NLV Financial Corporation and Subsidiaries

Annual Performance Review and Consolidated Financial Statements

As of and for the Years Ended December 31, 2020 and 2019

GENERAL DISCUSSION OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

About the Company

NLV Financial Corporation ("NLVF") through its subsidiaries (collectively, the "Company", "we", "our") offer a broad range of life insurance and annuity products through its insurance operations, which include National Life Insurance Company ("NLIC"), a Vermont-domiciled life insurer, and Life Insurance Company of the Southwest ("LSW"), a Texas-domiciled life insurer. Together with their affiliates, NLIC and LSW operate as a unified organization under the trade name of National Life Group.

National Life Group's leading life insurance product lines include indexed universal life, whole life, term life, and universal life. We offer a wide array of options and riders in connection with these policies to provide additional features such as accelerated benefits, waiver of premium, accidental death benefits, paid up additions, supplemental term insurance and lifetime income.

National Life Group's leading annuity product lines are indexed annuities and fixed interest rate annuities. We offer a guaranteed lifetime income rider on our indexed annuity products, which allows the contract holder the option to elect a guaranteed annual income that is fixed and will continue for the remaining life of the contract holder, even if the annuity's account value reaches zero. National Life Group also offers variable annuities, but does not offer, and has never offered, guaranteed minimum withdrawal, accumulation or income benefits on our variable annuities. A return of premium guaranteed minimum death benefit is the only guarantee currently offered on our variable annuity products.

For indexed life and annuity products, indexed interest, if any, is credited based on the change in an equity index over a specified period, subject to a cap rate, a participation rate and a floor of zero percent. Indexed products also offer the contract holder the option of selecting a guaranteed fixed interest rate instead of indexed interest.

Distribution

National Life Group provides a broad range of life insurance and annuity products to a national client base, primarily through an extensive network of independent agents and affiliated agents. We focus on serving Middle America in our target market of customers with household income of between \$75,000 and \$150,000, offering products with benefits that help Middle America customers meet needs during their lifetime, including lifetime income in retirement and accelerated death benefits if the insured becomes terminally, chronically or critically ill. In our individual annuity business, we focus on the 403(b) K-12 educator market. National Life Group also offers products to meet financial and business planning needs including estate, business succession and retirement planning, and deferred compensation and other key executive benefit planning for small business owners, professionals, and other middle to upper income individuals. We market and distribute our products throughout the United States through two principal channels: Affiliated Partner and Independent:

- **Affiliated Partner** is an evolution of the traditional "career" channel, and includes producing and general agents who specialize in selling products to the middle and emerging affluent markets, professionals, business owners and other individuals for financial and business planning purposes.
- Independent consists of agents who primarily offer life insurance and annuity products to the middle and emerging affluent markets, for purposes of providing for the financial consequences of specific life events, such as death, retirement, and chronic or long-term illness. While the agents have access to all products, certain agents sell life insurance and annuity products with an emphasis on the 403(b) qualified tax deferred retirement savings market for individuals employed by public schools.

Organization

National Life Insurance Company was established in Vermont in 1848. In 1999, NLIC reorganized from a mutual to a stock insurance company as part of a reorganization into a mutual insurance holding company structure in order, among other things, to compete more effectively, have a more flexible and cost-effective capital structure, and be part of an enterprise which is better positioned to make strategic acquisitions. Concurrent with the reorganization into a mutual insurance holding company structure, NLIC created a closed block for the benefit of holders of certain of NLIC's individual participating life insurance and annuity policies ("the Closed Block"). The Closed Block is designed to give reasonable assurance to owners of policies in the Closed Block that assets will be available to provide for payment of policy benefits, including the continuation of dividends.

National Life Holding Company, a Vermont mutual insurance holding company, owns 100% of the outstanding common stock of NLVF, an intermediate stock insurance holding company incorporated under the laws of the state of Delaware. NLVF directly owns 100% of the outstanding common stock of NLIC, Sentinel Asset Management, Inc. ("Sentinel Investments"), Equity Services, Inc. ("ESI"), Catamount Reinsurance Company ("Catamount"), Longhorn Reinsurance Company ("Longhorn"), and certain other subsidiaries, and indirectly owns 100% of the outstanding common stock of Life Insurance Company of the Southwest, which is wholly owned by NLIC. NLVF indirectly owns National Life Distribution, LLC ("NLD"), whose sole member is LSW.

Non-GAAP Measures

The discussion herein, unless otherwise noted, is prepared in conformity with accounting principles generally accepted in the United States of America ("GAAP"). In addition to net income, we use pre-tax operating income and core earnings, which are both pre-tax, non-GAAP financial measures, to evaluate our financial performance. Pre-tax operating income excludes income taxes and net investment gains (losses). It also excludes the portion of amortization of deferred policy acquisition costs ("DAC") and deferred sales inducements, and policyholder dividend obligations, that are related to net investment gains (losses).

Core earnings equal pre-tax operating income after excluding volatility caused by the periodic fair value measurement of certain liabilities for indexed life and annuity products, and the related impact to DAC and deferred sales inducements. Significant short-term income volatility may result from the measurement of these indexed product liabilities under GAAP, because they are sensitive to movements in equity market indexes and future interest rate assumptions. We exclude such volatility from core earnings.

Core earnings is a useful measure for the Company to analyze our results and trends because it excludes such short-term volatility and is more consistent with the economics and long-term performance of our indexed products. On a non-GAAP core earnings basis, we also exclude from revenues any investment income (losses) from derivative instruments that economically hedge our indexed product liabilities; instead, those hedging results are presented within interest credited to policyholder account liabilities. We believe the combined presentation and discussion of pre-tax operating income, core earnings, and net income provides information that will enhance readers' understanding of our underlying results, operating trends and profitability.

A reconciliation of total revenues on a GAAP basis to total revenues on a core earnings basis is presented below:

	For the Year Ended December 31,				
		2020		2019	
)			
Total revenues Net investment losses Net investment gains from	\$	2,573,387 20,362	\$	2,772,100 38,858	
derivatives that hedge equity indexed products, which is included in interest credited to policyholder liabilities on a					
core earnings basis		(171,922)		(476,800)	
Total revenues on a core earnings basis	\$	2,421,827	\$	2,334,158	

A reconciliation of net income to non-GAAP pre-tax operating income and core earnings is presented below:

	For the Year Ended December 31,				
	2020			2019	
		(in tho	usands)		
Net income	\$	193,635	\$	223,543	
Net investment losses		20,362		38,858	
Amortization of DAC and sales					
inducements, and policyholder dividend obligations, and other					
adjustments related to net investment gains and losses		(1,596)		(501)	
Income tax expense		15,244		56,501 [°]	
Pre-tax operating income		227,645		318,401	
Non-core losses (earnings), primarily					
volatility resulting from the measurement of indexed product					
liabilities		61,344		(32,950)	
Core earnings	\$	288,989	\$	285,451	

ANNUAL FINANCIAL PERFORMANCE REVIEW

This annual financial performance review provides an overview of the Company's results of operations and financial position as of and for the years ended December 31, 2020 and 2019, and, where applicable, factors that may affect the Company's future financial performance. This review should be read in conjunction with the Consolidated Financial Statements and Notes to Consolidated Financial Statements as of and for the years ended December 31, 2020 and 2019, which have been audited by PricewaterhouseCoopers LLP.

On March 11, 2020, the World Health Organization declared COVID-19 a pandemic, and national governments have implemented a range of policies and actions to combat it. The Company's results in 2020 include the impact of slightly elevated mortality experience, as discussed below, but the full extent of the impact of COVID-19 on world economics and the Company are highly uncertain and cannot be predicted at this time. The pandemic may continue to cause significant volatility in global financial markets, disruptions to commerce and reduced economic activity, which have the potential to materially and adversely affect the Company's cash flows, the value and liquidity of its invested assets, and its mortality and/or morbidity experience.

On March 17, 2020, the Company transitioned the majority of its operations to a work-from-home environment, and acted quickly to enhance its digital capabilities, adapting tools and processes to better enable remote sales and interactions. The Company continues to be proactive in communicating with its distribution partners, providing information and education on strategies to support customer engagement. As a result, life sales and application volumes have remained within expectations, although annuity sales will continue to face challenges from the extraordinarily low rate environment and reduced access to teachers. The Company's liquidity, invested asset quality, and capital position remained strong as of December 31, 2020.

The Company's universal life, indexed universal life, and annuity products generate revenues through investment income and policy and contract charges that are earned during the life of the contracts. On a GAAP basis, revenues from net investment income include changes in the fair value of derivative instruments that economically hedge our indexed life and annuity products, primarily options and futures. Whole and term life insurance products generate primarily premium revenues. The decrease in the Company's total revenues on a GAAP basis was primarily driven by lower market value gains on derivative instruments of \$172 million in 2020, compared to derivative gains of \$477 million in 2019. The lower derivative gains in 2020 reflected a significant decrease in equity market values in the first quarter, partially offset by the equity market recovery during the remainder of 2020. On a core earnings basis, which excludes from revenue such derivative gains (losses) as well as net investment gains (losses), the Company's total revenues were up 4% in 2020. These increases were driven by strong growth in the life insurance business, including increases in premium revenues of 13% and policy and contract charges of 12% in 2020 compared to 2019, which were partially offset by lower net investment income.

Net income was \$194 million in 2020 compared to \$224 million in 2019. The impact of the update of actuarial assumptions, which are reviewed annually, was a net positive adjustment to net income of \$22 million in 2020, compared to a net negative adjustment to net income of \$19 million in 2019.

After excluding the impact of assumption updates in both years, net income decreased approximately \$71 million in 2020 compared to 2019, primarily due to negative non-core earnings of \$60 million in 2020, which reflected the impact of lower interest rates and equity market volatility on the fair value of liabilities for indexed products. Non-core earnings of \$32 million were positive in 2019. The decrease in non-core earnings was partially offset by a \$41 million decrease in income tax expense, due in part to a tax benefit of \$25 million recognized in 2020 as a result of loss carrybacks available under the Coronavirus Aid, Relief, and Economic Security Act ("CARES Act").

Core earnings of \$289 million in 2020 were up from \$285 million in 2019. The impact of actuarial assumption updates was a net positive adjustment to core earnings of \$18 million in 2020, compared to a net negative adjustment to core earnings of \$5 million in 2019. The actuarial assumption updates in 2020 included a net reduction in reserves related to guaranteed lifetime income riders ("GLIR"), primarily due to lowering future benefit roll-up rates for in-force annuities in the low interest rate environment, partially offset by other refinements to the GLIR reserve assumptions.

After excluding the impact of assumption updates in both years, core earnings in 2020 decreased approximately \$19 million compared to 2019. This decrease included lower investment income from partnerships and mortgage loan prepayments, and higher mortality, which was due in part to COVID-19 claims. These decreases were partially offset by growth in policy and contract charge revenues from our indexed universal life business, and by lower operating expenses in 2020 due to a significant decrease in all categories of spending, including personnel, conferences, travel, technology and consulting. Excluding the partnership portfolio, which had strong performance in 2020 but below the extremely strong returns of 2019, core earnings from our Life and Annuity businesses and FHLB funding agreement program were collectively up 6%, showing resilience and growth despite the significant challenges of 2020.

Each of the components of core earnings and the factors that contributed to the changes for the years ended December 31, 2020 and 2019 are described in detail below.

For the Vear Ended

	For the Year Ended December 31,				
		2020		2019	
		(in tho	usands	s)	
Revenues:					
Insurance premiums	\$	263,500	\$	233,256	
Policy and contract charges		847,675		759,027	
Commissions, fees and					
other income		67,556		77,815	
Net investment income		1,243,096		1,264,060	
Total revenues, on a core					
earnings basis		2,421,827		2,334,158	
Benefits and expenses:					
Decrease in policy liabilities		(47,960)		(12,695)	
Policy benefits		639,004		486,940	
Policyholders' dividends and					
dividend obligations		22,662		46,032	
Interest credited to policyholder		,		·	
account liabilities		700,342		721,993	
Operating expenses		352,085		359,056	
Interest expense		65,701		63,360	
Policy acquisition expenses		401,004		384,021	
Total benefits and expenses, on a		101,001			
core earnings basis		2,132,838		2,048,707	
Core earnings	\$	288,989	\$	285,451	

Insurance Premiums

Insurance premiums include considerations on traditional whole, term life insurance and disability income contracts. Insurance premiums do not include deposits received for investment-type products such as fixed interest annuities, indexed annuities and universal life policies, which comprise the majority of our new sales. Annuity products earn a net spread between net investment income on assets that support the policies and expenses for interest credited to policyholders. Revenue from universal life products is primarily reflected in policy and contract charges.

Insurance premiums increased to \$264 million in 2020 from \$233 million in 2019. This increase was driven by higher term life product sales in 2020.

Policy and Contract Charges

Policy and contract charges include fees charged on indexed universal life products, variable annuities, premium loads, cost of insurance charges, surrender charges and rider charges. Policy and contract charges increased \$89 million, or 12%, to \$848 million in 2020 from \$759 million in 2019. This increase was driven by growth in overall account value, primarily our indexed universal life products, as well as higher surrender charge revenues for both indexed universal life products and equity indexed annuity products. Surrender charge revenues for annuities were partially offset by market value adjustment expense, which is reported in other income (losses).

Commissions, Fees and Other Income (Losses)

Commissions consist of dealer concessions earned by the Company's affiliated broker-dealer, Equity Services, Inc. Other income (losses) include revenues from reinsurance, change in cash surrender value of corporate owned life insurance ("COLI") and miscellaneous fee income. Revenues from commissions, fees and other income decreased to \$68 million in 2020 from \$78 million in 2019, primarily due to market value adjustment expense on certain indexed annuities surrendered prior to maturity, and a decrease in reinsurance related revenue.

Net Investment Income

Net investment income represents interest income on our portfolio of bonds, mortgage loans, contract loans and short-term investments, as well as amortization of premium or accretion of discount on bonds, dividends from preferred and common stock, partnership income, and income (losses) from derivative instruments. On a non-GAAP core earnings basis, we exclude from net investment income any income (losses) from derivative instruments that economically hedge our indexed product liabilities; instead, those hedging results are presented within interest credited to policyholder account liabilities. Net investment income on a core earnings basis decreased \$21 million to \$1.2 billion in 2020 from \$1.3 billion in 2019. This decrease reflected lower mortgage loan prepayments, and lower partnership income compared to 2019, which included very strong performance. These variances were partially offset by a \$4 million or 12% decrease in investment expenses due to reductions in headcount and other spending.

The table below provides a breakdown of the components of net investment income on a core earnings basis, which excludes income on options that economically hedge our indexed products:

	For the Year Ended December 31,				
		2020		2019	
		(in tho	usands)		
Net investment income					
Debt securities	\$	982,774	\$	980,809	
Equity securities		8,838		5,954	
Mortgage loans		158,657		168,170	
Policy loans		43,786		44,644	
Real estate		3,714		3,342	
Derivatives		(2,335)		3,111	
Partnerships		77,137		86,536	
Other investment income		982		6,080	
Gross investment income		1,273,553		1,298,646	
Less: Investment expenses		(30,457)		(34,586)	
Net investment income on a core earnings basis	\$	1,243,096	\$	1,264,060	

Increase (Decrease) in Policy Liabilities

The increase (decrease) in policy liabilities reflects changes in the product liability reserves for whole and term life insurance, disability income insurance and changes in additional reserves held on certain annuities. The change in policy liabilities was a net decrease of \$48 million in 2020 compared to a net decrease of \$13 million in 2019. The larger net decrease in 2020 was primarily due to more reserves released by death claims, including large whole life policies within the Closed Block (largely offset in policy benefit expense) partially offset by higher term life reserves established in 2020.

Policy Benefits

Policy benefits include death benefits for life insurance policies, policy surrenders for whole life policies and disability income benefits. In addition, policy benefits include a small amount of miscellaneous benefits such as payments on life-contingent immediate annuities and premium waiver benefits due to disability. Policy benefits increased \$152 million to \$639 million in 2020 from \$487 million in 2019. This increase was primarily due to less favorable mortality experience, elevated by COVID-19 and some large case claims in 2020.

Policyholders' Dividends and Dividend Obligations

Policyholders' dividends consist of the pro rata amount of dividends earned that will be paid or credited at the next policy anniversary and policyholder dividend obligations ("PDO") primarily arising from the Closed Block. Dividends are based on a scale that is designed to reflect the relative contribution of each group of policies to the Company's overall operating results. The dividend scales are approved annually by the Company's Board of Directors. For the non-GAAP measure of core earnings, policyholders' dividends and dividend obligations exclude amounts related to current year net investment gains (losses). Policyholders' dividends and dividend obligations included in core earnings decreased \$23 million in 2020 from 2019. This decrease was due to a decrease in the PDO liability, driven by lower investment income and higher mortality in the Closed Block, partially offset by lower dividends paid in 2020.

Interest Credited to Policyholder Account Liabilities

Interest credited to policyholder account liabilities represents amounts credited to universal life insurance, fixed deferred annuities and indexed products, as well as the change in reserves related to guaranteed lifetime income riders ("GLIR") and the amortization of sales inducements. For the non-GAAP presentation of core

earnings, interest credited also includes income (losses) on options that economically hedge our indexed products. Core interest credited decreased \$22 million to \$700 million in 2020 from \$722 million in 2019. This decrease reflected a larger impact from actuarial assumption updates in 2020. The actuarial assumption updates in 2020 included a net reduction in reserves for GLIR of approximately \$22 million, primarily related to lowering future benefit roll-up rates for in-force annuities due to the low interest rate environment, which reduced interest credited expense. The actuarial assumption updates in 2019 increased core interest credited by approximately \$7 million.

Operating Expenses

Operating expenses consist primarily of administrative, maintenance and operational expenses related to servicing the Company's business. Operating expenses were \$352 million in 2020 compared to \$359 million in 2019. Operating expenses in 2020 included lower spending across all categories including personnel, conferences, travel, technology and consulting. On June 24, 2020, the Company announced a reduction in workforce of 95 positions in response to the economic downturn caused by the COVID-19 pandemic. The net change in certain defined contribution deferred compensation liabilities reported in operating expenses is largely offset by changes in the fair value of certain equity investments, which are reported within net investment income (loss). After experiencing volatility in the interim periods of 2020, deferred compensation expense decreased less than \$1 million compared to 2019. Excluding the change in deferred compensation costs, operating expenses decreased approximately 2% from 2019, as the reduction in spending was largely offset by lower expense deferrals and higher premium taxes.

Interest Expense

Interest expense consists of interest paid on the Company's surplus notes and senior notes. Interest expense totaled \$66 million in 2020 compared to \$63 million in 2019. The increase in 2020 was due to a full year of interest expense on \$128 million of 5.25% surplus notes due 2068 that were issued by NLIC in April 2019.

Policy Acquisition Expenses

Policy acquisition expenses include commissions and other costs related to the acquisition of new or renewal life and annuity business, as well as amortization of previously deferred acquisition costs. Commissions and other costs that are directly related to the successful acquisition of new or renewal insurance contracts are eligible to be deferred under GAAP. DAC for participating life insurance, universal life insurance, and annuities is amortized and recognized in income in relation to future estimated gross profits. DAC for non-participating term and whole life insurance and participating limited-payment and single-payment life insurance is amortized and recognized in relation to premium income. Policy acquisition expenses are reported net of amounts deferred in the current year and include the amortization of DAC.

For the non-GAAP presentation of core earnings, policy acquisition expenses exclude amortization of DAC related to net investment gains (losses) on assets that support policy reserves, and amortization of DAC related to non-core earnings. Policy acquisition expenses for the life and annuity businesses included in core earnings were \$401 million in 2020, up from \$384 million in 2019. This increase was primarily attributable to higher amortization expense driven by an increased volume of indexed universal life and annuity products as well as the impact of actuarial assumption updates.

