

# JH Solutions® Private Split Dollar Non-equity collateral assignment

# Prepared for

Valued Client and Valued Client

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# Presented by

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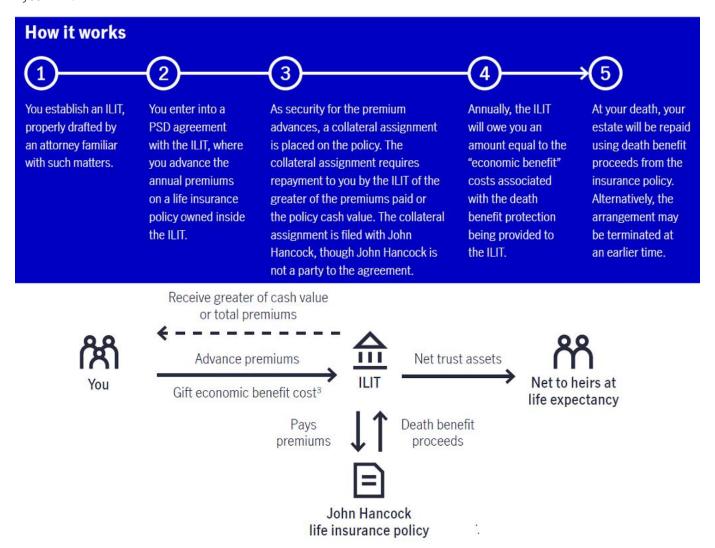
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Life insurance owned inside of an irrevocable life insurance trust (ILIT)<sup>1</sup> is often a very effective part of an estate planning strategy. The death benefit, which is received income and estate tax free by the ILIT,<sup>2</sup> provides liquidity that can be used to help pay taxes and help facilitate other goals. In order to fund the premiums, gifts are typically made to the ILIT. However, when gift exemptions have been exhausted, are earmarked for other planning needs, or if desire increased flexibility, private split dollar may be a viable alternative to funding your ILIT.

Private Split Dollar (PSD) provides your ILIT with the funds to pay insurance premiums via a split dollar agreement and allows for you to enter into an agreement where the costs of a life insurance policy are shared or "split" between you and your ILIT. The PSD operates much like a loan. In this regard, you provide the ILIT the cash necessary to acquire and pay the ongoing premiums for a life insurance policy, and in return, you receive a right to repayment from the ILIT, which is based on the greater of premiums paid or cash value.



- 1.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.

  2. 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.
- 3. Provided that the amount of the gift is covered by the insured's annual gift tax exclusions, there will be no gift tax due. An annual exclusion gift is the annual gift amount that each individual can make to an unlimited number of people without federal gift tax. In 2022, this amount is \$16,000 per individual per year (indexed annually for inflation and subject to certain rules). See IRC §2503 (b) for the rules regarding annual exclusion treatment of gifts.

# What is "economic benefit" and how is this cost calculated?

In a Private Split Dollar plan, the cost to the ILIT for borrowing the annual premium is referred to as the "economic benefit" cost. In order to preserve the income tax-free nature of the life insurance death benefit, this economic benefit cost must be paid annually. The economic benefit cost represents a "rental charge" for the ILIT's portion of the death benefit (i.e., the death benefit minus the amount payable under the collateral assignment).

There are two ways in which this economic benefit cost is paid annually by the ILIT:

- 1. The ILIT pays the economic benefit cost from current trust assets; or
- 2. You are deemed to have made a gift to the ILIT equal to the economic benefit.

Economic benefit costs are based on your age, and are generally calculated by multiplying the portion of the death benefit and applying an economic benefit rate found in IRS Table 2001 or the carrier's alternative term rates. <sup>4</sup> The economic benefit rates associated With a survivorship policy can be significantly lower than the rates For a Single-life policy, making a split dollar plan With a survivorship policy a cost-efficient planning strategy. However, when a survivorship policy Is used, the economic benefit cost may increase significantly at the death of the first spouse which requires careful consideration of the plan rollout options.

# **Benefits of Private Split Dollar**

- You can secure the amount of life insurance you need for your estate planning, including providing liquidity and estate equalization, as well as protecting your legacy.
- Gift tax costs are reduced because the taxable gift amount is limited to the economic benefit cost, which is significantly ower than the premium amount.

- Economic benefit costs are often less than loan interest offered under alternate financing techniques, particularly for survivorship policies.
- Life insurance cash values generally grow tax deferred and life insurance death benefits in an ILIT will be paid out tax free and excluded from your taxable estate.
- Can provide flexibility to determine an appropriate rollout option or timing to repay the assignment.

# Important considerations

- You must have available cash flow for the premium payments to the ILIT.
- The economic benefit cost owed to you each year will increase over time, thereby potentially increasing the annual gift tax amount. It may be necessary to consider how the trust will repay the collateral assignment during your life.
- Although the estate will be reduced by the amount of any gifts made to the ILIT, the repayment of premiums or cash value owed under the PSD plan is includable in your taxable estate and subject to estate taxes.
- 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 value 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 actual amount of insurance you qualify for may differ from the illustrated values.
- The structure of the ILIT (e.g., grantor/non-grantor) 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 PSD plan are not reflected in this illustration. Please consult competent tax counsel to discuss the implications of specific trust designs.

<sup>4.</sup> The insurer's one-year term rates may be used only if (i) they are available to all standard risks, (ii) the insurer generally makes the availability of such rates known to persons who apply for term insurance coverage from the insurer, and (iii) the insurer regularly sells term insurance at such rates to individuals who apply for term insurance coverage through the insurer's normal distribution channels. While John Hancock strives to meet all these requirements, due to the nature of the product, we do not sell many policies. Consequently, we cannot say whether our one-year term product satisfies the regularly sold requirement. You should consult with your tax advisor to determine which rate to use in calculating economic benefit.

# Options for plan termination or rollout

Preparing for the PSD plan termination or "rollout" is critical. A PSD plan can be terminated either at death or at a specified date. It is important to consider the different ways to terminate the plan based on potential increases in costs along with gift and estate tax implications.

# **Private Split Dollar Rollout:**

- **Death proceeds** if there is no plan for termination, the PSD plan remains in place until death and is repaid using the death benefit. This may become problematic as you age. In addition, the amount to be repaid remains part of your estate and is subject to estate taxes.
- Trust assets The PSD plan may be terminated by having the ILIT repay what is owed: the greater of the cumulative premiums paid or the cash value. The ILIT has the option to use the policy's cash value, if available, or a side fund if there are existing funds in the ILIT. A gift may be required to cover any shortfall amount needed.
- Other rollout options Other sources of funds such as a Grantor Retained Annuity Trust (GRAT), Charitable Lead Trust (CLT) or a Credit Shelter Trust (CST) may be used to repay the collateral assignment in a PSD plan. When anticipating the use of such a trust, the term of the PSD plan is typically coordinated with the term of the trust so that the funds become available at the time the PSD plan repayment amount is due.
- Forgiveness (i.e. a gift) You can choose to forgive the amount owed to you under the collateral assignment.

  Forgiveness of the debt is a taxable gift and may have gift tax consequences to the extent the amount exceeds your annual exclusions and available lifetime exemptions.<sup>5</sup>

## Switch Dollar:

- Switching to a loan arrangement: Because economic benefit costs increase with age, there may be a cross-over point where it is more economical to switch from an economic benefit PSD plan to a traditional loan with interest charged on a promissory note at or above the Applicable Federal Rate (AFR).
- The switch to a loan arrangement typically occurs when the economic benefit cost becomes too great (generally at older ages, or for survivorship policies at the death of the first spouse), or if the policy cash value is about to exceed the premiums paid.
- When the switch to a loan occurs, the collateral assignment is terminated and a promissory note is established with an initial loan balance equal to the outstanding repayment obligation on the PSD plan (i.e., the greater of premiums paid or cash value). Any additional premiums paid will also be considered a loan.
- Upon future termination, the loans will be repaid from the death benefit or if terminated during life, using other trust assets or policy cash value. Debt forgiveness is also an option (i.e. making a gift).

The switch allows the client to potentially minimize income/gift taxes while keeping the split dollar plan in place.

<sup>5.</sup> The economic benefit must continue to be paid annually for as long as the split dollar plan is in place.

# Planning options summary page

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

# Assumptions/policy details

Insured: Valued Client, Male, age 55, Preferred NonSmoker, Vitality Status

Bronze

Insured2: Valued Client, Female, age 51, Preferred NonSmoker, Vitality Status

Bronze

Life expectancy assumed: Valued Client - 31 years, Valued Client - 37 years,

Joint life - 40 years

**Product:** Protection SIUL 22 /Initial death benefit: \$10,000,000

Initial premium: \$112,101

**Options selected** 

Economic benefit rate table: Table 2001-Alt Term @1st Death

Repayment during lifetime: Yes

Repayment year: 15

Gifting option: None

ILIT side fund growth rate: 0%

Existing ILIT balance: \$0

**Summary year:** Life Expectancy

Summary Year 40

PSD amount owed to Grantor: \$0

PSD amount repaid \$1,121,010

Total economic benefit cost: \$7,641

Total premium paid: \$1,121,010

Cumulative gifts: \$1,128,651

ILIT side fund: \$0

Life insurance death benefit: \$10,000,000

Net to heirs: \$10,000,000

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.

