# AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY Financial Supplement

## **December 31, 2019**

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## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY CONDENSED CONSOLIDATED BALANCE SHEETS

	De	December 31, 2019		ember 31, 2018
Assets				
Investments:				
Fixed maturity securities, available for sale, at fair value	\$	51,580,490	\$	45,923,727
Mortgage loans on real estate		3,448,793		2,943,091
Derivative instruments		1,355,989		205,149
Other investments		492,301		355,531
Total investments		56,877,573		49,427,498
Cash and cash equivalents		2,293,392		344,396
Coinsurance deposits		5,115,013		4,954,068
Accrued investment income		472,826		468,729
Deferred policy acquisition costs		2,923,454		3,535,838
Deferred sales inducements		1,966,723		2,516,721
Deferred income taxes		_		291,169
Income taxes recoverable		_		26,537
Other assets		47,571		60,608
Total assets	\$	69,696,552	\$	61,625,564
Liabilities and Stockholders' Equity				
Liabilities:				
Policy benefit reserves	\$	61,893,945	\$	57,606,009
Other policy funds and contract claims		256,105		270,858
Notes payable		495,116		494,591
Subordinated debentures		157,265		242,982
Amounts due under repurchase agreements		_		109,298
Deferred income taxes		177,897		_
Income taxes payable		429		_
Other liabilities		2,145,676		502,725
Total liabilities		65,126,433		59,226,463
Stockholders' equity:				
Preferred stock		16		_
Common stock		91,107		90,369
Additional paid-in capital		1,212,311		811,186
Accumulated other comprehensive income (loss)		1,497,921		(52,432)
Retained earnings		1,768,764		1,549,978
Total stockholders' equity		4,570,119		2,399,101
Total liabilities and stockholders' equity	\$	69,696,552	\$	61,625,564

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## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY CONSOLIDATED STATEMENTS OF OPERATIONS

	Three Mor Decem		Year I Decem		
	2019	2018	2019		2018
Revenues:					
Premiums and other considerations	\$ 8,846	\$ 4,430	\$ 23,534	\$	26,480
Annuity product charges	62,722	60,394	240,035		224,488
Net investment income	588,217	554,355	2,307,635		2,147,812
Change in fair value of derivatives	466,434	(1,054,281)	906,906		(777,848)
Net realized gains (losses) on investments, excluding other than temporary impairment (OTTI) losses	7,029	3,097	6,962		(37,178)
OTTI losses on investments:					
Total OTTI losses	(17,412)	(18,980)	(18,511)		(35,005)
Portion of OTTI losses recognized from other comprehensive income	_	_	(215)		(1,651)
Net OTTI losses recognized in operations	(17,412)	(18,980)	(18,726)		(36,656)
Loss on extinguishment of debt	(2,001)	_	(2,001)		_
Total revenues	1,113,835	(450,985)	3,464,345		1,547,098
Benefits and expenses:					
Insurance policy benefits and change in future policy benefits	11,553	7,439	35,418		39,530
Interest sensitive and index product benefits	399,514	255,700	1,287,576		1,610,835
Amortization of deferred sales inducements	91,260	(11,578)	88,585		222,201
Change in fair value of embedded derivatives	147,879	(804,026)	1,454,042		(1,389,491)
Interest expense on notes payable	6,384	6,376	25,525		25,498
Interest expense on subordinated debentures	3,651	4,041	15,764		15,491
Amortization of deferred policy acquisition costs	133,573	(8,750)	87,717		327,991
Other operating costs and expenses	39,194	33,597	154,153		129,301
Total benefits and expenses	833,008	(517,201)	3,148,780		981,356
Income before income taxes	280,827	66,216	315,565		565,742
Income tax expense	 60,677	12,393	 69,475		107,726
Net income	\$ 220,150	\$ 53,823	\$ 246,090	\$	458,016
Earnings per common share	\$ 2.41	\$ 0.59	\$ 2.70	\$	5.07
Earnings per common share - assuming dilution	\$ 2.40	\$ 0.59	\$ 2.68	\$	5.01
Weighted average common shares outstanding (in thousands):					
Earnings per common share	91,314	90,555	91,139		90,348
Earnings per common share - assuming dilution	91,883	91,622	91,782		91,423

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#### **Quarterly Summary - Most Recent 5 Quarters**