The actuarial assumption updates included in core amortization expense in 2020 included an increase of approximately \$8 million, chiefly due to an assumption of elevated mortality in 2021 related to COVID-19. The actuarial assumption updates in 2019 included an increase in amortization of approximately \$2 million, due to changes to spread assumptions partially offset by favorable mortality. As a result, the year over year change due to the impact of actuarial assumption updates was a \$6 million increase in amortization expense in 2020 compared to the prior year.

Net Investment Gains (Losses)

The Company recorded net investment losses of \$20 million in 2020 compared to net investment losses of \$39 million in 2019. Changes in the fair value of partnerships not accounted for using the equity method (based on the Company's level of ownership and influence) are recorded within net investment losses. Net investment losses in 2020 also included impairments on debt securities of \$23 million compared to \$31 million in 2019. The non-GAAP measure of pre-tax operating income excludes net investment gains (losses) and is also adjusted to exclude amortization of DAC and sales inducements, and policyholder dividend obligations, that are related to net investment gains (losses) (see "Non-GAAP Measures," above).

Details of net investment gains (losses) by asset category are provided in the table below:

	Por the Year Ended December 31,			
		2020		2019
		(in tho	usands)	
Net investment gains (losses) on:				
Debt securities	\$	(16,446)	\$	(16,050)
Equity securities		6,250		6,760
Mortgage loans		(2,501)		(787)
Partnerships		(7,702)		(19,449)
Other invested assets		37		(5,756)
Real estate		_		(102)
Debt retirement		_		(688)
Impairment of capitalized software		_		(2,786)
Net investment losses	\$	(20,362)	\$	(38,858)

Federal Income Taxes

Federal income tax expense in 2020 was \$15 million compared to \$57 million in 2019. The Company's lower tax expense in 2020 was primarily due to a one-time tax benefit of \$25 million from the Company's ability to carry back its 2018 net operating loss to prior tax years, as a result of the CARES Act legislation enacted on March 27, 2020.

Non-Core Earnings

Non-core earnings primarily include short-term income volatility that results from the fair value measurement under GAAP of certain indexed product liabilities, which are sensitive to movement in equity market indexes and future interest rate assumptions, and the related impact to DAC and deferred sales inducements. Non-core earnings reduced pre-tax operating earnings by \$60 million in 2020 and contributed \$33 million of positive non-core earnings to pre-tax operating earnings in 2019. The losses (negative non-core earnings) were primarily due to significant equity market volatility and lower interest rate assumptions in 2020, partially offset by a \$4 million positive impact to non-core earnings from actuarial assumption updates. The positive non-core earnings in 2019 reflected positive movement in the equity markets, which rebounded in the first quarter of 2019 after the volatility and decline in the fourth quarter of 2018, partially offset by a \$14 million negative impact to non-core earnings from actuarial assumption updates.

SUMMARY OF FINANCIAL POSITION

Balance Sheet Information

The Company's investment objective is to keep its promises to policyholders by earning competitive net investment income within prudent and strategic asset allocation, asset liability management, and risk management frameworks. This includes portfolio and issuer diversification and careful consideration of various scenarios including interest rate, credit, and liquidity risks through market cycles. The Company's investment portfolio consists primarily of available-for-sale debt and equity securities, agency mortgage-backed securities, directly underwritten commercial real estate mortgages and contract loans.

As of December 31, 2020, total assets were \$40.4 billion, primarily attributable to investments that support life insurance policy and annuity contracts with more than 1,000,000 customers. Cash and investments increased \$4.6 billion from December 31, 2019, which included a \$1.5 billion increase in the fair value of derivative assets, primarily equity index options used to hedge our indexed product liabilities, and a \$1.4 billion increase in net unrealized gains on available-for-sale debt securities. After excluding derivative assets and net unrealized gains and losses, total cash and invested assets as of December 31, 2020 were \$30.4 billion compared to \$28.8 billion at December 31, 2019, including an increase in available-for-sale debt securities of \$1.2 billion, driven by cash flows from our growing life and annuity business. The remainder of the portfolio consists primarily of commercial mortgage loans, partnerships and other invested assets, cash, trading debt securities, equity securities, policy loans, and other short-term investments.

Total liabilities as of December 31, 2020 were \$35.9 billion, compared to \$32.1 billion as of December 31, 2019. The increase of \$1.9 billion in 2020 was primarily due to increases in policyholder account liabilities and derivative liabilities.

We evaluate our capital adequacy based on internally-defined risk tolerances, regulatory requirements, rating agency and creditor expectations and business needs. We regularly evaluate the impact on our capital of potential macroeconomic, financial and insurance stresses. We believe that our capital resources are sufficient to satisfy future requirements and meet our obligations to policyholders, creditors and debt-holders, including those arising from reasonably foreseeable contingencies or events.

The following table provides a summary of the Company's consolidated balance sheet data:

	Dec	As of ember 31, 2020 (in the	As of December 31, 2019		
Assets:		•	•	,	
Cash and investments	\$	36,498,078	\$	31,849,806	
Other general account assets		2,881,546		3,034,511	
Separate account assets		972,069		881,791	
Total assets	\$	40,351,693	\$	35,766,108	
Liabilities and Stockholder's Equity:					
Total liabilities		35,923,359		32,119,741	
Stockholder's Equity:					
Retained earnings		3,204,917		3,011,282	
Accumulated other comprehensive income		1,223,417		635,085	
Total stockholder's equity		4,428,334		3,646,367	
Total liabilities and stockholder's equity	\$	40,351,693	\$	35,766,108	

Cash Flow and Liquidity Information

Cash and restricted cash was \$648 million at December 31, 2020, compared to \$453 million at December 31, 2019. The increase was primarily due to lower cash used in investing activities. In addition to liquidity sourced from cash flows including premiums, deposits, investment income and maturities, the Company has access to secured asset-based borrowing capacity through membership in the Federal Home Loan Banks of Boston and Dallas. The Company evaluates liquidity risk quarterly by projecting cash flows under a stress scenario to ensure that there is sufficient liquidity to meet operating demands and objectives over a 36-month period, without consideration of mitigating actions such as the liquidation of investment holdings and changes in our investment strategy and product offerings.

The following table includes the Company's consolidated cash flows provided by or used in operating, investing, and financing activities:

	For the Year Ended December 31,				
	'	2020		2019	
)			
Net cash (used) provided by operating activities	\$	(95,097)	\$	62,807	
Net cash used in investing activities		(1,335,381)		(1,864,979)	
Net cash provided by financing activities		1,625,879		2,097,661	
Net increase in cash and restricted cash	\$	195,401	\$	295,489	

Net cash used by operating activities was \$95 million in 2020, compared to \$63 million net cash provided by operating activities in 2019. The increase in cash used by operating activities compared to the prior year was primarily due to changes in other assets and liabilities resulting from income tax activity and lower accrued expenses in 2020.

Net cash used in investing activities was \$1.3 billion in 2020, compared to \$1.9 billion in 2019. The decrease in cash used in investing activities was primarily due to increased proceeds from sales, maturities and repayments of investments and decreased cost of investments acquired, partially offset by an increase in short-term investments compared to 2019.

Net cash provided by financing activities was \$1.6 billion in 2020, compared to \$2.1 billion in 2019. The decrease in net cash provided by financing activities was primarily due to lower net issuances of Federal Home Loan Bank ("FHLB") funding agreements. FHLB net issuances (net of repayments) were \$92 million in 2020, compared to \$324 million in 2019. FHLB activity is managed opportunistically, so the volume of funding agreements issued depends on pricing and the availability of desirable assets to support these liabilities. A \$104 million decrease in policyholder deposits, net of withdrawals, primarily due to lower sales of single premium annuities, also contributed to the decrease in cash provided by financing activities.

Other Selected Data

		As of ber 31, 2020		As of ber 31, 2019	Change
			(in bi	illions)	
Life insurance in force (before reinsurance ceded)	\$	214.7	\$	173.3	\$ 41.4
Total cash and invested assets (excluding unrealized gains and losses and derivatives)	\$	30.4	\$	28.8	\$ 1.6
		For the Y	ear Ende	d	
	Decem	ber 31, 2020	Decem	ber 31, 2019	Change
Weighted New Annualized Premium ("WNAP")					_
<u>Sales</u>			(in m	illions)	
Life	\$	354	\$	361	\$ (7)
Annuity		249		290	(41)
Total Life and Annuity WNAP	\$	603	\$	651	\$ (48)

Life WNAP sales were slightly lower in 2020 compared to a very strong year in 2019, but sales and application volumes remained healthy despite the economic slowdown and the transition by our distributors to doing business virtually. Annuity sales are expected to continue to be challenged by the very low interest rate environment and reduced access to K-12 teachers in schools during the pandemic.

PROSPECTIVE INFORMATION

Forward-looking statements contained herein are not guarantees of future performance and involve risks and uncertainties. Actual results may differ materially from those in the forward-looking statements as a result of various factors. The following uncertainties, among others, may have such an effect:

- Difficult conditions in the global capital markets and the economy;
- Significant market valuation fluctuations of the Company's investments, including any that are relatively illiquid;
- Differing interpretations in the methodologies, estimations and assumptions for the valuation of fixed maturity, equity and trading securities;
- Subjectivity in determining the amount of allowances and impairments taken on certain Company investments;
- Defaults on commercial mortgages held by the Company and volatilities in performance;
- Exposure to structured finance securities;
- Exposure to alternative investments;
- · Exposure to mortgage-backed securities;
- Impairments of other institutions;
- Changes in interest rates and exposure to credit spreads;
- Effectiveness of the Company's hedging strategies and availability of hedging instruments;
- Impact of economic conditions on customers and vendors;
- Downgrades or potential downgrades in the Company's ratings;
- Changes in accounting rules;
- Adverse regulatory and legislative developments;
- Litigation and regulatory investigations;
- Changes in tax laws and the interpretation thereof;
- Inability to pay guaranteed policy benefits;
- Effectiveness of the Company's risk management policies and procedures;
- Lack of available, affordable or adequate reinsurance;
- Failure of counterparties to perform under reinsurance agreements, hedging instruments, or other contracts with the Company;
- Significant competition in the Company's businesses;

- Sensitivity of the amount of statutory capital the Company must hold to factors outside of its control;
- Adequacy of the Company's reserves for future policy benefits and claims;
- Deviations from assumptions regarding future mortality, morbidity, and interest rates used in calculating reserve amounts and pricing the Company's products;
- Ability to attract and retain producing agents and key personnel;
- Ability to raise additional capital;
- Costs related to future pension obligations;
- Impact of international tension between the United States and other nations, terrorist attacks or ongoing military and other actions;
- Pandemics or other catastrophic events; and
- A computer system failure or security breach.

Consequently, such forward-looking statements should be regarded solely as our current plans, estimates, and beliefs. We do not intend, and do not undertake, any obligation to update any forward-looking statements to reflect future events or circumstances after the date of such statements.

Our goals over the next several years include continued responsible growth across all of our product lines, as well as improving the efficiency and effectiveness of the overall organization. The Company will continue to deliver new and innovative products and riders, and partner with distributors who share our mission, values, and purpose. We will also continue to invest in our technology infrastructure to improve services for all our key stakeholders.

We will continue to manage our investment portfolio with the objective of competitive net investment income within prudent strategic asset allocation, asset liability management, and risk management frameworks.

Basis of Presentation and Principles of Consolidation

The following consolidated financial statements of NLVF have been prepared in conformity with GAAP. These financial statements should be read in conjunction with and are qualified in their entirety by reference to the Company's consolidated financial statements as of and for the years ended December 31, 2020 and 2019, which have been audited by PricewaterhouseCoopers LLP, including the accompanying notes which are an integral part of the audited financial statements. The preparation of financial statements in conformity with GAAP requires the Company to make estimates and assumptions that affect the reported amounts and related disclosures. Actual results could differ, possibly materially, from those estimates.

The consolidated financial statements of the Company include the accounts of NLVF and its direct and indirect subsidiaries. Intercompany transactions and balances have been eliminated in consolidation.

Certain reclassifications have been made to conform prior periods to the current year's presentation.

NLV Financial Corporation and Subsidiaries

Financial Statements

As of and for the Years Ended December 31, 2020 and 2019

NLV Financial Corporation and Subsidiaries Index

December 31, 2020 and 2019

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Report of Independent Auditors

To the Board of Directors of NLV Financial Corporation

We have audited the accompanying consolidated financial statements of NLV Financial Corporation and its subsidiaries, which comprise the consolidated balance sheets as of December 31, 2020 and 2019, and the related consolidated statements of comprehensive income, of changes in stockholder's equity and of cash flows for the years then ended.

Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on the consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the Company's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of NLV Financial Corporation and its subsidiaries as of December 31, 2020 and 2019, and the results of their operations and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

February 23, 2021

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NLV Financial Corporation and Subsidiaries Consolidated Balance Sheets As of December 31, 2020 and 2019

(in thousands)	2020	2019
Assets:		
Cash and investments: Available-for-sale debt securities	\$ 26,310,762	\$ 23,700,099
Equity securities	59,613	62,882
Trading debt securities	199,551	136,630
Mortgage loans	3,977,987	3,718,391
Policy loans	952,664	959,969
Real estate investments	11,185	11,806
Derivative assets	2,932,583	1,409,070
Other invested assets	1,193,307	1,236,434
Short term investments	211,950	161,450
Cash and restricted cash	648,476	453,075
Total cash and investments	36,498,078	31,849,806
Deferred policy acquisition costs	1,648,380	1,856,701
Accrued investment income	250,172	248,668
Premiums and fees receivable	18,129	22,109
Amounts recoverable from reinsurers	120,646	108,588
Property and equipment, net	173,483	173,100
Corporate owned life insurance	521,126	507,237
Federal income tax recoverable	11,805	_
Other assets	137,805	118,108
Separate account assets	972,069	881,791
Total assets	\$ 40,351,693	\$ 35,766,108
Liabilities: Policy liabilities: Policy benefit liabilities	\$ 4,281,938	\$ 4,255,302
Policyholder account liabilities	25,379,924	23,565,407
Policyholders' deposits	97,555	99,692
Policy claims payable	128,760	76,447
Policyholders' dividends and dividend obligations	365,605	233,491
Total policy liabilities	30,253,782	28,230,339
Amounts payable to reinsurers	36,376	36,509
Derivative liabilities	2,294,713	881,670
Other liabilities and accrued expenses	853,218	715,966
Pension and other post-retirement benefit obligations	196,846	165,753
Deferred income taxes	401,130	257,671
Federal income tax payable	_	35,362
Debt	915,225	914,680
Separate account liabilities	972,069	881,791
Total liabilities	\$ 35,923,359	\$ 32,119,741
Stockholder's equity: Class A common stock, 2,000 shares authorized, no shares issued and outstanding Class B common stock, par value of \$0.01, 1,001 shares authorized, 100 shares	\$ —	\$ —
issued and outstanding	_	_
Preferred stock, 500 shares authorized, no shares issued and outstanding	_	_
Retained earnings	3,204,917	3,011,282
Accumulated other comprehensive income	1,223,417	635,085
Total stockholder's equity	\$ 4,428,334	\$ 3,646,367
Total liabilities and stockholder's equity	\$ 40,351,693	\$ 35,766,108

NLV Financial Corporation and Subsidiaries Consolidated Statements of Comprehensive Income For the Years Ended December 31, 2020 and 2019

(in thousands)		2020		2019
Revenues: Insurance premiums	\$	263,500	\$	233,256
Policy and contract charges	Ψ	847,675	Ψ	759,027
Commissions and fee income		54,362		53,230
Net investment income		1,415,018		1,740,859
Net investment losses		(20,362)		(38,858)
Other income		13,194		24,586
Total revenues		2,573,387		2,772,100
Benefits and expenses:				
Decrease in policy liabilities		(47,960)		(12,695)
Policy benefits		639,004		486,941
Policyholders' dividends and dividend obligations		21,888		46,499
Interest credited to policyholder account liabilities		873,937		1,082,820
Operating expenses		352,085		359,056
Interest expense		65,701		63,360
Policy acquisition expenses		459,853		466,075
Total benefits and expenses		2,364,508		2,492,056
Income before income taxes		208,879		280,044
Income tax expense		15,244		56,501
Net income	<u>\$</u>	193,635	\$	223,543
Other comprehensive income, net of tax:				704.000
Unrealized gains on available-for-sale investments		597,450		721,298
Cash flow hedge on debt issuance		41 (0.450)		41 (5.220)
Change in funded status of retirement plans		(9,159)		(5,329)
Total other comprehensive income	<u></u>	588,332	Φ	716,010
Comprehensive income	<u>\$</u>	781,967	\$	939,553

NLV Financial Corporation and Subsidiaries Consolidated Statements of Changes in Stockholder's Equity For the Years Ended December 31, 2020 and 2019

	-				Accumulated	
	Class A Common Stock	Class B Common Stock	Preferred Stock	Retained Earnings	Other Comprehensive Income	Total
(in thousands)						
December 31, 2018		_	_	2,741,935	(80,925)	2,661,010
Net income	_	_	_	223,543	_	223,543
Other comprehensive income Effect of implementation of	_	_	_	_	761,814	761,814
ASU 2016-01, net	_	_	_	45,804	(45,804)	_
Total comprehensive income					716,010	985,357
December 31, 2019	_	\$ —	\$ –	\$ 3,011,282	\$ 635,085	\$ 3,646,367
Net income	_	_	_	193,635	_	193,635
Other comprehensive income	_	_		· -	588,332	588,332
Total comprehensive income					588,332	781,967
December 31, 2020	<u>\$</u>	\$ —	\$ —	\$ 3,204,917	\$ 1,223,417	\$ 4,428,334

NLV Financial Corporation and Subsidiaries Consolidated Statements of Cash Flows For the Years Ended December 31, 2020 and 2019

(in thousands)		2020		2019
Cash flows from operating activities:	•	400.005	Φ.	000 540
Net income	\$	193,635	\$	223,543
Adjustments to reconcile net income to net cash provided by operating activities: Provision for deferred income taxes		(42.024)		(22.012)
Interest credited to policyholder account liabilities		(12,934) 873,937		(23,913) 1,082,820
Amortization of deferred policy acquisition costs		380,174		367,769
Policy and contract charges		(847,675)		(759,027)
Net investment losses		20,362		38,858
Change in fair value of derivatives		(175,474)		(479,925)
Change in corporate owned life insurance policies		(173,474)		(13,558)
Depreciation		35,379		30,849
Other		(16,616)		(963)
Changes in assets and liabilities:		(10,010)		(303)
Accrued investment income		(1,504)		(16,300)
Deferred policy acquisition costs		(601,893)		(595,010)
Policy liabilities		136,944		114,576
Other assets and liabilities		(65,543)		93,088
Net cash (used) provided by operating activities	_	(95,097)		62,807
Net easif (asea) provided by operating activities		(33,037)		02,007
Cash flows from investing activities:				
Proceeds from sales, maturities and repayments of investments		3,724,203		3,348,793
Cost of investments acquired		(5,188,942)		(5,431,743)
Property and equipment additions		(31,629)		(38,363)
Change in policy loans		7,305		(38,454)
Change in short term investments		(50,500)		103,300
Change in short term broker collateral		220,482		257,687
Other		(16,300)		(66,199)
Net cash used by investing activities	_	(1,335,381)		(1,864,979)
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Cash flows from financing activities:				
Policyholders' deposits		3,120,689		3,152,335
Policyholders' withdrawals		(1,580,163)		(1,507,400)
Advances from Federal Home Loan Banks		708,026		673,832
Repayments to Federal Home Loan Banks		(616,406)		(349,468)
Proceeds from debt issuance		_		124,518
Debt retirement		_		(1,921)
Change in other deposits		(6,267)		5,765
Net cash provided by financing activities		1,625,879		2,097,661
Net increase in cash		195,401		295,489
Cash and restricted cash:				
Beginning of year	_	453,075		157,586
End of year	<u>\$</u>	648,476	\$	453,075
Supplemental disclosure of cash flow information:	_		_	50 10=
Interest paid	\$	63,391	\$	58,197
Income taxes paid (received)	\$	47,553	\$	(4,876)

NOTE 1 - NATURE OF OPERATIONS AND STRUCTURE

NLV Financial Corporation ("NLVF") and its subsidiaries and affiliates (collectively, the "Company") offer a broad range of life insurance and annuity products. Through its insurance operations, which include National Life Insurance Company ("National Life"), which was chartered in Vermont in 1848, and Life Insurance Company of the Southwest ("LSW"), a Texas domiciled stock life insurer, which is a wholly-owned subsidiary of National Life. The Company employs approximately 1,160 people, primarily concentrated in Montpelier, Vermont and Addison, Texas.

