John Hancock.

# *JH Solutions*® **Private Finance**

A fair market loan arrangement

#### Prepared for

Valued Client and Mrs Valued Client November 30, 2022

#### Presented by

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Insurance products are issued by: John Hancock Life Insurance Company (U.S.A.), Boston, MA 02116 (not licensed in New York) and John Hancock Life Insurance Company of New York, Valhalla, NY 10595



# Life insurance owned inside of an irrevocable life insurance trust (ILIT) is often a very effective part of an estate planning

**strategy.**<sup>1</sup> The death benefit, which is received income and estate tax free by the ILIT, provides liquidity that can be used to help pay taxes and final expenses and may facilitate numerous other wealth transfer goals, potentially increasing the total amount left to heirs.<sup>2</sup> Traditionally, life insurance premiums are funded by making gifts to the ILIT. However, gifting means permanently relinquishing control over the funds and gifts are limited and can be taxable. In short, when gift exemptions have been utilized, are earmarked for other planning purposes, or if you are concerned about losing control over assets and desire increased flexibility, private financing may be a viable alternative to gifting.

Private financing provides your ILIT with the funds to pay insurance premiums in the form of a personal loan between you and your ILIT, instead of or in addition to making a gift. In this regard, you act as the "bank" and lend the ILIT an amount of cash necessary to acquire and pay the ongoing premiums on a life insurance policy. The loan can be a lump-sum amount or an annual amount.

#### How it works

1

(2)

(3)

You establish an ILIT, properly drafted by an attorney familiar with such matters to take into account income and estate tax laws.

You enter into a loan agreement with the ILIT, where you lend money to the ILIT for a fixed number of years in return for a promissory note.

The note must charge loan interest at or above the Applicable Federal Rate (AFR). The interest can be paid annually or potentially accrued against the initial loan balance.



5

The ILIT can use borrowed funds for life insurance premiums, interest, and loan repayment.

The loan balance can be repaid either at death from the policy proceeds or at an earlier time (if desired) from other ILIT assets.

Trusts should be drafted by an attorney familiar with such matters in order to take into account income and estate tax laws (including the generation-skipping tax). Failure to do so could result in adverse tax treatment of trust proceeds. There can be costs associated with drafting a trust.
Life insurance death benefit proceeds are generally excludable from the beneficiary's gross income for income tax purposes. There are few exceptions such as when a life insurance policy has been transferred for valuable consideration.

### Benefits

- By funding an ILIT with private financing, you can reduce or eliminate the need for gifts, and therefore gift taxes.
- You control the note and the obligation may be repaid at an earlier time or you may forgive the loan (i.e. make it a gift).
- Your heirs receive the loan repayment since there is no third-party lender to repay. The loan repayment from the ILIT can pass through your estate to your heirs (but may be subject to estate tax).
- Using a lump-sum loan, the loan interest rate can be locked in permanently or for a period of time.
- If your ILIT is a grantor trust for income tax purposes, the loan interest paid by your ILIT to you, as the lender, would not be subject to income tax. Additionally, life insurance cash values generally grow tax deferred and life insurance death benefits are generally received income tax-free.
- The ILIT can be drafted with special provisions that allow a spouse (and children and other beneficiaries) to receive money from the ILIT during your lifetime. In this way, your family can retain tax- free access to the policy's cash value, and providing the ILIT is properly drafted and administered, it retains the tax benefits of a traditional ILIT.<sup>3</sup>
- The ILIT can be drafted as a "dynasty trust" permitting the ILIT to be a long-term trust created to maximize the transfer of wealth from generation-to-generation while minimizing (or eliminating) the impact of the generation skipping transfer (GST) tax. The beneficiaries of this type of trust are usually your children, grandchildren, greatgrandchildren and so on.

### Important considerations

- As the lender, you must have available cash flow to make the loan to the ILIT.
- Although the estate will be reduced by the amount of any gifts made to the ILIT, the loan repayment may be subject to estate tax.
- Life insurance policies have charges associated with them such as the cost of insurance and other potential surrender charges. Please consult the basic illustration for more information. The policy's cash values available for loans and withdrawals may be worth more or less than premiums paid. Life insurance eligibility will be based on financial and medical underwriting.
- The structure of the ILIT (e.g., grantor/non-grantor, simple/complex, etc.) will affect the income tax consequences of the loan to the many parties such as the grantor (you), the beneficiaries, and the ILIT. For this reason, most potential income tax consequences of the loan are not reflected in this illustration. Please consult competent tax counsel to discuss the implications of specific trust designs.
- Consider the consequences of offering this policy as collateral for this arrangement. You may wish to not collaterally assign the policy. Please consult with your tax advisor.
- The lender could be a parent, grandparent, other existing trust, or family limited partnership. These arrangements could facilitate a senior generation making loans to children's trusts which could benefit grandchildren.

<sup>3.</sup>Loans and withdrawals will reduce the death benefit and the cash surrender value, and may cause the policy to lapse. Lapse or surrender of a policy with a loan may cause the recognition of taxable income. Withdrawals in excess of the cost basis (premiums paid) will be subject to tax and certain withdrawals within the first 15 years may be subject to recapture tax. Additionally, policies classified as modified endowment contracts may be subject to tax when a loan or withdrawal is made. A federal tax penalty of 10% may also apply if the loan or withdrawal is taken prior to age 59 1/2

### Planning options summary page

The following pages graphically illustrate a projected net amount transferred to your heirs upon your death and assume you have made a loan to your ILIT. This page represents a summary, but please refer to the accompanying pages for more detail and please refer to the Glossary for a definition of the key terms used in this proposal.

### Assumptions/policy details

**Insured:** Valued Client, Male, age 55, Preferred NonSmoker, Vitality Status Bronze **Insured2:** Mrs Valued Client, Female, age 55, Preferred NonSmoker, Vitality Status Bronze

Life expectancy assumed: Insured - 31 years, Insured2 - 33 years, Joint life - 38 years

Product: Protection SIUL 22 /Initial death benefit: \$15,000,000

Initial premium: \$196,473

#### **Options selected**

Lender name: Grantor

Private finance loan option:

Solve Year 1

Loan interest rate: 4.27%

Accrue interest: No

Gifting option: None

ILIT side fund growth rate: 7%

Existing ILIT balance: \$0

Loan repayment option: ILIT Side Fund

• Loan repayment year: 10

• Years to repay loan: 1

Life Expectancy is based on 2015 Valuation Basic Table, Select and Ultimate. The LE data provided in this presentation is not necessarily indicative of your own personal life expectancy, and you may live longer than indicated by the table. The LE tables used are not tailored to your personal situation or risk class; rather, they are based population averages and are presented merely to help you form a generalized idea of potential ages at death.

The figures used to demonstrate this concept are based upon both assumptions and data provided by you. Your furnishing of accurate data will help enhance the value of this analysis. All assumed growth rates for assets are based upon information provided and assumed by you and are not a guarantee of the future performance of the life insurance policy or any other assets shown. Please review the accuracy of this information.

This is a supplemental illustration authorized for distribution only when preceded or accompanied by a basic illustration from the issuer. Benefits and values may not be guaranteed; the assumptions on which they are based are subject to change by the insurer. Actual results may be more or less favorable. Refer to the basic illustration for guaranteed elements and other important information.

#### Summary Year 38

Loan(s) to ILIT: \$8,301,427

Total loans repaid: \$8,301,427

Total loan interest: \$3,190,238

Total premiums paid: \$1,964,730

Cumulative gifts: \$0

ILIT side fund: \$0

Life insurance death benefit: \$15,000,000

Outstanding loan: \$0

Net to heirs: \$15,000,000

#### Loan details

Lender: Grantor

Year	Attained age (EOY)	BOY cumulative loan balance	BOY loan to ILIT	BOY loan repayment	Loan interest rate	EOY loan interest due	EOY loan interest paid	EOY loan interest accrued	EOY cumulative loan balance
1	56-56	0	8,301,427	0	4.27%	354,471	354,471	0	8,301,427
2	2 57-57	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
3	3 58-58	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
4	\$ 59-59	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
5	5 60-60	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
e	61-61	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
7	62-62	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
8	63-63	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
ç	64-64	8,301,427	0	0	4.27%	354,471	354,471	0	8,301,427
10	65-65	8,301,427	0	8,301,427	4.27%	0	0	0	0
11	66-66	0	0	0	4.27%	0	0	0	0
12	2 67-67	0	0	0	4.27%	0	0	0	0
13	68-68	0	0	0	4.27%	0	0	0	0
14	69-69	0	0	0	4.27%	0	0	0	0
15	5 70-70	0	0	0	4.27%	0	0	0	0
16	6 71-71	0	0	0	4.27%	0	0	0	0
17	7 72-72	0	0	0	4.27%	0	0	0	0
18	3 73-73	0	0	0	4.27%	0	0	0	0
19	9 74-74	0	0	0	4.27%	0	0	0	0
20	) 75-75	0	0	0	4.27%	0	0	0	0
21	76-76	0	0	0	4.27%	0	0	0	0
22	2 77-77	0	0	0	4.27%	0	0	0	0
23	3 78-78	0	0	0	4.27%	0	0	0	0
24	1 79-79	0	0	0	4.27%	0	0	0	0
25	5 80-80	0	0	0	4.27%	0	0	0	0
26	6 81-81	0	0	0	4.27%	0	0	0	0
27	7 82-82	0	0	0	4.27%	0	0	0	0
28	83-83	0	0	0	4.27%	0	0	0	0
29	84-84	0	0	0	4.27%	0	0	0	0
30	85-85	0	0	0	4.27%	0	0	0	0
31	86-86	0	0	0	4.27%	0	0	0	0
32	2 87-87	0	0	0	4.27%	0	0	0	0
33	88-88	0	0	0	4.27%	0	0	0	0
34	\$9-89	0	0	0	4.27%	0	0	0	0
35	5 90-90	0	0	0	4.27%	0	0	0	0
36	6 91-91	0	0	0	4.27%	0	0	0	0
37	7 92-92	0	0	0	4.27%	0	0	0	0
38	3 93-93	0	0	0	4.27%	0	0	0	0
39	94-94	0	0	0	4.27%	0	0	0	0

Year	Attained age (EOY)	BOY cumulative loan balance	BOY loan to ILIT	BOY loan repayment	Loan interest rate	EOY loan interest due	EOY loan interest paid	EOY loan interest accrued	EOY cumulative loan balance
40	95-95	0	0	0	4.27%	0	0	0	0
41	96-96	0	0	0	4.27%	0	0	0	0
42	97-97	0	0	0	4.27%	0	0	0	0
43	98-98	0	0	0	4.27%	0	0	0	0
44	99-99	0	0	0	4.27%	0	0	0	0
45	100-100	0	0	0	4.27%	0	0	0	0
46	101-101	0	0	0	4.27%	0	0	0	0
47	102-102	0	0	0	4.27%	0	0	0	0
48	103-103	0	0	0	4.27%	0	0	0	0
49	104-104	0	0	0	4.27%	0	0	0	0
50	105-105	0	0	0	4.27%	0	0	0	0
51	106-106	0	0	0	4.27%	0	0	0	0
52	107-107	0	0	0	4.27%	0	0	0	0
53	108-108	0	0	0	4.27%	0	0	0	0
54	109-109	0	0	0	4.27%	0	0	0	0
55	110-110	0	0	0	4.27%	0	0	0	0
56	111-111	0	0	0	4.27%	0	0	0	0
57	112-112	0	0	0	4.27%	0	0	0	0
58	113-113	0	0	0	4.27%	0	0	0	0
59	114-114	0	0	0	4.27%	0	0	0	0
60	115-115	0	0	0	4.27%	0	0	0	0
61	116-116	0	0	0	4.27%	0	0	0	0
62	117-117	0	0	0	4.27%	0	0	0	0
63	118-118	0	0	0	4.27%	0	0	0	0
64	119-119	0	0	0	4.27%	0	0	0	0
65	120-120	0	0	0	4.27%	0	0	0	0
66	121-121	0	0	0	4.27%	0	0	0	0
	Totals		\$8,301,427	\$8,301,427		\$3,190,238	\$3,190,238	\$0	

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### **ILIT and Insurance Values**

Lender: Grantor

Year	Attained age (EOY)	BOY gift to ILIT	BOY insurance premium	BOY loan repayment	EOY loan interest paid	EOY total growth in ILIT side fund @7%	EOY ILIT side fund balance	Insurance cash surrender value	Insurance death benefit	Net to heirs from ILIT
	56-56	0	196,473	0	354,471	567,347	8,317,830	0	15,000,000	15,016,403
2	2 57-57	0	196,473	0	354,471	568,495	8,335,381	0	15,000,000	15,033,954
	58-58	0	196,473	0	354,471	569,724	8,354,160	0	15,000,000	15,052,733
4	59-59	0	196,473	0	354,471	571,038	8,374,254	109,818	15,000,000	15,072,828
Ę	60-60	0	196,473	0	354,471	572,445	8,395,755	251,485	15,000,000	15,094,328
6	61-61	0	196,473	0	354,471	573,950	8,418,761	461,573	15,000,000	15,117,334
7	62-62	0	196,473	0	354,471	575,560	8,443,377	683,363	15,000,000	15,141,951
8	63-63	0	196,473	0	354,471	577,283	8,469,717	912,225	15,000,000	15,168,290
ę	64-64	0	196,473	0	354,471	579,127	8,497,900	1,148,936	15,000,000	15,196,473
10	65-65	0	196,473	8,301,427	0	0	0	1,394,473	15,000,000	15,000,000
11	66-66	0	0	0	0	0	0	1,499,396	15,000,000	15,000,000
12	2 67-67	0	0	0	0	0	0	1,606,638	15,000,000	15,000,000
13	68-68	0	0	0	0	0	0	1,721,323	15,000,000	15,000,000
14	69-69	0	0	0	0	0	0	1,843,897	15,000,000	15,000,000
15	5 70-70	0	0	0	0	0	0	1,974,824	15,000,000	15,000,000
16	6 71-71	0	0	0	0	0	0	2,114,571	15,000,000	15,000,000
17	72-72	0	0	0	0	0	0	2,263,576	15,000,000	15,000,000
18	3 73-73	0	0	0	0	0	0	2,422,282	15,000,000	15,000,000
19	74-74	0	0	0	0	0	0	2,591,072	15,000,000	15,000,000
20	75-75	0	0	0	0	0	0	2,770,268	15,000,000	15,000,000
2	76-76	0	0	0	0	0	0	2,959,555	15,000,000	15,000,000
22	2 77-77	0	0	0	0	0	0	3,159,311	15,000,000	15,000,000
23	3 78-78	0	0	0	0	0	0	3,369,402	15,000,000	15,000,000
24	79-79	0	0	0	0	0	0	3,589,559	15,000,000	15,000,000
25	80-80	0	0	0	0	0	0	3,819,263	15,000,000	15,000,000
26	81-81	0	0	0	0	0	0	4,057,795	15,000,000	15,000,000
27	82-82	0	0	0	0	0	0	4,304,885	15,000,000	15,000,000
28	83-83	0	0	0	0	0	0	4,559,930	15,000,000	15,000,000
29	84-84	0	0	0	0	0	0	4,822,168	15,000,000	15,000,000
30	85-85	0	0	0	0	0	0	5,090,679	15,000,000	15,000,000
3	86-86	0	0	0	0	0	0	5,352,210	15,000,000	15,000,000
32	2 87-87	0	0	0	0	0	0	5,613,075	15,000,000	15,000,000
33	88-88	0	0	0	0	0	0	5,871,415	15,000,000	15,000,000
34	89-89	0	0	0	0	0	0	6,125,262	15,000,000	15,000,000
38	5 90-90	0	0	0	0	0	0	6,373,267	15,000,000	15,000,000
36	91-91	0	0	0	0	0	0	6,615,132	15,000,000	15,000,000
37	92-92	0	0	0	0	0	0	6,851,258	15,000,000	15,000,000
38	93-93	0	0	0	0	0	0	7,083,535	15,000,000	15,000,000
39	94-94	0	0	0	0	0	0	7,315,169	15,000,000	15,000,000