# **Grantor details**

Year	Age (EOY)	BOY premium	Cumulative split dollar premium	BOY annual gifts to ILIT	Economic benefit rate	Economic benefit cost	Net outlay	Net cash value	Net death benefit
1	56-52	112,101	112,101	106	0.01072	106	112,101	0	112,101
2	57-53	112,101	224,202	132	0.01348	132	112,101	0	224,202
3	58-54	112,101	336,303	165	0.01706	165	112,101	0	336,303
4	59-55	112,101	448,404	202	0.02118	202	112,101	58,887	448,404
5	60-56	112,101	560,505	243	0.02578	243	112,101	145,927	560,505
6	61-57	112,101	672,606	291	0.03123	291	112,101	276,776	672,606
7	62-58	112,101	784,707	349	0.03790	349	112,101	415,102	784,707
8	63-59	112,101	896,808	420	0.04618	420	112,101	557,867	896,808
9	64-60	112,101	1,008,909	507	0.05640	507	112,101	705,553	1,008,909
10	65-61	112,101	1,121,010	617	0.06946	617	112,101	858,735	1,121,010
11	66-62	0	1,121,010	770	0.08672	770	0	909,320	1,121,010
12	67-63	0	1,121,010	979	0.11023	979	0	960,178	1,121,010
13	68-64	0	1,121,010	1,256	0.14147	1,256	0	1,014,562	1,121,010
14	69-65	0	1,121,010	1,603	0.18054	1,603	0	1,072,694	1,121,010
		Split Do	ollar arrangem	ent terminated	I. Grantor repa	aid from Insura	nce Trust side	fund	
15	70-66	0	-1,121,010	1,121,010	0.00000	0	0	0	0
16	71-67	0	0	0	0.00000	0	0	0	0
17	72-68	0	0	0	0.00000	0	0	0	0
18	73-69	0	0	0	0.00000	0	0	0	0
19	74-70	0	0	0	0.00000	0	0	0	0
20	75-71	0	0	0	0.00000	0	0	0	0
21	76-72	0	0	0	0.00000	0	0	0	0
22	77-73	0	0	0	0.00000	0	0	0	0
23	78-74	0	0	0	0.00000	0	0	0	0
24	79-75	0	0	0	0.00000	0	0	0	0
25	80-76	0	0	0	0.00000	0	0	0	0
26	81-77	0	0	0	0.00000	0	0	0	0
27	82-78	0	0	0	0.00000	0	0	0	0
28	83-79	0	0	0	0.00000	0	0	0	0
29	84-80	0	0	0	0.00000	0	0	0	0
30	85-81	0	0	0	0.00000	0	0	0	0
31	86-82	0	0	0	0.00000	0	0	0	0
32	83	0	0	0	0.00000	0	0	0	0
33	84	0	0	0	0.00000	0	0	0	0
34	85	0	0	0	0.00000	0	0	0	0
35	86	0	0	0	0.00000	0	0	0	0
36	87	0	0	0	0.00000	0	0	0	0

Year	Age (EOY)	BOY premium	Cumulative split dollar premium	BOY annual gifts to ILIT	Economic benefit rate	Economic benefit cost	Net outlay	Net cash value	Net death benefit
37	88	0	0	0	0.00000	0	0	0	0
38	89	0	0	0	0.00000	0	0	0	0
39	90	0	0	0	0.00000	0	0	0	0
40	91	0	0	0	0.00000	0	0	0	0
41	92	0	0	0	0.00000	0	0	0	0
42	93	0	0	0	0.00000	0	0	0	0
43	94	0	0	0	0.00000	0	0	0	0
44	95	0	0	0	0.00000	0	0	0	0
45	96	0	0	0	0.00000	0	0	0	0
46	97	0	0	0	0.00000	0	0	0	0
47	98	0	0	0	0.00000	0	0	0	0
48	99	0	0	0	0.00000	0	0	0	0
49	100	0	0	0	0.00000	0	0	0	0
50	101	0	0	0	0.00000	0	0	0	0
51	102	0	0	0	0.00000	0	0	0	0
52	103	0	0	0	0.00000	0	0	0	0
53	104	0	0	0	0.00000	0	0	0	0
54	105	0	0	0	0.00000	0	0	0	0
55	106	0	0	0	0.00000	0	0	0	0
56	107	0	0	0	0.00000	0	0	0	0
57	108	0	0	0	0.00000	0	0	0	0
58	109	0	0	0	0.00000	0	0	0	0
59	110	0	0	0	0.00000	0	0	0	0
60	111	0	0	0	0.00000	0	0	0	0
61	112	0	0	0	0.00000	0	0	0	0
62	113	0	0	0	0.00000	0	0	0	0
63	114	0	0	0	0.00000	0	0	0	0
64	115	0	0	0	0.00000	0	0	0	0
65	116	0	0	0	0.00000	0	0	0	0
66	117	0	0	0	0.00000	0	0	0	0
	Total	\$1,121,010		\$1,128,651		\$7,641	\$1,121,010		

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# **ILIT and Insurance Values**

Year	Age (EOY)	Split dollar amount owed to grantor	BOY annual gifts to ILIT	Economic benefit rate	Economic benefit cost	ILIT side fund @0%	Net cash value	Net death benefit	Net to heirs from trust
1	56-52	112,101	106	0.01072	106	0	0	9,887,899	9,887,899
2	57-53	224,202	132	0.01348	132	0	0	9,775,798	9,775,798
3	58-54	336,303	165	0.01706	165	0	0	9,663,697	9,663,697
4	59-55	448,404	202	0.02118	202	0	0	9,551,596	9,551,596
5	60-56	560,505	243	0.02578	243	0	0	9,439,495	9,439,495
6	61-57	672,606	291	0.03123	291	0	0	9,327,394	9,327,394
7	62-58	784,707	349	0.03790	349	0	0	9,215,293	9,215,293
8	63-59	896,808	420	0.04618	420	0	0	9,103,192	9,103,192
9	64-60	1,008,909	507	0.05640	507	0	0	8,991,091	8,991,091
10	65-61	1,121,010	617	0.06946	617	0	0	8,878,990	8,878,990
11	66-62	1,121,010	770	0.08672	770	0	0	8,878,990	8,878,990
12	67-63	1,121,010	979	0.11023	979	0	0	8,878,990	8,878,990
13	68-64	1,121,010	1,256	0.14147	1,256	0	0	8,878,990	8,878,990
14	69-65	1,121,010	1,603	0.18054	1,603	0	0	8,878,990	8,878,990
		Split Do	ollar arrangem	ent terminated	d. Grantor rep	aid from Insura	nce Trust sid	e fund	
15	70-66	-1,121,010	1,121,010	0.00000	0	0	1,148,999	10,000,000	10,000,000
16	71-67	0	0	0.00000	0	0	1,230,525	10,000,000	10,000,000
17	72-68	0	0	0.00000	0	0	1,317,561	10,000,000	10,000,000
18	73-69	0	0	0.00000	0	0	1,410,414	10,000,000	10,000,000
19	74-70	0	0	0.00000	0	0	1,509,368	10,000,000	10,000,000
20	75-71	0	0	0.00000	0	0	1,614,679	10,000,000	10,000,000
21	76-72	0	0	0.00000	0	0	1,726,329	10,000,000	10,000,000
22	77-73	0	0	0.00000	0	0	1,844,612	10,000,000	10,000,000
23	78-74	0	0	0.00000	0	0	1,969,613	10,000,000	10,000,000
24	79-75	0	0	0.00000	0	0	2,101,334	10,000,000	10,000,000
25	80-76	0	0	0.00000	0	0	2,239,687	10,000,000	10,000,000
26	81-77	0	0	0.00000	0	0	2,384,457	10,000,000	10,000,000
27	82-78	0	0	0.00000	0	0	2,535,660	10,000,000	10,000,000
28	83-79	0	0	0.00000	0	0	2,693,030	10,000,000	10,000,000
29	84-80	0	0	0.00000	0	0	2,856,174	10,000,000	10,000,000
30	85-81	0	0	0.00000	0	0	3,024,616	10,000,000	10,000,000
31	86-82	0	0	0.00000	0	0	3,192,638	10,000,000	10,000,000
32	83	0	0	0.00000	0	0	3,362,661	10,000,000	10,000,000
33	84	0	0	0.00000	0	0	3,533,632	10,000,000	10,000,000
34	85	0	0	0.00000	0	0	3,704,301	10,000,000	10,000,000
35	86	0	0	0.00000	0	0	3,872,633	10,000,000	10,000,000
36	87	0	0	0.00000	0	0	4,038,471	10,000,000	10,000,000