On January 1, 1999, pursuant to a mutual holding company reorganization, National Life converted from a mutual to a stock life insurance company. Concurrent with the conversion to a stock life insurance company, National Life created a closed block of insurance and annuity policies (the "Closed Block"). Prior to the conversion, policyowners held policy contractual and membership rights from National Life. The reference to "policyowner," "policyholder" or "policy" throughout this document includes both life insurance and annuity contract owners. The contractual rights, as defined in the various insurance and annuity policies, remained with National Life after the conversion. This reorganization was approved by policyowners of National Life and was completed with the approval of the Commissioner of the Vermont Department of Financial Regulation. Membership interests held by policyowners of National Life at December 31, 1998, were converted to membership interests in National Life Holding Company ("NLHC"), a mutual insurance holding Company created for this purpose. Under the provisions of the reorganization of National Life from a mutual to a stock life insurance company, National Life issued 2.5 million common stock \$1 par shares to its parent, NLVF, as a transfer from retained earnings.

All of National Life's outstanding shares are currently held by its parent, NLVF, which is a wholly-owned subsidiary of NLHC, the mutual holding company. Policyholders of National Life hold membership interests in NLHC. NLHC and its subsidiaries are collectively known as the National Life Group. NLHC has ownership of all of NLVF's common stock class B shares outstanding. NLVF has assets and operations primarily related to the issuance of debt and as the sponsor of certain employee related benefit plans. Under the terms of the reorganization, NLHC must always hold a majority of the voting shares of NLVF.

On March 6, 2015, National Life Distribution, LLC ("NLD") was formed as a subsidiary of LSW. NLD serves as a master agency for the Company's field force operations. National Life and LSW incur commission expenses based on applicable product commission schedules agreed to with NLD.

On August 5, 2015, Catamount Reinsurance Company ("Catamount") was formed as a subsidiary of National Life. Catamount is a special purpose financial insurance company domiciled in the state of Vermont. Catamount entered into a coinsurance with funds withheld agreement with National Life to reinsure the majority of in force Closed Block policies for statutory reporting. In 2016, the Catamount legal entity was transferred as a dividend to NLVF.

On August 17, 2016, Longhorn Reinsurance Company ("Longhorn") was formed as a subsidiary of National Life. Longhorn is a special purpose financial insurance company domiciled in the state of Vermont. Longhorn entered into a coinsurance with funds withheld agreement with LSW to reinsure certain indexed universal life ("IUL") insurance policies issued by LSW from January 1, 2011 through December 31, 2016 for statutory reporting. In 2019, the Longhorn legal entity was transferred as a dividend to NLVF.

The Company's leading life insurance product lines include indexed universal life, whole life, term life, and universal life. The Company offers a wide array of options and riders in connection with these policies to provide additional features such as accelerated benefits, waiver of premium, accidental death benefits, paid up additions, supplemental term insurance and lifetime income.

The Company's leading annuity product lines are indexed annuities and fixed interest rate annuities. The

NOTE 1 – NATURE OF OPERATIONS AND STRUCTURE (continued)

Company offers a guaranteed lifetime income rider on our indexed annuity products, which allows the contract holder the option to elect a guaranteed annual income that is fixed and will continue for the remaining life of the contract holder, even if the annuity's account value reaches zero. The Company also offers variable annuities, but does not offer, and has never offered, guaranteed minimum withdrawal, accumulation or income benefits on our variable annuities. A return of premium guaranteed minimum death benefit is the only guarantee currently offered on our variable annuity products.

The Company provides this broad range of life insurance and annuity products to a national client base through an extensive network of independent agents and an affiliated distribution channel. The Company focuses on serving Middle America in its target market of customers with household income of between \$75,000 and \$150,000, offering products with benefits that help Middle America customers meet needs during their lifetime, including lifetime income in retirement and accelerated death benefits if the insured becomes terminally, chronically or critically ill. In its individual annuity business, the Company focuses on the 403(b) K-12 educator markets. The Company offers products to meet financial and business planning needs, including estate, business succession and retirement planning, and deferred compensation and other key executive benefit planning for small business owners, professionals, and other middle to upper income individuals. The Company has in excess of 1,000,000 customers and, through its subsidiaries, is licensed to do insurance business in all 50 states and the District of Columbia. National Life is licensed to do business in all 50 states and the District of Columbia. LSW is licensed in 49 states and the District of Columbia. Catamount and Longhorn are licensed to do business in Vermont only. About 41% of the Company's total collected premiums and deposits are from residents of the states of California and Texas.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation and Principles of Consolidation

The Company's consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP").

The consolidated financial statements of the Company include the accounts of NLVF and its direct and indirect subsidiaries. Intercompany transactions and balances have been eliminated in consolidation.

Certain reclassifications have been made to conform prior periods to the current year's presentation.

Use of Estimates

The preparation of U.S. GAAP financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Use of Estimates (continued)

The most significant estimates include those used in determining estimated gross profits used in the valuation and amortization of assets and liabilities associated with variable annuity and universal life-type insurance contracts; policy liabilities; valuation of investments; derivative instruments; and embedded derivatives; determination of hedging effectiveness on interest rate swaps; evaluation of other-than-temporary impairments; valuations related to benefit plans, income taxes and litigation and regulatory contingencies. Certain of these estimates are particularly sensitive to market conditions, and deterioration and/or volatility in the debt or equity markets could have a material impact on the Company's consolidated financial position, results of operations or cash flows.

Subsequent Events

The Company has evaluated events subsequent to December 31, 2020 and through the consolidated financial statement issuance date of February 23, 2021. The Company has not evaluated subsequent events after the issuance date for presentation in these consolidated financial statements.

Cash and Restricted Cash

Included in cash are cash equivalents which consist of commercial paper with maturities of three months or less.

At December 31, 2020 and 2019, the Company had restricted cash of \$525.6 million and \$306.4 million, respectively, related to broker collateral on the Company's derivative investments.

Short Term Investments

Short term investments include money market accounts that are carried at net asset value ("NAV") which approximates fair value. These short-term investments include liquid debt instruments purchased with original maturities of one year or less.

Investments

The Company's investment portfolio consists primarily of available-for-sale ("AFS") debt securities and equity securities. These securities are reported at fair value. Changes in the fair values of AFS debt securities are reflected in other comprehensive income ("OCI") after adjustments for related deferred policy acquisition costs, policyholder dividend obligations, loss reserve recognition, reserves, and deferred income taxes. Changes in the fair values of equity securities are reflected through net investment gains and (losses) in the Consolidated Statements of Comprehensive Income. When determining fair value, the Company utilizes observable market inputs and considers available data from a third-party pricing service, independent brokers and pricing matrices. Publicly available prices are used whenever possible. In the event that publicly available pricing is not available, the securities are submitted to independent brokers for pricing, or they are valued using a pricing matrix, which maximizes the use of observable inputs that include, but are not limited to, reported trades, benchmark yields, issuer spreads, bids, offers and/or cash flows. This process includes quantitative and qualitative analysis and is performed by the Company's investment professionals.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Recognition and Presentation of Other-Than-Temporary Impairments

The evaluation of securities for impairment is a quantitative and qualitative process, which is subject to risks and uncertainties and is intended to determine whether declines in fair value of investments should be recognized in current period earnings and whether the securities are other-than-temporarily impaired ("OTTI"). The risks and uncertainties include changes in general economic conditions, the issuer's financial condition and/or future prospects, the effects of changes in interest rates or credit spreads and the expected recovery period. The Company has a security monitoring process overseen by investment and accounting professionals to identify securities, using certain quantitative and qualitative characteristics, that could potentially be impaired. These identified securities are subjected to an enhanced analysis to determine if the impairments are other-than-temporary.

A debt security is deemed to be other-than-temporarily impaired if it meets the following conditions: (1) the Company intends to sell, or it is more likely than not the Company will be required to sell, the security before a recovery in value, or (2) the Company does not expect to recover the entire amortized cost basis of the security. If the Company intends to sell, or it is more likely than not that the Company will be required to sell, the security before a recovery in fair value, a charge is recorded in net investment gains and (losses) equal to the difference between the fair value and amortized cost basis of the security. For those other-than-temporarily impaired debt securities which do not meet the first condition and for which the Company does not expect to recover the entire amortized cost basis, the difference between the security's amortized cost basis and the fair value is separated into the portion representing a credit impairment, which is recorded in net investment gains and (losses), and the remaining impairment, which is recorded in OCI. Generally, the Company determines a security's credit impairment as the difference between its amortized cost basis and its best estimate of expected future cash flows discounted at the security's effective yield prior to impairment. The remaining non-credit impairment, which is recorded in OCI, is the difference between the security's fair value and the Company's best estimate of expected future cash flows discounted at the security's effective yield prior to the impairment. The remaining non-credit impairment typically represents current market liquidity, risk premiums, and interest rate fluctuations. The previous amortized cost basis less the impairment recognized in net investment gains and (losses) becomes the security's new cost basis.

Debt securities that are in an unrealized loss position are reviewed quarterly to determine if the decline in fair value would be considered other-than-temporary based on certain quantitative and qualitative factors. The primary factors considered in evaluating whether a decline in value is other-than-temporary include: (a) the length of time and extent to which the fair value has been less than cost or amortized cost and the expected recovery period of the security, (b) the financial condition, credit rating, and future prospects of the issuer, (c) whether the debtor is current on contractually obligated interest and principal payments, (d) the intent and ability of the Company not to sell the investment prior to anticipated recovery, and (e) the payment structure of the security.

For mortgage-backed or other collateralized structured debt securities, the Company considers factors including, but not limited to, commercial and residential property value declines that vary by property type and location, and average cumulative collateral loss rates that vary by vintage year. These assumptions require the use of significant management judgment and include the probability of issuer default and estimates regarding timing and amount of expected recoveries, which may include estimating the underlying collateral value. In addition, projections of expected future debt security cash flows may change based upon the new information regarding the performance of the issuer and/or underlying collateral such as changes in the projections of the underlying property value estimates.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Recognition and Presentation of Other-Than-Temporary Impairments (continued)

The Company's best estimate of future cash flows involves assumptions including, but not limited to, various performance indicators, such as historical and projected default and recovery rates, credit ratings, current delinquency rates, loan-to-value ratios and the possibility of obligor re-financing. Estimating the underlying future cash flows is a quantitative and qualitative process, which incorporates information received from third-party sources along with certain internal assumptions and judgments regarding the future performance of the underlying collateral. Where possible, this data is benchmarked against third party sources.

Trading Debt Securities

Assets held in a segregated custody account in support of a modified coinsurance arrangement have been designated as trading debt securities. Trading debt securities are reported at fair value with changes in fair value recognized in net investment gains and (losses). See Reinsurance Note 6 for additional information on the modified coinsurance arrangement.

Mortgage Loans

Mortgage loans on commercial real estate are carried at amortized cost less a valuation allowance for probable losses on unidentified loans. The evaluation and assessment of the adequacy of the provision for losses and the need for mortgage impairments is based on known and inherent risks in the portfolio, adverse situations that may affect the borrowers' ability to repay, the value of the underlying collateral, composition of the loan portfolio, current economic conditions, loss experience and other relevant factors. These assumptions require the use of significant management judgment and include the probability and timing of borrower default and loss frequency and severity estimates. Changes in the valuation allowance are recognized through net investment gains and (losses).

For mortgage loans that are deemed impaired, an impairment loss is recognized through net investment gains and (losses) as the difference between the carrying amount and the Company's share of either (a) the present value of the expected future cash flows discounted at the loan's original effective interest rate, (b) the loan's observable market price or (c) the fair value of the collateral. Interest income on an impaired loan is accrued to the extent it is deemed collectable and the loan continues to perform under its original or restructured terms. Interest income on defaulted loans is recognized when received.

Policy Loans

Policy loans are reported at their unpaid balance and are fully collateralized by related cash surrender values.

Real Estate

Real estate acquired in satisfaction of debt is classified either as held for investment or available for sale and transferred to real estate from mortgage loans at the lower of cost or fair value. Real estate investments held for investment purposes are reported at depreciated cost and real estate investments classified as available for sale are reported at the lower of cost or fair value, less the costs to sell, and are not depreciated. In evaluating real estate impairments, the Company considers, among other things, the fair value of the real estate compared to its carrying value.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Other Invested Assets

Investments in limited partnerships are included in other invested assets. Partnerships over which the Company does not have significant influence are carried at fair value. The Company obtains the fair value of these investments generally from NAV information provided by the general partner or manager of the limited partnership, the financial statements of which generally are audited annually. Changes in the fair value of these limited partnerships are included in net investment gains and (losses) within the Consolidated Statements of Comprehensive Income. Limited partnerships over which the Company has significant influence are accounted for using the equity method. Under the equity method, the Company's pro-rata share of the partnerships' profits and losses are recognized in the Company's net investment income, and dividends received from the partnerships are recognized as return of capital up until the point that the initial investment has been fully recovered.

The Company receives U.S. Treasuries as broker collateral on the Company's derivative investments. These assets are considered restricted and are included in other invested assets. The Company also receives cash as broker collateral. For additional information, see Cash and Restricted Cash herein.

The Company's investments in affordable housing projects are included in other invested assets and are amortized using the proportional amortization method within income tax expense. The associated tax credits are also included as a component of income tax expense. For additional information, see Note 8.

The Company's investments in solar tax credit entities are included in other invested assets and are accounted for using the equity method. The Company's share of the entities' profits and losses are recognized as a component of net investment income.

Variable Interest Entities

A variable interest entity ("VIE") is a legal entity that does not have sufficient equity at risk to finance its activities without additional subordinated financial support, or is structured such that equity investors lack the ability to make significant decisions related to the entity's operations through voting rights or do not substantively participate in the gains and losses of the entity. The primary beneficiary, which is the interest holder that has both the power to direct the activities that most significantly affect the VIE's economic performance and the obligation to absorb losses or the right to receive benefits that could be significant to the VIE, is required to consolidate the VIE. The Company has variable interests in VIEs through a certain investment in notes and other invested assets. At December 31, 2020 and 2019, the Company had no interests in VIEs that met the criteria for consolidation. See Note 5 for additional information.

Derivatives

Derivatives include long options, short options, swaptions, interest rate swaps, and futures contracts. All derivatives are carried at fair value. Changes in the fair value of derivatives not designated as hedges are reflected in net investment income.

The Company designates certain interest rate swaps as fair value hedges when they have met the requirements to be deemed fair value hedges. The interest rate swaps that are designated as fair value hedges are used to convert fixed rate assets to floating rate. The Company recognizes unrealized and realized gains and losses on the swaps and on the related hedged items within net investment income. For additional information, see Note 5.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Net investment gains and (losses)

Net investment gains and (losses) on the Company's Consolidated Statements of Comprehensive Income include realized capital gains (losses) which are recognized using the specific identification method. Net realized capital gains (losses) include adjustments for related deferred policy acquisition costs, sales inducement assets, reserves, policyholder dividend obligations, income taxes, and impairment of capitalized software.

Beginning in 2019 and in accordance with ASU 2016-01, net investment gains and (losses) include the changes in fair value of equity securities held at fair value and limited partnerships that are not accounting for under the equity method.

Accumulated Other Comprehensive Income ("AOCI")

The balance of and changes in each component of AOCI attributable to the Company for the years ended December 31, 2020 and 2019, are as follows (in thousands):

Balance, December 31, 2018
Other comprehensive income
before reclassifications
Amounts reclassified from
AOCI
Effect of implementation of
ASU 2016-01, net
Balance, December 31, 2019
Other comprehensive income
before reclassifications
Amounts reclassified from
AOCI
Balance, December 31, 2020

realized gains (losses) on available-for-sale investments	sh flow hedge on debt issuances	hange in funded atus of retirement plans	Total
\$ 21,857	\$ (599)	\$ (102,183)	\$ (80,925)
754,129	41	(17,441)	736,729
12,973	_	12,112	25,085
 (45,804)	_	_	(45,804)
\$ 743,155	\$ (558)	\$ (107,512)	\$ 635,085
584,581	41	(16,805)	567,817
12,869	_	7,646	20,515
\$ 1,340,605	\$ (517)	\$ (116,671)	\$ 1,223,417

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Accumulated Other Comprehensive Income (continued)

Reclassifications out of AOCI during the year ended December 31, 2020 were as follows (in thousands):

AOCI component	Amounts reclassified out of AOCI (1)	Affected line item in the Consolidated Statements of Comprehensive Income
Unrealized gains (losses) on available-		
for-sale investments	\$ 6,902 (23,192)	Sale of investments - in net investment gains and (losses) Impairment expense - in net investment gains and (losses)
	\$ (16,290)	Total before tax
	3,421	Income tax benefit
	(12,869)	Net of tax
Change in funded status of retirement		
plans (2)	\$ (9,678)	Amortization of actuarial gain/(loss) - in operating expenses
	2,032	Income tax benefit
	(7,646)	Net of tax
Total reclassifications		
for the period	\$ (20,515)	Net of tax

⁽¹⁾ Positive amounts indicate gains/benefits reclassified out of AOCI. Negative amounts indicate losses/costs reclassified out of AOCI.

Reclassifications out of AOCI during the year ended December 31, 2019 were as follows (in thousands):

AOCI component	Amounts reclassified out of AOCI (1)	Affected line item in the Consolidated Statements of Comprehensive Income
Unrealized gains (losses) on available-		
for-sale investments	\$ 14,459 (30,880)	Sale of investments - in net investment gains and (losses) Impairment expense - in net investment gains and (losses)
	\$ (16,421)	Total before tax
	3,448 (12,973)	Income tax benefit Net of tax
Change in funded status of retirement		
plans (2)	\$ (15,332) 3,220	Amortization of actuarial gain/(loss) - in operating expenses Income tax benefit
	(12,112)	Net of tax
Total reclassifications for the period	\$ (25,085)	Net of tax

⁽¹⁾ Positive amounts indicate gains/benefits reclassified out of AOCI. Negative amounts indicate losses/costs reclassified out of AOCI.

⁽²⁾ These AOCI components are included in the computation of net periodic pension cost (see Note 9 for additional details).

⁽²⁾ These AOCI components are included in the computation of net periodic pension cost (see Note 9 for additional details).

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Federal Home Loan Banks

National Life is a member of the Federal Home Loan Bank of Boston ("FHLB Boston") which provides National Life with access to a secured asset-based borrowing capacity. National Life had a letter of credit of \$60.0 million and \$80.0 million as of December 31, 2020 and 2019, and pledged collateral of \$483.2 million and \$291.5 million as of December 31, 2020 and 2019, respectively. Outstanding advances under this program were \$150.0 million and \$115.4 million as of December 31, 2020 and 2019, respectively. The membership requires an investment in the common stock of FHLB Boston. The common stock is redeemable by FHLB Boston. It is considered restricted and is reported in other invested assets at par value.