Year	Attained age (EOY)	BOY gift to ILIT	BOY insurance premium	BOY loan repayment	EOY loan interest paid	EOY total growth in ILIT side fund @7%	EOY ILIT side fund balance	Insurance cash surrender value	Insurance death benefit	Net to heirs from ILIT
40	95-95	0	0	0	0	0	0	7,552,458	15,000,000	15,000,000
41	96-96	0	0	0	0	0	0	7,724,924	15,000,000	15,000,000
42	97-97	0	0	0	0	0	0	7,887,549	15,000,000	15,000,000
43	98-98	0	0	0	0	0	0	8,042,781	15,000,000	15,000,000
44	99-99	0	0	0	0	0	0	8,181,565	15,000,000	15,000,000
45	100-100	0	0	0	0	0	0	8,302,481	15,000,000	15,000,000
46	101-101	0	0	0	0	0	0	8,405,323	15,000,000	15,000,000
47	102-102	0	0	0	0	0	0	8,491,679	15,000,000	15,000,000
48	103-103	0	0	0	0	0	0	8,562,528	15,000,000	15,000,000
49	104-104	0	0	0	0	0	0	8,619,537	15,000,000	15,000,000
50	105-105	0	0	0	0	0	0	8,664,872	15,000,000	15,000,000
51	106-106	0	0	0	0	0	0	8,698,492	15,000,000	15,000,000
52	107-107	0	0	0	0	0	0	8,728,207	15,000,000	15,000,000
53	108-108	0	0	0	0	0	0	8,756,259	15,000,000	15,000,000
54	109-109	0	0	0	0	0	0	8,788,278	15,000,000	15,000,000
55	110-110	0	0	0	0	0	0	8,831,129	15,000,000	15,000,000
56	111-111	0	0	0	0	0	0	8,937,734	15,000,000	15,000,000
57	112-112	0	0	0	0	0	0	9,110,535	15,000,000	15,000,000
58	113-113	0	0	0	0	0	0	9,415,309	15,000,000	15,000,000
59	114-114	0	0	0	0	0	0	9,973,433	15,000,000	15,000,000
60	115-115	0	0	0	0	0	0	10,694,326	15,000,000	15,000,000
61	116-116	0	0	0	0	0	0	11,467,339	15,000,000	15,000,000
62	117-117	0	0	0	0	0	0	12,296,242	15,000,000	15,000,000
63	118-118	0	0	0	0	0	0	13,185,074	15,000,000	15,000,000
64	119-119	0	0	0	0	0	0	14,138,169	15,000,000	15,000,000
65	120-120	0	0	0	0	0	0	15,160,172	15,160,172	15,160,172
66	121-121	0	0	0	0	0	0	16,255,469	16,255,469	16,255,469
	Totals	\$0	\$1,964,730	\$8,301,427	\$3,190,238					

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### Glossary

**Annual exclusion** The amount of money that one person may gift to another annually without incurring gift tax or affecting the lifetime exclusion. It is currently set at \$16,000 per donor per beneficiary. This presentation can factor in future indexing, as current law does index for inflation.

**Applicable Federal Rate (AFR)** The statutory interest rate that must be charged for most loans and installment agreements in order to qualify as a fair-market loan. These rates are published monthly by the government.

BOY Acronym for "Beginning of the year."

**Collateral assignment** The life insurance policy may be used as collateral to secure the loan; the grantor's attorney should determine if collateral is necessary. In Private Finance, the life insurance policy is generally not collaterally assigned. See Modified Endowment Contract (MEC) for important information related to using a collateral assignment.

**Cumulative loan balance** The total loan balance outstanding at the end of the year, including accrued interest.

 $\ensuremath{\textbf{EOY}}$  Acronym for "End of the year."

**Gift to ILIT** The total gifts to the ILIT which can be for premium, annual interest, loan repayment, or invested in the side fund.

**ILIT side fund balance** If applicable, the ILIT side fund can include any gifting or any existing balance, plus the total return.

**Loan interest rate** The interest rate charged to the ILIT for the loan. The loan rate can be specified all years, scheduled, or varied incrementally.

Loan to ILIT The amount of cash loaned to the ILIT.

**Modified Endowment Contract (MEC)** If the policy is a MEC and used as collateral for the loan, this may cause any cash value gain to be subject to income taxation. While the death benefit from a MEC is still (generally) income tax free and the policy cash value still grows on a tax-deferred basis, withdrawals and loans may be subject to tax. Please consult with your tax advisor.

**Net to heirs from ILIT** The ILIT side fund balance plus the insurance death benefit less the cumulative loan balance.

**Total growth in ILIT side fund** This presentation factors in a growth rate selected by you.

Depending on the specific options selected, some glossary terms may not appear in the presentation.

#### Important disclosures

A John Hancock life insurance policy with the Vitality program is a great way protect your family while you invest in your health and in your life. Visit **www.jhrewardslife.com** to learn more.

The policy contains specific exclusions, limitations, terms for keeping it in force, and termination provisions. Its availability and terms may vary by state. Contact your licensed agent or John Hancock for further details, as well as additional information on policy costs and features.

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This presentation assumes that the life insurance policy meets the definition of life insurance per Internal Revenue Code Section 7702(a) and is not taxed as a modified endowment contract. Withdrawals and loans from life insurance policies have the effect of reducing the death benefit and cash surrender value and may cause the policy to lapse. Surrender or lapse of the policy can cause loss of death benefit and adverse income tax consequences.

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Vitality is the provider of the John Hancock Vitality Program in connection with policies issued by John Hancock.

#### MLINY061421375-1

INSURANCE PRODU	JCTS :				
Not FDIC Insured	Ι	Not Bank Guaranteed	Ι	May Lose Value	
Not a Deposit	Ι	Not Insured by Any Federal Government Agen			

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Protection Survivorship Indexed Universal Life Insurance

#### About This Illustration

This illustration is intended to assist you in understanding how your policy may perform over time given a specified set of assumptions applied to the features of the policy. The illustration is not intended to predict your actual policy performance.

## Certain values shown in this illustration are guaranteed, and other values are not guaranteed. Unless otherwise stated, amounts credited and other values set forth in this illustration are not guaranteed.

Your policy's guaranteed values are determined at policy issue and are guaranteed not to change over the life of the policy. Non-guaranteed values may change from time-to-time in response to actions that you or the insureds take, changes that we make, or changes in the Index Segment Interest Credits. For example, the interest rate credited to the Fixed Account may exceed the guaranteed rate, the Segment Growth Rate may exceed the Segment Floor Rate, and monthly charges may be less than their corresponding maximum guaranteed charges. In addition, John Hancock ("we") may change the Segment Cap Rate and the Participation Rate. Illustrated values that are based upon non-guaranteed assumptions may be more favorable to you than the values shown based upon guaranteed assumptions.

We recommend that you request multiple illustrations that assume different Segment Growth Rates to better understand the policy performance under different scenarios.

Also, please review your policy's performance periodically to ensure you are on track to meet your goals. The illustrated Segment Growth Rate used to calculate the illustrated values is hypothetical. If the assumed Segment Growth Rate in an illustration is not achieved, this can have a significant effect on the Policy Value, with the result that you may have to pay more premiums than you had anticipated, or your policy may lapse. We also suggest you request in force illustrations from time to time which will also provide you with an updated projection of policy performance. You should review these documents with your financial professional.

This illustration is not a contract and will not become part of the policy. Descriptions provided in this illustration summarize some of the policy features; however, it does not supersede, nor should it be considered a substitute for, the policy contract. The policy constitutes the actual agreement of coverage and contains the entire terms of the contract. Capitalized terms referred to in this illustration have the meanings given in this illustration or in the policy contract.

The information provided by John Hancock to you or your financial professionals in connection with this sale is not intended as tax, legal, or investment advice or a recommendation to purchase John Hancock products and services. John Hancock and its representatives will receive compensation derived from such sales or services.

#### Brief Description of the Policy

The Protection Survivorship Indexed Universal Life Insurance policy which you are considering provides death benefit protection and premium payment flexibility. Actions you or the insureds take can affect your policy and the premium required to maintain coverage, such as:

- The amount and timing of premiums you pay
- Your allocation of policy values among the options available in the policy
- Any loans, withdrawals, or material changes you make to your policy
- The lives insured achieving, or not achieving, a certain Status level in regard to your policy's Healthy Engagement benefit

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Your policy can also be affected by:

- · Changes that we make to the current declared interest rate of the Fixed Account
- Changes in the Index Segment Interest Credits earned by Segments in an Index Account on a Segment Maturity Date
- · Changes to the current Cost of Insurance rates
- Changes to the qualification requirements for a Status level in regard to your policy's Healthy Engagement benefit

#### Premiums You Pay

One of the advantages of Protection Survivorship Indexed Universal Life Insurance is premium payment flexibility, allowing you to vary the amount and frequency of your payments as long as the premiums you pay, less premium charges, and interest amounts credited to your policy are sufficient to cover the Monthly Deductions and any other charges. Premiums are subject to maximum guidelines allowed by the Internal Revenue Code, and premium payments in excess of the Planned Premium are subject to our approval. Policy loans, withdrawals or changes in crediting rates to the Fixed Account or the Indexed Accounts could necessitate additional premium payments to maintain your insurance coverage. Premium limits and requirements may change after issue if unscheduled changes are made or if planned changes are made at different times than originally assumed.

This illustration assumes an initial Planned Premium of \$196,473.00 and that all subsequent premium payments are made at the beginning of each modal period you selected (e.g., monthly, annually). Paying less than the Planned Premium can have a negative impact on the policy and its guarantees. Reduced or discontinued premiums in future years are only possible if the premiums paid and amounts credited are sufficient to cover the Monthly Deduction and any other charges. The Minimum Initial Premium is shown on the Basic Illustration Summary page and is the minimum premium needed to put the policy in force.

Based on the initial Death Benefit and other policy assumptions shown in the illustration, the level annual premium to guarantee coverage for life is \$295,650.71. Premiums are subject to maximum guidelines allowed by the Internal Revenue Code.

Please refer to the Basic Illustration Summary page for your initial premium allocation.

#### Your Death Benefit

This illustration reflects an initial Death Benefit of \$15,000,000 (Option 1). The initial Death Benefit is composed of \$15,000,000 in Face Amount. The Net Death Benefit reflects the reduction of the Death Benefit by any Policy Debt (total loans plus any loan interest due).

This policy illustration shows the Death Benefit Protection feature guaranteeing the policy death benefit to the younger Life Insured's attained age 86.

As long as the Death Benefit Protection feature is in effect, your policy cannot lapse even if the Net Cash Surrender Value falls to zero or below. The Death Benefit Protection feature will stay in effect as long as the reference value called the Net Death Benefit Protection Value is greater than zero.

The Death Benefit Protection Value is a reference value and is only used to determine whether or not the Death Benefit Protection feature will stay in effect. The policy owner cannot access this reference value.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Like your Policy Value, the Death Benefit Protection Value is directly affected by the timing and amounts of premiums paid. To ensure that you have the Death Benefit Protection feature in effect for the period illustrated, it is important that premium payments are paid when they are due, otherwise your policy may lapse. For purposes of calculating your Death Benefit Protection Value, we will apply premiums retroactively to the beginning of the policy month in which they are received.

Death benefit option changes, loans, withdrawals, rider termination or change, and/or face amount decreases will also affect the Death Benefit Protection feature. If a policy loan is outstanding, the Death Benefit Protection feature will not prevent your policy from lapsing if the Net Policy Value falls to zero. The Death Benefit Protection Feature cannot be reinstated after it lapses.

#### Allocation of Your Policy Values and Interest Credits

You may allocate premium or transfer policy value to the Fixed Account or to one or more of the Indexed Accounts described below.

#### **The Fixed Account**

The Fixed Account (referred to as the Guaranteed Interest Account in your policy) credits interest daily at a current annual rate that we declare, subject to the Minimum Guaranteed Interest Account Annual Rate of 1%. The Fixed Account is not linked to the performance of any index, and thus is likely to experience lower volatility than the Indexed Accounts. At the same time, the long-term performance of the Fixed Account may be expected to be lower than the Indexed Accounts.

The illustrated current rate shows the rate of interest increasing for policies that are still in force at the beginning of Policy Year 11. We may credit your policy with a "persistency bonus," which is illustrated here to be an annual increase of 0.65%. We do not guarantee that there will be an increase in the Fixed Account interest rate due to a persistency bonus. If there is an increase, it will be applied only to the un-loaned portion of Policy Value allocated to the Fixed Account, and to any amount allocated to an Indexed Account but not yet designated to a Segment.