Year	Age (EOY)	Split dollar amount owed to grantor	BOY annual gifts to ILIT	Economic benefit rate	Economic benefit cost	ILIT side fund @0%	Net cash value	Net death benefit	Net to heirs from trust
37	88	0	0	0.00000	0	0	4,201,218	10,000,000	10,000,000
38	89	0	0	0.00000	0	0	4,360,728	10,000,000	10,000,000
39	90	0	0	0.00000	0	0	4,517,535	10,000,000	10,000,000
40	91	0	0	0.00000	0	0	4,673,378	10,000,000	10,000,000
41	92	0	0	0.00000	0	0	4,795,081	10,000,000	10,000,000
42	93	0	0	0.00000	0	0	4,908,980	10,000,000	10,000,000
43	94	0	0	0.00000	0	0	5,015,821	10,000,000	10,000,000
44	95	0	0	0.00000	0	0	5,116,746	10,000,000	10,000,000
45	96	0	0	0.00000	0	0	5,212,888	10,000,000	10,000,000
46	97	0	0	0.00000	0	0	5,304,140	10,000,000	10,000,000
47	98	0	0	0.00000	0	0	5,392,623	10,000,000	10,000,000
48	99	0	0	0.00000	0	0	5,471,513	10,000,000	10,000,000
49	100	0	0	0.00000	0	0	5,541,102	10,000,000	10,000,000
50	101	0	0	0.00000	0	0	5,601,661	10,000,000	10,000,000
51	102	0	0	0.00000	0	0	5,654,123	10,000,000	10,000,000
52	103	0	0	0.00000	0	0	5,698,534	10,000,000	10,000,000
53	104	0	0	0.00000	0	0	5,734,926	10,000,000	10,000,000
54	105	0	0	0.00000	0	0	5,764,719	10,000,000	10,000,000
55	106	0	0	0.00000	0	0	5,786,283	10,000,000	10,000,000
56	107	0	0	0.00000	0	0	5,808,898	10,000,000	10,000,000
57	108	0	0	0.00000	0	0	5,835,676	10,000,000	10,000,000
58	109	0	0	0.00000	0	0	5,872,353	10,000,000	10,000,000
59	110	0	0	0.00000	0	0	5,929,003	10,000,000	10,000,000
60	111	0	0	0.00000	0	0	6,052,046	10,000,000	10,000,000
61	112	0	0	0.00000	0	0	6,262,667	10,000,000	10,000,000
62	113	0	0	0.00000	0	0	6,640,020	10,000,000	10,000,000
63	114	0	0	0.00000	0	0	7,119,907	10,000,000	10,000,000
64	115	0	0	0.00000	0	0	7,634,491	10,000,000	10,000,000
65	116	0	0	0.00000	0	0	8,186,278	10,000,000	10,000,000
66	117	0	0	0.00000	0	0	8,777,960	10,000,000	10,000,000
	Total		\$1,128,651		\$7,641				

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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.

**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.

Annual Gifts to ILIT: The gifts to the ILIT in a given year, including gifts of insurance premium and other assets invested in the ILIT side fund. Gifts could include economic benefit cost, loan interest (if the PSD plan switches to a loan), a scheduled gift, or split dollar plan repayment.

BOY: Acronym for "Beginning of the year."

**Cumulative Split Dollar Premium:** The cumulative life insurance premiums, including repaid amounts, paid by the grantor using the PSD plan.

**Economic Benefit Cost:** The annual cost of the ILIT's share of the death benefit while the PSD plan uses an economic benefit approach. For single life, this is calculated using either the government rate table (Table 2001-10) or John Hancock's alternate term rates. For survivorship policies this is calculated using adjustments to the government table while both insureds are alive.

**Economic Benefit/Loan Interest Cost:** If the PSD plan switches from economic benefit to a loan regime, then the Economic Benefit Cost will be used until the year of the switch. In the year of the switch and thereafter the split dollar amount is treated as a loan and loan interest cost is calculated by applying a loan interest rate (the Applicable Federal Rate (AFR)) to the outstanding loan.

**Economic Benefit Rate:** The rate used that year to calculate (per thousand of death benefit) the economic benefit cost using either the government or carrier rate table.

**Economic Benefit Rate/Loan Interest Rate:** The rate used that year to calculate either the economic benefit cost (per thousand of death benefit) or the loan interest.

**EOY** Acronym for "End of the year."

**Grantor:** The person who created the trust that will purchase life insurance for the trust beneficiaries using the PSD plan.

**Irrevocable Life Insurance Trust (ILIT):** An ILIT is a type of irrevocable trust that contains provisions specifically designed to facilitate the ownership of one or more life insurance policies. Assuming the trust is properly

structured and managed, the life insurance owned inside the trust (along with any other assets) will be excluded for estate tax purposes.

**ILIT Side Fund:** The amount of non-insurance assets in the ILIT growing at the rate selected.

**Net Cash Value:** The grantor owns all the policy cash value while the PSD plan uses the economic benefit approach. If the PSD plan is switched to a loan, then the grantor owns the policy cash value up to the outstanding loan amount and the trust owns any excess policy cash value.

**Net Death Benefit:** The grantor's share of the policy death benefit is the greater of premium paid or cash value while the PSD plan uses the economic benefit approach. If the PSD plan is switched to a loan, then the grantor's share of the death benefit is the outstanding loan. The trust's share of the policy death benefit is the residual in excess of the grantor's share.

**Net Outlay:** Represents the grantor's out-of-pocket cost using information in the prior columns.

**Net to Heirs from Trust:** The total amount of life insurance death benefit and side fund assets, net of the split dollar amount owed, that pass to the ILIT/trust beneficiaries.

**Premium:** The premium due that year for the life insurance policy owned by the ILIT. The premium will be paid via either the PSD plan, the ILIT side fund, or a gift to the ILIT by the grantor.

**Split Dollar Amount Owed to Grantor:** The greater of the cumulative premium paid or the policy cash value while the PSD plan uses the economic benefit approach. If the PSD plan is switched to a loan, then the amount is the total loan outstanding.

Switch Dollar: The PSD plan switches from the economic benefit approach to a loan approach. At the time of the switch the measure of the plan for tax purposes changes from the economic benefit cost (a government or carrier rate applied to the trust death benefit) to loan interest (the current Applicable Federal Rate [AFR] applied to the outstanding loan). The outstanding split dollar repayment obligation prior to the change becomes the loan amount. Additional premiums paid thereafter are treated as new loans increasing the outstanding loan balance. Switching to a loan, when used, often occurs just prior to the policy cash value exceeding premiums paid or at the death of the first insured on a survivorship policy.

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.

This presentation is a planning tool designed to assist you in exploring the advantages of life insurance. However, this presentation is not intended to be a retirement/benefit or estate plan, nor is it a specific recommendation for a retirement/benefit or estate plan. This material is for informational purposes only. Although many of the topics presented may also involve legal, tax, accounting or other issues, neither John Hancock nor any of its agents, employees, or registered representatives are in the business of offering such advice, and this presentation and any other oral or written communication should not be construed as such. Individuals interested in these topics should consult their own professional advisors to examine tax, legal, accounting, or financial planning aspects of this topic. As you explore your planning needs with your legal and tax advisors, we hope that you find this analysis useful.

John Hancock does not guarantee the accuracy of the system or the output. John Hancock will not be liable for any damages arising from the use or misuse of this software or from any errors or omissions in the same. John Hancock assumes no duty to update this software or to provide notice of any errors in the software or applicable changes in the law. This supplemental illustration assumes that the currently illustrated non-guaranteed elements will continue for all years shown. However, it is not likely that the non-guaranteed elements will perform exactly as shown in the illustration. In addition, the actual consequences of a particular planning alternative will depend on many variables, some of which may not be fully accounted for or described in this presentation.

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.

This material does not constitute tax, legal, investment or accounting advice and is not intended for use by a taxpayer for the purposes of avoiding any IRS penalty. Comments on taxation are based on tax law current as of the time we produced the material.

All information and materials provided by John Hancock are to support the marketing and sale of our products and services, and are not intended to be impartial advice or recommendations. John Hancock and its representatives will receive compensation from such sales or services. Anyone interested in these transactions or topics may want to seek advice based on his or her particular circumstances from independent advisors.

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

#### MLINY020822654-1

INSURANCE PRODUCTS:								
Not FDIC Insured		Not Bank Guaranteed		May Lose Value				
Not a Deposit	-	Not Insured by Any	Federa	al Government Agency				



# **Vitality PLUS**

At John Hancock, we believe in helping people live longer, healthier lives. With the John Hancock Vitality Program, you'll be rewarded for the everyday things you do to be healthy, like exercising, eating well, and getting annual check-ups.

# Vitality PLUS offers

- Premium savings or more income potential
- A one-year Amazon Prime membership when you reach Platinum Status three years in a row
- An Apple Watch® for as little as \$25 by exercising regularly or a complimentary device¹
- Up to \$600 in savings on fresh fruit and vegetables<sup>2</sup>
- Exclusive discounts at more than 350,000 eligible properties around the world with Hotels.com
- A free 12-month subscription to Headspace<sup>®</sup>, a top-rated meditation app with millions of users in more than 190 countries<sup>3</sup>
- Entertainment, shopping, and travel rewards

Whether you enjoy healthy living today or simply aspire to live a healthier life, life insurance with Vitality PLUS provides a personalized program just for you.