LSW is a member of the Federal Home Loan Bank of Dallas ("FHLB Dallas") which provides LSW with access to a secured asset-based borrowing capacity, including the ability to obtain loans as an alternative source of liquidity and to issue funding agreements. LSW had pledged collateral of \$2.8 billion and \$2.7 billion as of December 31, 2020 and 2019, respectively. Outstanding advances under this program were \$2.0 billion as of December 31, 2020 and 2019. The membership requires an investment in the common stock of FHLB Dallas. The common stock is redeemable by FHLB Dallas. It is considered restricted and is reported in other invested assets at par value.

All of the outstanding advances in the form of funding agreements are included in policyholder account liabilities. The proceeds from these advances have been invested in a pool of fixed and floating rate income assets. The Company had no outstanding advances in the form of borrowings as of December 31, 2020. Total interest expense of \$1.2 million and \$2.6 million was paid to FHLB Boston in 2020 and 2019, respectively. Total interest expense of \$18.3 million and \$48.1 million was paid to FHLB Dallas in 2020 and 2019, respectively.

NLIC repaid advances to FHLB Boston of \$21.3 million and \$1.1 million in 2020 and 2019, respectively. LSW repaid advances to FHLB Dallas of \$595.1 million and \$348.4 million in 2020 and 2019, respectively.

Policy Acquisition Expenses

Commissions and other costs that are related directly to the successful acquisition of new or renewal insurance contracts are eligible to be deferred. Deferred policy acquisition costs ("DAC") for participating life insurance, universal life insurance, and annuities are amortized in relation to estimated gross profits. Amortization is adjusted retrospectively for actual experience and when estimates of future gross profits are revised. Deferred policy acquisition costs for these products are adjusted for related unrealized gains (losses) on available-forsale debt securities and prior to 2019, equity securities, (after deducting any related policyholder dividend obligations), through AOCI, net of related deferred income taxes. DAC for non-participating term and whole life insurance and participating limited-payment and single-payment life insurance is amortized in relation to premium income using assumptions consistent with those used in computing policy benefit liabilities.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Policy Acquisition Expenses (continued)

At least annually, the Company reviews long-term assumptions underlying the projections of estimated gross profits and its calculation of the recoverability of DAC balances. These assumptions include changes in projected investment rates, interest crediting rates, policyholder dividend rates, mortality, expenses, contract lapses, withdrawals, surrenders and amortization period. The adjustments to DAC to reflect the update of the actuarial assumptions in 2020 and 2019 resulted in a \$9.9 million net increase and \$10.2 million net decrease in policy acquisition expenses, respectively. The update of actuarial assumptions also resulted in, to a lesser extent, adjustments to sales inducement assets and liabilities and policy liabilities.

The Company offers various sales incentives including bonus interest credited on its annuity products at the point of sale, as well as higher interest crediting rates in the first policy year. The Company capitalizes and amortizes these sales inducements to the extent they are explicitly identified in the contract at inception, incremental to amounts credited on similar contracts without bonus interest, and higher than the contract's expected ongoing crediting rates for periods after the bonus period. Sales inducement assets are reported within DAC and are amortized based on the underlying gross profits of the products, with amortization adjusted periodically to reflect actual experience, as well as updates to assumptions for future estimated gross profits.

For internal replacements of insurance contracts, the Company determines whether the new contract has substantially changed from the original contract based on certain criteria such as whether the change requires additional underwriting, pricing that was not contemplated in the original contract or significant benefit changes. If the Company determines that the contract has substantially changed, the deferred acquisition costs related to the original contract are written off through a charge to policy acquisition expenses.

Property and Equipment

Property and equipment is reported at depreciated cost. Assets are depreciated over their useful life using the straight-line method of depreciation. The table below outlines the useful life for each asset class:

Asset Class	Years
Software	5
Equipment	5
Furniture	7
Renovations/semi-permanent fixtures	20
Home office/other buildings	40

The tables below reflect the cost and accumulated depreciation for each major asset class as of December 31, 2020 and 2019 (in millions):

	December 31, 2020			
	Cost	Cost Accumulated Depreciation		
Software	\$ 311.1	\$ (197.9)	\$ 113.2	
Equipment	43.7	(38.9)	4.8	
Furniture	29.0	(21.5)	7.5	
Renovations	16.3	(4.6)	11.7	
Home office	106.7	(70.4)	36.3	
	<u>\$ 506.8</u>	\$ (333.3)	\$ 173.5	

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Property and Equipment (continued)

	December 31, 2019					
		Cost Accumulated Depreciation			Ca	rrying Value
Software	\$	280.6	\$	(171.4)	\$	109.2
Equipment		41.2		(35.8)		5.4
Furniture		29.5		(20.0)		9.5
Renovations		15.2		(3.9)		11.3
Home office		104.6		(66.9)		37.7
	\$	471.1	\$	(298.0)	\$	173.1

Depreciation expense recognized in operating expenses was \$37.0 million and \$32.8 million for the years ended December 31, 2020 and 2019, respectively. The Company recognized impairments on certain software investments totaling 2.8 million for the year ended December 31, 2019. The impairment loss was included in net investment gains and (losses). No impairment was recognized on software investments in 2020.

Corporate Owned Life Insurance

The Company holds life insurance contracts on certain members of management and other key individuals. The Company made no corporate owned life insurance ("COLI") purchases in 2019 or 2020. The Company's investment in COLI is reported at the cash surrender value of these COLI contracts, which totaled \$521.1 million and \$507.2 million at December 31, 2020 and 2019, respectively.

COLI income includes the net change in cash surrender value and any benefits received or accrued. COLI income was \$17.3 million and \$13.6 million in 2020 and 2019, respectively, and is included in other income.

Receivable from Agents

The Company accrues receivables for amounts due from agents. These amounts due can take various forms including commissions recoverable from policy lapses or surrenders. As of December 31, 2020 and 2019, the Company had receivables from agents of \$97.5 million and \$78.2 million, respectively, which are included in other assets on the Consolidated Balance Sheets. These receivables are reported net of an accrued valuation allowance if it is deemed that amounts may not be collectible. The allowance for receivables from agents was \$9.2 million and \$7.7 million as of December 31, 2020 and 2019, respectively.

Separate Accounts

Variable products are reported within the separate accounts when investment risk is borne by the policyholder, investment income and investment gains and losses accrue directly to the policyholder, and the separate account meets additional accounting criteria to qualify for separate account treatment. The assets supporting the variable portion of variable annuity and variable universal life contracts that qualify for separate account treatment are carried at fair value and reported as separate account assets, with an equivalent summary total reported as separate account liabilities. Liabilities for minimum guaranteed benefits related to separate account policies are included in policy liabilities. Separate account results related to policyholders' interests are excluded from the Company's consolidated results of operations.

The assets of the Company's separately funded pension plans are held in the Company's separate accounts at fair value.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Policy Liabilities

Policy benefit liabilities for participating life insurance are developed using the net level premium method, with interest and mortality assumptions used in calculating policy cash surrender values. Participating life insurance terminal dividend reserves are accrued in relation to gross profits and are included in policy benefit liabilities. The average investment yield used in estimating gross profits for participating contracts was 4.3% and 4.4% as of December 31, 2020 and 2019, respectively.

Policy benefit liabilities for non-participating life insurance, disability income insurance, and certain annuities are developed using the net level premium method with assumptions for interest, mortality, morbidity, and voluntary terminations. In addition, disability income policy benefit liabilities include provisions for future claim administration expenses.

Policyholder account liabilities for non-indexed universal life insurance and investment-type annuities represent amounts that inure to the benefit of the policyholders before surrender charges. Policyholder account liabilities for indexed life insurance and annuity liabilities consist of a combination of underlying account value and embedded derivatives. The underlying account value is primarily based on deposits plus any interest credited, less amounts assessed for mortality, administrative and other policy fees. The embedded derivative component represents the fair value of the Company's future obligations related to interest crediting that is based on the performance of various indexes, as specified in the respective contracts. Such embedded derivatives are carried at fair value, with the change in fair value recorded through interest credited to policyholder account liabilities.

The fair value of the embedded derivative component includes assumptions about future interest rates and interest rate structures, future costs for options used to hedge the contract obligations, projected withdrawal and surrender activity, the level and limits on contract participation in any future increases in the underlying indexes, and an explicit risk margin for policyholder behavior, as well as a margin to reflect the impact the Company's own credit rating would have in the view of a market participant.

The guaranteed minimum interest rates for the Company's fixed interest rate annuities range from 0.1% to 4.5%. The guaranteed minimum interest rates for the Company's fixed interest rate universal life insurance policies range from 1.0% to 5.0%. These guaranteed minimum rates are before deduction for any policy administration fees or mortality charges.

As part of the Company's annual actuarial assumption update, certain assumptions were revised for various blocks of business, including premium persistency, investment income, mortality, pricing, and lapse and surrender rates, which resulted in a \$31.0 million net decrease and \$29.5 million net increase in policy liabilities as of December 31, 2020 and 2019, respectively.

The Company tests reserves for any premium deficiency using best estimate assumptions. If a deficiency is found to exist, an additional reserve is typically recorded. There were no increases to the premium deficiency reserve in 2020 or 2019. The Company also tests reserves for adequacy assuming that all unrealized gains (losses) on investments are realized, and posts shadow reserves for any deficiency. As of December 31, 2020 and 2019, the shadow loss reserve was \$15.0 million and \$10.7 million, respectively.

The Company also held a shadow reserve related to its Guaranteed Lifetime Income Rider in policy benefit liabilities of \$226.3 million and \$127.5 million as of December 31, 2020 and 2019. The change in this shadow reserve is recorded in unrealized gains (losses) on available-for-sale investments within other comprehensive income. The net impact to accumulated other comprehensive income after shadow DAC and tax offsets was \$118.2 million and \$66.6 million as of December 31, 2020 and 2019, respectively.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Policy Liabilities (continued)

Reserves are established, as appropriate, for separate account product guarantees. These reserves, which are not significant, are primarily related to guaranteed minimum death benefits on variable annuities equal to the amount of premiums paid less prior withdrawals (regardless of investment performance). In addition, a policyholder less than seventy-six years of age may elect, at issue, to purchase an enhanced death benefit rider, which pays a benefit on death equal to the sum of the highest prior anniversary value and the net of premiums received and funds withdrawn since that date. Coverage from this rider ceases at age eighty. Guaranteed death benefits are reduced dollar-for-dollar for partial withdrawals. Partial withdrawals from policies issued after November 1, 2003 will use the pro-rata method. Separate account product guarantee reserves are calculated as a percentage of collected mortality and expense risk and rider charges, with the current period change in reserves reported in policy benefits.

The Company offers persistency bonuses on certain products, whereby policyholders can receive additional interest credits by maintaining their policy in force for predetermined durations. These additional interest credits are accrued ratably over the bonus period and adjusted for actual persistency.

The components of the sales inducement liability ("SIL") are shown below (in thousands), and are included in policy liabilities:

	 SIL			
	2020		2019	
Beginning of year	\$ 88,559	\$	85,533	
Increase due to interest, amortization and assumption updates	12,202		9,811	
Payments	 (6,835)		(6,785)	
End of year	\$ 93,926	\$	88,559	

Reinsurance

Amounts recoverable from and payable to reinsurers are estimated in a manner consistent with the related liabilities associated with the reinsured policies. Reinsurance premiums and benefits paid or provided are accounted for on bases consistent with those used in accounting for the original policies issued and the terms of the reinsurance contracts.

Under a modified coinsurance ("modco") arrangement through which a quota share of new sales of certain indexed annuity products are ceded to an unaffiliated reinsurer, we retain the reserves and the assets supporting these reserves. The assets are held in a segregated custody account and have been designated as trading debt securities. Investment results from these assets, including gains and losses from sales, are passed directly to the reinsurer, and as a result we record a modco embedded derivative. The modco embedded derivative is recorded at fair value within amounts payable to reinsurers. Changes in the modco embedded derivative, which are equal to and offset by changes in the fair value of the assets, are reported in net investment gains and (losses).

Policyholders' Deposits

Policyholders' deposits primarily consist of death benefits held in interest-bearing accounts for life insurance contract beneficiaries.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Policyholders' Dividends and Dividend Obligations

Policyholders' dividends consist of the pro-rata amount of dividends earned that will be paid or credited at the next policy anniversary and policyholder dividend obligations arising from the Closed Block. Dividends are based on a scale that seeks to reflect the relative contribution of each group of policies to LSW's and National Life's overall operating results. The dividend scale is approved annually by the Board of Directors for the respective company.

Recognition of Insurance Revenues and Related Expenses

Premiums from traditional life insurance products, including term and whole life, and from certain annuities are recognized as revenue when due from the policyholder. Benefits and expenses are matched with income by providing for policy benefit liabilities and the deferral and amortization of policy acquisition costs so as to recognize profits over the life of the policies.

Premiums and surrenders from universal life insurance and investment-type annuities are reported as increases and decreases, respectively, in policyholder account liabilities. Revenues for these policies consist of mortality charges, policy administration fees, and surrender charges deducted from policyholder account liabilities. Policy benefits charged to expense include benefit claims in excess of related policyholder account liabilities.

Premiums from disability income policies are recognized as revenue over the period to which the premiums relate. Benefits and expenses are matched with income by providing for policy benefit liabilities and the deferral and amortization of policy acquisition costs so as to recognize profits over the life of the policies.

Federal Income Taxes

The Company files a consolidated tax return. Current federal income taxes are charged or credited to operations based upon amounts estimated to be payable or recoverable as a result of taxable operations for the current year. Deferred income tax assets and liabilities are recognized based on temporary differences between financial statement carrying amounts and income tax bases of assets and liabilities using enacted income tax rates and laws.

NOTE 3 – NEW ACCOUNTING PRONOUNCEMENTS

<u>Adopted</u>

Receivables

In March 2017, the FASB issued Accounting Standards Update ("ASU") 2017-08 Receivables – Nonrefundable Fees and Other Costs (Subtopic 310-20): Premium Amortization on Purchased Callable Debt Securities. This guidance shortened the amortization period for certain callable debt securities held at a premium. For non-public entities, the pronouncement was effective for fiscal years beginning after December 15, 2019. The amendment was applied on a modified retrospective basis. The adoption of this guidance did not have a material impact on the Company's consolidated financial condition, results of operations or cash flows.

NOTE 3 – NEW ACCOUNTING PRONOUNCEMENTS (continued)

Fair Value Measurement

In August 2018, the FASB issued ASU 2018-13 Fair Value Measurement (Topic 820): Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement. This guidance was intended to improve the effectiveness of fair value disclosures in the notes to the financial statements. For all entities, the pronouncement was effective for fiscal years beginning after December 15, 2019. The Company has updated disclosures, as applicable.

Not Yet Adopted

Leases

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)* which requires lease assets and lease liabilities to be recognized on the balance sheet, and key information about leasing arrangements to be disclosed. In March 2019, the FASB issued *ASU 2019-01 Leases (Topic 842)* which responds to several stakeholder inquiries regarding the implementation of ASU 2016-02.

In June 2020, the FASB issued ASU 2020-05, Revenue from Contracts with Customers (Topic 606) and Leases (Topic 842): Effective Dates for Certain Entities, to defer the effective date of Topic 842. For all entities that have not yet issued financial statements as of June 3, 2020, it is effective for fiscal years beginning after December 15, 2021. Early application is permitted. The Company is currently assessing the impact of this standard. The adoption of this guidance will result in an increase in other assets and corresponding increase in other liabilities but is not expected to have a material impact on the Company's consolidated results of operations or cash flows.

Credit Losses

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments—Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments.* The guidance requires an entity to record an estimate for current expected credit losses for most financial assets not reported at fair value, premiums receivable, amounts recoverable from reinsurers, and certain off-balance sheet credit exposures. The estimate for expected credit losses should be based on relevant historical information, current information, and reasonable and supportable forecasts. In addition, the standard modifies the impairment model for AFS debt securities to remove the requirement for entities to consider the length of time the fair value has been below amortized cost and subsequent fair value recoveries, or declines, when determining if an asset is impaired. Both the current expected credit loss and AFS debt securities impairment models employ an allowance methodology to record impairments that can be modified in following periods due to improvements in expected cash flows. For non-public entities, the pronouncement is effective for fiscal years beginning after December 15, 2022. Early application is permitted. This guidance will be applied through a cumulative-effect adjustment to retained earnings as of the beginning of the first reporting period in which the guidance is effective. A prospective transition approach is required for debt securities for which an other-than-temporary impairment had been recognized before the effective date.

In May 2019, the FASB issued ASU 2019-05 Financial Instruments—Credit Losses (Topic 326) to provide transition relief related to the guidance in ASU 2016-13. For entities that have not yet adopted ASU 2016-13, the effective date remains the same as in ASU 2016-13. In November 2019, the FASB issued ASU 2019-10, Financial Instruments—Credit Losses (Topic 326), Derivatives and Hedging (Topic 815), and Leases (Topic 842): Effective Dates, to defer the effective date of Topic 326. For non-public entities, the pronouncement is effective for fiscal years beginning after December 15, 2022. The Company is currently assessing the impact the implementation of Topic 326 will have on its consolidated financial statements. The adoption of this standard is expected to have a material effect on the Company's consolidated financial condition and results of operations.

NOTE 3 – NEW ACCOUNTING PRONOUNCEMENTS (continued)

Compensation – Retirement Plans

In August 2018, the FASB issued ASU 2018-14 Compensation-Retirement Plans-Defined Benefit Plans-General (Subtopic 715-20): Disclosure Framework-Changes to the Disclosure Requirements for Defined Benefit Plans. This guidance is intended to improve the effectiveness of defined benefit plan disclosures in the notes to the financial statements. For non-public entities, the pronouncement is effective for fiscal years beginning after December 15, 2021. Early application is permitted. The Company is currently assessing the impact of this standard. The adoption of this standard is not expected to have a material effect on the Company's consolidated financial condition, results of operations or cash flows.

Derivatives and Hedging – Targeted Improvements

In August 2017, the FASB issued ASU 2017-12 *Derivatives and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities.* This guidance simplifies the application of the hedge accounting guidance and permits entities to better align the entity's risk management activities and financial reporting for hedging relationships. In April 2019, the FASB issued ASU 2019-04 *Codification Improvements to Derivatives and Hedging (Topic 815)* to clarify, correct errors in, or improve ASU 2017-12. In November 2019, the FASB issued ASU 2019-10, *Financial Instruments—Credit Losses (Topic 326)*, *Derivatives and Hedging (Topic 815)*, and *Leases (Topic 842): Effective Dates*, to defer the effective date of Topic 815. For non-public entities, the pronouncement is effective for fiscal years beginning after December 15, 2020. Early application is permitted. The adoption of this standard will not have a material effect on the Company's consolidated financial condition, results of operations or cash flows.

Long-Duration Contracts

In August 2018, the FASB issued ASU 2018-12 *Financial Services-Insurance (Topic 944): Targeted Improvements to the Accounting for Long-Duration Contracts.* This guidance is intended to simplify and improve the recognition, measurement, presentation, and disclosure requirements for long-duration contracts issued by an insurance entity.

In November 2020, the FASB issued ASU 2020-11, *Financial Services—Insurance (Topic 944)*, *Effective Date and Early Application*, to defer the effective date of Topic 944. For non-public entities, the pronouncement is effective for fiscal years beginning after December 15, 2024. Early application is still permitted. The Company is currently assessing the impact of this standard. The adoption of this standard is expected to have a material effect on the Company's consolidated financial condition and results of operations.

Reference Rate Reform

In March 2020, the FASB issued ASU 2020-04, *Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting,* to provide optional expedients and exceptions for applying GAAP to contracts, hedging relationships, and other transactions affected by reference rate reform. This guidance applies only to contracts and hedging relationships that reference LIBOR or another reference rate expected to be discontinued due to reference rate reform. The amendments in this Update are effective for all entities as of March 12, 2020 through December 31, 2022. The adoption of this standard is not expected to have a material effect on the Company's consolidated financial condition and results of operations.