#### The Indexed Accounts

The Indexed Accounts offered in the policy are the Select Capped Indexed Account, the Base Capped Two Year Indexed Account, the Barclays Global MA Bonus Indexed Account, the Barclays Global MA Classic Indexed Account, the Capped Indexed Account, the High Capped Indexed Account and the High Par Capped Indexed Account.

This illustration assumes amounts are allocated to the Indexed Accounts to form new Segments on the Issue Date. However, amounts allocated to the Indexed Accounts only form new Segments on the Segment Initiation Date (generally, the 15th of the month), subject to a Lock In Date of three Business Days prior to the Segment Initiation Date. Depending on the date we receive your premium, there may be a delay of up to one month between the premium receipt date and the Segment Initiation Date when any allocated portion of the premium is included in a new Segment.

#### **Index Segment Interest Credit**

For any Indexed Account that you elect, an Index Segment Interest Credit will be calculated using a formula described in your policy that references an external index ("Index") and Indexed Account parameters:

• **The Indices** that the Indexed Accounts reference are the Standard & Poor's 500 Composite Price Index and the Barclays Global MA Index. While the Indexed Accounts refer to these Indices, the policy does not directly participate in any stock or equity investments. Each Indexed Account tracks an Index and measures the performance of the Index from the Segment Initiation Date to the Segment Maturity Date, without including dividends.

• The S&P 500 Index includes 500 large cap common stocks actively traded in the United States.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

• **The Barclays Global MA Index** (the Index) is a rules-based index that has twelve components that provide diversification across asset classes and geographic regions in recognition that the components react differently to the same market or economic environment. The components and the maximum and minimum weights to each component are the following Barclays Bank PLC or its affiliates' indexes or commodities futures:

Barclays Bank PLC or its affiliates' indexes or commodities futures								
Component	Min/Max							
Barclays US Tracker ER Index (BXIIUSER)	7.5% / 25%							
Barclays US Tech Tracker ER Index (BXIITTER)	5% / 20%							
Barclays Europe Tracker USD ER Index (BXIIETUE)	5% / 20%							
Barclays GERMANY Tracker USD ER Index (BXIIDEUE)	2.5% / 15%							
Barclays Japan Tracker USD Index (BXIIJTUE)	2.5% / 15%							
Barclays MSCI Emerging Market Tracker ER Index (BXIIMEER)	2.5% / 10%							
Gold Futures (BCC2GC0P)	0% / 20%							
Barclays US 5yr Treasury Futures Index (BXIIUS05)	0% / 50%							
Barclays US 10yr Note Futures Index (BXIIUS10)	0% / 50%							
Barclays Euro-Bobl Alt Roll Futures in USD (BXIIE05D)	0% / 50%							
Barclays Euro-Bund Alt Roll Futures Index in USD (BXIIE10D)	0% / 50%							
Barclays JGB Alt Roll 10yr Futures ER Index in USD (BXIIJTED)	0% / 50%							

The Index's rules create a component portfolio that allocates among the components based on the Modern Portfolio Theory, on performance momentum, and the volatility of each component, subject to the maximum and minimum weights for each component and a portfolio target volatility of 7%. Allocations based on Modern Portfolio Theory seek to find the allocation among the components that provide the maximum return at a given risk level. Allocations based on performance momentum seek to increase allocations to components with stronger recent performance, and reduce allocation to components with weaker recent performance. Based on these allocation rules, the sum of each component allocation may be as high as 150%. The component portfolio may change daily.

The higher the allocation to fixed income components or the lower exposure to the component portfolio, the lower the potential increase in the Index value. In addition, if at a time the Index has a higher allocation to fixed income components or a lower exposure to the component portfolio, equities experience a rapid upswing, the Index will not increase in value in the same manner as the increase in equities. Moreover, in a rapidly rising interest rate environment, the higher the allocation to fixed income components, the lower the potential increase in the Index value.

Once the component portfolio is constructed, the Index will adjust the exposure to the component portfolio to maintain "volatility control". If the recent volatility of the component portfolio is greater than 7%, the component portfolio exposure will be less than 100%, and may be as low as 25%. If it is less than 7%, the component portfolio exposure can be greater than 100%, and may be as high as 150%. The impact of the maximum sum of the components allocation of 150% together with the maximum volatility control exposure may result in a maximum total component portfolio exposure of 225%. The exposure may change daily.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

The change in the Barclays Global MA Index in up market conditions will not be as high, and in down market conditions as low, had there not been the volatility control. Note that the indexed accounts provide down market protection through the Segment Floor Rate of 0%. Thus, the volatility control feature of the Barclays Global MA Index may benefit John Hancock through reduced hedging costs.

The Index's rationale may not be successful and the ability to construct the component portfolio may not be possible or subject to being recreated on another computer. The Index also takes into account for each component a "running cost" ranging from 0.20% to 0.30% per annum and a "rebalancing cost" ranging from 0.02% to 0.05% depending on the component, and is deducted on the relevant trading day. These costs reduce the daily Index value.

• The Indexed Account parameters of each Indexed Account may include a Segment Floor Rate, a Segment Cap Rate, a Segment Term, a Participation Rate, a Fixed Bonus Interest Rate, and a Guaranteed Indexed Account Multiplier. Discuss these parameters with your financial professional to ensure you understand how they may affect the Index Segment Interest Credit.

The Segment Cap Rate limits the rate that is used in calculating the Index Segment Interest Credit. If the positive index change multiplied by the Participation Rate results in a rate that is higher than the Segment Cap Rate, we will use the Segment Cap Rate to determine the Index Segment Interest Credit. If the positive index change multiplied by the Participation Rate is less than the Segment Cap Rate but greater than the Segment Floor Rate, we would use the index change multiplied by the Participation Rate to determine the Index Segment the Index Segment Interest Credit. Any positive return is further enhanced by a Guaranteed Indexed Account Multiplier, if applicable, in the Index Segment Interest Credit calculation.

Following are the Indexed Accounts currently offered and their respective Indexed Account parameters:

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

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Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

	Indexed Account Parameters									
			Guaranteed		Guaranteed					
		Current	Segment	Current	Indexed	Index				
Index		Segment Cap	Minimum Cap	Participation	Account	Performance				
Account	Index	Rate	Rate	Rate	Multiplier	Charge				
Select Capped	S&P 500	8.50%	3.00%	100%	5%	0.00%				
Base Capped Two Year (2-Year Segment										
Term)	S&P 500	24.00%	3.00%	100%	0%	0.00%				
Barclays Global MA Bonus	Barclays Global MA	N/A**	N/A	100% (10% minimum)	0% *	0.00%				
Barclays Global MA Classic	Barclays Global MA	N/A**	N/A	125% (20% minimum)	0%	0.00%				
Capped	S&P 500	7.75%	3.25%	100%	65%	1.98%				
High Capped	S&P 500	10.00%	3.75%	100%	38%	1.98%				
High Par Capped	S&P 500	7.00%	3.00%	160% (140% minimum)	65%	1.98%				

\* This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

\*\* While there is no contractual segment cap rate for these accounts, there is a volatility control mechanism built into the Index rules that will impact the returns on these accounts. As described above, the change in the Barclays Global MA Index in up market conditions will not be as high as it would be had there not been the volatility control.

#### Unless these Indexed Account parameters are guaranteed, the Indexed Account parameters may be changed from time to time by John Hancock for any Segment created after the date of the change. If the Indexed Account parameters are lower than illustrated, the amount of Index Segment Interest Credit applied to your Policy Value will be less. This may affect the long-term performance of your policy and you may need to make additional premium payments in order to keep your policy in force.

John Hancock reserves the right to add Indexed Accounts or cease offering one or more of the Indexed Accounts at any time. We also reserve the right for any Indexed Account to substitute an Index with another Index for any reason. If we substitute an Index for another Index, the Indexed Account will continue to offer the same guaranteed Indexed Account Multiplier and guaranteed Indexed Account parameters. We will give you notice when we do so. Depending on what we add, substitute, or remove, the expected return and volatility relationship among Indexed Accounts might change. You should contact your financial professional to select an allocation that is best for you.

Each Indexed Account has different parameters that presents you with a different risk and return profile and a different range of potential outcomes.

### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

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Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Following are hypothetical examples showing each Indexed Account that is available with this life insurance policy. The examples are using the hypothetical cap rate, participation rate, guaranteed multipliers, guaranteed fixed bonus interest, and index performance charge and show how the Indexed Accounts would perform under three different index returns. The Segment Growth Rate is the index change multiplied by the participation rate, subject to the hypothetical cap rate. The crediting rate is the Segment Growth Rate multiplied by one plus the Guaranteed Indexed Account Multiplier or the crediting rate is the Segment Growth Rate plus the Guaranteed Fixed Bonus Interest (if applicable).

	Index Returns 0% or Lower										
							Crediting				
			Guaranteed				Rate minus				
		Hypothetical	Indexed	Index	Segment		Index				
Index	Hypothetical	Participation	Account	Performance	Growth	Crediting	Performance				
Account	Сар	Rate	Multiplier	Charge	Rate	Rate	Charge				
Select Capped	8.50%	100%	5%	0.00%	0.00%	0.00%	0.00%				
Base Capped Two Year											
(2-Year Segment Term)	24.00%	100%	0%	0.00%	0.00%	0.00%	0.00%				
Barclays Global MA Bonus	N/A**	100%	0% *	0.00%	0.00%	0.65%	0.65%				
Barclays Global MA Classic	N/A**	125%	0%	0.00%	0.00%	0.00%	0.00%				
Capped	7.75%	100%	65%	1.98%	0.00%	0.00%	-1.98%				
High Capped	10.00%	100%	38%	1.98%	0.00%	0.00%	-1.98%				
High Par Capped	7.00%	160%	65%	1.98%	0.00%	0.00%	-1.98%				

\* This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

\*\* While there is no contractual segment cap rate for these accounts, there is a volatility control mechanism built into the Index rules that will impact the returns on these accounts. As described above, the change in the Barclays Global MA Index in up market conditions will not be as high as it would be had there not been the volatility control.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

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**Index Returns 5%** Crediting Rate minus Guaranteed Hypothetical Indexed Segment Index Index Hypothetical Participation Growth Performance Index Account Performance Crediting Multiplier Account Cap Rate Charge Rate Rate Charge 5% 8.50% 100% 0.00% 5.00% 5.25% 5.25% Select Capped Base Capped Two Year (2-Year Segment 24.00% 100% 0% 0.00% 5.00% 5.00% 5.00% Term) Barclays Global N/A\*\* 0% \* 100% 0.00% 5.00% 5.65% 5.65% MA Bonus Barclays Global N/A\*\* 125% 0% 0.00% 6.25% 6.25% 6.25% MA Classic 7.75% 100% 65% 5.00% 8.25% 6.27% 1.98% Capped 10.00% 100% 38% 1.98% 5.00% 6.90% 4.92% High Capped 7.00% 160% 65% 1.98% 7.00% 11.55% 9.57% High Par Capped

\* This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

\*\* While there is no contractual segment cap rate for these accounts, there is a volatility control mechanism built into the Index rules that will impact the returns on these accounts. As described above, the change in the Barclays Global MA Index in up market conditions will not be as high as it would be had there not been the volatility control.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

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	Index Returns 20%										
Index Account	Hypothetical Cap	Hypothetical Participation Rate	Guaranteed Indexed Account Multiplier	Index Performance Charge	Segment Growth Rate	Crediting Rate	Crediting Rate minus Index Performance Charge				
Select Capped	8.50%	100%	5%	0.00%	8.50%	8.93%	8.93%				
Base Capped Two Year (2-Year Segment Term)	24.00%	100%	0%	0.00%	20.00%	20.00%	20.00%				
Barclays Global MA Bonus	N/A**	100%	0% *	0.00%	20.00%	20.65%	20.65%				
Barclays Global MA Classic	N/A**	125%	0%	0.00%	25.00%	25.00%	25.00%				
Capped	7.75%	100%	65%	1.98%	7.75%	12.79%	10.81%				
High Capped	10.00%	100%	38%	1.98%	10.00%	13.80%	11.82%				
High Par Capped	7.00%	160%	65%	1.98%	7.00%	11.55%	9.57%				

\* This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

\*\* While there is no contractual segment cap rate for these accounts, there is a volatility control mechanism built into the Index rules that will impact the returns on these accounts. As described above, the change in the Barclays Global MA Index in up market conditions will not be as high as it would be had there not been the volatility control.

These three hypothetical examples show how the combination of an Indexed Performance Charge and an Indexed Account Multiplier results in a wider range of potential outcomes compared to the Indexed Accounts that do not include these parameters. These examples do not take into account the other charges that may be deducted and credits that may be applied to your policy value, or that the Indexed Accounts may be tied to different external indices, which may have different upside potential. You should request multiple illustrations that assume different Segment Growth Rates to better understand the policy performance under different scenarios. When the Index Segment Interest Credit for any Segment of an Indexed Account is less than the annualized Indexed Performance Charge applicable for that Segment, the effective annual return on the portion of the Policy Value in that Segment will be negative.

Your financial professional can help you understand how these Indexed Accounts will operate under different scenarios, and which of the Indexed Accounts, or the Fixed Account, might be best given your financial objectives and risk tolerance. Your financial professional can also help you to understand how the policy might be expected to perform in adverse scenarios, such as where Indexed Account parameters are changed so that they are closer to their respective guarantees, and how those changes to the Indexed Account parameters will impact the amount of premium that you will have to pay to maintain the policy in force.