Once your life insurance policy is issued, you can register for the program on the John Hancock Vitality member website and order your Apple Watch or a complimentary device. Then you'll be ready to get active, get rewarded, and start saving with John Hancock Vitality.

# It's easy and fun



# **Earn Vitality Points**

for healthy activities like walking, exercising and buying healthy food



# **Achieve a Vitality Status**

(Bronze, Silver, Gold, or Platinum) based on the number of points you earn



## Get rewarded

for your healthy habits with savings and discounts

The table below is a hypothetical comparison of what your premiums would be at each of the Vitality Status levels, keeping all other assumptions constant from your basic illustration.

# Premiums at various status levels

Assumed Status	Annualized Premium	Guaranteed Death Benefit Duration			

This presentation is not intended to predict actual performance, and not all benefits and values are guaranteed. The assumptions on which the non-guaranteed elements are based are subject to change by the insurer, including the Status Qualification requirements. Actual results may be more or less favorable. This presentation is not valid unless presented with a complete basic illustration which explains guaranteed and non-guaranteed elements. Additional illustrations showing various Assumed Statuses can be obtained from your insurance producer. The figures above assume the particular Vitality Status is achieved in all years.

# Meeting policy objectives with LifeTrack

You may also choose one of two billing options for your life insurance policy with Vitality PLUS:

# Traditional billing

With traditional billing, you'll receive a premium notice each year based on the planned premium outlined in your policy. Since this planned premium won't change with interest rates and other policy assumptions, your policy could perform in a way that differs from your insurance objectives.

# LifeTrack

LifeTrack is an optional and complimentary service, where your billed premium automatically adjusts each policy year based on changes in interest rates and other policy assumptions, helping you pay the premium that will keep you on track to achieve your insurance objectives.

- 1. Apple Watch program is not available in New York or Puerto Rico. Apple Watches ordered through John Hancock Vitality may not be shipped to addresses in Guam. Once you become a Vitality PLUS member and complete the Vitality Health Review (VHR), you can order Apple Watch by electronically signing, at checkout, a Retail Installment Agreement with the Vitality Group, for the retail price of the watch. After an initial payment of \$25 plus tax, over the next two years, monthly out of pocket payments are based on the number of Standard Workouts (10,000 to 14,999 steps) and Advanced Workouts (15,000 steps) or the applicable Active Calorie thresholds. The step counts required for Standard and Advanced Workouts are reduced for members beginning at age 71+. One-time upgrade fees plus taxes apply if you choose (GPS + Cellular) versions of Apple Watch, larger watch case sizes, certain bands and case materials. For more information, please visit www.JohnHancockInsurance.com. Apple is not a participant in or sponsor of this promotion. Apple Watch is a registered trademark of Apple Inc. All rights reserved.
- 2. HealthFood savings are based on qualifying purchases and may vary based on the terms of the John Hancock Vitality Program. The HealthyFood program is currently not available in Guam.
- 3. Based on internal data from Headspace.com, About Us, accessed from: https://www.headspace.com/about-us.

Please consult your financial representative as to how premium savings may affect the policy you purchase.

The life insurance policy describes coverage under the policy, exclusions and limitations, what you must do to keep your policy inforce, and what would cause your policy to be discontinued. Your John Hancock representative can provide you additional information to help you determine if this policy is suitable for your needs.

For the purposes of this presentation it is assumed that you are both the Policy Owner(s) and Life Insured(s). If you are not both the Policy Owner(s) and Life Insured(s), the discounts, rewards, and Fitbit will be provided only to the Life Insured(s) to encourage participation in the program. Status is attained based on the actions of the Life Insured(s) only.

"Vitality" refers collectively to the benefits provided by John Hancock's Healthy Engagement feature. The Vitality Group is the company that John Hancock has partnered with to administer these benefits.

Premium Savings will apply based on the Status attained by the Life Insured(s).

Rewards and discounts are subject to change and are not guaranteed to remain the same for the life of the policy.

This presentation is not valid unless presented with a complete basic illustration. Insurance products are issued by John Hancock Life Insurance Company (U.S.A.), Boston, MA 02116.

Policy Form Series:

Rider Form Series:

#### 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: Advanced Markets** 

## **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

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

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#### 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: Advanced Markets

# **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze Initial Death Benefit \$10,000,000 Face Amount \$10,000,000 Initial Planned Premium: \$112,101.00 / Billing Mode: Annual

Death Benefit Option 1; Cash Value Accumulation Test State: Massachusetts

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 \$112,101.00 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 \$177,494.01. 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 \$10,000,000 (Option 1). The initial Death Benefit is composed of \$10,000,000 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 83.

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.

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#### 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: Advanced Markets

## **Illustration Assumptions**

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

Valued Client

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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.

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#### 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: Advanced Markets** 

**Illustration Assumptions** 

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

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

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.

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#### 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: Advanced Markets

**Illustration Assumptions** 

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

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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 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:

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#### 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: Advanced Markets** 

## **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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%						

<sup>\*</sup> This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

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.

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<sup>\*\*</sup> 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: Advanced Markets

# **Illustration Assumptions**

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

Valued Client

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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).

		In	dex Return	s 0% or Low	er		
Index Account		Hypothetical Participation Rate		Index Performance Charge	Segment Growth Rate	Crediting Rate	Crediting Rate minus Index Performance Charge
Select Capped	8.50%	100%	5%	0.00%	0.00%	0.00%	i
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%

<sup>\*</sup> This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

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<sup>\*\*</sup> 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: Advanced Markets

**Illustration Assumptions** 

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

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

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

<sup>\*</sup> This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

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<sup>\*\*</sup> 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: Advanced Markets

# **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

			Index Ret	turns 20%			
Index Account		Hypothetical Participation Rate		Index Performance Charge	Segment Growth Rate	Crediting Rate	Crediting Rate minus Index Performance Charge
Select Capped	8.50%	1	•	<del>i                                    </del>	8.50%		i
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%

<sup>\*</sup> This account has a 0.65% guaranteed Fixed Bonus Interest Rate.

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.

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<sup>\*\*</sup> 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: Advanced Markets

## **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

		Historical F	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%	0.009
2002-2003	20.76%	8.93%	12.79%	13.80%	11.55%	8.509
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
ource: S&P 50	0 Index Data from	m 12/14/2001 to	12/14/2021			

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## 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: Advanced Markets

**Illustration Assumptions** 

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

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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 Da	ta from 12/14/2000 to 12/14	4/2021			

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#### 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: Advanced Markets** 

# **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

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 values could have changed during these prior periods. The hypothetical values of 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.

Historical Performance 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				

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#### 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: Advanced Markets

## **Illustration Assumptions**

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

Valued Client

Female - 51 - Preferred NonSmoker
Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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.

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#### 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: Advanced Markets** 

## **Illustration Assumptions**

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

Valued Client

Female - 51 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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-quaranteed 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.

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#### 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: Advanced Markets

# **Illustration Assumptions**

Valued Client Male - 55 - Preferred NonSmoker

Initial Assumed Status: Bronze
Valued Client

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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 loan that may be secured by the Indexed Accounts. The loan interest rate charged is guaranteed not to exceed 15.0%. Loan interest is payable in arrears. The Loan Interest Credited Differential is guaranteed not to exceed 1.25% in years 1-10 and 0.25% in years 11+.

<u>Index Loan</u> Under the Index Loan option, loan proceeds and any capitalized loan interest are, to the extent possible, secured by amounts you have in the Indexed Accounts. Amounts from the Indexed Accounts used to secure a loan 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 40 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. This illustration assumes the death of Life 1 in year 40.

## Other Policy Features and Benefits

## **Estate Preservation Rider**

This benefit helps eliminate the worry that the proceeds from the policy may be included in the surviving insured's estate. It is included at no extra charge, subject to certain age, risk classification and amount limits, providing additional term insurance and payable during the first four years of the policy. The coverage could be equal to a maximum of 122.22% of the total death benefit you select at issue.

#### **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.

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#### 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: Advanced Markets** 

## **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

# **Healthy Engagement Rider (Vitality PLUS)**

Illustration Summary page.

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.

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 Lapse			
Insured 1 Assumed	Insured 2 Assumed	3			
Status (all years)	Status (all years)	and Rate	Assumed Rate		
Platinum	Platinum	85	N/A		
Gold	Gold	84	N/A		
Silver	Silver	84	N/A		
Bronze	Bronze	83	N/A		
*The attained age at lapse is hypo	othetical and based on the same a	ssumed premium payments and fa	actors shown on the Basic		

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.

This is your Basic Illustration and is valid only if all illustration pages are included. Version: 18.1.1 RB[0-0-24592-2560-8192] - 136 Page 16 of 39

#### 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: Advanced Markets** 

**Illustration Assumptions** 

Valued Client Male - 55 - Preferred NonSmoker

**Initial Assumed Status: Bronze** Valued Client

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000

Face Amount \$10,000,000 Initial Planned Premium: \$112,101.00 / Billing Mode: Annual

**Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

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.

#### 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:

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#### 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: Advanced Markets

# **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

- 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).

## **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 \$615,236.00.

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.