Income Taxes

In December 2019, the FASB issued ASU Update No. 2019-12 *Income Taxes* (*Topic 740*) – *Simplifying the Accounting for Income Taxes*. This ASU update removes certain exceptions to the general principles in ASU 740, Income Taxes, including intra-period tax allocation when there is a loss from continuing operations, foreign subsidiary treatment under certain conditions and calculating interim income taxes when the year-to-date loss exceeds the anticipated loss. This update also clarifies and amends existing guidance related to changes in tax laws, business combinations and employee stock plans, among others. The updated guidance is effective for

NOTE 3 – NEW ACCOUNTING PRONOUNCEMENTS (continued)

fiscal years beginning after December 15, 2021. Early adoption is permitted. The adoption of this standard is not expected to have a material effect on the Company's consolidated financial condition and results of operations.

NOTE 4 – FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES

The fair value of a financial instrument is the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (the exit price).

Fair value measurement requires consideration of three broad valuation techniques: (i) the market approach, (ii) the income approach, and (iii) the cost approach. Entities are required to determine the most appropriate valuation technique to use, given what is being measured and the availability of sufficient inputs. The guidance prioritizes the inputs to fair valuation techniques and allows for the use of unobservable inputs to the extent that observable inputs are not available.

The Company has categorized its assets and liabilities into a three-level hierarchy, based on the priority of the inputs to the respective valuation technique. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The Company categorizes financial assets and liabilities recorded at fair value on the balance sheet as follows:

• Level 1 - Unadjusted quoted prices accessible in active markets for identical assets or liabilities at the measurement date. The types of assets and liabilities utilizing Level 1 inputs include equity securities listed in active markets, U.S. Treasury securities, and certain short-term investments.

NOTE 4 – FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES (continued)

- Level 2 Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly through corroboration with observable market data (market-corroborated inputs). The types of assets and liabilities utilizing Level 2 inputs generally include U.S. agency and government securities, mortgage-backed securities ("MBSs") and asset-backed securities ("ABSs"), corporate debt, private placement investments, preferred stocks, and derivatives, including options and interest rate swaps, and short term investments. Generally, the Company classifies debt securities in Level 2 as market activity is not deemed to be substantial enough to warrant classification as an active market. Separate account assets classified within this level are generally similar to those classified within this level for the general accounts.
- Level 3 Prices or valuation techniques that require inputs that are both unobservable and significant to the overall fair value measurement. Inputs reflect management's best estimate about the assumptions market participants would use at the measurement date in pricing the asset or liability. Consideration is given to the risk inherent in both the method of valuation and the valuation inputs. Generally, the types of assets and liabilities utilizing Level 3 valuations are embedded derivative liabilities.

In many situations, inputs used to measure the fair value of an asset or liability position may fall into different levels of the fair value hierarchy. In these situations, the Company will determine the level in which the fair value falls based upon the lowest level input that is significant to the determination of the fair value. In most cases, both observable (e.g., changes in interest rates) and unobservable (e.g., changes in risk assumptions) inputs are used in the determination of fair values that the Company has classified within Level 3. Consequently, these values and the related gains and losses are based upon both observable and unobservable inputs. If inputs to pricing models that were previously unobservable become observable, then an asset or liability can be transferred from Level 3 to Level 2.

Determination of fair values

The Company determines the fair values of certain financial assets and financial liabilities based on quoted market prices where available and where prices represent fair value. The Company also determines fair value based on future cash flows discounted at the appropriate current market rate. Fair values reflect adjustments for counterparty credit quality, the Company's default spreads, liquidity, and, where appropriate, risk margins on unobservable parameters. In the event that the Company believes that quoted prices are not representative of the true market value, due to distressed sales or inactive markets, the Company may make adjustments to quoted prices to estimate fair value.

NOTE 4 – FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES (continued)

Valuation Techniques

Available-for-sale debt securities and short term investments - The fair value of AFS securities and short term investments in an active and orderly market (e.g. not distressed or forced liquidation) is determined by management after considering one of four primary sources of information: unadjusted quoted prices accessible in active markets for identical assets or liabilities at the measurement date, third-party pricing services, independent broker quotations, or pricing matrices. Security pricing is applied using a "waterfall" approach whereby publicly available prices are first sought from third-party pricing services; the remaining unpriced securities are submitted to independent brokers for prices; or lastly, securities are priced using an internal pricing matrix. Typical inputs used by these three pricing methods include, but are not limited to, reported trades, benchmark yields, issuer spreads, bids, offers, and/or cash flows, and prepayments speeds. Based on the typical trading volumes and the lack of quoted market prices for fixed maturities, third-party pricing services will normally derive the security prices from recent reported trades for identical or similar securities, making adjustments through the reporting date based upon available market observable information as outlined above. If there are no recent reported trades, the third-party pricing services and brokers may use matrix or model processes to develop a security price where future cash flow expectations are developed based upon collateral performance and are then discounted at a market rate.

Prices from third-party pricing services are often unavailable for securities that are rarely traded or are traded only in privately negotiated transactions. As a result, certain securities are priced via independent broker quotations which utilize inputs that may be difficult to corroborate with observable market based data. Additionally, the majority of these independent broker quotations are non-binding. A pricing matrix is used to price securities for which the Company is unable to obtain either a price from a third-party pricing service or an independent broker quotation, by discounting the expected future cash flows from the security by a developed market discount rate utilizing current credit spreads on comparable securities.

The Company has analyzed the third-party pricing services' valuation methodologies and related inputs, and has also evaluated the various types of securities in its investment portfolio to determine an appropriate fair value hierarchy level based upon trading activity and the observability of market inputs. Money markets included in short term investments are valued using NAV as a practical expedient and are not categorized in the fair value hierarchy. Most prices provided by a third-party pricing service are classified into Level 2 because the inputs used in pricing the securities are market observable. Due to a general lack of transparency in the process that brokers use to develop prices, valuations that are based on brokers' prices are classified as Level 3. Some valuations may be classified as Level 2 if the price can be corroborated.

Information specific to the valuation of certain classes of investment securities is as follows:

<u>U.S. government obligations</u> - The fair values of U.S. government obligations, which include U.S. Treasuries, are based on observable broker bids from active market makers and inter-dealer brokers, as well as yield curves from dealers for same or comparable issues. U.S. Treasury securities are actively traded and categorized in Level 1 of the fair value hierarchy.

<u>Government agencies</u> - Government agencies, authorities and subdivisions securities include U.S. agencies and municipal bonds. The fair values of municipal bonds are using market quotations from recently executed transactions, spread pricing models, as well as interest rates. Government agency securities are valued based on market observable yield curves, interest rates, and spreads. Municipal bonds and government agency securities are generally categorized as Level 2.

NOTE 4 - FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES (continued)

Valuation Techniques (continued)

<u>Corporates</u> - Corporate bonds as well as ABS are valued using cash flow models based on appropriate observable inputs such as market quotes, yield curves, interest rates, and spreads and are generally categorized as Level 2.

<u>Private placements</u> - Fair values of private placement securities are determined using industry accepted models based on observable spreads. These securities are generally categorized in Level 2 of the fair value hierarchy. However, in instances where significant inputs are unobservable, they are categorized as Level 3.

<u>Mortgage backed securities</u> - The fair value of the MBS are valued using cash flow models based on appropriate observable inputs such as market quotes, yield curves, interest rates, and spreads and are generally categorized as Level 2.

Included in the pricing of ABS, commercial mortgage-backed securities ("CMBS"), and residential mortgage-backed securities ("RMBS") are estimates of the rate of future prepayments of principal over the remaining life of the securities. Such estimates are derived based on the characteristics of the underlying structure and prepayment speeds previously experienced at the interest rate levels projected for the underlying collateral. Actual prepayment experience may vary from these estimates. RMBS consist primarily of FNMA and GNMA mortgage-backed securities.

<u>Equity securities</u> - The fair value of equity securities is based on unadjusted quoted market prices from a third party pricing service as well as primary and secondary broker quotes. These securities are generally categorized as Level 1 for common stocks and Level 2 for preferred stocks. Equity securities that are valued using NAV as a practical expedient are not categorized in the fair value hierarchy.

<u>Trading debt securities</u> - Fair values of exchange traded debt securities are based on unadjusted quoted market prices from pricing services as well as primary and secondary brokers/dealers. Trading debt securities are generally categorized as Level 2 of the fair value hierarchy.

<u>Derivatives</u> - Derivative instruments held by the Company include options, swaptions, interest rate swaps and futures contracts. Fair value of these over the counter ("OTC") derivative products is calculated using models such as the Black-Scholes option-pricing model, which uses pricing inputs observed from actively quoted markets, and is widely accepted by the financial services industry. The majority of the Company's OTC derivative products use this and other pricing models, and are categorized as Level 2. Fair values of futures are based on quoted prices which are observable and readily and regularly available in an active market. Therefore, futures are categorized as Level 1.

Other invested assets - Investments in limited partnerships are included in other invested assets. Limited partnerships do not have a readily determinable fair value, and as such, the Company values them at its prorata share of the limited partnership's NAV, or its equivalent. Investments in limited partnerships are not categorized in the fair value hierarchy. Also included in other invested assets are U.S. Treasuries held as restricted collateral, which are categorized as Level 1.

NOTE 4 – FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES (continued)

Valuation Techniques (continued)

<u>Separate account assets</u> - Separate account assets include assets supporting our variable products which are carried at fair value and categorized as Level 1. Separate account assets also include the assets of the Company's separately funded pension plans, which are primarily comprised of bonds. See Note 9 for additional information on the fair value hierarchy and valuation techniques for these pension plan assets. Separate account assets that are valued using NAV as a practical expedient are not categorized in the fair value hierarchy.

<u>Policyholder account liabilities</u> - Embedded derivatives contained in equity-indexed annuity and life contracts are included in policyholder account liabilities at fair value. The fair value of these derivatives is measured based on actuarial and capital market assumptions related to projected cash flows over the expected lives of the contracts. Option pricing models are used to estimate fair value, using assumptions about market conditions and policyholder behavior. The fair value measurement incorporates an explicit risk margin for policyholder behavior and for the impact the Company's own credit or nonperformance risk would have in the view of a market participant. Given the significant unobservable inputs used to value embedded derivatives, they are included in Level 3.

Amounts payable to reinsurers – Modco embedded derivatives are carried at fair value and included in amounts payable to reinsurers. The fair value of modco embedded derivatives is measured at an amount equal to the unrealized gains (losses) of trading debt securities held in a segregated custody account in support of modified coinsurance arrangements. Accordingly, such modco embedded derivatives are categorized on a basis consistent with the related trading debt securities.

NOTE 4 – FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES (continued)

Financial Instruments Measured at Fair Value on a Recurring Basis

Presented below is the fair value of all assets and liabilities measured at fair value on a recurring basis as of December 31, 2020 (in thousands):

Assets	Level 1	Level 2	Level 3	Total
AFS debt securities:				
U.S. government obligations	\$ 314,327	\$ —	\$ —	\$ 314,327
Government agencies, authorities and subdivisions	5,651	1,672,589	_	1,678,240
Corporates	_	18,884,493	_	18,884,493
Private placements	_	2,376,283	177,277	2,553,560
Mortgage-backed securities	_	2,880,142	_	2,880,142
Total AFS debt securities	319,978	25,813,507	177,277	26,310,762
Trading debt securities	· —	199,551	· —	199,551
Equity securities (2)	4,530	10,604	_	15,134
Derivative assets	8,918	2,923,665	_	2,932,583
Other invested assets (2)	53,315	_	_	53,315
Separate account assets (2)	9,576	361,334	_	370,910
Amounts recoverable from reinsurers	· —	· —	5,408	5,408
Total assets subject to fair value disclosure (2)	\$ 396,317	\$ 29,308,661	\$ 182,685	\$ 29,887,663
Liabilities	Level 1	Level 2	Level 3	Total
Policyholder account liabilities (1)	\$ —	\$ —	\$ 2,495,522	\$ 2,495,522
Amounts payable to reinsurers	* _	11,319	Ψ 2, -3 35,322	11,319
Derivative liabilities	_	2,294,713	_	2,294,713
Total liabilities subject to fair value disclosure	<u>s</u> —	\$ 2,306,032	\$ 2,495,522	\$ 4,801,554
l otal liabilities subject to fair value disclosure	<u> </u>	\$ 2,306,032	\$ 2,495,522	\$ 4,801,554

^{1.} The most sensitive assumption in determining policy liabilities for indexed annuities is the rate used to discount the excess projected contract values. This discount rate reflects the Company's nonperformance risk. If the discount rates used to discount the excess projected contract values at December 31, 2020 were to change by approximately 100 basis points, the fair value of the embedded derivative would change significantly, partially offset by a change to deferred policy acquisition costs.

^{2.} In accordance with Topic 820, certain investments that are measured at fair value using NAV (or its equivalent) as a practical expedient have not been classified in the fair value hierarchy. See Financial Instruments Measured Using NAV, below.

NOTE 4 – FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES (continued)

Financial Instruments Measured at Fair Value on a Recurring Basis (continued)

The table below summarizes the reconciliation of the beginning and ending balances and related changes for the year ended December 31, 2020 for fair value measurements for which significant unobservable inputs were used in determining each instrument's fair value (in thousands):

	Beginning Balance	Trans In to Leve	ס	Transfer Out	Net Investment Gains/Loss In Earnings (realized and unrealized) ¹	Unrealized in OCI ²	Purchases	Issuances	Sales	Settlements	Ending Balance	Net Investment Gains/Losses In Earnings for Assets and Liabilities Still Held at the Ending Date
Assets												<u> </u>
Government agencies, authorities and subdivisions Corporates	\$ — 225,859	\$	_	\$ — (175,588)	\$ <u> </u>		\$ <u>_</u>	\$ <u> </u>		\$ <u>_</u>	\$ <u>_</u>	\$ <u>-</u>
Private placements	142,454		_	(1,265)	9	2,892	34,606	_	(1,419)	_	177,277	_
Trading debt securities	1,011		_	(1,015)	. 1	3	_	_	_	_	_	_
Equity securities Amounts recoverable from	_		25	_	(25)	_	_	_	_	_	_	
reinsurers	3,941		_	_	(1,939)	_	_	_	_	3,406	5,408	
Total assets	\$ 373,265	\$	25	\$ (177,868)	\$ (1,970)	\$ 7,243	\$ 34,606	\$ - \$	(56,022)	\$ 3,406	\$ 182,685	\$ <u> </u>
Liabilities												
Policyholder account liabilities	\$ 2,417,948	\$	_	\$ <u></u>	\$ 272,589	\$ <u> </u>	\$ —	\$ - \$. –	\$ (195,015)	\$ 2,495,522	\$ _
Total liabilities	\$ 2,417,948	\$	-	\$ —	\$ 272,589	\$ —	\$ —	\$ - \$	_	\$ (195,015)	\$ 2,495,522	\$ <u> </u>

Includes (losses) gains on sales of financial instruments, changes in fair value of certain instruments, and other-than-temporary impairments

Presented below is the fair value of all assets and liabilities subject to fair value determination as of December 31, 2019 (in thousands):

Assets	Level 1	Level 2	Level 3	Total
AFS debt securities:				
U.S. government obligations	\$ 287,738	\$ —	\$ —	\$ 287,738
Government agencies, authorities and subdivisions	_	2,035,245	_	2,035,245
Corporates	_	15,552,267	225,859	15,778,126
Private placements	_	2,193,794	142,454	2,336,248
Mortgage-backed securities	_	3,262,742	_	3,262,742
Total AFS debt securities	287,738	23,044,048	368,313	23,700,099
Trading debt securities	_	135,619	1,011	136,630
Equity securities (2)	4,794	23,319	_	28,113
Derivative assets	13,295	1,395,775	_	1,409,070
Other invested assets (2)	162,789	_	_	162,789
Separate account assets (2)	15,011	332,193	_	347,204
Amounts recoverable from reinsurers	_	_	3,941	3,941
Total assets subject to fair value disclosure (2)	\$ 483,627	\$ 24,930,954	\$ 373,265	\$ 25,787,846
Liabilities	Level 1	Level 2	Level 3	Total
Policyholder account liabilities (1)	\$ —	\$ —	\$ 2,417,948	\$ 2,417,948
Amounts payable to reinsurers	_	4,556	_	4,556
Derivative liabilities	_	881,670	_	881,670
Total liabilities subject to fair value disclosure	\$ —	\$ 886,226	\$ 2,417,948	\$ 3,304,174

^{1.} The most sensitive assumption in determining policy liabilities for indexed annuities is the rate used to discount the excess projected contract values. This discount rate reflects the Company's nonperformance risk. If the discount rates used to discount the excess projected contract values at December 31, 2019 were to change by approximately 100 basis points, the fair value of the embedded derivative would change significantly with an offset to deferred policy acquisition costs.

Includes changes in fair value of certain instruments.

^{2.} In accordance with Topic 820, certain investments that are measured at fair value using NAV (or its equivalent) as a practical expedient have not been classified in the fair value hierarchy. See Financial Instruments Measured Using NAV, below.

NOTE 4 – FAIR VALUE MEASUREMENTS OF ASSETS AND LIABILITIES (continued)

Financial Instruments Measured at Fair Value on a Recurring Basis (continued)

The table below summarizes the reconciliation of the beginning and ending balances and related changes for the year ended December 31, 2019 for fair value measurements for which significant unobservable inputs were used in determining each instrument's fair value (in thousands):

		Beginning Balance	Fransfer In to Level 3		ansfer Out f Level 3	Ga (re	Net nvestment ains/Loss In Earnings ealized and nrealized) 1	Unrealized OCl ²		Purc	chases	Issua	inces	Sales	Set	ttlements		Ending alance	Ga L	et Investment ains/Losses In Earnings for Assets and .iabilities Still Held at the Ending Date
Assets	_			_						-										
Government agencies, authorities																				
and subdivisions	\$	12,282	\$ _	\$	_	\$	276	\$ (1	53) \$	\$	_	\$	— \$	(12,405)	\$	_	\$	_	\$	_
Corporates		267,880	(34,363)		_		27	14,3	11		27,389		_	(49,385)		_		225,859		_
Private placements		_	19,970		_		9		(5)	13	22,510		_	(30)		_		142,454		_
Trading debt securities		_	_		_		17		_		994		_	_		_		1,011		_
Amounts recoverable from																				
reinsurers		1,571			_		(1,241)		_		_		_	_		3,611		3,941		
Total assets	\$	281,733	\$ (14,393)	\$	_	\$	(912)	\$ 14,1	53 \$	1:	50,893	\$	— \$	(61,820)	\$	3,611	\$	373,265	\$	
Liabilities																				
Policyholder account liabilities	\$	1,970,049	\$ _	\$	_	\$	435,998	\$	— \$	5	_	\$	— \$	_	\$	11,901	\$ 2,	,417,948	\$	_
Total liabilities	\$	1,970,049	\$ _	\$	_	\$	435,998	\$	— \$	\$	_	\$	— \$	_	\$	11,901	\$ 2,	,417,948	\$	

Includes (losses) gains on sales of financial instruments, changes in fair value of certain instruments, and other-than-temporary impairments.

Financial Instruments Measured Using NAV

Presented below are investments that are measured using NAV as a practical expedient as of December 31, 2020 and 2019 (in thousands):

	Fa	air Value as c	Redemption				
Assets		2020	2019	De	ecember 31, 2020	(If Currently Eligible)	Notice Period
			(in thousand	ls)			
Equity securities	\$	44,479	\$ 34,769	\$	_	Not applicable	Not applicable
Other invested assets		949,252	825,435		457,501	Not applicable	Not applicable
Short term investments		211,950	161,450		_	Not applicable	Not applicable
Separate account assets		601,159	534,588		10,688	Not applicable or Quarterly	Not applicable or 70 days
Total	\$	1,806,840	\$ 1,556,242	\$	468,189	-	

^{2.} Includes changes in fair value of certain instruments.