# Historical Performance of the S&P 500 Index and the corresponding hypothetical Index Segment Interest Credit for an Indexed Account that references the S&P 500

The following table shows the actual historical Index Change in the S&P 500 Index and the corresponding hypothetical Index Segment Interest Credit for each Indexed Account that references the S&P 500 Index over the most recent 20-year period. These values should not be considered a representation of past or future performance of the Indexed Accounts available in a policy. The table assumes the current Indexed Account parameters for the applicable Indexed Accounts.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd)

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** Mrs Valued Client Female - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

	Historical Performance of an Index									
					High Par	Base High Par				
		Select Capped	Capped	High Capped	Capped	Capped				
	S&P 500 Index	Indexed	Indexed	Indexed	Indexed	Indexed				
	Point- to-Point	Account (8.5%	Account (7.75%	Account (10.0%	Account (7.0%	Account (8.5%				
Year*	Performance	cap)	cap)	cap)	cap)	cap)				
2001-2002	-20.80%	0.00%	0.00%	0.00%	0.00%	0.00%				
2002-2003	20.76%	8.93%	12.79%	13.80%	11.55%	8.50%				
2003-2004	12.03%	8.93%	12.79%	13.80%	11.55%	8.50%				
2004-2005	5.76%	6.05%	9.50%	7.95%	11.55%	8.50%				
2005-2006	12.00%	8.93%	12.79%	13.80%	11.55%	8.50%				
2006-2007	2.98%	3.13%	4.92%	4.11%	7.87%	4.77%				
2007-2008	-40.07%	0.00%	0.00%	0.00%	0.00%	0.00%				
2008-2009	26.64%	8.93%	12.79%	13.80%	11.55%	8.50%				
2009-2010	11.44%	8.93%	12.79%	13.80%	11.55%	8.50%				
2010-2011	-2.40%	0.00%	0.00%	0.00%	0.00%	0.00%				
2011-2012	16.65%	8.93%	12.79%	13.80%	11.55%	8.50%				
2012-2013	25.59%	8.93%	12.79%	13.80%	11.55%	8.50%				
2013-2014	12.79%	8.93%	12.79%	13.80%	11.55%	8.50%				
2014-2015	0.98%	1.03%	1.62%	1.35%	2.59%	1.57%				
2015-2016	11.44%	8.93%	12.79%	13.80%	11.55%	8.50%				
2016-2017	17.70%	8.93%	12.79%	13.80%	11.55%	8.50%				
2017-2018	-1.96%	0.00%	0.00%	0.00%	0.00%	0.00%				
2018-2019	21.88%	8.93%	12.79%	13.80%	11.55%	8.50%				
2019-2020	15.11%	8.93%	12.79%	13.80%	11.55%	8.50%				
2020-2021	27.05%	8.93%	12.79%	13.80%	11.55%	8.50%				
* Source: S&P 50	0 Index Data froi	m 12/14/2001 to	12/14/2021							

Presented By: \*

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Historical Performance of an Index								
	S&P 500 Index	Base Capped Two Year						
	Point-to-Point	Indexed Account (24.0%						
Year*	Performance	cap)						
2000 - 2002	-33.67%	0.00%						
2001 - 2003	-4.36%	0.00%						
2002 - 2004	35.29%	24.00%						
2003 - 2005	18.49%	18.49%						
2004 - 2006	18.46%	18.46%						
2005 - 2007	15.34%	15.34%						
2006 - 2008	-38.29%	0.00%						
2007 - 2009	-24.10%	0.00%						
2008 - 2010	41.13%	24.00%						
2009 - 2011	8.77%	8.77%						
2010 - 2012	13.85%	13.85%						
2011 - 2013	46.50%	24.00%						
2012 - 2014	41.65%	24.00%						
2013 - 2015	13.89%	13.89%						
2014 - 2016	12.53%	12.53%						
2015 - 2017	31.16%	24.00%						
2016 - 2018	15.39%	15.39%						
2017 - 2019	19.49%	19.49%						
2018 - 2020	40.29%	24.00%						
2019 - 2021	46.24%	24.00%						
* Source: S&P 500 Index Dat	a from 12/14/2000 to 12/14	4/2021						

### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Historical Performance of the Barclays Global MA Index and the corresponding hypothetical Index Segment Interest Credit for an Indexed Account that references the Barclays Global MA Index

The following table shows hypothetical Index Change in the Barclays Global MA Index because the Index was created in 2021. The hypothetical Index Change is based on hypothetical values of the Barclays Global MA Index using the Index's rules as applied to the market conditions in prior periods and the values of the underlying components from December 2006 to December 2021. For periods prior to when these components were available, the values are based upon the hypothetical values using the securities or commodities that would have comprised the underlying components based upon their respective objectives. The hypothetical Index Change is shown to reflect how the Barclays Global MA Index are prepared with the benefit of hindsight. There can be no assurances that the Barclays Global MA Index values will actually perform in the same manner as the hypothetical values. There are numerous factors which will impact actual performance, including general market conditions as well as whether the Index's rationale is successful or whether the Index can be constructed according to the Index's rules. These Index Changes shown in the Table should not be considered a representation of past or future Index Change for the Barclays Global MA Index or the performance of the Indexed Accounts available under the policy. The table assumes the current Indexed Account parameters for the applicable Indexed Accounts.

	<b>Historical Perform</b>	nance of an Index	
	Barclays Global MA	Barclays Global MA	
	Index Point-To-Point	Bonus (No Cap; 0.65%	Barclays Global MA
Year*	Performance	Fixed Bonus**)	Classic (No Cap)
2006-2007	6.66%	6.66%	6.66%
2007-2008	-10.68%	0.00%	0.00%
2008-2009	12.83%	12.83%	12.83%
2009-2010	12.63%	12.63%	12.63%
2010-2011	11.93%	11.93%	11.93%
2011-2012	10.39%	10.39%	10.39%
2012-2013	15.20%	15.20%	15.20%
2013-2014	13.97%	13.97%	13.97%
2014-2015	-2.07%	0.00%	0.00%
2015-2016	7.77%	7.77%	7.77%
2016-2017	11.60%	11.60%	11.60%
2017-2018	-2.30%	0.00%	0.00%
2018-2019	17.69%	17.69%	17.69%
2019-2020	8.43%	8.43%	8.43%
2020-2021	2.60%	2.60%	2.60%
* Source: Barclays Global	MA Index Data from 12/	14/2006 to 12/14/2021	
** Fixed Bonus is not incl	uded in the index return		

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

#### **Illustrated Segment Growth Rate**

Illustrations of indexed universal life insurance policies are developed starting with an assumed hypothetical rate of return that you or your financial professional select, subject to a maximum hypothetical rate of return that is determined by regulation (the "Maximum Segment Growth Rate"). This regulation sets a limit based upon the historical returns of the Index. The Indexed Account parameters are then applied to this hypothetical rate of return to determine the hypothetical maximum crediting rate that will be used to illustrate the values related to your policy. These illustrated values will then be adjusted by any credits added to--and any charges deducted from–your policy value.

The following table shows the 25-year geometric average annual Segment Growth Rate, as well as its minimum and maximum. Note the Barclays Global MA Index was created in 2021 and does not have data for these 25-year Segment Growth Rates.

Maximum Segment Growth Rate											
Min Average Max											
Benchmark Indexed Account	3.98%	6.34%	7.84%								
Select Capped Indexed Account (8.5% Cap)	3.55%	5.48%	6.90%								
Base Capped Two Year Indexed Account (24.0% Cap)	4.53%	6.84%	8.82%								
Barclays Global MA Bonus Indexed Account	N/A	N/A	N/A								
Barclays Global MA Classic Indexed Account	N/A	N/A	N/A								
Capped Indexed Account (7.75% Cap)	3.32%	5.04%	6.41%								
High Par Capped Indexed Account (7.0% Cap) and Participation Rate (160% Current)	3.36%	4.81%	6.12%								
High Capped Indexed Account (10.0% Cap)	3.90%	6.21%	7.69%								

It's important to keep in mind that:

• Illustrating the same hypothetical maximum crediting rate each year over the life of the policy may not be not realistic.

• The policy illustration is a presentation of hypothetical values that are based upon assumptions that you or your financial professional determine. The illustration is designed to show how the policy is expected to perform under various conditions, rather than to be a projection of the policy's actual performance.

You should review your policy's performance periodically to ensure you are on track to meet your goals. As an example, if the returns assumed in an illustration are not achieved, this can have a significant effect on the policy value, with the result that you will have to pay more premiums to maintain the policy in force than you had anticipated.

#### Accessing Your Policy Value

#### Surrenders

You can surrender your policy for its cash value at any time. We will pay you the Policy Value less a Surrender Charge and any Policy Debt you may have.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client	Initial Death Benefit \$15,000,000
Male - 55 - Preferred NonSmoker	Face Amount \$15,000,000
Initial Assumed Status: Bronze	Initial Planned Premium: \$196,473.00 / Billing Mode: Annual
Mrs Valued Client	Death Benefit Option 1; Cash Value Accumulation Test
Female - 55 - Preferred NonSmoker	State: Minnesota
Initial Assumed Status: Bronze	Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

#### Withdrawals

After your policy has been in force for one year, you can make partial cash withdrawals. Withdrawals reduce the Policy Value and the Death Benefit, and the amount of the withdrawal may be subject to a Surrender Charge. Withdrawals and any related Surrender Charge amounts are first deducted from the Fixed Account, and then from Segments in the Indexed Accounts on a proportionate basis. If illustrated, withdrawals are assumed to be taken at the beginning of the month.

A withdrawal from the Indexed Accounts that was not pre-scheduled using the Systematic Withdrawal program will initiate a one-year Lock Out Period during which no new Segments in an Indexed Account may be created except for those resulting from a maturing Segment.

#### Loans

Policy loans may be taken against the Policy Value at any time. The maximum loan amount available is the policy's Cash Surrender Value at the time of request, less any existing Policy Debt, less Monthly Deductions through the remainder of the Policy Year, all multiplied by one minus the rate of Loan Interest Charged for a policy loan. Interest is charged on the outstanding Policy Debt, and in the event that you do not pay the Loan Interest Charged in any Policy Year, it will be borrowed against the policy and added to the Policy Debt in arrears at the Policy Anniversary.

Your policy offers a choice between a Standard Loan or an Index Loan, though only the Standard Loan option is available during the first 3 Policy Years and only one loan option may be utilized at a time.

The choice of a Standard Loan or Index Loan can have a significant effect on the net cost of a loan and your Policy Value. Index Loans can have the effect of amplifying – both positively and negatively – the impact that the performance of the Indexed Accounts have on the policy. Therefore, the risk of policy lapse with an Index Loan is greater than it would be with a Standard Loan.

The cost of an Index Loan can vary much more substantially than that of a Standard Loan. The net cost of an Index Loan equals the Loan Interest Charged less the sum of any Index Segment Interest Credits earned for portions of the loan that are secured by the Indexed Accounts and the Loan Interest Credited to the Loan Account. For instance, assuming there is no Loan Account, an Index Loan with a loan charged rate of 5% and Index Segment Interest Credit(s) of 0% would result in a net loan cost of 5% – much higher than the cost of a Standard Loan. Conversely, a loan charged rate of 5% and Index Segment Interest Credit(s) of 10% would result in a net loan gain of 5% to the policy.

If projected, policy loans are assumed to be taken at the beginning of the month, and the loan interest rate used in this policy illustration is shown in the Policy Summary. The illustrated values for the guaranteed assumption illustrations reflect the Maximum Loan Interest Charged Annual Rate of 15% and Index Segment Interest Credits of 0% for the Standard Loan and the Index Loan Options. If there is a loan that is collateralized by policy value in the Indexed Accounts, illustrative values for all non-guaranteed assumption illustrations reflect, for the portion of the policy value in the Indexed Accounts used as collateral for loans, a credited rate that takes into account any applicable adjustment for Indexed Account Multipliers but is no greater than the Loan Interest Charged rate plus 0.50% and any other applicable current charges and current credits. The illustrative values are hypothetical.

**Standard Loan** Under the Standard Loan option, loan proceeds and any capitalized loan interest are, to the extent possible, secured by amounts you have in the Fixed Account that are transferred to a Loan Account. Any amount borrowed in excess of amounts in the Fixed Account is secured by the Indexed Accounts, and as Indexed Account Segments mature those proceeds will be transferred to the Loan Account.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

The net cost of a Standard Loan equals the Loan Interest Charged less the sum of the Loan Interest Credited to the Loan Account and any Index Segment Interest Credits earned for portions of the Ioan that may be secured by the Indexed Accounts. The Ioan interest rate charged is guaranteed not to exceed 15.0%. Loan interest is payable in arrears. The Ioan Interest Credited Differential is guaranteed not to exceed 1.25% in years 1-10 and 0.25% in years 11+.

**Index Loan** Under the Index Loan option, Ioan proceeds and any capitalized Ioan interest are, to the extent possible, secured by amounts you have in the Indexed Accounts. Amounts from the Indexed Accounts used to secure a Ioan remain in Indexed Account Segments, where those Segments may earn a Segment Interest Credit upon Segment Maturity. Any amount borrowed in excess of the Indexed Accounts is secured by the Fixed Account. Index Loan interest rates are variable and subject to change annually on the Annual Processing Date.

The net cost of an Index Loan equals the Loan Interest Charged less the sum of any Index Segment Interest Credit earned for portions of the loan that are secured by the Indexed Accounts and the Loan Interest Credited to the Loan Account. The loan interest rate charged is guaranteed not to exceed 15% in all years, and the loan crediting rate is guaranteed not to be less than the Segment Floor Rate. If an Index Loan is illustrated, the Loan Interest Credited rate to the Indexed Accounts will not be any greater than the Loan Interest Charged rate plus 0.5%.

#### Life Expectancy

The estimated joint life expectancy is 38 years assuming 2015 VBT Smoker/Nonsmoker Mortality Table. It does not predict when the second life will die. It is expected that more than half of the insureds will live longer than the average.

#### **Other Policy Features and Benefits**

#### Policy Continuation at Age 121

Provided your coverage is in effect on the policy anniversary nearest the date on which the younger Life Insured would have reached, or if the surviving Life Insured reaches attained age 121, coverage will continue thereafter. We will continue to credit interest to the Fixed Account, and when applicable, apply Index Segment Interest Credits to any Index Account Segments at each Segment Maturity Date. No additional charges, other than those for any outstanding policy loans, will be deducted.

Tax implications with respect to policies that continue beyond age 121 are not clear at the present time. We urge you to consult with your tax advisor regarding this issue.