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

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#### 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: Advanced Markets

## **Illustration Assumptions**

Valued Client
Male - 55 - Preferred NonSr

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

Valued Client

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

## **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.

## **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.

Protection Survivorship Indexed UL Insurance is

- NOT A DEPOSIT OR OTHER OBLIGATION OF, OR GUARANTEED BY, ANY BANK OR BANK AFFILIATE;
- NOT INSURED BY THE FDIC OR ANY OTHER FEDERAL GOVERNMENT AGENCY, OR BY ANY BANK OR BANK AFFILIATE; AND
- SUBJECT TO INVESTMENT RISK, INCLUDING POSSIBLE LOSS OF VALUE.

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## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy Basic Illustration Summary

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

## **Illustration Assumptions**

Valued Client

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

Valued Client

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

Coverage	Summary
----------	---------

Coverage DescriptionAmountPremiumFace Amount - Level for all years\$10,000,000\$112,101.00

Healthy Engagement Rider

## **Policy Summary**

State Death Benefit Option Definition of Life Insurance Payment Mode Charges	Massachusetts 1 CVAT Annual Current	From 1 Thru 70
Assumed Segment Growth Rate**** Assumed Select Capped Indexed Segment Growth Rate Assumed Base Capped Two Year Indexed Segment Gro Assumed Barclays Global MA Bonus Indexed Segment Gro Assumed Barclays Global MA Classic Indexed Segment Assumed Capped Indexed Segment Growth Rate† Assumed High Capped Indexed Segment Growth Rate† Assumed High Par Capped Indexed Segment Growth Rate† Assumed Fixed Account Rate† (includes non-guaranteed persistency bonus)	with Rate† 6.34%  Growth Rate† 6.34%  Growth Rate† 6.34%  5.04%  6.03%	From 1 Thru 66
Loan Interest Rate	3.50%	From 1 Thru 70

Initial 7-Pay Premium \$615,236.00
Target Premium \$88,631.07
Minimum Initial Premium \$1,846.31
Death Benefit Protection Period 32 Years

Based on Guaranteed Assumptions

Assumed Status Insured 1 Bronze
Assumed Status Insured 2 Bronze
LifeTrack Billing Yes
Illustration Serial Number 16D29AFA4

## A LIFE INSURANCE POLICY ILLUSTRATION

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

Protection Survivorship Indexed UL Form: 22PSIUL

**Illustration Assumptions** 

Valued Client

Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Valued Client

Initial Assumed Status: Bronze

Female - 51 - Preferred NonSmoker

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Presented By: Advanced Markets

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

## **Initial Premium Allocation Table**

Initial Premium Allocation	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 0%	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%	

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

	Payı	ment	C	ost
	10 Year	20 Year	10 Year	20 Year
Guaranteed	11.21	6.95	7.17	6.06
Current	11.21	6.95	4.71	2.30
Non-guaranteed Element	0.00	0.00	2.46	3.76

Interest Adjusted Indexes

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.

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## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy Numeric Summary

Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: Advanced Markets

## **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

#### **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 33, month 9\*.

#### 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 34, month 1\*.

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: Advanced Markets 200 Berkeley Street Boston, MA 02116 888-266-7498, option 3

SUMMARY YEARS	GUARANTEED ASSUMPTIONS	NON-GUARANTE Midpoint Scale	EED ASSUMPTIONS Assumed Scale
Years Premium Paid in Cash	10	10	10
Summary Year 5			
Net Surrender Value	65,346	108,405	145,927
Net Death Benefit	10,000,000	10,000,000	10,000,000
Summary Year 10			
Net Surrender Value	533,327	696,310	858,735
Net Death Benefit	10,000,000	10,000,000	10,000,000
Summary Year 20			
Net Surrender Value	309,696	861,077	1,614,679
Net Death Benefit	10,000,000	10,000,000	10,000,000
Summary Year 30			
Net Surrender Value	0	570,087	3,024,616
Net Death Benefit	10,000,000	10,000,000	10,000,000

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)
	on has been presented to the applicant and that strated are subject to change. I have made no		
Representative:		Date:	
	(Signature)		(mm/dd/yyyy)

## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy Guaranteed and Nonguaranteed Values

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

## **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

**Valued Client** 

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

				Guaranteed Assum Rate, Maximur			on-Guaranteed Assumed Rate, Cur	
Policy	EOY	Planned	Policy	Net Surrender	Net Death	Policy	Net Surrender	Net Death
Year	Age	Premium	Value	Value	Benefit	Value	Value	Benefit
1	56 52	112,101	57,076	0	10,000,000	63,042	0	10,000,000
2	57 53	112,101	112,542	0	10,000,000	130,098	0	10,000,000
3	58 54	112,101	166,502	0	10,000,000	201,552	0	10,000,000
4	59 55	112,101	219,032	5,877	10,000,000	277,787	58,887	10,000,000
5	60 56	112,101	270,221	65,346	10,000,000	359,241	145,927	10,000,000
6	61 57	112,101	320,140	162,139	10,000,000	446,368	276,776	10,000,000
7	62 58	112,101	368,842	259,476	10,000,000	539,647	415,102	10,000,000
8	63 59	112,101	416,376	353,820	10,000,000	639,605	557,867	10,000,000
9	64 60	112,101	462,779	445,113	10,000,000	746,795	705,553	10,000,000
10	65 61	112,101	508,047	533,327	10,000,000	861,793	858,735	10,000,000
Totals:		1,121,010						
11	66 62	0	481,897	513,434	10,000,000	909,320	909,320	10,000,000
12	67 63	0	455,276	489,721	10,000,000	960,178	960,178	10,000,000
13	68 64	0	427,937	464,990	10,000,000	1,014,562	1,014,562	10,000,00
14	69 65	0	399,628	438,955	10,000,000	1,072,694	1,072,694	10,000,000
15	70 66	0	383,677	424,971	10,000,000	1,148,999	1,148,999	10,000,00
16	71 67	0	365,858	408,822	10,000,000	1,230,525	1,230,525	10,000,00
17	72 68	0	345,690	389,978	10,000,000	1,317,561	1,317,561	10,000,000
18	73 69	0	322,566	367,776	10,000,000	1,410,414	1,410,414	10,000,00
19	74 70	0	295,712	341,364	10,000,000	1,509,368	1,509,368	10,000,000
20	75 71	0	264,170	309,696	10,000,000	1,614,679	1,614,679	10,000,000
Totals:		1,121,010						
21	76 72	0	226,760	271,480	10,000,000	1,726,329	1,726,329	10,000,000
22	77 73	0	182,015	225,113	10,000,000	1,844,612	1,844,612	10,000,000
23	78 74	0	128,144	168,633	10,000,000	1,969,613	1,969,613	10,000,00
24	79 75	0	62,884	99,560	10,000,000	2,101,334	2,101,334	10,000,00
25	80 76	0	0	14,630	10,000,000	2,239,687	2,239,687	10,000,00
26	81 77	0	0	0	10,000,000	2,384,457	2,384,457	10,000,00
27	82 78	0	0	0	10,000,000	2,535,660	2,535,660	10,000,00
28	83 79	0	0	0	10,000,000	2,693,030	2,693,030	10,000,00
29	84 80	0	0	0	10,000,000	2,856,174	2,856,174	10,000,00
30	85 81	0	0	0	10,000,000	3,024,616	3,024,616	10,000,000

Totals: 1,121,010

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.

## 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 Universal Life Insurance Policy Guaranteed and Nonguaranteed Values (cont'd)

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

## **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

**Valued Client** 

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

				Guaranteed Assi			on-Guaranteed As	
			0.00% Minimu	m Rate, Maximui		6.34% Initial As	sumed Rate, Curi	
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	Policy Value	Net Surrender Value	Ne Deatl Benefi
31	86 82	0	0	0	10,000,000	3,192,638	3,192,638	10,000,00
32	87 83	0	0	0	10,000,000	3,362,661	3,362,661	10,000,00
33	88 84	0	##	##	##	3,533,632	3,533,632	10,000,00
34	89 85	0				3,704,301	3,704,301	10,000,00
35	90 86	0				3,872,633	3,872,633	10,000,00
36	91 87	0				4,038,471	4,038,471	10,000,00
37	92 88	0				4,201,218	4,201,218	10,000,00
38	93 89	0				4,360,728	4,360,728	10,000,00
39	94 90	0				4,517,535	4,517,535	10,000,00
40	95 91	0				4,673,378	4,673,378	10,000,00
Totals:		1,121,010						
41	96 92	0				4,795,081	4,795,081	10,000,00
42	97 93	0				4,908,980	4,908,980	10,000,00
43	98 94	0				5,015,821	5,015,821	10,000,00
44	99 95	0				5,116,746	5,116,746	10,000,00
45	100 96	0				5,212,888	5,212,888	10,000,00
46	101 97	0				5,304,140	5,304,140	10,000,00
47	102 98	0				5,392,623	5,392,623	10,000,00
48	103 99	0				5,471,513	5,471,513	10,000,00
49	104 100	0				5,541,102	5,541,102	10,000,00
50	105 101	0				5,601,661	5,601,661	10,000,00
Totals:		1,121,010						
51	106 102	0				5,654,123	5,654,123	10,000,00
52	107 103	0				5,698,534	5,698,534	10,000,00
53	108 104	0				5,734,926	5,734,926	10,000,00
54	109 105	0				5,764,719	5,764,719	10,000,00
55	110 106	0				5,786,283	5,786,283	10,000,00
56	111 107	0				5,808,898	5,808,898	10,000,00
57	112 108	0				5,835,676	5,835,676	10,000,00
58	113 109	0				5,872,353	5,872,353	10,000,00
59	114 110	0				5,929,003	5,929,003	10,000,00
60	115 111	0				6,052,046	6,052,046	10,000,00

Totals: 1,121,010

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.