NOTE 5 – INVESTMENTS

Available-for-Sale Debt Securities

The amortized cost and the fair values of AFS debt securities at December 31, 2020 and December 31, 2019 were as follows (in thousands):

			ι	Gross Jnrealized		Gross realized		
At December 31, 2020	<u>A</u> r	nortized Cost		Gains	L	osses		Fair Value
AFS debt securities:								
U.S. government obligations	\$	250,758	\$	63,569	\$	_	\$	314,327
Government agencies, authorities and								
subdivisions		1,431,023		249,220		2,003		1,678,240
Corporates:								
Asset-backed securities		2,395,485		41,114		8,711		2,427,888
Communications		1,092,035		207,977		1,394		1,298,618
Consumer & retail		4,376,235		812,315		7,833		5,180,717
Financial institutions		3,004,177		529,115		1,863		3,531,429
Industrial and chemicals		2,229,542		403,286		2,353		2,630,475
REITS		472,349		40,057		982		511,424
Transportation		537,664		97,267		2,781		632,150
Utilities		2,360,182		320,765		9,155		2,671,792
Total corporates		16,467,669	- 2	2,451,896		35,072		18,884,493
Private placements		2,397,238		183,190	1	26,868		2,553,560
Mortgage-backed securities		2,630,104		257,745		7,707		2,880,142
Total AFS debt securities	\$ 2	23,176,792	\$:	3,205,620	\$	71,650	\$:	26,310,762

				Gross Unrealized	_	Gross realized		
At December 31, 2019	Am	nortized Cost		Gains		osses		Fair Value
AFS debt securities:								
U.S. government obligations	\$	255,218	\$	32,527	\$	7	\$	287,738
Government agencies, authorities and								
subdivisions		1,828,796		207,274		825		2,035,245
Corporates:								
Asset-backed securities		2,384,085		23,392		9,543		2,397,934
Communications		932,860		105,899		414		1,038,345
Consumer & retail		3,838,542		375,412	1	6,292		4,197,662
Financial institutions		2,676,450		301,185		962		2,976,673
Industrial and chemicals		1,868,333		186,683		3,761		2,051,255
REITS		516,131		27,832		6,533		537,430
Transportation		485,562		43,068		348		528,282
Utilities		1,893,086		165,949		8,490		2,050,545
Total corporates	1	4,595,049	•	1,229,420	4	6,343		15,778,126
Private placements		2,226,350		115,897		5,999		2,336,248
Mortgage-backed securities		3,106,562		162,373		6,193		3,262,742
Total AFS debt securities	\$ 2	2,011,975	\$	1,747,491	\$ 5	9,367	\$ 2	23,700,099

NOTE 5 – INVESTMENTS (continued)

Available-for-Sale Debt Securities (continued)

Unrealized gains (losses) included as a component of accumulated other comprehensive income as of December 31, 2020 and 2019 and changes therein included in other comprehensive income for the years ended December 31, 2020 and 2019 were as follows (in thousands):

		2020		2019
Balance, beginning of year	\$	743,155	\$	21,857
Net unrealized gains on AFS securities (1)		1,432,625		1,816,498
Net unrealized gains on separate accounts		2,512		2,446
Net unrealized (losses) on other invested assets		(955)		(59,470)
Deferred policy acquisition costs		(430,041)		(463,650)
Loss reserve		(4,287)		(6,406)
Reserves		(98,712)		(150,927)
Deferred income taxes (1)		(158,816)		(203,914)
Effect of ASU 2016-01 (1)		_		(45,804)
Policyholder dividend obligation		(144,876)		(167,475)
Increase in net unrealized gains (losses)		597,450		721,298
Balance, end of year	\$	1,340,605	\$	743,155
Delever and efficient includes:		2020		2019
Balance, end of year includes:	•	0.445.000	Φ	4 000 075
Net unrealized gains on AFS securities (1)	Þ	3,115,900	\$	1,683,275
Net unrealized gains on separate accounts		13,186		10,674
Net unrealized (losses) on other invested assets		(1,250)		(295)
Deferred policy acquisition costs		(840,312)		(410,271)
Loss reserve		(14,987)		(10,700)
Reserves		(226,259)		(127,547)
Deferred income taxes		(356,364)		(197,548)
Policyholder dividend obligation	_	(349,309)		(204,433)
Total	<u>\$</u>	1,340,605	\$	743,155

^{1.} In accordance with ASU 2016-01, Financial Instruments—Overall (Topic 825), the classification of trading and AFS for equity securities was removed and changes in fair value are no longer classified as AOCI.

NOTE 5 – INVESTMENTS (continued)

Available-for-Sale Debt Securities (continued)

The amortized cost and fair values of debt securities by contractual maturity at December 31, 2020, are shown below (in thousands). Expected maturities may differ from contractual maturities because borrowers may have the right to call or prepay obligations with or without call or prepayment penalties.

	Amortizea cost	rair value
Due in one year or less	\$ 494,610	\$ 503,088
Due after one year through 5 years	3,259,400	3,502,811
Due after 5 years through 10 years	3,443,504	3,793,457
Due after ten years	13,349,174	15,631,264
Mortgage-backed securities	2,630,104	2,880,142
Total	\$ 23,176,792	\$ 26,310,762

Eair Value

The Company determines the cost of investments sold based on average cost. The proceeds and gross realized gains (losses) on debt securities are shown below (in millions):

		2020	2019
Proceeds on debt securities	\$	651.7	\$ 836.3
Gross realized gains on debt securities	•	29.4	20.8
Gross realized losses on debt securities		(23.6)	(5.3)

The Company recognized realized losses resulting from other-than-temporary declines in the fair value of debt securities of \$23.2 million and \$30.9 million in 2020 and 2019, respectively.

See Note 2 for additional information on the factors considered in determining whether declines in the fair value of investments are other-than-temporary.

NOTE 5 – INVESTMENTS (continued)

Available-for-Sale Debt Securities (continued)

Gross unrealized losses and investment fair values, aggregated by investment category, industry sector, and length of time that individual securities have been in a continuous unrealized loss position as of December 31, 2020 were as follows (in thousands):

	Les	s than	12 m	onths	12 mo	nths o	r more	To	tal	
			Un	realized		U	nrealized		Un	realized
	Fair \	/alue	L	osses	Fair Valu	ıe	Losses	Fair Value	L	.osses
Description of securities	·									
U.S. government obligations	\$	_	\$	_	\$ -	- \$	_	\$ —	\$	_
Government agencies, authorities and										
subdivisions	2	1,144		2,003	_	_	_	21,144		2,003
Corporates:										
Asset-backed securities	37	8,931		2,505	157,27	8	6,206	536,209		8,711
Communications	5	9,711		1,394	-	_	_	59,711		1,394
Consumer & retail	11	8,471		4,087	39,61	8	3,746	158,089		7,833
Financial institutions	2	5,100		726	3,86	3	1,137	28,963		1,863
Industrial and chemicals	4	2,201		426	12,13	3	1,927	54,334		2,353
REITS	3	8,902		982	-	_	_	38,902		982
Transportation	5	7,586		2,781	_	_	_	57,586		2,781
Utilities	15	6,305		4,774	26,93	0	4,381	183,235		9,155
Total corporates	87	7,207		17,675	239,82	2	17,397	1,117,029		35,072
Private placements	22	8,018		22,467	75,70	5	4,401	303,723		26,868
Mortgage-backed securities	8	1,784		7,222	59	7	485	82,381		7,707
Total debt securities	\$ 1,20	8,153	\$	49,367	\$ 316,12	4 \$	22,283	\$ 1,524,277	\$	71,650

Gross unrealized losses and investment fair values, aggregated by investment category, industry sector, and length of time that individual securities have been in a continuous unrealized loss position as of December 31, 2019 were as follows (in thousands):

	Less than	12 months	12 months	s or more	Tot	al
		Unrealized		Unrealized		Unrealized
	Fair Value	Losses	Fair Value	Losses	Fair Value	Losses
Description of securities	·					
U.S. government obligations	\$ —	\$ —	\$ 2,640	\$ 7	\$ 2,640	\$ 7
Government agencies, authorities and						
subdivisions	39,403	825	_	_	39,403	825
Corporates:						
Asset-backed securities	562,364	4,836	405,923	4,707	968,287	9,543
Communications	36,342	414	_	_	36,342	414
Consumer & retail	191,017	5,046	142,618	11,246	333,635	16,292
Financial institutions	40,994	362	19,400	600	60,394	962
Industrial and chemicals	108,484	1,642	46,349	2,119	154,833	3,761
REITS	1,280	30	19,297	6,503	20,577	6,533
Transportation	18,285	348	_	_	18,285	348
Utilities	136,416	1,934	44,904	6,556	181,320	8,490
Total corporates	1,095,182	14,612	678,491	31,731	1,773,673	46,343
Private placements	85,285	3,802	70,969	2,197	156,254	5,999
Mortgage-backed securities	183,629	3,259	132,212	2,934	315,841	6,193
Total debt securities	\$ 1,403,499	\$ 22,498	\$ 884,312	\$ 36,869	\$ 2,287,811	\$ 59,367

NOTE 5 – INVESTMENTS (continued)

Available-for-Sale Debt Securities (continued)

Based upon the Company's analysis of market factors affecting the fair value of debt securities, as well as facts and circumstances surrounding the individual securities, the Company's assessment around the probability of all contractual cash flows, and the Company's ability and intent to hold the individual securities to maturity or recovery, the Company believes that the unrealized losses on these securities at December 31, 2020 and 2019 were temporary.

The Company does not intend to sell these securities nor are there any requirements to sell these securities. The Company will continue to monitor these holdings for any underlying deterioration in future quarters that would indicate that an individual security will not recover and will record OTTI as appropriate.

Trading Debt Securities

Trading debt securities consist of fixed maturity securities held in a segregated custody account, which support a modified coinsurance arrangement that became effective in 2018. The cost of trading debt securities held at December 31, 2020 and 2019 was \$199.6 million and \$136.6 million, respectively.

Equity Securities

The cost of equity securities held at December 31, 2020 and 2019 was \$59.6 million and \$62.9 million, respectively. The total return on certain equity investments is intended to offset the net appreciation or depreciation in value of certain defined contribution deferred compensation liabilities. The net change in deferred compensation liabilities is included in operating expenses.

NOTE 5 – INVESTMENTS (continued)

Mortgage Loans and Real Estate

The distributions of mortgage loans and real estate at December 31 were as follows (in thousands):

	2020	2019
Geographic Region		
New England	6.5 %	6.4 %
Middle Atlantic	7.0	6.9
East North Central	9.4	9.5
West North Central	14.6	13.5
South Atlantic	20.2	20.1
East South Central	4.6	4.8
West South Central	10.8	10.1
Mountain	11.0	12.0
Pacific	15.9	16.7
Total	100.0 %	100.0 %
Property Type		
Apartment	24.3 %	21.5 %
Retail	24.4	24.3
Office Building	26.8	30.1
Industrial	21.0	18.3
Other Commercial	3.5	5.8
Total	100.0 %	100.0 %
Mortgage loans	3,977,987	3,718,391
Real estate investments	11,185	11,806
Total mortgage loans and real estate	\$ 3,989,172	\$ 3,730,197

The Company applies a consistent and disciplined approach to evaluating and monitoring credit risk, and monitors credit quality on an ongoing basis. Quality ratings are based on internal evaluations of each loan's specific characteristics, considering a number of key inputs. The two most significant contributors to the credit quality are debt service coverage and loan-to-value ratios. The debt service coverage ratio measures the amount of property cash flow available to meet annual interest and principal payments on debt. The loan-to-value ratio ("LTV"), commonly expressed as a percentage, compares the amount of the loan to the fair value of the underlying property collateralizing the loan.

NOTE 5 – INVESTMENTS (continued)

Mortgage Loans and Real Estate (continued)

The following tables summarize the credit quality of the Company's current commercial mortgage loan portfolio based on loan-to-value and debt service coverage ratios:

Debt Service Coverage Ratios as of December 31, 2020 (amounts in millions)

LTV Range	≥ 2.0x	1.5x to <2.0x	1.25x to <1.5x	1.0x to <1.25x	<1.0x	Total Carrying Value
< 50%	828.9	\$ 207.2	\$ 31.6	\$ 34.3	\$ —	\$ 1,102.0
50% - 60%	787.6	507.7	91.3	21.5	_	1,408.1
60% - 70%	467.1	364.5	186.6	23.7	30.9	1,072.8
70% - 80%	83.1	180.4	43.5	19.2	12.3	338.5
80% - 90%	_	9.2	4.2	14.7	6.7	34.8
> 90%	_	3.7	_	19.2	_	22.9
Total	\$ 2,166.7	\$ 1,272.7	\$ 357.2	\$ 132.6	\$ 49.9	\$ 3,979.1

Debt Service Coverage Ratios as of December 31, 2019 (amounts in millions)

						l otal
		1.5x to	1.25x to	1.0x to		Carrying
LTV Range	≥ 2.0x	<2.0x	<1.5x	<1.25x	<1.0x	Value
< 50%	708.5	\$ 197.3	\$ 43.7	\$ 39.3	\$ 15.0	\$ 1,003.8
50% - 60%	963.4	392.3	50.3	23.3	7.4	1,436.7
60% - 70%	360.1	405.4	170.9	88.1	7.3	1,031.8
70% - 80%	12.6	79.0	44.2	9.7	_	145.5
80% - 90%		30.6	35.3		2.5	68.4
> 90%	_	3.7	11.2	7.4	10.6	32.9
Total	\$ 2,044.6	\$ 1,108.3	\$ 355.6	\$ 167.8	\$ 42.8	\$ 3,719.1

The difference between the total carrying value reflected in the tables above and the carrying value reflected in the Consolidated Balance Sheets is due to the related valuation allowance which is a general valuation allowance not attributable to any one mortgage and the market value adjustment on the hedge.

Mortgage loans and related valuation allowances at December 31, 2020 and 2019 were as follows (in thousands):

	2020	2019
Commercial loans	\$ 3,980,563	\$ 3,720,613
Valuation allowance	(2,783)	(1,300)
Impaired loans	(1,512)	(1,512)
Market value adjustment on hedge	1,719	590
Total	\$ 3,977,987	\$ 3,718,391

NOTE 5 – INVESTMENTS (continued)

Mortgage Loans and Real Estate (continued)

The table below includes additional disclosures for impaired loans as of December 31, 2020 and 2019 (in thousands):

	2020	2019
Impaired loans:		
Average total investment	\$ 5,226	\$ 9,086
Interest income recognized	203	201
Interest received	186	186
Unpaid principal balance	5,226	5,226

No mortgage loan or real estate impairments were recognized in 2020 and 2019.

Activity in the valuation allowance for mortgage loans for the years ended December 31, 2019 and 2018 was as follows (in thousands):

	2020	2019
Balance, beginning of year	\$ 1,300	\$ 1,100
Changes to previously established valuation allowance	1,483	200
Balance, end of year	\$ 2,783	\$ 1,300

Mortgage Loans Modified in a Troubled Debt Restructuring

For a small portion of the Company's commercial mortgage loan portfolio classified as troubled debt restructuring, the Company grants concessions related to the borrowers' financial difficulties. Generally, the types of concessions include: 1) reduction of the contractual interest rate, 2) extension of the maturity date at an interest rate lower than current market interest rates and/or 3) a reduction of accrued interest. The Company considers the amount, timing and extent of the concession granted in determining any impairment or changes in the specific valuation allowance recorded in connection with the troubled debt restructuring. Through the portfolio monitoring process, the Company may have recorded a specific valuation allowance prior to the quarter when the loan was modified in a troubled debt restructuring. Accordingly, the carrying value (after specific valuation allowance) before and after modification through a troubled debt restructuring may not change significantly.

At December 31, 2020 and 2019, no loans were modified during the period in a troubled debt restructuring. Payment default is determined in the same manner as delinquency status, which is when interest and principal payments are 90 days past due.

NOTE 5 – INVESTMENTS (continued)

Other Invested Assets

Other invested assets included the following as of December 31, 2020 and 2019 (in thousands):

	2020			2019
Limited partnerships	\$	936,066	\$	814,760
Affordable housing tax credits		102,347		130,038
Non-cash broker collateral		53,315		162,789
FHLB common stock		88,298		93,581
Other		13,281		35,266
Other invested assets	\$	1,193,307	\$	1,236,434

Variable Interest Entities

The table below includes certain information regarding VIEs in which the Company held a variable interest as of December 31, 2020 and 2019 (in thousands).

		2020					2019				
	•	Total VIE	Ma	ximum Exposure		Total VIE	Ma	ximum Exposure			
Investment Type		Assets (1)		to Loss (2)		Assets (1)		to Loss (2)			
Investment in notes	\$	164,504	\$	164,504	\$	138,888	\$	138,888			
Other invested assets		6,210		2,324		18,629		2,271			

- 1. Represents assets of the VIEs which the Company does not have the right to make use of to satisfy its own obligations.
- 2. Represents the Company's investments in these entities, plus any accrued receivables due from these entities.

Net Investment Income

The components of net investment income for the years ended December 31, 2020 and 2019 were as follows (in thousands):

2020		2019
\$ 982,774	\$	980,809
4,281		5,954
158,657		168,170
43,786		44,644
3,714		3,342
173,139		483,036
77,137		86,536
1,987		2,954
1,445,475		1,775,445
(30,457))	(34,586)
<u>\$ 1,415,018</u>	\$	1,740,859
	\$ 982,774 4,281 158,657 43,786 3,714 173,139 77,137 	\$ 982,774 \$ 4,281 158,657 43,786 3,714 173,139 77,137 1,987 1,445,475 (30,457)

NOTE 5 – INVESTMENTS (continued)

Net investment gains and (losses)

The following summarizes the components of net investment gains and (losses), including other-than-temporary impairments, by asset category for the years ended December 31, 2020 and 2019 (in thousands):

	2020			2019		
Debt securities	\$	(9,781)	\$	(11,494)		
Equity securities		6,250		6,760		
Mortgage loans		(2,501)		(787)		
Partnerships		(7,702)		(19,449)		
Other invested assets		37		(5,756)		
Real estate		_		(102)		
Embedded derivative		(6,665)		(4,556)		
Debt retirement		_		(688)		
Impairment of software				(2,786)		
Total	\$	(20,362)	\$	(38,858)		

Derivatives

The Company enters into interest rate swaps to reduce market risks from changes in interest rates. These swaps are used to hedge changes in fair value of certain bond and mortgage investments. The Company has designated interest rate swaps as fair value hedges. The interest rate swaps are used to convert fixed rate assets to floating rate. The Company recognizes gains and losses on the swaps along with the related hedged items within net investment income on the Consolidated Statements of Comprehensive Income. Ineffectiveness recognized through net investment income in the years ended December 31, 2020 and 2019 was \$1.0 million.

The Company credits interest on policyholder account liabilities for certain of its products based on the performance of certain indexes (such as S&P 500), subject to contractual participation rates and caps on returns. These participation rates and caps are set each policy anniversary. The Company economically hedges the exposure for the next policy year, at the time the participation rates and caps are set, by entering into over-the-counter (OTC) options and exchange-traded futures contracts on the underlying indexes in an amount that approximates the obligation of the Company to credit interest at the policy anniversary, with adjustments for lapse assumptions. These derivative instruments do not qualify for hedge accounting and, therefore, changes in their fair value are included within net investment income. Call options purchased are included in derivatives assets at fair value. Call options written are included in derivatives liabilities and are carried at fair value. Since the derivatives purchased are based on the same indexes that the crediting rates are based upon, they substantially offset the market risk associated with the crediting rate in the policy year being hedged.