#### Healthy Engagement Rider (Vitality PLUS)

The Healthy Engagement Rider provides the opportunity each year, beginning in policy year 2, to apply a Rider Credit to your Policy Value based on the Status achieved by each Insured. There are four Status levels: Bronze, Silver, Gold and Platinum. The achievement of a Status other than Bronze is dependent upon the Life Insureds meeting certain Status Qualification Requirements in each year. On each Annual Processing Date, John Hancock will use the Life Insureds' current Status as of that date to determine a schedule of Rider Credits that will be applied in the current policy year and the subsequent 19 policy years. The formula for determining Rider Credits is described in the policy and guaranteed not to change. The Status Qualification requirements may be changed, as described in the policy. Current Status Qualification Requirements can be found on www.JohnHancockVitality.com.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

The rider is available for an additional charge of \$4 per month deducted from your Policy Value. This charge will be deducted from the policy value until the younger Life Insured attains age 80 and the policy has reached its 10th policy anniversary, or we receive a request to discontinue the rider, regardless of whether the Life Insureds participate in the program and if any Rider Credits are added to the Policy Value. If you elect this rider, you may discontinue it at any time and the rider charge will no longer be deducted from your Policy Value. At the earlier of the younger insured's attained age 80 or the discontinuation of this rider, the rider charge will cease, no new Rider Credits will be earned, and all previously earned Rider Credits will continue to apply as described in the policy. Each life insured may continue to earn a Status. This rider cannot be reinstated after discontinuation.

This illustration assumes that both Insureds are living and that each year, Life Insured 1 achieves a Status of Bronze and Life Insured 2 achieves a Status of Bronze. Achieving a different Status will affect the amount of Rider Credits applied. Rider Credits are applied to the policy value and may be used to reduce the amount of premium required to maintain coverage and/or increase the policy's Death Benefit Protection Value as reflected in the attained ages at lapse shown below.

This table shows how achieving different Statuses could affect the continuation of coverage, keeping other assumptions constant (including planned premiums, issue age, risk class, current charges, and assumed interest crediting rate):

		Attained Age of Younger Insured at Lap						
Insured 1 Assumed Status (all years)	Insured 2 Assumed Status (all years)	Guaranteed Charges and Rate	Current Charges and Assumed Rate					
Platinum	Platinum	87	N/A					
Gold	Gold	87	N/A					
Silver	Silver	87	N/A					
Bronze	Bronze	86	N/A					
*The attained age at lapse is hypothetical and based on the same assumed premium payments and factors shown on the Basic Illustration Summary page.								

This illustration includes a hypothetical scenario that assumes the Lives Insured earn the illustrated statuses in all years assuming maximum charges and a 0.00% rate of return.

This illustration also includes a hypothetical scenario that assumes each Life Insured remains at Bronze Status in all years and receives no Rider Credits. You may request additional illustrations with different assumptions to understand how a Status change can affect your policy.

John Hancock will treat the monthly rider charges as distributions from your life insurance policy for federal income tax purposes, and thus such charges may be includable in your taxable income if the policy is a MEC or the cost basis is \$0. If the policy is a MEC, a 10% penalty tax also may apply. See the "Taxation Of Life Insurance" section of this illustration for additional information. The value of some of the rewards such as gift cards and other cash equivalents may be includable in your taxable income and John Hancock would have to report them to the IRS on Form 1099-MISC if the combined value totals at least \$600 per year. Since the tax treatment of such benefits is subject to some uncertainty, you should consult your own tax advisor.

This is your Basic Illustration and is valid only if all illustration pages are included.Version: 18.3.1 R[0-0-0-24592-2560-8192] - 332Page 16 of 35

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) **Presented By: \*** 

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$15.000.000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

#### TAXATION OF LIFE INSURANCE

#### **Important Notice**

The information contained in this illustration is based on certain tax and legal assumptions. We suggest that you seek professional tax counsel regarding the interpretation of current tax laws and accounting practices as they relate to your actual situation. This material does not constitute tax or legal advice and neither John Hancock nor any of its agents, employees or registered representatives are in the business of offering such advice. You should consult with your own tax advisor.

#### **Definition of Life Insurance**

Definition of Life Insurance testing has been performed on the assumed scale only and is dependent on the assumptions in that projection. It may not be applicable to the alternate projections shown.

In order to qualify for the income tax advantages of life insurance, a life insurance policy must satisfy one of two Definition of Life Insurance tests under Internal Revenue Code (IRC) Section 7702. This product uses the Cash Value Accumulation Test which requires that the Death Benefit be increased automatically, so that the Policy Value will never exceed the Net Single Premium for the Death Benefit.

The additional death benefit (described above) that is required in order to satisfy the Definition of Life Insurance is referred to as Required Additional Death Benefit.

#### Income Tax Treatment of Distributions from a Life Insurance Policy

#### **Pre-death Distributions**

The Cash Surrender Value in a life insurance policy grows on a tax-deferred basis. The Cash Surrender Value growth (gain) is not taxed unless it is distributed to the policyholder. If properly structured, you can access your Cash Surrender Value to provide a tax-free income subject to the limitations described below.

A policyholder may access their Cash Surrender Value prior to death by surrendering the policy, by taking a withdrawal or by taking a loan. Certain rider charges are also treated as distributions from the policy's Cash Surrender Value. If the policy is not a Modified Endowment Contract (described below), these pre-death distributions are generally treated as a return of the policyholder's investment in the contract (cost basis). Most distributions reduce the policyholder's investment in the contract (cost basis) until it has been reduced to \$0. Any further distributions would be considered to be paid from the gain in the policy and are includible in gross income.

Exceptions:

 A loan is not considered to be a distribution from the policy for tax purposes unless the policy lapses or is surrendered with an outstanding loan or the policy is a MEC. The outstanding loan is included in the Cash Surrender Value used for determining the gain in the policy, which may result in the loan being taxable upon surrender or lapse, even if net Cash Surrender Value paid to the policyholder at that time is \$0.

 Withdrawals in the first 15 years from heavily funded non-MECs are taxed on a gain-first basis under the recapture ceiling of IRC Section 7702(f)(7).

### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

#### Modified Endowment Contract (MEC)

The Technical and Miscellaneous Revenue Act (TAMRA) of 1988 classifies some policies as Modified Endowment Contracts (MECs). A policy is classified as a MEC if it fails to satisfy the 7-Pay Test of IRC section 7702A. The test is failed if the sum of premiums paid reduced by non-taxable withdrawals and other non-taxable distributions at any time in the first 7 years exceeds the sum of the annual 7-Pay premiums (the 7-Pay Limit). The annual 7-Pay Premium is the premium that would fund the policy under prescribed assumptions in the first 7 years. Certain policy changes will require adjustments to the 7-Pay Premiums and may require the test to be performed again. Pre-death distributions from a MEC, and those taken during the two years before a policy has become a MEC, are subject to less favorable (gain-first) income tax treatment than a non-MEC Life Insurance Contract and may also be subject to a 10% penalty tax. Your policy is in a gain position when the Policy Value is greater than the investment in the contract (cost basis). Unlike non-MEC tax treatment, loans from and assignments of a policy are also distributions from a MEC and are subject to gain-first taxation. We recommend you consult your tax advisor prior to taking any action on your policy that may cause it to become a MEC.

TAMRA testing has been performed on the assumed scale only and is dependent on the assumptions in that projection. It may not be applicable to the alternate projections shown. The initial annual 7-pay premium for this policy is \$985,787.00.

Based on our interpretation of TAMRA, this policy as illustrated would not be considered a Modified Endowment Contract (MEC). Whether and when your policy might become a MEC depends on the timing and amounts of premium payments, withdrawals you take, changes in the policy's non-guaranteed elements, your actual use of the policy's options, and any policy changes you make. For more information please select the TAMRA Optional Report.

#### **Payment or Accelerations of Death Benefits**

Subject to certain exceptions described in Employer-owned Life Insurance below, payments of the Death Benefit (including accelerations of the Death Benefit under a Long-Term Care or Terminal Illness Rider) are intended to be income tax free, regardless of whether or not your policy is classified as a MEC. With appropriate planning, Death Benefits may also be received estate tax free.

#### **Employer-owned Life Insurance**

If the owner of the policy is the employer of either of the life insured(s) Section 101(j) of the Internal Revenue Code specifies a number of requirements that must be satisfied in order for life insurance death benefits to be excluded from income taxation. The life insured(s) must be the employer's directors and "highly compensated" employees (as is defined by law). If the life insured is not a director or highly compensated employee, then the policy's death benefit must be paid out to the life insured (or to the life insured's designated beneficiary) or used to redeem an equity interest in the employer. **Before the issuance of the policy**, the insured must (1) be notified in writing that the employer/policy owner intends to insure the employee's life and the maximum face amount for which the employee could be insured; (2) give his/her written consent to being insured under the policy and agree that such coverage may continue after the life insured terminates employment; and (3) be informed in writing that the employer/policy owner will be a beneficiary of any proceeds payable upon the death of the life insured. Finally, the employer/policy owner is required to keep records and make an annual report concerning its employer-owned life insurance policies. Taxpayers should seek the counsel of qualified tax advisors to determine the applicability of IRC Section 101(j) or other provisions of federal tax law and/or compliance with the requirements of any such law or regulation.

#### **Other Considerations**

This illustration assumes that the currently illustrated non-guaranteed elements will continue unchanged for all years shown. This is not likely to occur, and the actual results may be more or less favorable. Future credits and deductions can vary at the company's discretion depending upon factors such as death claims, investment earnings and expenses, as well as policy owner actions such as timing and amount of premium payments, policy lapse and reinstatement, loans and withdrawals, and contractual charges.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Valuable Information About Your Life Insurance Illustration (cont'd) **Presented By: \*** 

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

#### **Important Disclosure**

No information provided by John Hancock to you or your financial professional in connection with this sale is intended as tax, legal or investment advice. This illustration and all other information and materials provided by John Hancock as part of this sale are not intended to be nor shall they be construed as providing impartial advice or recommendations in connection with this policy. John Hancock and its representatives will receive compensation derived from such sales or services.

Protection Survivorship Indexed Universal is issued by John Hancock Life Insurance Company (U.S.A.) of Boston, MA 02116. John Hancock Life Insurance Company (U.S.A.) consistently receives high financial credit ratings from independent rating agencies. For more information, please visit our website at www.JohnHancock.com.

For more than a century, John Hancock has offered security and high-quality products to its customers. The company's experience and resources allow it to provide first class financial solutions to customers in every market in which it operates.

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Basic Illustration Summary

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

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Illustration Assumptions Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze		nium: \$196 Option 1; (	itial Death Benefit \$15,000,000 Face Amount \$15,000,000 6,473.00 / Billing Mode: Annual Cash Value Accumulation Test State: Minnesota Gegment Growth Rate of 6.34%
	Coverage Summary		
	<b>C</b>	Initial	Initial
Coverage Description		Amount	Premium
Face Amount - Level for all years	\$15	,000,000	\$196,473.00
Healthy Engagement Rider			
	Policy Summary		
State	N	linnesota	
Death Benefit Option		1	From 1 Thru 66
Definition of Life Insurance		CVAT	
Payment Mode		Annual	
Charges		Current	
Assumed Segment Growth	Rate****		
Assumed Select Capped Inde		5.48%	From 1 Thru 66
	Year Indexed Segment Growth Rate†	6.34%	From 1 Thru 66
Assumed Barclays Global MA	Bonus Indexed Segment Growth Rate†	6.34%	From 1 Thru 66
Assumed Barclays Global MA	Classic Indexed Segment Growth Rate†	6.34%	From 1 Thru 66
Assumed Capped Indexed Se	egment Growth Rate†	5.04%	From 1 Thru 66
Assumed High Capped Index	ed Segment Growth Rate†	6.03%	From 1 Thru 66
Assumed High Par Capped Ir	dexed Segment Growth Rate†	4.81%	From 1 Thru 66
Assumed Fixed Account Rate		3.85%	From 1 Thru 10
(includes non-guaranteed	persistency bonus)	4.50%	From 11 Thru 66
Loan Interest Rate		4.50%	From 1 Thru 66
Initial 7-Pay Premium	\$98	5,787.00	
Target Premium	\$15	4,036.98	
Minimum Initial Premium	\$	3,199.79	
Death Benefit Protection Peri Based on Guaranteed		31 Years	
Assumed Status Insured 1		Bronze	
Assumed Status Insured 2		Bronze	
LifeTrack Billing Illustration Serial Number		Yes	
inustration Serial Number	301	16E5BE5	

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Basic Illustration Summary (cont'd)

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Initial Premium Allocation Table

	Initial emium ocation	Non-Guaranteed Initial Segment Growth Rate /Fixed Account Rate	****
Select Capped Indexed Account	0%	5.48%	
Base Capped Two Year Indexed Account	0%	6.34%	
Barclays Global MA Bonus Indexed Account	100%	6.34%	
Barclays Global MA Classic Indexed Account		6.34%	
Capped Indexed Account	0%	5.04%	
High Capped Indexed Account	0%	6.03%	
High Par Capped Indexed Account	0%	4.81%	
Fixed Account	0%	3.85%	
Interact Adjusted In	davas a	n Incured at E%	

#### Interest Adjusted Indexes on Insured at 5%

	Pay	ment	C	ost
	10 Year	20 Year	10 Year	20 Year
Guaranteed	13.10	8.12	8.52	6.86
Current	13.10	8.12	6.06	2.80
Non-guaranteed Element	0.00	0.00	2.46	4.06

#### Interest These Adjusted can be Indexes reflect

These indexes provide a means for evaluating the comparative cost of the policy under stated assumptions. They can be useful in comparing similar plans of insurance, a lower index being better than a higher one. These indexes reflect the time value of money. Indexes are approximate because they involve assumptions, including the rate of interest used.

\*\*\*\* Illustrated values for all non-guaranteed assumption illustrations reflect the application of the guaranteed Indexed Account Multiplier or Fixed Bonus Interest, where applicable, to the Segment Growth Rate and, as a result, such illustrated values will be greater than if the illustrated values only reflected the Segment Growth Rate. The guaranteed Indexed Account Multiplier for the Capped Indexed Account and the High Par Capped Indexed Account is 65%. The guaranteed Indexed Account Multiplier for High Capped Indexed Account is 38%. The guaranteed Indexed Account Multiplier for the Select Capped Indexed Account is 5%. The Base Capped Two Year Indexed Account, Barclays Global MA Bonus Indexed Account and Barclays Global MA Classic Indexed Account do not have an Indexed Account Multiplier. The Indexed Segment Interest Credit on the Segment Maturity Date is equal to the Adjusted Segment Crediting Balance, multiplied by (1 + the guaranteed Indexed Account Multiplier, where applicable) multiplied by the Segment Growth Rate. Illustrated values include any Indexed Segment Interest Credit.

