benefit Rider in Policy Overview section of this illustration for additional information.

The non-guaranteed values illustrated avoid Modified Endowment Contract (MEC) status. Please see Important Tax Information in the Policy Overview section of this illustration for additional information.

### Column Headings

Please see the Definitions section of this illustration for any column header definitions not listed below.

#### Base Dividend

The dividend earned on the Base Policy.

#### Base Paid-Up Additions

Portion of the base policy dividend used to purchase paid-up additional insurance.

#### EPPUA Dividend

The dividend earned on the Enhanced Permanent Paid-Up Additions (EPPUA) Rider.

#### EPPUA Paid-Up Additions

Portion of the Enhanced Permanent Paid-Up Additions (EPPUA) Rider dividend used to purchase additional paid-up insurance.

#### Total Dividend

Total sum of all the earned dividends in the policy year.

#### Cash

Portion of the dividend paid as income to the policy owner.

#### Dividend Accumulations

Portion of the dividend left in the policy to accumulate interest.

#### Dividend to One Year Term

Portion of the dividend used to purchase one year term insurance.

#### Premium Reduction

Portion of the dividend used to reduce premium outlay.

#### Repay Loan

Portion of the dividend used to reduce any outstanding loan balance.