Under U.S. GAAP, indexed annuity and life contracts reported in policyholder account liabilities include embedded derivatives, which reflect the fair value of the Company's future obligations related to interest crediting that is based on the performance of certain indexes, as specified in the respective contracts. The embedded derivative liabilities were \$2.50 billion and \$2.42 billion at December 31, 2020 and 2019, respectively.

NOTE 5 – INVESTMENTS (continued)

Derivatives (continued)

The Company purchases options only from highly rated counterparties. However, in the event a counterparty failed to perform, the Company's exposure would be equal to the fair value of the net options held from that counterparty. The Company held collateral from counterparties as secured OTC call options to mitigate a portion of this risk in the amount of \$580.2 million and \$469.2 million as of December 31, 2020 and 2019, respectively. The Company utilizes a scale based on credit rating of the counterparty to determine the appropriate amount of counterparty risk. As of December 31, 2020, there was no derivative counterparty exposure that exceeded \$25.1 million, net of collateral.

The Company has embedded derivatives related to reinsurance contracts that are accounted for on a modified coinsurance basis. An embedded derivative exists because the arrangement exposes the reinsurer to third party credit risk. The embedded derivative is included in amounts recoverable from/payable to reinsurers, with changes in the fair value of the embedded derivative reported in net investment gains and (losses).

The notional amounts and the fair value of derivatives at December 31, 2020 and 2019, excluding embedded derivatives, were as follows (in thousands):

		2020				201	Primary Underlying		
		Notional		Fair Value	No	tional	Fair Value	Risk Exposure	
Options purchased	\$	14,432,290		2,890,286	\$ 11,	962,530	1,382,967	Equity market	
Options written		(12,681,670)		(2,276,087)	(10,	663,430)	(876,635)	Equity market	
Swaptions purchased		200,000		103		200,000	122	Interest rates	
Interest rate swaps	(1)	255,454		14,651		255,454	7,651	Interest rates	
Futures purchased		3,189		8,917		30,748	 13,295	Equity market	
Net fair market value			\$	637,870			\$ 527,400		

^{1.} Interest rates swaps are reflected net of cash margin collateral of \$33.3 million and \$12.6 million as of December 31, 2020 and 2019, respectively, in the Consolidated Balance Sheets.

NOTE 6 – REINSURANCE

The Company reinsures certain risks assumed in the normal course of business. Effective in March 2018, for certain indexed universal life products, the Company may retain up to \$4 million of risk on an individual life. For other individual life products sold on or after August 16, 2004, the Company generally retains no more than \$2 million of risk on any person (excluding accidental death benefits and dividend additions). For individual life products sold after 2001 but prior to August 16, 2004, the Company generally retains no more than \$1 million of risk on any person (excluding accidental death benefits and dividend additions). On individual life business issued prior to 2002, the Company generally retains no more than \$3 million of risk (excluding accidental death benefits and dividend additions). Reinsurance for life products is ceded under yearly renewable term, coinsurance, and modified coinsurance agreements with various reinsurers.

Disability income products are reinsured under coinsurance and modified coinsurance agreements primarily with Unum Provident Corporation ("UNUM"). Under the terms of the agreements, the Company has agreed to pay UNUM an interest rate of 9.5% on the reserves of original modified coinsurance block and 7.0% on the other modified coinsurance reserves held by the Company.

Other income includes \$4.4 million and \$4.0 million in 2020 and 2019, respectively, related to the Company's disability income reinsurance. Such income is largely offset by expenses incurred by the Company related to this block of business. Reserve transfers and interest payments under modified coinsurance agreements are

NOTE 6 – REINSURANCE (continued)

included in the Consolidated Statements of Comprehensive Income as a component of decrease in policy liabilities expense.

Effective October 1, 2018, new issuances of certain of our indexed annuity products are subject to a quota share modified coinsurance arrangement with an unaffiliated reinsurer. The quota share ceded is currently 80% and may be adjusted for future sales. The quota share ceded for new issuances included in this agreement prior to 2020 was 50%. As the ceding company we retain the reserves, as well as the assets backing those reserves, and the reinsurer shares proportionally in all financial terms of the reinsured policies based on their respective percentage of the risk.

The effects of reinsurance for the years ended December 31, 2020 and 2019 were as follows (in thousands).

		2020		2019
Insurance premiums: Direct	\$	305,788	\$	280,944
Reinsurance assumed	Ψ	(570)	Ψ	835
Reinsurance ceded		(41,718)		(48,523)
Total insurance premiums	\$	263,500	\$	233,256
Decrease in policy liabilities:				
Direct	\$	(80,884)	\$	(62,282)
Reinsurance assumed		_		_
Reinsurance ceded		32,924		49,587
Total decrease in policy liabilities	<u>\$</u>	(47,960)	\$	(12,695)
Policy benefits:				
Direct	\$	722,383	\$	555,476
Reinsurance assumed	Ψ	2,587	Ψ	
Reinsurance ceded		(85,966)		(68,535)
Total policy benefits	\$	639,004	\$	486,941
Policyholders' dividends:				
Direct	\$	22,009	\$	46,759
Reinsurance ceded	Ψ	(121)	Ψ	(260)
Total policyholders' dividends	<u>\$</u>	21,888	\$	46,499

The Company remains liable in the event any reinsurer is unable to meet its assumed obligations. The Company regularly evaluates the financial condition of its reinsurers and concentrations of credit risk of reinsurers to minimize its exposure to significant losses from reinsurer insolvencies. The Company's largest reserve credit as of December 31, 2020 and 2019 was with Hannover Life Reinsurance Company of America for \$545.2 million and \$515.5 million, respectively. Total life insurance in force subject to reinsurance as of December 31, 2020 and 2019 was approximately \$211.9 billion and \$173.3 billion, respectively.

The Company assumes a small amount of reinsurance from other companies. These reinsurance arrangements provide for greater diversification of business, allow management to control exposure to potential losses, and provide additional capacity for growth.

NOTE 7 – DEFERRED POLICY ACQUISITION COSTS

The table below reflects the changes in the deferred policy acquisition costs asset for the years ended December 31, 2020 and 2019.

(in thousands)	2020	2019
Balance, beginning of year	\$ 1,856,701	\$ 2,093,111
Acquisition costs deferred	601,893	595,010
Amortization	(380,174)	(367,769)
Adjustment through other comprehensive income	(430,040)	(463,651)
Balance, end of year	\$ 1,648,380	\$ 1,856,701

The components of the sales inducement asset ("SIA") are shown below (amounts in millions):

	SIA			
	 2020		2019	
Beginning of year	\$ 167.8	\$	149.7	
Deferral	34.6		37.5	
Amortization and assumption changes, net	 (23.5)		(19.3)	
End of year	\$ 178.9	\$	167.8	

NOTE 8 – FEDERAL INCOME TAXES

The Company files income tax returns in the U.S. federal and certain state jurisdictions. The Company is no longer subject to U.S. federal, state and local income tax examinations by tax authorities for years prior to 2017. The Company's 2010 through 2013 consolidated federal income tax return IRS examination was finalized in 2020.

The components of federal income taxes and a reconciliation of the expected and actual federal income taxes and income tax rates for the years ended December 31 were as follows (in thousands):

		2020		2019)
		Amount	Rate	Amount	Rate
Current	\$	28,178		\$ 89,641	
Deferred		(12,934)		(33,140)	
Total income tax expense	\$	15,244		\$ 56,501	
Expected income taxes	\$	43,865	21.0%	\$ 58,809	21%
Dividends received deduction		(683)	(0.3)	(841)	(0.3)
Affordable housing tax credits		(25,621)	(12.3)	(27,125)	(9.7)
Corporate owned life insurance		(3,744)	(1.8)	(2,914)	(1.0)
CARES Act		(26,021)	(12.5)	_	
State income taxes		3,293	1.6	3,128	1.1
Other, net		2,199	1.1	3,443	1.2
Total without amortization	\$	(6,712)		\$ 34,500	
Effective rate without amortization	_		(3.2)%		12.3%
Affordable housing tax credit amortization	\$	21,956	10.5	\$ 22,001	7.9
Total income tax expense	\$	15,244		\$ 56,501	
Effective federal income tax rate			7.3%		20.2%

Effective March 27, 2020, the U.S. enacted the Coronavirus Aid, Relief, and Economic Security Act ("CARES Act") into law. With respect to this legislation, the Company filed a net operating loss carryback claim resulting in a \$26.0 million tax benefit recorded in the current year.

The Company paid \$35.5 million and received \$7.4 million in federal income taxes during 2020 and 2019, respectively.

A reconciliation of the beginning to ending amount of unrecognized tax benefits is as follows (in thousands):

	 2020	2010
Balance, beginning of year	\$ 5,121	\$ 6,469
Reductions based on tax positions related to current year	_	(1,348)
Reductions based on tax positions related to prior years	 (5,121)	
Balance, end of year	\$ _	\$ 5,121

As of 2020, there are no unrecognized tax benefits for the Company. It is likely there will be no significant change in the amount of unrecognized tax benefits within the next twelve months.

The Company recognizes interest and penalties accrued related to unrecognized tax benefits in tax expense. During the years ended December 31, 2020 and 2019, the Company has recognized approximately \$1.6 million

and \$0.7 million in expense, respectively, related to interest and penalties. The Company had zero and approximately \$4.8 million accrued for interest and penalties at December 31, 2020 and 2019, respectively. Components of net deferred income tax liabilities at December 31 were as follows (in thousands):

	2020	2019
Deferred income tax assets:		
Policy liabilities	\$ 513,905	\$ 403,668
Pension and other employee benefits	44,180	42,252
Loss carryforwards	_	847
Other	1,867	
Total deferred income tax assets	559,952	446,767
Deferred income tax liabilities:		
Deferred policy acquisition costs	214,279	278,785
Debt/equity securities	17,783	13,982
Other invested assets	32,110	25,284
Net UCG AFS debt/equity securities	670,689	363,218
Property and equipment	26,221	22,759
Other		410
Total deferred income tax liabilities	961,082	704,438
Total net deferred income tax liabilities	\$ 401,130	\$ 257,671

Management believes it is more likely than not that the Company will realize the benefit of deferred tax assets. Therefore, no valuation allowance was recorded as of December 31, 2020 or 2019.

At December 31, 2020, the Company had zero federal operating loss carryforwards and no tax credit carryforwards.

NOTE 9 – BENEFIT PLANS

The Company sponsors a qualified defined benefit pension plan covering substantially all employees. The plan is non-contributory, with benefits for National Life employees hired prior to July 1, 2001, based on an employee's retirement age, years of service, and compensation near retirement. Benefits for National Life employees hired after June 30, 2001, and other Company employees, are based on the amount credited to the employee's account each year, which is a factor of the employee's age, service, and compensation, increased at a specified rate of interest. On December 14, 2020, the Company announced that the plan will be closed to new entrants, effective for employees hired on or after January 1, 2021.

The Company also sponsors a frozen non-contributory qualified defined benefit plan that provided benefits to employees in the career channel general agencies. The plan was amended effective January 1, 2004 to freeze plan benefits. No new participants were admitted to the plan after December 31, 2003, and there were no increases in benefits after December 31, 2003 for existing participants. These pension plans are separately funded. Plan assets are primarily mutual funds and bonds held in a Company separate account and funds invested in a group variable annuity contract held in the general account of National Life. None of the securities held in the Company's separate account were issued by the Company.

The Company sponsors other pension plans, including a non-contributory defined benefit plan for National Life career general agents who met the eligibility requirements to enter the plan prior to January 1, 2005, and a non-contributory defined supplemental benefit plan for certain executives. These defined benefit pension plans are non-qualified and are not separately funded.

NOTE 9 – BENEFIT PLANS (continued)

The Company sponsors defined benefit postemployment plans that provide medical benefits to employees, agency staff and agents. Medical coverage is contributory; with retiree contributions adjusted annually, and contain cost sharing features such as deductibles and copayments. The postemployment plans are not separately funded, and the Company, therefore, pays for plan benefits from operating cash flows. The costs of providing these benefits are recognized as they are earned by employees.

The Company also sponsors various defined contribution and deferred compensation plans.

Information with respect to the defined benefit plans as of and for the years ended December 31, 2020 and 2019 was as follows (in thousands):

	Pension	Benefits	Other Benefits			
	2020	2019	2020	2019		
Change in benefit obligation:				_		
Benefit obligation, beginning of year	\$ 488,296	\$ 431,145	\$ 25,119	\$ 25,086		
Service cost for benefits earned during the period	8,660	8,391	584	241		
Interest cost on benefit obligation	15,901	17,428	860	984		
Plan participants' contributions	_		_			
Actuarial losses (gains)	48,041	68,834	3,730	19		
Settlement/curtailment	_	(13,645)	_	_		
Plan amendment	_	_	1,183	1,204		
Benefits paid	(28,356)	(23,857)	(2,418)	(2,415)		
Benefit obligation, end of year	532,542	488,296	29,058	25,119		
Change in plan assets:						
Plan assets, beginning of year	396,927	346,949	_	_		
Actual (losses) income on plan assets	50,992	64,592	_	_		
Employer contributions	8,356	22,888	1,235	1,211		
Settlement/curtailment	_	(13,645)	_	_		
Plan participants' contributions	_		1,183	1,204		
Benefits paid	(28,356)	(23,857)	(2,418)	(2,415)		
Plan assets, end of year	427,919	396,927				
Funded Status	\$ (104,624)	\$ (91,369)	\$ (29,058)	\$ (25,119)		

NOTE 9 – BENEFIT PLANS (continued)

	Pension Benefits			Other Benefi			efits
		2020	2019		2020		2019
Amounts recognized in the Consolidated							
Balance Sheets as of December 31,:							
Pension and other post-retirement benefit obligations							
liability	\$	(37,885)	\$ (43,032)	\$	23,881	\$	23,427
Accumulated other comprehensive income		142,509	134,401		5,178		1,692
Net amount recognized	\$	104,624	\$ 91,369	\$	29,059	\$	25,119
Pension and other post-retirement benefit obligations							
liability	\$	(104,624)	\$ (91,369)	\$	(29,059)	\$	(25,119)
Amounts recognized in accumulated other							
comprehensive income consists of:							
Net actuarial loss	\$	142,422	\$ 134,301	\$	5,178	\$	1,692
Net prior service cost		87	100		· —		_
	\$	142,509	\$ 134,401	\$	5,178	\$	1,692

The total accumulated benefit obligation ("ABO"), the accumulated benefit obligation and fair value of plan assets for the Company's pension plans with accumulated benefit obligations in excess of plan assets, and the projected benefit obligation and fair value of plan assets for pension plans with projected benefit obligations in excess of plan assets as of the measurement date was as follows as of December 31, 2020 and 2019 (in thousands):

	2020	2019
Total Accumulated Benefit Obligation	\$ 492,652	\$ 447,934
Plans with ABO in excess of plan assets:		
ABO	492,652	447,934
Fair value of plan assets (1)	427,911	396,897
Plans with PBO in excess of plan assets:	•	
PBO	532,542	488,296
Fair value of plan assets (1)	427,911	396,897

⁽¹⁾ The difference to total plan assets shown on the prior page is due to accrual for income and liabilities that are not carried at fair value.

The components of net periodic benefit cost for the years ended December 31, 2020 and 2019 were as follows (in thousands):

	Pension	Benefits	Other Benefits		
	2020	2019	2020	2019	
Service cost for benefits earned during the period	\$ 8,660	\$ 8,391	\$ 584	\$ 241	
Interest cost on benefit obligation	15,901	17,428	860	983	
Expected income on plan assets	(20,493)	(17,816)	_	_	
Net amortization of actuarial losses (gains)	9,420	10,356	244	(119)	
Settlement/curtailment	_	5,081	_	· —	
Amortization of prior service benefits and plan					
amendments	14	14	_	_	
Net periodic benefit cost (included in operating					
expenses)	\$ 13,503	\$ 23,454	\$ 1,688	\$ 1,105	

NOTE 9 – BENEFIT PLANS (continued)

Other changes in plan assets and benefit obligations recognized in other comprehensive income (in thousands):

	Pension Benefits			Other Benefits			
	2020	2019		2020		2019	
Net gain (loss)	\$ (17,542)	\$ (22,058)	\$	(3,730)	\$	(19)	
Prior service cost	_	_		_		_	
Amortization of loss	9,421	10,356		244		(119)	
Amortization of prior service cost (benefits)	14	14		_		` —	
Recognition of settlement loss	_	5,081		_		_	
Total recognized in other comprehensive income	\$ (8,107)	\$ (6,607)	\$	(3,486)	\$	(138)	

Over the next year, the estimated amount of amortization from accumulated other comprehensive income into net periodic benefit cost related to net actuarial losses and prior service benefit is \$9.9 million and \$14 thousand, respectively.

The actuarial assumptions used in determining benefit obligations at the measurement dates were as follows:

	Pension	Benefits	Other Benefits		
	2020	2019	2020	2019	
Discount rate	2.55%	3.35%	2.55%	3.35%	
Rate of increase in future compensation levels	4.0% - 5.0%	4.0% - 5.0%			

The weighted-average assumptions used to determine net periodic benefit cost:

	Pension	Other Benefits		
	2020	2019	2020	2019
Discount rate	3.35%	4.25%	3.35%	4.25%
Rate of increase in future compensation levels	4.0% - 5.0%	3.0% - 5.0%		
Expected long term return on plan assets	5.30%	5.30%		

Included in the pension and other post-retirement benefit obligations liability as reported on the Consolidated Balance Sheets are deferred compensation and employee disability liabilities of \$63.2 million and \$49.3 million as of December 31, 2020 and 2019, respectively.

Assumed health care cost trend rates ("HCCTR") at December 31, 2020:

Weighted average health care cost trend rate assumed for next year	6.18%
Rate to which the cost trend rate is assumed to decline	5%
Year that the rate reaches the ultimate trend rate	2029

Increasing the assumed HCCTR by one percentage point in each year would increase the accumulated post-retirement benefit obligation ("APBO") by about \$0.75 million and would increase service and interest costs by less than \$0.1 million. Decreasing the assumed HCCTR by one percentage point in each year would reduce the APBO by approximately \$0.68 million and would reduce service and interest costs by less than \$0.1 million.

The Company uses the straight-line method of amortization for prior service cost and unrecognized gains and losses.

NOTE 9 – BENEFIT PLANS (continued)

The percentage distribution of the fair value of total plan assets held as of the measurement date is as follows:

Plan Asset Category	December 31, 2020	December 31, 2019
Fixed income	91%	90%
Group annuity contract and other	9%	10%
Total	100%	100%

The primary objective is to maximize long-term total return within the investment policy and guidelines. The Company's investment policy for the plan assets associated with the separately funded plans is to maintain a target allocation of approximately 90%-100% fixed income and 0–10% alternative investments when measured at fair value.

The Company's expected future long-term rate of return of 5.3%, for the agency and home office employee plans, is based upon the combination of current asset mix of partnerships and fixed income, the Company's historical and projected experience, and on long-term projections by investment research organizations.