The guaranteed Fixed Bonus annual rate for the Barclays Global MA Bonus Indexed Account is 0.65%. No other Indexed Accounts offer a Fixed Bonus. This rate is applied to Segment Balances in the Barclays Global MA Bonus Indexed Account monthly.

SUMMARY YEARS

Years Premium Paid in Cash

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy **Numeric Summary** 

#### Protection Survivorship Indexed UL Form: 22PSIUL

Initial Planned Premium: \$196,473.00 / Billing Mode: Annual

Midpoint Scale

Death Benefit Option 1; Cash Value Accumulation Test

10

Presented By: \*

State: Minnesota

10

Assumed Scale

Initial Death Benefit \$15,000,000

NON-GUARANTEED ASSUMPTIONS

Face Amount \$15,000,000

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

#### **GUARANTEED ASSUMPTIONS**

These policy benefits and values are based on the guaranteed interest of 0.00% and guaranteed charges. Based on your Planned Premium Outlay, the policy would remain in force until policy year 32, month 7\*.

#### NON-GUARANTEED ASSUMPTIONS

These policy benefits and values are based on non-guaranteed elements that are subject to change by the insurer. Actual results may be more or less favorable.

#### ASSUMED SCALE:

Policy benefits and values are based on the initial assumed Segment Growth Rate 6.34% and current charges. Based on Planned Premium Outlay, the policy would remain in force until younger insured age 121\*.

#### **MIDPOINT SCALE:**

Assumes the midpoint interest rate and charges which are halfway between assumed and guaranteed. Based on your Planned Premium Outlay, the policy would remain in force until policy year 32, month 7\*.

Premiums are assumed to be paid at the beginning of each modal period. Policy values, including surrender values and death benefits, are illustrated as of the end of the year, unless otherwise noted.

\* See Policy Continuation at Age 121 on "Valuable Information" page.

Representative's Address:

.

Summary Year 5 Net Surrender Value 132,091 189,113 251,485 Net Death Benefit 15,000,000 15,000,000 15,000,000 Summary Year 10 Net Surrender Value 908,135 1,125,967 1,394,473 Net Death Benefit 15,000,000 15,000,000 15,000,000 Summary Year 20 Net Surrender Value 658,202 1,475,460 2,770,268 Net Death Benefit 15,000,000 15,000,000 15,000,000 Summary Year 30 Net Surrender Value 0 609,298 5,090,679 15,000,000 Net Death Benefit 15,000,000 15,000,000

10

**GUARANTEED** 

ASSUMPTIONS

We recommend that you review additional illustrations using various assumed, hypothetical Rates of Return to understand how changes in the Index performance may affect the Policy Value and premium payment schedule.

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 representative has told me they are not guaranteed.

Applicant:		Date:	
	(Signature)		(mm/dd/yyyy)
Applicant:		Date:	
	(Signature)		(mm/dd/yyyy)
	Illustration has been presented to the ents illustrated are subject to change		

with the illustration.

(Signature)

(mm/dd/yyyy)

Date:

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#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Guaranteed and Nonguaranteed Values

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

**Illustration Assumptions** 

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota

					teed Assump , Maximum Cl		End of Year Non-Guaranteed Assumptions 6.34% Initial Assumed Rate, Current Charges			
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	IRR On Death Benefit	Policy Value	Net Surrender Value	Net Death Benefit	IRR On Death Benefit
1	56 56	196,473	92,324	0	15,000,000	7,534.64%	102,484	0	15,000,000	7,534.64%
2	57 57	196,473	181,890	0	15,000,000	725.19%	211,421	0	15,000,000	725.19%
3	58 58	196,473	268,884	0	15,000,000	286.14%	327,442	0	15,000,000	286.14%
4	59 59	196,473	353,463	31,272	15,000,000	163.76%	451,203	109,818	15,000,000	163.76%
5	60 60	196,473	435,771	132,091	15,000,000	110.19%	583,409	251,485	15,000,000	110.19%
6	61 61	196,473	515,922	291,596	15,000,000	81.00%	724,803	461,573	15,000,000	81.00%
7	62 62	196,473	593,998	452,298	15,000,000	62.94%	876,197	683,363	15,000,000	62.94%
8	63 63	196,473	670,040	608,713	15,000,000	50.78%	1,038,447	912,225	15,000,000	50.78%
9	64 64	196,473	744,037	760,680	15,000,000	42.10%	1,212,444	1,148,936	15,000,000	42.10%
10	65 65	196,473	815,962	908,135	15,000,000	35.62%	1,399,166	1,394,473	15,000,000	35.62%
Totals:		1,964,730								
11	66 66	0	794,108	905,015	15,000,000	30.90%	1,499,396	1,499,396	15,000,000	30.90%
12	67 67	0	770,673	895,252	15,000,000	27.20%	1,606,638	1,606,638	15,000,000	27.20%
13	68 68	0	745,211	883,156	15,000,000	24.25%	1,721,323	1,721,323	15,000,000	24.25%
14	69 69	0	717,207	868,156	15,000,000	21.84%	1,843,897	1,843,897	15,000,000	21.84%
15	70 70	0	686,017	849,553	15,000,000	19.85%	1,974,824	1,974,824	15,000,000	19.85%
16	71 71	0	650,761	826,429	15,000,000	18.17%	2,114,571	2,114,571	15,000,000	18.17%
17	72 72	0	610,262	797,561	15,000,000	16.75%	2,263,576	2,263,576	15,000,000	16.75%
18	73 73	0	562,952	761,321	15,000,000	15.52%	2,422,282	2,422,282	15,000,000	15.52%
19	74 74	0	506,906	715,703	15,000,000	14.46%	2,591,072	2,591,072	15,000,000	14.46%
20	75 75	0	439,724	658,202	15,000,000	13.53%	2,770,268	2,770,268	15,000,000	13.53%
Totals:		1,964,730								
21	76 76	0	358,472	585,762	15,000,000	12.71%	2,959,555	2,959,555	15,000,000	12.71%
22	77 77	0	259,651	494,727	15,000,000	11.98%	3,159,311	3,159,311	15,000,000	11.98%
23	78 78	0	138,669	380,303	15,000,000	11.33%	3,369,402	3,369,402	15,000,000	11.33%
24	79 79	0	0	236,313	15,000,000	10.74%	3,589,559	3,589,559	15,000,000	10.74%
25	80 80	0	0	54,196	15,000,000	10.22%	3,819,263	3,819,263	15,000,000	10.22%
26	81 81	0	0	0	15,000,000	9.74%	4,057,795	4,057,795	15,000,000	9.74%
27	82 82	0	0	0	15,000,000	9.30%	4,304,885	4,304,885	15,000,000	9.30%
28	83 83	0	0	0	15,000,000	8.90%	4,559,930	4,559,930	15,000,000	8.90%
29	84 84	0	0	0	15,000,000	8.53%	4,822,168	4,822,168	15,000,000	8.53%
30	85 85	0	0	0	15,000,000	8.19%	5,090,679	5,090,679	15,000,000	8.19%

Totals:

1,964,730

These policy benefits and values are based on non-guaranteed elements that are subject to change by the insurer. Actual results may be more or less favorable.

The IRR on death benefit is equivalent to an interest rate at which an amount equal to the illustrated premiums could have been invested outside the policy to arrive at the net death benefit of the policy.

## Indicates that the policy has lapsed under the illustrated assumption. Additional premium would be required to maintain policy benefits.

This is your Basic Illustration and is valid only if all illustration pages are included.

Version: 18.3.1 R[0-0-0-24592-2560-8192] - 332

Page 23 of 35

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Guaranteed and Nonguaranteed Values (cont'd)

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota

					teed Assumpti		End of Year Non-Guaranteed Assumptions 6.34% Initial Assumed Rate, Current Charges			
			0.00% Minimum Rate, Maximum Charges Net Net IRR On			0.34 /0 111	Net	Net	IRR On	
Policy Year	EOY Age	Planned Premium	Policy Value	Surrender Value	Death Benefit	Death Benefit	Policy Value	Surrender Value	Death Benefit	Death Benefit
31	86 86	0	0	0	15,000,000	7.88%	5,352,210	5,352,210	15,000,000	7.88%
32	87 87	0	##	##	##	##	5,613,075	5,613,075	15,000,000	7.59%
33	88 88	0					5,871,415	5,871,415	15,000,000	7.32%
34	89 89	0					6,125,262	6,125,262	15,000,000	7.06%
35	90 90	0					6,373,267	6,373,267	15,000,000	6.83%
36	91 91	0					6,615,132	6,615,132	15,000,000	6.61%
37	92 92	0					6,851,258	6,851,258	15,000,000	6.40%
38	93 93	0					7,083,535	7,083,535	15,000,000	6.21%
39	94 94	0					7,315,169	7,315,169	15,000,000	6.03%
40	95 95	0					7,552,458	7,552,458	15,000,000	5.85%
Totals:		1,964,730								
41	96 96	0					7,724,924	7,724,924	15,000,000	5.69%
42	97 97	0					7,887,549	7,887,549	15,000,000	5.54%
43	98 98	0					8,042,781	8,042,781	15,000,000	5.39%
44	99 99	0					8,181,565	8,181,565	15,000,000	5.25%
45	100 100	0					8,302,481	8,302,481	15,000,000	5.12%
46	101 101	0					8,405,323	8,405,323	15,000,000	5.00%
47	102 102	0					8,491,679	8,491,679	15,000,000	4.88%
48	103 103	0					8,562,528	8,562,528	15,000,000	4.76%
49	104 104	0					8,619,537	8,619,537	15,000,000	4.65%
50	105 105	0					8,664,872	8,664,872	15,000,000	4.55%
Totals:		1,964,730								
51	106 106	0					8,698,492	8,698,492	15,000,000	4.45%
52	107 107	0					8,728,207	8,728,207	15,000,000	4.36%
53	108 108	0					8,756,259	8,756,259	15,000,000	4.26%
54	109 109	0					8,788,278	8,788,278	15,000,000	4.18%
55	110 110	0					8,831,129	8,831,129	15,000,000	4.09%
56	111 111	0					8,937,734	8,937,734	15,000,000	4.01%
57	112 112	0					9,110,535	9,110,535	15,000,000	3.94%
58	113 113	0					9,415,309	9,415,309	15,000,000	3.86%
59	114 114	0					9,973,433	9,973,433	15,000,000	3.79%
60	115 115	0					10,694,326	10,694,326	15,000,000	3.72%

Totals:

1,964,730

These policy benefits and values are based on non-guaranteed elements that are subject to change by the insurer. Actual results may be more or less favorable.

The IRR on death benefit is equivalent to an interest rate at which an amount equal to the illustrated premiums could have been invested outside the policy to arrive at the net death benefit of the policy.

## Indicates that the policy has lapsed under the illustrated assumption. Additional premium would be required to maintain policy benefits.

This is your Basic Illustration and is valid only if all illustration pages are included.

Version: 18.3.1 R[0-0-0-24592-2560-8192] - 332

Page 24 of 35

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Guaranteed and Nonguaranteed Values (cont'd)

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota

			End of Year Guaranteed Assumptions 0.00% Minimum Rate, Maximum Charges			End of Year Non-Guaranteed Assumptions 6.34% Initial Assumed Rate, Current Charges				
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	IRR On Death Benefit	Policy Value	Net Surrender Value	Net Death Benefit	IRR On Death Benefit
61	116 116	0					11,467,339	11,467,339	15,000,000	3.65%
62	117 117	0					12,296,242	12,296,242	15,000,000	3.59%
63	118 118	0					13,185,074	13,185,074	15,000,000	3.53%
64	119 119	0					14,138,169	14,138,169	15,000,000	3.47%
65	120 120	0					15,160,172	15,160,172	15,160,172	3.43%
66	121 121	0					16,255,469	16,255,469	16,255,469	3.49%
67	122 122	0					17,322,066	17,322,066	17,322,066	3.54%
68	123 123	0					18,456,285	18,456,285	18,456,285	3.58%
69	124 124	0					19,662,413	19,662,413	19,662,413	3.63%
70	125 125	0					20,945,010	20,945,010	20,945,010	3.67%

Totals:

1,964,730

These policy benefits and values are based on non-guaranteed elements that are subject to change by the insurer. Actual results may be more or less favorable.

The IRR on death benefit is equivalent to an interest rate at which an amount equal to the illustrated premiums could have been invested outside the policy to arrive at the net death benefit of the policy.

## Indicates that the policy has lapsed under the illustrated assumption. Additional premium would be required to maintain policy benefits.

This is your Basic Illustration and is valid only if all illustration pages are included.

Version: 18.3.1 R[0-0-0-24592-2560-8192] - 332

Page 25 of 35

#### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Alternate Assumptions

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

**Illustration Assumptions** 

Valued Client

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota

			End of Year Guaranteed Assumptions 0.00% Minimum Rate, Maximum Charges			End of Year 3.85% Initial Ass	Alternate Assun umed Rate, Curr	
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	Policy Value	Net Surrender Value	Net Death Benefit
1	56 56	196,473	92,324	0	15,000,000	99,687	0	15,000,000
2	57 57	196,473	181,890	0	15,000,000	203,157	0	15,000,000
3	58 58	196,473	268,884	0	15,000,000	310,759	0	15,000,000
4	59 59	196,473	353,463	31,272	15,000,000	422,838	81,452	15,000,000
5	60 60	196,473	435,771	132,091	15,000,000	539,755	207,831	15,000,000
6	61 61	196,473	515,922	291,596	15,000,000	661,881	398,651	15,000,000
7	62 62	196,473	593,998	452,298	15,000,000	789,617	596,783	15,000,000
8	63 63	196,473	670,040	608,713	15,000,000	923,371	797,149	15,000,000
9	64 64	196,473	744,037	760,680	15,000,000	1,063,543	1,000,035	15,000,000
10	65 65	196,473	815,962	908,135	15,000,000	1,210,574	1,205,881	15,000,000
Totals:		1,964,730						
11	66 66	0	794,108	905,015	15,000,000	1,267,020	1,267,020	15,000,000
12	67 67	0	770,673	895,252	15,000,000	1,325,901	1,325,901	15,000,000
13	68 68	0	745,211	883,156	15,000,000	1,387,248	1,387,248	15,000,000
14	69 69	0	717,207	868,156	15,000,000	1,451,080	1,451,080	15,000,000
15	70 70	0	686,017	849,553	15,000,000	1,517,394	1,517,394	15,000,000
16	71 71	0	650,761	826,429	15,000,000	1,586,156	1,586,156	15,000,000
17	72 72	0	610,262	797,561	15,000,000	1,657,254	1,657,254	15,000,000
18	73 73	0	562,952	761,321	15,000,000	1,730,533	1,730,533	15,000,000
19	74 74	0	506,906	715,703	15,000,000	1,805,720	1,805,720	15,000,000
20	75 75	0	439,724	658,202	15,000,000	1,882,226	1,882,226	15,000,000
Totals:		1,964,730						
21	76 76	0	358,472	585,762	15,000,000	1,958,652	1,958,652	15,000,000
22	77 77	0	259,651	494,727	15,000,000	2,034,225	2,034,225	15,000,000
23	78 78	0	138,669	380,303	15,000,000	2,107,359	2,107,359	15,000,000
24	79 79	0	0	236,313	15,000,000	2,176,035	2,176,035	15,000,000
25	80 80	0	0	54,196	15,000,000	2,237,546	2,237,546	15,000,000
26	81 81	0	0	0	15,000,000	2,288,359	2,288,359	15,000,000
27	82 82	0	0	0	15,000,000	2,324,581	2,324,581	15,000,000
28	83 83	0	0	0	15,000,000	2,340,752	2,340,752	15,000,000
29	84 84	0	0	0	15,000,000	2,329,458	2,329,458	15,000,000
30	85 85	0	0	0	15,000,000	2,303,206	2,303,206	15,000,000

Totals:

1,964,730

## Indicates that the policy has lapsed under the illustrated assumption. Additional premium would be required to maintain policy benefits.