## 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 Universal Life Insurance Policy Guaranteed and Nonguaranteed Values (cont'd)

1,121,010

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

### **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

Valued Client

Totals:

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

				Guaranteed Assun m Rate, Maximum			on-Guaranteed Assumed Rate, Curi	
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	Policy Value	Net Surrender Value	Net Death Benefit
61	116 112	0				6,262,667	6,262,667	10,000,000
62	117 113	0				6,640,020	6,640,020	10,000,000
63	118 114	0				7,119,907	7,119,907	10,000,000
64	119 115	0				7,634,491	7,634,491	10,000,000
65	120 116	0				8,186,278	8,186,278	10,000,000
66	121 117	0				8,777,960	8,777,960	10,000,000
67	122 118	0				9,412,420	9,412,420	10,000,000
68	123 119	0				10,092,752	10,092,752	10,092,752
69	124 120	0				10,821,908	10,821,908	10,821,908
70	125 121	0				11,602,031	11,602,031	11,602,031
Totals:		1,121,010						
71	126 122	0				12,361,600	12,361,600	12,361,600
72	127 123	0				13,169,325	13,169,325	13,169,325
73	128 124	0				14,028,261	14,028,261	14,028,261
74	129 125	0				14,941,652	14,941,652	14,941,652

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.

## 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.

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### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy

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

**Alternate Assumptions** 

**Illustration Assumptions** 

**Valued Client** 

Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Valued Client

Female - 51 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

**Presented By: Advanced Markets** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

				Guaranteed Assu			Alternate Assun	
		_	0.00% Minimu	<mark>m Rate, Maximun</mark>		3.85% Initial Ass		
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	Policy Value	Net Surrender Value	Ne Deatl Benefi
1	56 52	112,101	57,076	0	10,000,000	61,395	0	10,000,00
2	57 53	112,101	112,542	0	10,000,000	125,165	0	10,000,00
3	58 54	112,101	166,502	0	10,000,000	191,518	0	10,000,00
4	59 55	112,101	219,032	5,877	10,000,000	260,645	41,745	10,000,00
5	60 56	112,101	270,221	65,346	10,000,000	332,776	119,462	10,000,00
6	61 57	112,101	320,140	162,139	10,000,000	408,130	238,538	10,000,00
7	62 58	112,101	368,842	259,476	10,000,000	486,938	362,392	10,000,00
8	63 59	112,101	416,376	353,820	10,000,000	569,447	487,709	10,000,00
9	64 60	112,101	462,779	445,113	10,000,000	655,911	614,668	10,000,00
10	65 61	112,101	508,047	533,327	10,000,000	746,576	743,518	10,000,00
Totals:		1,121,010						
11	66 62	0	481,897	513,434	10,000,000	767,342	767,342	10,000,00
12	67 63	0	455,276	489,721	10,000,000	788,984	788,984	10,000,00
13	68 64	0	427,937	464,990	10,000,000	811,496	811,496	10,000,00
14	69 65	0	399,628	438,955	10,000,000	834,881	834,881	10,000,00
15	70 66	0	383,677	424,971	10,000,000	873,175	873,175	10,000,00
16	71 67	0	365,858	408,822	10,000,000	912,967	912,967	10,000,00
17	72 68	0	345,690	389,978	10,000,000	954,231	954,231	10,000,00
18	73 69	0	322,566	367,776	10,000,000	996,931	996,931	10,000,00
19	74 70	0	295,712	341,364	10,000,000	1,040,903	1,040,903	10,000,00
20	75 71	0	264,170	309,696	10,000,000	1,085,927	1,085,927	10,000,00
Totals:		1,121,010						
21	76 72	0	226,760	271,480	10,000,000	1,131,444	1,131,444	10,000,00
22	77 73	0	182,015	225,113	10,000,000	1,177,150	1,177,150	10,000,00
23	78 74	0	128,144	168,633	10,000,000	1,222,400	1,222,400	10,000,00
24	79 75	0	62,884	99,560	10,000,000	1,266,357	1,266,357	10,000,00
25	80 76	0	0	14,630	10,000,000	1,307,914	1,307,914	10,000,00
26	81 77	0	0	0	10,000,000	1,345,601	1,345,601	10,000,00
27	82 78	0	0	0	10,000,000	1,377,898	1,377,898	10,000,00
28	83 79	0	0	0	10,000,000	1,402,539	1,402,539	10,000,00
29	84 80	0	0	0	10,000,000	1,416,531	1,416,531	10,000,00
30	85 81	0	0	0	10,000,000	1,415,973	1,415,973	10,000,00

1,121,010 Totals:

## 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 Universal Life Insurance Policy

**Alternate Assumptions (cont'd)** 

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

**Presented By: Advanced Markets** 

**Illustration Assumptions** 

**Valued Client** 

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

Valued Client

Female - 51 - Preferred NonSmoker Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000

Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

			End of Year Guaranteed Assumptions 0.00% Minimum Rate, Maximum Charges			End of Year 3.85% Initial Ass	Alternate Assun	
Policy Year	EOY Age	Planned Premium	Policy Value	Net Surrender Value	Net Death Benefit	Policy Value	Net Surrender Value	Net Death Benefit
31	86 82	0	0	0	10,000,000	1,398,421	1,398,421	10,000,000
32	87 83	0	0	0	10,000,000	1,369,642	1,369,642	10,000,000
33	88 84	0	##	##	##	1,315,714	1,315,714	10,000,000
34	89 85	0				1,229,348	1,229,348	10,000,000
35	90 86	0				1,100,113	1,100,113	10,000,000
36	91 87	0				917,431	917,431	10,000,000
37	92 88	0				666,702	666,702	10,000,000
38	93 89	0				329,238	329,238	10,000,000
39	94 90	##				##	##	##

Totals: 1,121,010

## 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.

## A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy **Death Benefit Illustration** 

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

## **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Valued Client

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

**State: Massachusetts** 

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 52	112,101	10,000,000	0	63,042	10,000,000	10,000,000
2	57 53	112,101	10,000,000	0	130,098	10,000,000	10,000,000
3	58 54	112,101	10,000,000	0	201,552	10,000,000	10,000,000
4	59 55	112,101	10,000,000	0	277,787	10,000,000	10,000,000
5	60 56	112,101	10,000,000	0	359,241	10,000,000	10,000,000
6	61 57	112,101	10,000,000	0	446,368	10,000,000	10,000,000
7	62 58	112,101	10,000,000	0	539,647	10,000,000	10,000,000
8	63 59	112,101	10,000,000	0	639,605	10,000,000	10,000,000
9	64 60	112,101	10,000,000	0	746,795	10,000,000	10,000,000
10	65 61	112,101	10,000,000	0	861,793	10,000,000	10,000,000
Totals:		1,121,010					
11	66 62	0	10,000,000	0	909,320	10,000,000	10,000,000
12	67 63	0	10,000,000	0	960,178	10,000,000	10,000,000
13	68 64	0	10,000,000	0	1,014,562	10,000,000	10,000,000
14	69 65	0	10,000,000	0	1,072,694	10,000,000	10,000,000
15	70 66	0	10,000,000	0	1,148,999	10,000,000	10,000,000
16	71 67	0	10,000,000	0	1,230,525	10,000,000	10,000,000
17	72 68	0	10,000,000	0	1,317,561	10,000,000	10,000,000
18	73 69	0	10,000,000	0	1,410,414	10,000,000	10,000,000
19	74 70	0	10,000,000	0	1,509,368	10,000,000	10,000,000
20	75 71	0	10,000,000	0	1,614,679	10,000,000	10,000,000
Totals:		1,121,010					
21	76 72	0	10,000,000	0	1,726,329	10,000,000	10,000,000
22	77 73	0	10,000,000	0	1,844,612	10,000,000	10,000,000
23	78 74	0	10,000,000	0	1,969,613	10,000,000	10,000,000
24	79 75	0	10,000,000	0	2,101,334	10,000,000	10,000,000
25	80 76	0	10,000,000	0	2,239,687	10,000,000	10,000,000
26	81 77	0	10,000,000	0	2,384,457	10,000,000	10,000,000
27	82 78	0	10,000,000	0	2,535,660	10,000,000	10,000,000
28	83 79	0	10,000,000	0	2,693,030	10,000,000	10,000,000
29	84 80	0	10,000,000	0	2,856,174	10,000,000	10,000,000
30	85 81	0	10,000,000	0	3,024,616	10,000,000	10,000,000