NOTE 9 – BENEFIT PLANS (continued)

The concentrations of credit risk associated with the plan assets are shown in the table below (in thousands):

			2020		2019
Fixed income	Aerospace/Defense	\$	11,027	\$	10,598
	Airlines		633		692
	Automotive		2,604		2,451
	Banking		43,287		39,133
	Cable		7,456		6,603
	Chemicals		3,993		3,636
	Consumer products		16,119		13,412
	Food and Beverage		16,202		13,243
	Government agency		22,648		25,593
	Health Care		11,874		10,628
	Housing		15,165		10,946
	Insurance - Health		4,366		3,812
	Insurance - Property and Casualty		20,618		18,192
	Insurance - Life		6,069		5,441
	Independent		3,097		2,919
	Integrated		5,010		4,687
	Local authorities	11,367 2,531	11,367		10,896
	Machine Construction		2,531		2,846
	Manufacturing		4,322		3,003
Media Metals/Mining	6,390	6,390		5,914	
		11,613		10,197	
	Midstream		3,150		3,128
	Pharmaceuticals	20,536 11,173		16,267	
	Railroads		11,173		16,509
	Real Estate Investment Trusts		4,051		3,970
	Retailers		10,306		9,021
	Technology		24,188		23,123
	Transportation		12,063		10,808
	Utilities		36,262		33,088
	Wireless		3,766		3,387
	Wirelines		6,590		5,051
	Bond Funds		27,929		25,323
	Total fixed income	3	386,405	- ;	354,516
Partnerships			29,778		24,801
Cash			8,611		14,180
Group annuity			259		400
•	Total Investments (1)	\$ 4	125,053	\$:	393,897

⁽¹⁾ The difference to total plan assets of \$427,919 in 2020 and \$396,927 for 2019 shown in the changes in plan assets are accruals for income and liabilities.

The assets of the Company's separately funded pension plans are held in the Company's separate account.

NOTE 9 – BENEFIT PLANS (continued)

The valuation techniques used for the plan assets are:

<u>Corporates</u> – Corporate bonds are valued using cash flow models based on appropriate observable inputs such as market quotes, yield curves, interest rates, and spreads. Corporate bonds are categorized as Level 2 in the fair value hierarchy. Bond mutual funds that have a readily determinable NAV are not categorized in the fair value hierarchy.

<u>Partnerships</u> - Investments in limited partnerships do not have a readily determinable fair value, and, as such, the Company values them at its pro-rata share of the limited partnership's NAV, or its equivalent. Investments in limited partnerships are not categorized in the fair value hierarchy.

<u>Group annuity</u> - This category consists of an investment in a National Life group variable annuity contract. The contract is carried at amortized cost, which approximates fair value. These assets are categorized in Level 2 of the hierarchy.

The valuation of plan assets as of December 31, 2020 and 2019 is as follows (in thousands):

2020 Fair Value Assets	 Level 1		Level 2	 Level 3	_	Total
Corporates (1)	\$ _	\$	361,342	\$ _	\$	361,342
Cash	8,611		_	_		8,611
Group annuity	 		259			259
Total Plan Assets (1)	\$ 8,611	\$	361,601	\$ _	\$	370,212
2019 Fair Value Assets	 Level 1	_	Level 2	 Level 3	_	Total
Corporates ⁽¹⁾ Cash Group annuity	\$ 14,180 —	\$	332,192 — 400	\$ _ _ _	\$	332,192 14,180 400
Total Plan Assets (1)	\$ 14,180	\$	332,592	\$ _	\$	346,772

^{1.} In accordance with Topic 820, certain investments that are measured at fair value using NAV (or its equivalent) as a practical expedient have not been classified in the fair value hierarchy. As of December 31, 2020, the fair value of these investments in corporates and partnerships were \$27,929 and \$29,778, respectively. As of December 31, 2019, the fair value of these investments in corporates and partnerships were \$25,323 and \$24,801, respectively.

NOTE 9 – BENEFIT PLANS (continued)

Projected benefit payments for defined benefit obligations, and for projected Medicare Part D reimbursements for each of the five years following December 31, 2020, and in aggregate for the five years thereafter is as follows (in thousands):

Year	•	ected Pension efit Payments	•	ected Other fit Payments	•	ted Medicare eimbursements
 2021	\$	29,120	\$	1,780	\$	65
2022		28,328		1,778		65
2023		29,185		1,808		65
2024		31,463		1,843		64
2025		31,088		1,819		63
2026-2030		155.598		8.378		291

The Company's general policy is to contribute the regulatory minimum required amount into its separately funded defined benefit pension plan. However, the Company may elect to make larger contributions subject to maximum contribution limitations. The Company's expected contribution for 2021 into its separately funded defined benefit pension plans is anticipated to be up to \$15.3 million.

The Company provides employees with a 401(k) plan. Under the Company's 401(k) plan for employees, eligible employees earning less than a specified amount and hired prior to January 1, 2021 receive a 75% match up to 6% of an employee's salary, subject to maximum contribution guidelines. Employees earning more than the specified amount receive a 50% match up to 6% of an employee's salary, subject to maximum contribution guidelines. On December 14, 2020, the Company announced that employees hired on or after January 1, 2021 will receive a 100% match up to 6% of an employee's salary, subject to maximum contribution guidelines. Additional employee voluntary contributions may be made to the plans subject to contribution guidelines. Vesting and withdrawal privilege schedules are attached to the Company's matching contributions. Effective January 1, 2016, agency employees became a part of the employee 401(k) plan with the same matching contributions as home office employees.

The Company also provides a 401(k) plan for its regular full-time agents. The Company makes an annual contribution equal to 6.1% of an agent's compensation up to the Social Security Taxable Wage Base plus 7.5% of the agent's compensation in excess of the Social Security Taxable Wage Base. In addition, the agent may elect to defer a portion of the agent's compensation, up to the legal limit on elective deferrals, and have that amount contributed to the plan. Total annual contributions cannot exceed certain limits which vary based on total agent compensation.

For all of the Company's 401(k) plans, accumulated funds may be invested in a group annuity contract issued by National Life or in mutual funds. These plans are not separately funded. Costs associated with these plans are included in operating expenses. Liabilities for these plans are included in pension and other post-retirement benefit obligations.

NOTE 10 - DEBT

Debt consists of the following (in thousands):

	2020	2019
7.5% Senior Notes:	\$ 198,406	\$ 198,281
\$200 million, maturing August 2033, interest payable semiannually on		
February 15 and August 15. The notes are unsecured and subordinated to		
any existing or future indebtedness of NLVF and its subsidiaries.		
6.5% Senior Notes:	67,510	67,475
Original issue of \$75 million, maturing March 2035, interest payable		
semiannually on March 15 and September 15. The notes are unsecured		
and subordinated to any existing or future indebtedness of NLVF and its		
subsidiaries. In 2009, the Company's subsidiary, National Life repurchased		
\$7.0 million of the senior notes. Interest paid to the subsidiary is eliminated		
in consolidation.	400 000	400.004
10.5% Surplus Notes of National Life:	166,392	166,304
Original issue of \$200 million, maturing September 15, 2039, interest		
payable semiannually on March 15 and September 15. The notes are		
unsecured and subordinated to any existing or future indebtedness of National Life.		
reduction and	492 047	492 620
5.25% Surplus Notes of National Life:	482,917	482,620
\$500 million, maturing July 19, 2068, interest payable semiannually on January 19 and July 19. The notes are unsecured and subordinated to any		
existing or future indebtedness of National Life.		
Total debt	\$ 915.225	\$ 914.680
i otal debt	φ 910,220	ψ 314,000

In July 2018, National Life issued surplus notes with a principal balance of \$350 million that mature in 2068. These surplus notes will accrue interest at a fixed rate of 5.25% until July 18, 2048, and thereafter at a floating rate equal to the Three-month USD LIBOR rate plus 3.314%. The surplus notes are redeemable by National Life on or after July 19, 2048. In July 2018, National Life also completed an exchange transaction, in which it issued an additional \$22.1 million of the 5.25% surplus notes in exchange for its 10.5% surplus notes, originally issued in 2009, with a principal balance of \$12.8 million. The discount at the time of the exchange, \$9.3 million, will be recognized in interest expense over the life of the 5.25% surplus notes. In April 2019, National Life issued an additional \$128 million of the 2068 5.25% surplus notes, which brought the total of that issuance to \$500 million.

In 2019, National Life repurchased \$1.2 million of the outstanding 10.5% surplus notes. Losses of \$0.7 million were recorded on the repurchase and included in net investment gains and (losses) in 2019. There were no repurchases in 2020.

Interest paid on the 7.5% senior notes was \$15.0 million in 2020 and 2019. Interest paid on the 6.5% senior notes was \$4.9 million in 2020 and 2019. Interest paid on the 10.5% surplus note was \$17.6 million in 2020 and \$17.7 million in 2019. Interest paid on the 5.25% surplus note was \$26.3 million and \$21.0 million in 2020 and 2019, respectively.

National Life and LSW have secured asset-based borrowing capacity of \$1.3 billion with FHLB Boston and \$4.0 billion with FHLB Dallas, respectively. For additional information on FHLB, see Note 2.

NOTE 11 – COMMITMENTS AND CONTINGENCIES

The Company is subject, in the ordinary course of business, to claims, litigation, arbitration proceedings, and governmental examinations. Although the Company is not aware of any actions, proceedings or allegations that reasonably should give rise to a material adverse impact to the Company's financial position or liquidity, the outcome of any particular matter cannot be foreseen with certainty. It is the opinion of management that the ultimate resolution of these matters will not materially impact the Company's financial condition.

The Company is also involved in class action or putative class action litigation. On September 24, 2010, three individuals brought a putative class action against LSW concerning their purchases of indexed universal life insurance policies sold in California (SecurePlus Provider and SecurePlus Paragon), before the U.S. District Court for the Central District of California and captioned Walker, et al. v. Life Ins. Co. of the Southwest. The Company vigorously litigated this matter for more than a decade in both the District Court and the United States Court of Appeals for the Ninth Circuit. During that time, a jury and the District Court rendered judgments in favor of the Company on all claims then pending. On appeal, those judgments were upheld by the Ninth Circuit, though that Court revived other claims that previously had been dismissed by the District Court. Those remaining claims concerning certain alleged violations of California's illustration statute were preliminarily scheduled for trial in 2021. On February 5, 2021, the parties entered into a Stipulation and Agreement of Settlement with respect to all remaining claims. The settlement is subject to Court approval. If approved, the Company has agreed to pay certain cash relief, provide certain non-monetary relief, and pay attorneys' fees and costs to Plaintiffs' counsel. The Company has not conceded or admitted any wrongdoing or liability as part of the Settlement and continues to deny each, any, and all allegations of wrongdoing, fault, liability, or damage whatsoever that have or could have been asserted by Plaintiffs.

The Company has a multi-year contract with NTT Data, Inc. which expires June 30, 2024. The contract provides data processing, information systems application and infrastructure services from NTT Data. The Company paid \$41.1 million and \$33.9 million under this contract in 2020 and 2019, respectively. The expense paid includes a base amount and variable expenses related to project work performed during the year.

The Company has a multi-year contract with I-Pipeline which expires December 31, 2023. The contract provides new business support through electronic applications. The Company paid \$4.6 million and \$4.3 million under this contract in 2020 and 2019, respectively.

The Company signed a multi-year contract with Cognizant which expires June 30, 2024. The contract provides application support, web development and Quality Assurance ("QA") services. The Company paid \$17.7 million and \$15.9 million under this contract in 2020 and 2019, respectively.

The Company signed a multi-year contract with SalesForce.com which expired December 31, 2020. The contract provided customer relationship management application licenses and support. The Company paid \$0.1 million and \$1.3 million under this contract in 2020 and 2019, respectively.

The Company has a multi-year contract with Microsoft which expires June 22, 2022. The contract provides software licenses to Microsoft end-user and data center products. The Company paid \$3.8 million and \$5.4 million under this contract in 2020 and 2019, respectively.

LSW is a party to an amended lease agreement with Gaedeke Holdings IX, LLC for office facilities in Addison, Texas. The expiration date of this agreement is August 31, 2029. Rental expense incurred under this agreement was \$2.1 million and \$1.3 million in 2020 and 2019, respectively.

NOTE 11 - COMMITMENTS AND CONTINGENCIES (continued)

The following is a schedule of future minimum rental payments pursuant to the amended lease as described above (in thousands):

Year	Contract Obligation
2021	2,937
2022	2,933
2023	2,989
2024	3,074
2025	3,050
Thereafter	11,020
Total minimum payments	\$ 26,003

The Company had unfunded mortgage loan, partnership, and AFS debt security commitments of \$119.8 million, \$457.5 million, and \$47.6 million, respectively, at December 31, 2020. Partnership commitments may be called by the partnership during the commitment period (on average two to five years) to fund the purchase of new investments and partnership expenses. Once the commitment period expires, the Company is under no obligation to fund the remaining unfunded commitment but may elect to do so.

NOTE 12 - NATIONAL LIFE CLOSED BLOCK

National Life established and began operating the Closed Block on January 1, 1999. The Closed Block was established pursuant to regulatory requirements as part of the reorganization into a mutual holding company corporate structure. The Closed Block was established for the benefit of holders of certain of National Life's individual participating life insurance and annuity policies in force at December 31, 1998. The Closed Block is designed to give reasonable assurance to holders of policies in the Closed Block that assets will be available to provide for payment of policy benefits, including the continuation of dividends throughout the life of such policies based upon the 1998 dividend scale if the experience underlying such dividend scale (including portfolio interest rates) continues as it was in 1998, and for appropriate adjustment in such dividend scale if the experience changes. The Closed Block is expected to remain in effect until all policies within the Closed Block are no longer in force. Assets assigned to the Closed Block at January 1, 1999, together with projected future premiums and investment returns, are reasonably expected to be sufficient to pay out all future Closed Block policy benefits, expenses, and taxes. Such benefits include dividends paid out under the current dividend scale, adjusted to reflect future changes in the underlying experience. The assets and liabilities allocated to the Closed Block are recorded in the Company's financial statements on the same basis as other similar assets and liabilities. National Life remains contingently liable for all contractual benefits and expenses of the Closed Block.

If actual cumulative Closed Block earnings are greater than expected cumulative earnings, only the expected earnings will be recognized in net income of the Company. Actual cumulative earnings in excess of expected earnings represent undistributed earnings attributable to Closed Block policyholders.

These excess earnings are recorded as a policyholder dividend obligation (included in policyholders' dividend liability) to be paid to Closed Block policyholders unless offset by future results that are less than expected. If actual cumulative performance is less favorable than expected, only actual earnings will be recognized in income. In 2020 and 2019, the Company recorded increases in policyholder dividend obligation of \$2.7 million and \$12.4 million respectively. Unrealized gains in the Closed Block generated a policyholder dividend obligation through accumulated other comprehensive income of \$349.3 million and \$204.4 million at December 31, 2020 and 2019, respectively. The total policyholder dividend obligation at December 31, 2020 and 2019 was \$352.0 million and \$216.9 million, respectively.

NOTE 12 – NATIONAL LIFE CLOSED BLOCK (continued)

Summarized financial information for the Closed Block effects included in the consolidated financial statements as of December 31, 2020 and 2019, and for the two years ended December 31, 2020 and 2019 is as follows (in thousands):

	2020	2019
Liabilities:	£ 2.020.7C0	Ф 2 027 57 6
Policy liabilities and accruals Other liabilities	\$ 3,038,769 416	\$ 3,037,576 327
Total liabilities	\$ 3,039,185	\$ 3,037,903
Assets:	φ 3,039,103	ψ 3,037,903
Cash	\$ 5,733	\$ 5,071
Short term investments	φ 3,733 —	11,400
Available-for-sale debt securities	2,414,511	2,319,061
Mortgage loans	104,161	126,847
Policy loans	287,652	336,389
Accrued investment income	27,580	29,474
Premiums and fees receivable	3,295	5,367
Other assets	7,750	5,705
Total assets	\$ 2,850,682	\$ 2,839,314
Excess of reported liabilities over assets	<u>\$ 188,503</u>	\$ 198,589
	2020	2019
Revenues:		
Insurance premiums and other income	\$ 63,958	\$ 76,709
Net investment income	108,691	115,843
Net investment gains	(802)	471
Total revenues	<u>\$ 171,847</u>	\$ 193,023
Benefits and Expenses:		
Decrease in policy liabilities	(140,807)	(86,150)
Policy benefits	272,864	215,801
Policyholders' dividends and dividend obligations	15,974	38,904
Interest credited to policyholder account liabilities	6,309	6,380
Operating expenses	4,003	4,114
Commission expenses	736	805
Total benefits and expenses	\$ 159,079	\$ 179,854
Pre-tax results of operations	12,768	13,169
Income tax expense	2,682	2,766
Closed Block results of operations	\$ 10,086	\$ 10,403
Excess of reported Closed Block liabilities over Closed Block assets:		
Beginning of year	198,589	208,992
Closed Block results of operations	10,086	10,403
End of year	\$ 188,503	\$ 198,589
Life of year	φ 100,503	ψ 130,509

NOTE 12 – NATIONAL LIFE CLOSED BLOCK (continued)

Amortized cost of available for sale debt securities held by the Closed Block at December 31, 2020 and 2019 was \$2.0 billion and \$2.1 billion, respectively.

Participating insurance in force within the Closed Block at December 31, 2020 and 2019 was \$4.7 billion and \$5.1 billion, respectively.

Many expenses related to Closed Block policies and operations, including amortization of policy acquisition costs, are charged to operations outside the Closed Block; accordingly, the contribution from the Closed Block presented above does not represent the actual profitability of the Closed Block operations. Operating costs and expenses outside the Closed Block are therefore disproportionate to the actual business outside the Closed Block.

NOTE 13 – STATUTORY INFORMATION AND RESTRICTIONS

The Company's insurance operations, domiciled in the states of Vermont (National Life, Catamount Reinsurance Company, and Longhorn Reinsurance Company) and Texas (LSW), prepare statutory financial statements in accordance with statutory accounting principles ("SAP") prescribed or permitted by the insurance departments of the states of domicile. Prescribed statutory accounting principles include the Accounting Practices and Procedures Manual of the National Association of Insurance Commissioners ("NAIC") as well as state laws, regulations, and general administrative rules applicable to all insurance enterprises domiciled in a particular state. Permitted statutory accounting practices include practices not prescribed by the domiciliary state, but allowed by the domiciliary state regulatory authority. National Life and LSW do not have any permitted practices. Catamount and Longhorn have permitted practices approved by the State of Vermont.

LSW paid no dividends to National Life in 2020 or 2019. National Life paid no dividends to NLVF in 2020. In 2019, National Life paid a \$188 million cash dividend to NLVF. In 2019, National Life's ownership of Longhorn Reinsurance Company was transferred as a dividend to NLVF. For U.S. GAAP, the dividends were eliminated in consolidation. Dividends declared by National Life and LSW in excess of the greater of ten percent of statutory surplus or statutory net gain from operations require pre-approval by the Commissioner of the Vermont Department of Financial Regulation and Commissioner of the Texas Department of Insurance, respectively.

In 2020, there were capital contributions totaling \$160.5 million from NLVF to National Life, which included a cash capital contribution of \$115 million, and a capital contribution of \$45.5 million, comprised of \$8.0 million cash and a partnership investment with a carrying value of \$37.5 million. In 2020, there was a capital contribution of \$45.5 million, comprised of \$8.0 million cash and a partnership investment with a carrying value of \$37.5 million, from National Life to LSW. In 2019, there was a cash capital contribution of \$75.0 million from National Life to LSW.

National Life's statutory surplus was \$2.57 billion (unaudited) and \$2.29 billion at December 31, 2020 and 2019, respectively. Statutory net income (loss) was a net gain of \$25.9 million (unaudited) and \$39.9 million in 2020 and 2019, respectively.

LSW's statutory surplus was \$1.66 billion (unaudited) and \$1.52 billion at December 31, 2020 and 2019, respectively. Statutory net income (loss) was a net gain of \$162.3 million (unaudited) and \$289.2 million in 2020 and 2019, respectively.

Pursuant to certain statutory requirements, as of December 31, 2020, National Life and LSW had securities on deposit with a statutory carrying value of \$6.9 million and \$2.7 million, respectively, in insurance department special deposit accounts.

NOTE 14 – PARTICIPATING LIFE INSURANCE

Participating life insurance in force was 13.3% and 15.2% of the face value of total insurance in force at December 31, 2020 and 2019, respectively. The premiums on participating life insurance policies were 6.6% and 7.3% of total individual life insurance premiums in 2020 and 2019, respectively.