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## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Alternate Assumptions (cont'd)

## **Illustration Assumptions**

Valued Client

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

#### Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota

			End of Year Guaranteed Assumptions 0.00% Minimum Rate, Maximum Charges			End of Year Alternate Assumptions 3.85% Initial Assumed Rate, Current Charges		
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	Policy Value	Net Surrender Value	Net Death Benefit
31	86 86	0	0	0	15,000,000	2,239,069	2,239,069	15,000,000
32	87 87	0	##	##	##	2,126,516	2,126,516	15,000,000
33	88 88	0				1,951,192	1,951,192	15,000,000
34	89 89	0				1,694,073	1,694,073	15,000,000
35	90 90	0				1,330,602	1,330,602	15,000,000
36	91 91	0				828,707	828,707	15,000,000
37	92 92	0				145,602	145,602	15,000,000
38	93 93	0				0	0	15,000,000

Totals:

1,964,730

## Indicates that the policy has lapsed under the illustrated assumption. Additional premium would be required to maintain policy benefits.

### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Death Benefit Illustration

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

## **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

#### Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Policy Year	EOY Age	Planned Premium	Base Face Amount	Required Additional Death Benefit	Policy Value	Total Death Benefit	Net Death Benefit
1	56 56	196,473	15,000,000	0	102,484	15,000,000	15,000,000
2	57 57	196,473	15,000,000	0	211,421	15,000,000	15,000,000
3	58 58	196,473	15,000,000	0	327,442	15,000,000	15,000,000
4	59 59	196,473	15,000,000	0	451,203	15,000,000	15,000,000
5	60 60	196,473	15,000,000	0	583,409	15,000,000	15,000,000
6	61 61	196,473	15,000,000	0	724,803	15,000,000	15,000,000
7	62 62	196,473	15,000,000	0	876,197	15,000,000	15,000,000
8	63 63	196,473	15,000,000	0	1,038,447	15,000,000	15,000,000
9	64 64	196,473	15,000,000	0	1,212,444	15,000,000	15,000,000
10	65 65	196,473	15,000,000	0	1,399,166	15,000,000	15,000,000
Totals:		1,964,730					
11	66 66	0	15,000,000	0	1,499,396	15,000,000	15,000,000
12	67 67	0	15,000,000	0	1,606,638	15,000,000	15,000,000
13	68 68	0	15,000,000	0	1,721,323	15,000,000	15,000,000
14	69 69	0	15,000,000	0	1,843,897	15,000,000	15,000,000
15	70 70	0	15,000,000	0	1,974,824	15,000,000	15,000,000
16	71 71	0	15,000,000	0	2,114,571	15,000,000	15,000,000
17	72 72	0	15,000,000	0	2,263,576	15,000,000	15,000,000
18	73 73	0	15,000,000	0	2,422,282	15,000,000	15,000,000
19	74 74	0	15,000,000	0	2,591,072	15,000,000	15,000,000
20	75 75	0	15,000,000	0	2,770,268	15,000,000	15,000,000
Totals:		1,964,730					
21	76 76	0	15,000,000	0	2,959,555	15,000,000	15,000,000
22	77 77	0	15,000,000	0	3,159,311	15,000,000	15,000,000
23	78 78	0	15,000,000	0	3,369,402	15,000,000	15,000,000
24	79 79	0	15,000,000	0	3,589,559	15,000,000	15,000,000
25	80 80	0	15,000,000	0	3,819,263	15,000,000	15,000,000
26	81 81	0	15,000,000	0	4,057,795	15,000,000	15,000,000
27	82 82	0	15,000,000	0	4,304,885	15,000,000	15,000,000
28	83 83	0	15,000,000	0	4,559,930	15,000,000	15,000,000
29	84 84	0	15,000,000	0	4,822,168	15,000,000	15,000,000
30	85 85	0	15,000,000	0	5,090,679	15,000,000	15,000,000

Totals:

1,964,730

### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Death Benefit Illustration (cont'd)

#### Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: \*** 

## **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

#### Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Policy Year	EOY Age	Planned Premium	Base Face Amount	Required Additional Death Benefit	Policy Value	Total Death Benefit	Net Death Benefit
31	86 86	0	15,000,000	0	5,352,210	15,000,000	15,000,000
32	87 87	0	15,000,000	0	5,613,075	15,000,000	15,000,000
33	88 88	0	15,000,000	0	5,871,415	15,000,000	15,000,000
34	89 89	0	15,000,000	0	6,125,262	15,000,000	15,000,000
35	90 90	0	15,000,000	0	6,373,267	15,000,000	15,000,000
36	91 91	0	15,000,000	0	6,615,132	15,000,000	15,000,000
37	92 92	0	15,000,000	0	6,851,258	15,000,000	15,000,000
38	93 93	0	15,000,000	0	7,083,535	15,000,000	15,000,000
39	94 94	0	15,000,000	0	7,315,169	15,000,000	15,000,000
40	95 95	0	15,000,000	0	7,552,458	15,000,000	15,000,000
Totals:		1,964,730					
41	96 96	0	15,000,000	0	7,724,924	15,000,000	15,000,000
42	97 97	0	15,000,000	0	7,887,549	15,000,000	15,000,000
43	98 98	0	15,000,000	0	8,042,781	15,000,000	15,000,000
44	99 99	0	15,000,000	0	8,181,565	15,000,000	15,000,000
45	100 100	0	15,000,000	0	8,302,481	15,000,000	15,000,000
46	101 101	0	15,000,000	0	8,405,323	15,000,000	15,000,000
47	102 102	0	15,000,000	0	8,491,679	15,000,000	15,000,000
48	103 103	0	15,000,000	0	8,562,528	15,000,000	15,000,000
49	104 104	0	15,000,000	0	8,619,537	15,000,000	15,000,000
50	105 105	0	15,000,000	0	8,664,872	15,000,000	15,000,000
Totals:		1,964,730					
51	106 106	0	15,000,000	0	8,698,492	15,000,000	15,000,000
52	107 107	0	15,000,000	0	8,728,207	15,000,000	15,000,000
53	108 108	0	15,000,000	0	8,756,259	15,000,000	15,000,000
54	109 109	0	15,000,000	0	8,788,278	15,000,000	15,000,000
55	110 110	0	15,000,000	0	8,831,129	15,000,000	15,000,000
56	111 111	0	15,000,000	0	8,937,734	15,000,000	15,000,000
57	112 112	0	15,000,000	0	9,110,535	15,000,000	15,000,000
58	113 113	0	15,000,000	0	9,415,309	15,000,000	15,000,000
59	114 114	0	15,000,000	0	9,973,433	15,000,000	15,000,000
60	115 115	0	15,000,000	0	10,694,326	15,000,000	15,000,000

Totals:

1,964,730

### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Death Benefit Illustration (cont'd)

#### Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

## **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

#### Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

De Ben	Total Death Benefit	Policy Value	Required Additional Death Benefit	Base Face Amount	Planned Premium	EOY Age	Policy Year
15,000,	15,000,000	11,467,339	0	15,000,000	0	116 116	61
15,000,	15,000,000	12,296,242	0	15,000,000	0	117 117	62
15,000,	15,000,000	13,185,074	0	15,000,000	0	118 118	63
15,000,	15,000,000	14,138,169	0	15,000,000	0	119 119	64
15,160,	15,160,172	15,160,172	160,172	15,000,000	0	120 120	65
16,255,	16,255,469	16,255,469	1,255,469	15,000,000	0	121 121	66
17,322,	0	17,322,066	0	0	0	122 122	67
18,456,	0	18,456,285	0	0	0	123 123	68
19,662,	0	19,662,413	0	0	0	124 124	69
20,945,	0	20,945,010	0	0	0	125 125	70

Totals:

1,964,730

## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Adjustable Life Insurance Policy Understanding Potential Loan Costs

## Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: \*

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

#### Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Below are hypothetical examples of the net loan cost (and in some cases gain) associated with taking either a Standard Loan or an Index Loan. Example 1 assumes that the Standard Loan is fully secured by the Fixed Account, and uses a Fixed Loan Charge Rate of 2%. Examples 2 and 3 assume that the Index Loans are fully secured by the Capped Indexed Account which has a guaranteed Indexed Account Multiplier of 65%, and a hypothetical Loan Charge Rate of 5.5%. All three scenarios assume a \$100,000 Policy Value at the beginning of the loan period and annual loans of \$10,000 are taken at the beginning of the Policy Year. In order to isolate the impact of the loan option and assumed crediting rate, no policy charges are assumed.

#### Example 1 - Standard Loan

Assumed Crediting Rate Assumed Loan Account Crediting Rate		3.85% 2.00%			5		2.00% <b>0.00%</b>	
Policy Year	Annual Loan Requested	Annual Loan Amount	Loan Account Credited Amount	Loan Charged Amount	Cumulative Net Loan Cost	Net Cash Surrender Value		
11	(10,000)	10,000	200	200	-	93,665		
12	(10,000)	10,200	404	404	-	87,082		
13	(10,000)	10,404	612	612	-	80,243		
14	(10,000)	10,612	1,742	824	-	73,136		
20	(10,000)	11,951	2,190	2,190	-	24,274		

Under current assumptions, the rate of interest credited to the policy's Loan Account equals the rate of interest charged for the loan after Policy Year 10. Therefore, in this example the net cost of the Standard Loan is zero.

#### Example 2 - Index Loan – Assumed 2.0% Segment Growth Rate

Assumed Crediting Rate Assumed Loan Account Crediting Rate		2.00%Loan Rate ChargedN/ANet Loan Cost		5.50% <b>2.20%</b>		
Policy Year	Annual Loan Requested	Annual Loan Amount	Indexed Account Credited Amount	Loan Charged Amount	Cumulative Net Loan Cost	Net Cash Surrender Value
11	(10,000)	10,000	330	550	220	93,300
12	(10,000)	10,550	678	1,130	672	86,159
13	(10,000)	11,130	1,045	1,742	1,369	78,550
14	(10,000)	11,742	1,433	2,388	2,324	70,445
20	(10,000)	16,191	4,249	7,081	14,334	9,604

Under an Index Loan, when the rate of interest charged for that loan exceeds the Segment Growth Rate earned in the Indexed Account, the net cost of holding that loan can be substantial.

#### Example 3 - Index Loan Assumed 7.75% Segment Growth Rate

Assumed Crediting Rate Assumed Loan Account Crediting Rate		7.75%Loan Rate ChargedN/ANet Loan Gain		5		
Policy Year	Annual Loan Requested	Annual Loan Amount	Indexed Account Credited Amount	Loan Charged Amount	Cumulative Net Loan Cost	Net Cash Surrender Value
11	(10,000)	10,000	1,279	550	(729)	102,788
12	(10,000)	10,550	2,628	1,130	(2,226)	105,563
13	(10,000)	11,130	1,541	1,130	(611)	103,680
14	(10,000)	11,742	5,553	2,388	(7,699)	118,402
20	(10,000)	16,191	16,464	7,081	(47,481)	204,373

Under an Index Loan, when the Segment Growth Rate earned in the Indexed Account exceeds the rate charged for that loan, the result would be a net loan gain to the policy.

## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Glossary of Terms Presented By: \*

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

#### **Advance Contribution Charge**

An Advance Contribution Charge is assessed on each monthly processing date when the cumulative premiums paid exceed the Advance Contribution Limit times the current Policy Year. It is deducted for the first 10 Policy Years. The Advance Contribution Charge rates and Advance Contribution Limit are both shown in the policy contract.

### Asset Bonus

Beginning in Policy Year 11 and continuing beyond Age 121, we apply an Asset Bonus at the Asset Bonus Annual Rate to any balances in your Fixed Account, Indexed Account Holding Segments, and the Index Appreciation Account as described in your policy. The Asset Bonus Annual Rate is 0.24%.

### **Contract Charge**

The Contract Charge is a rate of \$17.30175 per \$1,000 of the Premium Charge Limit, and deducted each policy month. This charge varies by each insured's issue age, gender, risk classification, and the policy duration.

#### Cost of Insurance

Current insurance charges are based on Company experience. The current rates may change, but are guaranteed never to exceed the maximum rates. Maximum rates are no greater than the 2017 Loaded CSO Smoker Distinct Ultimate Age Nearest Birthday Mortality Table, adjusted for any applicable ratings.

### **Death Benefit Option**

Death Benefit Option 1 provides a level amount of coverage. It will increase only when necessary to maintain the definition of life insurance. Death Benefit Option 2 provides coverage equal to the Face Amount plus the Policy Value plus any amount necessary to maintain the definition of life insurance.

### **Face Amount**

The Face Amount is the coverage provided by the base policy. Any decreases to the Face Amount must fall within policy minimums, and are only allowed after the first Policy Year.