Totals: 1,121,010

### A LIFE INSURANCE POLICY ILLUSTRATION

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

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

## **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

**Valued Client** 

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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 82	0	10,000,000	0	3,192,638	10,000,000	10,000,000
32	87 83	0	10,000,000	0	3,362,661	10,000,000	10,000,000
33	88 84	0	10,000,000	0	3,533,632	10,000,000	10,000,000
34	89 85	0	10,000,000	0	3,704,301	10,000,000	10,000,000
35	90 86	0	10,000,000	0	3,872,633	10,000,000	10,000,000
36	91 87	0	10,000,000	0	4,038,471	10,000,000	10,000,000
37	92 88	0	10,000,000	0	4,201,218	10,000,000	10,000,000
38	93 89	0	10,000,000	0	4,360,728	10,000,000	10,000,000
39	94 90	0	10,000,000	0	4,517,535	10,000,000	10,000,000
40	95 91	0	10,000,000	0	4,673,378	10,000,000	10,000,000
Totals:		1,121,010					
41	96 92	0	10,000,000	0	4,795,081	10,000,000	10,000,000
42	97 93	0	10,000,000	0	4,908,980	10,000,000	10,000,000
43	98 94	0	10,000,000	0	5,015,821	10,000,000	10,000,000
44	99 95	0	10,000,000	0	5,116,746	10,000,000	10,000,000
45	100 96	0	10,000,000	0	5,212,888	10,000,000	10,000,000
46	101 97	0	10,000,000	0	5,304,140	10,000,000	10,000,000
47	102 98	0	10,000,000	0	5,392,623	10,000,000	10,000,000
48	103 99	0	10,000,000	0	5,471,513	10,000,000	10,000,000
49	104 100	0	10,000,000	0	5,541,102	10,000,000	10,000,000
50	105 101	0	10,000,000	0	5,601,661	10,000,000	10,000,000
Totals:		1,121,010					
51	106 102	0	10,000,000	0	5,654,123	10,000,000	10,000,000
52	107 103	0	10,000,000	0	5,698,534	10,000,000	10,000,000
53	108 104	0	10,000,000	0	5,734,926	10,000,000	10,000,000
54	109 105	0	10,000,000	0	5,764,719	10,000,000	10,000,000
55	110 106	0	10,000,000	0	5,786,283	10,000,000	10,000,000
56	111 107	0	10,000,000	0	5,808,898	10,000,000	10,000,000
57	112 108	0	10,000,000	0	5,835,676	10,000,000	10,000,000
58	113 109	0	10,000,000	0	5,872,353	10,000,000	10,000,000
59	114 110	0	10,000,000	0	5,929,003	10,000,000	10,000,00
60	115 111	0	10,000,000	0	6,052,046	10,000,000	10,000,00

Totals: 1,121,010

### A LIFE INSURANCE POLICY ILLUSTRATION

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

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

**Illustration Assumptions** 

**Valued Client** 

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

**Valued Client** 

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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
61	116 112	0	10,000,000	0	6,262,667	10,000,000	10,000,000
62	117 113	0	10,000,000	0	6,640,020	10,000,000	10,000,000
63	118 114	0	10,000,000	0	7,119,907	10,000,000	10,000,000
64	119 115	0	10,000,000	0	7,634,491	10,000,000	10,000,000
65	120 116	0	10,000,000	0	8,186,278	10,000,000	10,000,00
66	121 117	0	10,000,000	0	8,777,960	10,000,000	10,000,000
67	122 118	0	10,000,000	0	9,412,420	10,000,000	10,000,000
68	123 119	0	10,000,000	92,752	10,092,752	10,092,752	10,092,75
69	124 120	0	10,000,000	821,908	10,821,908	10,821,908	10,821,90
70	125 121	0	10,000,000	1,602,031	11,602,031	11,602,031	11,602,03
Totals:		1,121,010					
71	126 122	0	0	0	12,361,600	0	12,361,60
72	127 123	0	0	0	13,169,325	0	13,169,32
73	128 124	0	0	0	14,028,261	0	14,028,26
74	129 125	0	0	0	14,941,652	0	14,941,65

Totals: 1,121,010

### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy **Internal Rate of Return Illustration** 

Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: Advanced Markets

#### **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Valued Client

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

			Surrender Val	ne	Death Benef	it
Policy Year	EOY Age	Net Outlay	Net Surrender Value	Internal Rate of Return	Net Death Benefit	Internal Rate of Return
1	56 52	112,101	0	-100.00%	10,000,000	8820.53%
2	57 53	112,101	0	-100.00%	10,000,000	795.81%
3	58 54	112,101	0	-100.00%	10,000,000	308.95%
4	59 55	112,101	58,887	-65.23%	10,000,000	175.80%
5	60 56	112,101	145,927	-41.75%	10,000,000	118.05%
6	61 57	112,101	276,776	-24.97%	10,000,000	86.77%
7	62 58	112,101	415,102	-15.99%	10,000,000	67.469
8	63 59	112,101	557,867	-10.67%	10,000,000	54.509
9	64 60	112,101	705,553	-7.25%	10,000,000	45.269
10	65 61	112,101	858,735	-4.91%	10,000,000	38.389
Totals:		1,121,010				
11	66 62	0	909,320	-3.23%	10,000,000	33.30%
12	67 63	0	960,178	-2.07%	10,000,000	29.339
13	68 64	0	1,014,562	-1.17%	10,000,000	26.169
14	69 65	0	1,072,694	-0.46%	10,000,000	23.569
15	70 66	0	1,148,999	0.23%	10,000,000	21.429
16	71 67	0	1,230,525	0.81%	10,000,000	19.619
17	72 68	0	1,317,561	1.30%	10,000,000	18.089
18	73 69	0	1,410,414	1.71%	10,000,000	16.769
19	74 70	0	1,509,368	2.06%	10,000,000	15.619
20	75 71	0	1,614,679	2.37%	10,000,000	14.60

Totals: 1,121,010

The IRR on cash value 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 surrender value of the policy.

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.

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### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy Internal Rate of Return Illustration (cont'd)

Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: Advanced Markets

#### **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Valued Client

Totals:

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

			Surrender Valu	e	Death Benefit	
Policy Year	EOY Age	Net Outlay	Net Surrender Value	Internal Rate of Return	Net Death Benefit	Interna Rate o Returi
21	76 72	0	1,726,329	2.63%	10,000,000	13.729
22	77 73	0	1,844,612	2.87%	10,000,000	12.939
23	78 74	0	1,969,613	3.07%	10,000,000	12.239
24	79 75	0	2,101,334	3.25%	10,000,000	11.599
25	80 76	0	2,239,687	3.41%	10,000,000	11.029
26	81 77	0	2,384,457	3.55%	10,000,000	10.50
27	82 78	0	2,535,660	3.67%	10,000,000	10.039
28	83 79	0	2,693,030	3.77%	10,000,000	9.60
29	84 80	0	2,856,174	3.87%	10,000,000	9.20
30	85 81	0	3,024,616	3.94%	10,000,000	8.84
Totals:		1,121,010				
31	86 82	0	3,192,638	4.00%	10,000,000	8.50
32	87 83	0	3,362,661	4.05%	10,000,000	8.18
33	88 84	0	3,533,632	4.09%	10,000,000	7.89
34	89 85	0	3,704,301	4.11%	10,000,000	7.62
35	90 86	0	3,872,633	4.13%	10,000,000	7.37
36	91 87	0	4,038,471	4.13%	10,000,000	7.13
37	92 88	0	4,201,218	4.13%	10,000,000	6.90
38	93 89	0	4,360,728	4.12%	10,000,000	6.70
39	94 90	0	4,517,535	4.10%	10,000,000	6.50
40	95 91	0	4,673,378	4.08%	10,000,000	6.31

The IRR on cash value is equivalent to an interest rate at which an amount equal to the illustrated premiums could have been invested outside

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.

the policy to arrive at the net surrender value of the policy.

1,121,010

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### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy Internal Rate of Return Illustration (cont'd)

Protection Survivorship Indexed UL Form: 22PSIUL

Presented By: Advanced Markets

## **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Valued Client

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

			Surrender Valu	le	Death Benefit	
Policy Year	EOY Age	Net Outlay	Net Surrender Value	Internal Rate of Return	Net Death Benefit	Interna Rate o Retur
41	96 92	0	4,795,081	4.04%	10,000,000	6.149
42	97 93	0	4,908,980	4.00%	10,000,000	5.979
43	98 94	0	5,015,821	3.95%	10,000,000	5.819
44	99 95	0	5,116,746	3.90%	10,000,000	5.66
45	100 96	0	5,212,888	3.85%	10,000,000	5.52
46	101 97	0	5,304,140	3.80%	10,000,000	5.39
47	102 98	0	5,392,623	3.75%	10,000,000	5.26
48	103 99	0	5,471,513	3.70%	10,000,000	5.13
49	104 100	0	5,541,102	3.64%	10,000,000	5.02
50	105 101	0	5,601,661	3.59%	10,000,000	4.91
Totals:		1,121,010				
51	106 102	0	5,654,123	3.53%	10,000,000	4.80
52	107 103	0	5,698,534	3.47%	10,000,000	4.70
53	108 104	0	5,734,926	3.41%	10,000,000	4.60
54	109 105	0	5,764,719	3.35%	10,000,000	4.50
55	110 106	0	5,786,283	3.29%	10,000,000	4.41
56	111 107	0	5,808,898	3.24%	10,000,000	4.33
57	112 108	0	5,835,676	3.18%	10,000,000	4.24
58	113 109	0	5,872,353	3.14%	10,000,000	4.16
59	114 110	0	5,929,003	3.10%	10,000,000	4.08
60	115 111	0	6,052,046	3.08%	10,000,000	4.01

Totals:

The IRR on cash value 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 surrender value of the policy.