#### **Fixed Bonus Interest**

The Fixed Bonus is a rate applied to Segment Balances in the Barclays Global MA Bonus Indexed Account. This rate is guaranteed at 0.65% and will be applied no less frequently than annually.

#### **Guaranteed Indexed Account Multiplier**

The Guaranteed Indexed Account Multiplier is a rate applied to the Index Segment Interest Credit at the end of the segment. This rate increases the interest earned in each Indexed Account segment. The Guaranteed Indexed Account Multiplier varies by Indexed Account.

#### **Index Change**

The Index Change is the difference in the index from the beginning to the end of a Segment.

#### **Indexed Performance Charge**

The Indexed Performance Charge is equal to 0.165% multiplied by the Policy Value in the Index Appreciation Account excluding the Select Capped, Base Capped Two Year, Barclays Global MA Bonus, and Barclays Global MA Classic Indexed Accounts. The charge is deducted monthly on a pro-rata basis from the Indexed Accounts.

### Net Death Benefit

## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Glossary of Terms (cont'd) Presented By: \*

### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

The Death Benefit illustrated is the Face Amount plus any Required Additional Death Benefit. This is the value that is payable upon the death of the surviving insured as stated on the front page of the policy. The actual amount payable may be decreased by loans or increased by additional insurance benefits. Death Benefits are illustrated as of the end of the year. Net Death Benefit reflects the total loan plus any loan interest due.

### Net Income

Net Income reflects any illustrated withdrawal, policy loan and/or loan interest due.

### Net Surrender Value

The Net Surrender Value is the Policy Value less Surrender Charge(s), and is illustrated as of end of the year. This amount is shown net of withdrawals and total loans plus loan interest due. During the Surrender Charge period, there is a Surrender Charge assessed if all or part of the Face Amount is reduced. If the policy terminates for any reason, the amount of any outstanding loan (that was not previously considered income) could result in a considerable tax. Under certain situations involving large amounts of outstanding loans, you might find yourself having to choose between high premium requirements to keep your policy from lapsing and a significant tax burden if you allow the lapse to occur. Please consult your tax advisor for further information.

## **Participation Rate**

The Participation Rate is the percentage of the Index Change (change in the value of the Index over the Segment Term) that will be recognized in the calculation of the Segment Growth Rate.

## **Planned Premium Outlay**

The Planned Premium Outlay is the amount which the policyholder plans to pay. This illustration assumes that Planned Premiums are paid at the beginning of each modal period indicated. Additional premiums may be paid while the policy is In Force, subject to our minimum and maximum limits.

### **Policy Value**

The Policy Value is the sum of all amounts held in the policy including the Fixed Account, the Index Appreciation Account, and any value in the Loan Account. When premiums are paid, the balance, after a premium charge is deducted, is allocated between the Fixed Account and the Index Appreciation Account, per your instructions. The Fixed Account is credited daily with a guaranteed interest rate of 1.00% or the current rate, whichever is greater. Segments in the Index Appreciation Account may earn an Index Segment Interest Credit at each Segment Maturity Date, subject to a guaranteed Segment Floor Rate of 0%. Also, once each month, Cost of Insurance and any other charges are deducted proportionately from both the Fixed Account and the Index Appreciation Account.

**Cumulative Guarantee**. Protection Survivorship Indexed UL policies also include a Cumulative Guarantee used for purposes of calculating Minimum Death Benefit, Insurance Benefit and the Cash Surrender Value. The Policy Value used for these purposes (only) is the greater of the Policy Value described above and the Cumulative Guaranteed Policy Value which is determined in the same manner as the Policy Value except that:

- Net Premiums accumulate at interest in the manner applicable to amounts accumulated in the Fixed Account;
- Monthly Deductions and withdrawals, including any applicable charges, are made from the amount accumulated as described above, in the manner applicable to the Fixed Account;

• The Indexed Performance Charge, if applicable, that is deducted will be determined by multiplying the Indexed Performance Charge deducted from the Policy Value in that month by the ratio of the Cumulative Guarantee Policy Value in that Month immediately before the Monthly Deduction, divided by the Policy Value in that month immediately before the Monthly Deduction;

## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Glossary of Terms (cont'd) Presented By: \*

#### Illustration Assumptions

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

• A 2% Cumulative Guaranteed Interest Rate is used to credit this amount.

The Cumulative Guarantee does not increase the amount available for withdrawals or policy loans, and does not affect the amount available for transfers or allocations.

## Policy Value Credit

An additional credit provided to the Policy Value on a monthly basis. The amount of the Policy Value Credit varies based on the insureds age, gender, Risk Class, Policy Value, and Face Amount.

## Premium Charge

A Premium Charge of 35.0% is deducted from each premium in years 1-10. In years 11+, the charge is 32.0%.

### Premium Charge Limit

The policy's Premium Charge Limit is \$154,036.98. This value is used in the calculation of the Contract Charge.

### **Risk Class**

Classifications represent groups of people with similar risk characteristics and help to determine the Cost of Insurance. Final risk classification for a proposed insured is determined upon completion of the underwriting process, and may vary from what is shown on this illustration. If so, you will receive a Revised Basic Illustration prior to or upon delivery of your insurance contract.

### Segment Cap Rate

The Segment Cap Rate limits the rate used in calculating the Index Segment Interest Credit. The Segment Cap Rate varies by Indexed Account.

## Segment Floor Rate

The Segment Floor Rate is the minimum rate used in calculating the Index Segment Interest Credit for a segment. The guaranteed Segment Floor Rate for each Indexed Account is 0.00%.

## Segment Term

The Segment Term is the duration from the date the Segment initiates to the date it matures. All indexed accounts except the Base Capped Two Year Indexed Account have a one year Segment Term. The Base Capped Two Year Indexed Account has a two year Segment Term.

### **Index Disclosure**

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## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Glossary of Terms (cont'd) Presented By: \*

#### **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

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## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Input Summary ~~ Agent Use Only ~~ Presented By: \*

Illustration AssumptionsValued ClientMale - 55 - Preferred NonSmokerInitial Assumed Status: BronzeMrs Valued ClientFemale - 55 - Preferred NonSmokerInitial Assumed Status: Bronze	Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota
Product & Concept	
Concept	Private Finance
Approved in	Minnesota
Product Type	Universal Life Survivorship
Product	Protection SIUL 22
Concept Design	
Private Finance Loan Option	Solve
Target Year for Side Fund Amount Solve	10
Loan Years	1
Loan Interest Rate	4.27%
Gifting Option	None
ILIT Side Fund Growth Rate	7%
Loan Repayment Option	ILIT Side Fund
Loan Repayment Start Year	10
Years to Repay Loan	1
Lender Name	Grantor
Summary Year	Life Expectancy
Policy Design	
Insured Name	Valued Client
Sex	Male
Issue Age / Birthdate	55
State	Minnesota
Risk Class	Preferred NonSmoker
Vitality PLUS Rider	Yes
Assumed Vitality PLUS Status	Bronze
Total Face Amount	15,000,000 Option 1
Death Benefit Option Premium	Option 1 Schedule
Solve 1	10
Premium Duration	10
LifeTrack Billing	Yes
Premium Mode	Annual
Target Cash Value	Endow
Target Year	Lifetime
Agent Name	*
Insured 2 Insured Name	Mrs Valued Client
Insured 2 Sex	Female
Insured 2 Issue Age / Birthdate	55 od to test and verify all products for compliance with the NAIC Life Insurance Illustration

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## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Input Summary ~~ Agent Use Only ~~ (cont'd) Presented By: \*

Illustration AssumptionsValued ClientMale - 55 - Preferred NonSmokerInitial Assumed Status: BronzeMrs Valued ClientFemale - 55 - Preferred NonSmokerInitial Assumed Status: Bronze	Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota
Insured 2 Risk Class	Preferred NonSmoker
Insured 2 Assumed Vitality PLUS Status	Bronze
Policy Allocation	
Allocation Option	Custom Allocation and Rate
Select Capped Rate	5.48%
Base Capped Two Year Rate	6.34%
Barclays Global MA Bonus Rate	6.34%
Barclays Global MA Classic Rate	6.34%
Capped Rate	5.04%
High Capped Rate	6.03%
High Par Capped Rate	4.81%
Fixed Rate	Current
Allocation Select Capped Rate	0%
Allocation Base Capped Two Year Rate	0%
Allocation Barclays Global MA Bonus Rate	100%
Allocation Barclays Global MA Classic Rate	0%
Allocation Capped Rate	0%
Allocation High Capped Rate	0%
Allocation High Par Capped Rate	0%
Fixed Rate Allocation	0%
Policy Options	
Estimated Policy Issue Date	Today + 1 Month
Charges	Current
Lump Sum Month Year 1	1
Lump Sum Month Years 2+	1
MEC Testing	Allow MEC
Target Cash Value	Endow
Target Year	Lifetime
Withdrawal Cap	Basis
Loan Cap	None
Loan Type	Standard Loan
Loan Interest Payment Type	Borrow
Variable Loan Interest Rate	4.50%
Optional Reports	
Optional Presentations	Private Finance
Summary Year	20
John Hancock used the fully allocated expense met	hod to test and verify all products for compliance with the NAIC Life Insurance Illustration

John Hancock used the fully allocated expense method to test and verify all products for compliance with the NAIC Life Insurance Illustration Model Regulation.

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## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Survivorship Universal Life Insurance Policy Protection Survivorship Indexed UL Form: 22PSIUL Input Summary ~~ Agent Use Only ~~ (cont'd) **Presented By: \*** 

## **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze Mrs Valued Client Female - 55 - Preferred NonSmoker Initial Assumed Status: Bronze		Initial Death Benefit \$15,000,000 Face Amount \$15,000,000 Initial Planned Premium: \$196,473.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test State: Minnesota
Optional Reports	Yes	

**Optional Reports** 

Input Summary

Yes

John Hancock used the fully allocated expense method to test and verify all products for compliance with the NAIC Life Insurance Illustration Model Regulation.



Life New Business 410 University Ave, Suite 55765, Westwood, MA 02090

## LifeTrack Election Form

(hereinafter referred to as "John Hancock" or "The Company")

Complete this form to participate in LifeTrack. Print and use black ink. Any changes must be initialed by the Owner(s).

## **PROPOSED LIFE INSURED No. 1**

1. Name						
	First	Middle	Last			
PROPOSED	LIFE INSURED No. 2					
2. Name						
	First	Middle	Last			
<b>OWNER(S)</b> - Complete information only if Owner(s) is other than Proposed Life Insured(s).						

## 3. Name of Owner(s)

## About LifeTrack

LifeTrack is an optional billing service from John Hancock that helps keep you on track with your stated insurance coverage objectives by automatically adjusting the LifeTrack Premium each year based on actual policy experience.

The LifeTrack Premium calculation is based on the policy objectives listed on page 2 of this form, actual Policy Value, timing and the amount of premiums paid, and updated assumptions for the policy's nonguaranteed elements, such as the assumed crediting rate, future premium allocation schedule and charges. If the policy is issued with the Healthy Engagement Rider, then the Life Insureds' Statuses will also be used in the LifeTrack Premium calculation.

### Changing or Terminating LifeTrack

You may change your LifeTrack policy objectives at any time by contacting our Service Office at and obtaining an in-force illustration that reflects your new objectives. LifeTrack will use your new policy objectives in computing your LifeTrack Premium for each year following The Company's receipt of your new LifeTrack election form. You can change your policy objectives, or terminate LifeTrack, by contacting your financial representative or our Service Office.

LifeTrack billing will terminate if you take a policy withdrawal or loan, or if the policy lapses. If LifeTrack terminates, you must notify us of your desired billed premium. If you do not, your future billed premiums will equal the most recent LifeTrack Premium.

# LifeTrack Policy Objectives & Illustrated Assumptions

Your LifeTrack Premium will be calculated each year based on the following policy objectives and illustrated assumptions:

Product:		
Pay premium for:		
Targeting a cash value of:		
For a Death Benefit of:		
Base Indexed Accounts		
Assumed Select Capped Rate:		
Assumed Base Capped Two Year Indexed Rate:		
Barclays Indexed Accounts		
Assumed Barclays Global MA Bonus Rate:		
Assumed Barclays Global MA Classic Rate:		
Core Indexed Accounts		
Assumed Capped Rate:		
Assumed High Capped Rate:		
Assumed High Par Capped Rate		
Fixed Account		
Assumed Fixed Rate:		
Assumed Charges:		
Healthy Engagement Rider Status of the Life Insured I	No. 1:	
Healthy Engagement Rider Status of the Life Insured I	No. 2:	

## **OWNER(S) ACKNOWLEDGEMENT AND AUTHORIZATION**

I acknowledge that:

- A. i. I read the disclosure in the accompanying illustration for information about the flexibility of my policy and about how nonguaranteed elements and the amount of and timing of premium payments impact the performance of my policy and the duration of the
  - ii. Paying a LifeTrack Premium that is other than the planned premium in my initial "as sold" illustration could reduce the duration of my policy's
  - iii. LifeTrack takes into account the changes in the nonguaranteed elements and calculates a premium that is intended to help me achieve my objectives for the policy.
  - iv. While the accompanying illustration assumes the nonguaranteed elements do not change, it is likely that they will change and therefore the LifeTrack premium will likely be different from the planned premium shown in the illustration.
  - v. Changes in the nonguaranteed elements of my policy may affect the amount of my insurance benefits, the duration of my insurance coverage, and my policy value. The policy value may reduce to zero. If the net cash surrender value is insufficient to pay the charges when due, and the is no longer in effect, my policy will lapse and terminate unless more premiums are paid. At such time, I will have no insurance coverage.
  - vi. LifeTrack will terminate if I take a loan or withdrawal from my policy, or if my policy lapses.
- B. If I completed a request for Pre-Authorized Payment Plan, I hereby authorize and request The Company to update the pre-authorized amount to be withdrawn to equal the LifeTrack Premium.

### **OWNER(S) SIGNATURES**

#### Х

Signature of Owner

(Provide title or corporate seal, if signing officer)

#### Х

Print name of Owner

#### Χ

Signature of Owner (Provide title or corporate seal, if signing officer)

Х

Print name of Owner

### AGENT/REGISTERED REPRESENTATIVE SIGNATURE

I certify that I have reviewed with the Owner the objectives for the policy.

#### Х

Signature of Agent/Registered Representative

Signed this date