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.

1,121,010

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### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy Internal Rate of Return Illustration (cont'd)

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

#### **Illustration Assumptions**

**Valued Client** 

Male - 55 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Valued Client

Totals:

**Initial Assumed Status: Bronze** 

Female - 51 - Preferred NonSmoker

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

Based on Curr Charges and Initial Assumed Segment Growth Rate of 6.34%

			Surrender Valu	e	Death Benefit	
Policy Year	EOY Age	Net Outlay	Net Surrender Value	Internal Rate of Return	Net Death Benefit	Internal Rate of Return
61	116 112	0	6,262,667	3.08%	10,000,000	3.94%
62	117 113	0	6,640,020	3.14%	10,000,000	3.87%
63	118 114	0	7,119,907	3.20%	10,000,000	3.80%
64	119 115	0	7,634,491	3.27%	10,000,000	3.74%
65	120 116	0	8,186,278	3.33%	10,000,000	3.67%
66	121 117	0	8,777,960	3.40%	10,000,000	3.61%
67	122 118	0	9,412,420	3.46%	10,000,000	3.56%
68	123 119	0	10,092,752	3.51%	10,092,752	3.51%
69	124 120	0	10,821,908	3.57%	10,821,908	3.57%
70	125 121	0	11,602,031	3.62%	11,602,031	3.62%
Totals:		1,121,010				
71	126 122	0	12,361,600	3.67%	12,361,600	3.67%
72	127 123	0	13,169,325	3.71%	13,169,325	3.71%
73	128 124	0	14,028,261	3.75%	14,028,261	3.75%
74	129 125	0	14,941,652	3.79%	14,941,652	3.79%

The IRR on cash value 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 surrender value of the policy.

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.

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1,121,010

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### A LIFE INSURANCE POLICY ILLUSTRATION

A Flexible Premium Universal Life Insurance Policy Understanding Potential Loan Costs

Protection Survivorship Indexed UL Form: 22PSIUL

**Presented By: Advanced Markets** 

## **Illustration Assumptions**

Valued Client

Male - 55 - Preferred NonSmoker Initial Assumed Status: Bronze

Valued Client

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual Death Benefit Option 1; Cash Value Accumulation Test

2 000/

5.50%

State: Massachusetts

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 Pate

Assumed Crediting Rate

00% <b>00%</b>	geu	Net Loan Co	2.00%	count Crediting Rate	Assumed Loan Ac
nulative Net Loan Cost	Loan Charged Amount	Loan Account Credited Amount	Annual Loan Amount	Annual Loan Requested	Policy Year
-	200	200	10,000	(10,000)	11
-	404	404	10,200	(10,000)	12
-	612	612	10,404	(10,000)	13
-	824	1,742	10,612	(10,000)	14
-	2,190	2,190	11,951	(10,000)	20

Loan Pate Charged

Loan Rate Charged

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

2 95%

	2.20%	Net Loan Cost		N/A	Assumed Loan Account Crediting Rate	
Net Cash Surrender Value	Cumulative Net Loan Cost	Loan Charged Amount	Indexed Account Credited Amount	Annual Loan Amount	Annual Loan Requested	Policy Year
93,300	220	550	330	10,000	(10,000)	11
86,159	672	1,130	678	10,550	(10,000)	12
78,550	1,369	1,742	1,045	11,130	(10,000)	13
70,445	2,324	2,388	1,433	11,742	(10,000)	14
9.604	14.334	7.081	4.249	16.191	(10.000)	20

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

	5.50% <b>7.29%</b>	Loan Rate Charged <b>Net Loan <u>Gain</u></b>		7.75% N/A	Assumed Crediting Rate Assumed Loan Account Crediting Rate	
Net Cash Surrender Value	Cumulative Net Loan Cost	Loan Charged Amount	Indexed Account Credited Amount	Annual Loan Amount	Annual Loan Requested	Policy Year
102,788	(729)	550	1,279	10,000	(10,000)	11
105,563	(2,226)	1,130	2,628	10,550	(10,000)	12
103,680	(611)	1,130	1,541	11,130	(10,000)	13
118,402	(7,699)	2,388	5,553	11,742	(10,000)	14
204 373	(47,481)	7 081	16 464	16 191	(10,000)	20

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.

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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

Presented By: Advanced Markets

#### **Illustration Assumptions**

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

Valued Client

Female - 51 - Preferred NonSmoker

Initial Assumed Status: Bronze

Initial Death Benefit \$10,000,000

Face Amount \$10,000,000
Initial Planned Premium: \$112,101.00 / Billing Mode: Annual
Death Benefit Option 1; Cash Value Accumulation Test

State: Massachusetts

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 \$12.92102 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.

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#### **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: Advanced Markets** 

## **Illustration Assumptions**

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

Valued Client

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000

Face Amount \$10,000,000 Initial Planned Premium: \$112,101.00 / Billing Mode: Annual

Death Benefit Option 1; Cash Value Accumulation Test State: Massachusetts

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;

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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: Advanced Markets** 

## **Illustration Assumptions**

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

Female - 51 - Preferred NonSmoker **Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

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 \$88,631.07. 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)

**Illustration Assumptions** 

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

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000 Face Amount \$10,000,000

**Presented By: Advanced Markets** 

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

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 ~~

**Illustration Assumptions** 

Valued Client Male - 55 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Valued Client

Female - 51 - Preferred NonSmoker

**Initial Assumed Status: Bronze** 

Initial Death Benefit \$10,000,000

**Presented By: Advanced Markets** 

Initial Planned Premium: \$112,101.00 / Billing Mode: Annual **Death Benefit Option 1; Cash Value Accumulation Test** 

State: Massachusetts

Face Amount \$10,000,000

## **Product & Concept**

Split Dollar - Private Concept Approved in Massachusetts **Product Type** All Products Product Protection SIUL 22

**Concept Design** 

**Economic Benefit Rate Table** Table 2001-Alt Term @1st Death

Death Year (Mortality) Life 1 Life Expectancy Death Year (Mortality) Life 2 Life Expectancy

Repayment During Lifetime Yes Repayment Year 15 Gifting Option None

Summary Year Life Expectancy

**Policy Design** 

**Insured Name** Valued Client

Sex Male 55 Issue Age / Birthdate

State Massachusetts

Risk Class Preferred NonSmoker

Vitality PLUS Rider Yes Assumed Vitality PLUS Status **Bronze Total Face Amount** 10,000,000 **Death Benefit Option** Option 1 Premium Schedule Solve 1 10 **Premium Duration** 10 Yes

LifeTrack Billing Premium Mode Annual **Endow Target Cash Value Target Year** Lifetime

Agent Name **Advanced Markets** Valued Client Insured 2 Insured Name

Insured 2 Sex Female 51 Insured 2 Issue Age / Birthdate

Insured 2 Risk Class Preferred NonSmoker

Insured 2 Assumed Vitality PLUS Status **Bronze** 

**Policy Allocation** 

Allocation Option Custom Allocation and Rate

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

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

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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: Advanced Markets

Valued Client

Male - 55 - Preferred NonSmoker

Initial Death Benefit \$10,000,000

Face Amount \$10,000,000

Initial Assumed Status: Bronze

Valued Client

Death Benefit Option 1; Cash Value Accumulation Test

Female - 51 - Preferred NonSmoker

State: Massachusetts

**Initial Assumed Status: Bronze** 

miliai / locamoa Glatao: Bi onzo	
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%

## **Policy Options**

Fixed Rate Allocation

Estimated Policy Issue Date Today + 1 Month

0%

Charges Current
Lump Sum Month Year 1 1
Lump Sum Month Years 2+ 1

MEC Testing Avoid 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 3.50%

#### **Optional Reports**

Optional Presentations Split Dollar - Private

Summary Year 20
Optional Reports Yes
Input Summary Yes
Internal Rate Of Return Yes
Vitality PLUS Presentation Yes

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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			
OWNER(S) - Complete inform	nation only if Owner(s) is other than Pr	oposed 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 Seri	al Number:
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# **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 N	No. 1:	
Healthy Engagement Rider Status of the Life Insured N	lo. 2:	

## OWNER(S) ACKNOWLEDGEMENT AND AUTHORIZATION

LifeTrack Serial Number:

#### 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
X
Signature of Owner (Provide title or corporate seal, if signing officer)
X
Print name of Owner
X
Signature of Owner (Provide title or corporate seal, if signing officer)
X
Print name of Owner
AGENT/REGISTERED REPRESENTATIVE SIGNATURE
I certify that I have reviewed with the Owner the objectives for the policy.
x
Signature of Agent/Registered Representative
Signed this date