	Ç	24 2019	Q3 2019		Q2 2019	2 2019 Q1 2019		(	Q4 2018	
Revenues:										
Traditional life insurance premiums	\$	762	\$ 778	\$	799	\$	829	\$	845	
Life contingent immediate annuity considerations		8,084	4,374		3,327		4,581		3,585	
Surrender charges		15,092	20,537		19,480		16,456		15,710	
Lifetime income benefit rider fees		47,630	43,110		41,220		36,510		44,684	
Net investment income		588,217	590,412		570,568		558,438		554,355	
Change in fair value of derivatives		466,434	(20,042)		76,045		384,469		(1,054,281)	
Net realized gains (losses) on investments, excluding OTTI		7,029	4,328		(3,832)		(563)		3,097	
Net OTTI losses recognized in operations		(17,412)	(101)		(1,213)		_		(18,980)	
Loss on extinguishment of debt		(2,001)	_		_		_		_	
Total revenues		1,113,835	643,396		706,394		1,000,720		(450,985)	
Benefits and expenses:										
Traditional life insurance policy benefits and change in future policy benefits		835	758		576		878		731	
Life contingent immediate annuity benefits and change in future policy benefits		10,718	6,869		6,363		8,421		6,708	
Interest sensitive and index product benefits (a)		399,514	500,285		251,103		136,674		255,700	
Amortization of deferred sales inducements (b)		91,260	(55,769)		19,785		33,309		(11,578)	
Change in fair value of embedded derivatives (c)		147,879	212,278		327,562		766,323		(804,026)	
Interest expense on notes payable		6,384	6,382		6,380		6,379		6,376	
Interest expense on subordinated debentures		3,651	3,968		4,057		4,088		4,041	
Amortization of deferred policy acquisition costs (b)		133,573	(120,934)		29,946		45,132		(8,750)	
Other operating costs and expenses		39,194	38,554		37,426		38,979		33,597	
Total benefits and expenses		833,008	592,391		683,198		1,040,183		(517,201)	
Income (loss) before income taxes		280,827	51,005		23,196		(39,463)		66,216	
Income tax expense (benefit)		60,677	13,645		4,606		(9,453)		12,393	
Net income (loss) (a)(b)(c)	\$	220,150	\$ 37,360	\$	18,590	\$	(30,010)	\$	53,823	
Earnings (loss) per common share	\$	2.41	\$ 0.41	\$	0.20	\$	(0.33)	\$	0.59	
Earnings (loss) per common share - assuming dilution (a)(b)(c)	\$	2.40	\$ 0.41	\$	0.20	\$	(0.33)	\$	0.59	
Weighted average common shares outstanding (thousands):										
Earnings (loss) per common share		91,314	91,252		91,103		90,883		90,555	
Earnings (loss) per common share - assuming dilution		91,883	91,711		91,785		91,744		91,622	

- (a) Q3 2019 includes expense from the revision of assumptions used in determining reserves held for lifetime income benefit riders. The impact increased interest sensitive and index product benefits by \$315.4 million and decreased net income and earnings per common share assuming dilution by \$247.3 million and \$2.70 per share, respectively.
- (b) Q3 2019 includes a benefit from unlocking which reduced amortization of deferred sales inducements and deferred policy acquisition costs by \$104.7 million and \$193.0 million, respectively, and increased net income and earnings per common share assuming dilution by \$233.4 million and \$2.54 per share, respectively.
- (c) Q3 2019 includes expense from the revision of assumptions used in determining the embedded derivative component of our fixed index annuity policy benefit reserves. The impact increased change in fair value of embedded derivatives by \$28.2 million and decreased net income and earnings per common share assuming dilution by \$22.1 million and \$0.24 per share, respectively.

#### AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

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#### NON-GAAP FINANCIAL MEASURES

In addition to net income, we have consistently utilized non-GAAP operating income and non-GAAP operating income per common share assuming dilution, non-GAAP financial measures commonly used in the life insurance industry, as economic measures to evaluate our financial performance. Non-GAAP operating income equals net income adjusted to eliminate the impact of items that fluctuate from quarter to quarter in a manner unrelated to core operations, and we believe measures excluding their impact are useful in analyzing operating trends. The most significant adjustments to arrive at non-GAAP operating income eliminate the impact of fair value accounting for our fixed index annuity business. These adjustments are not economic in nature but rather impact the timing of reported results. We believe the combined presentation and evaluation of non-GAAP operating income together with net income provides information that may enhance an investor's understanding of our underlying results and profitability.

#### Reconciliation from Net Income to Non-GAAP Operating Income

	Three Mon Decem		Year I Decem	**	
	2019	2018	2019		2018
Net income	\$ 220,150	\$ 53,823	\$ 246,090	\$	458,016
Adjustments to arrive at non-GAAP operating income: (a)					
Net realized investment gains/losses, including OTTI	7,606	9,525	7,361		45,450
Change in fair value of derivatives and embedded derivatives - fixed index annuities	(127,777)	36,186	373,221		(72,181)
Change in fair value of derivatives - interest rate caps and swap	(167)	1,276	1,247		(1,892)
Income taxes	26,023	(10,475)	(79,736)		(3,653)
Non-GAAP operating income	\$ 125,835	\$ 90,335	\$ 548,183	\$	425,740
Per common share - assuming dilution:					
Net income	\$ 2.40	\$ 0.59	\$ 2.68	\$	5.01
Adjustments to arrive at non-GAAP operating income:					
Net realized investment gains/losses, including OTTI	0.08	0.10	0.08		0.50
Change in fair value of derivatives and embedded derivatives - fixed index annuities	(1.39)	0.40	4.07		(0.79)
Change in fair value of derivatives - interest rate caps and swap	_	0.01	0.01		(0.02)
Income taxes	0.28	(0.11)	(0.87)		(0.04)
Non-GAAP operating income	\$ 1.37	\$ 0.99	\$ 5.97	\$	4.66

<sup>(</sup>a) Adjustments to net income to arrive at non-GAAP operating income are presented net of related adjustments to amortization of deferred sales inducements (DSI) and deferred policy acquisition costs (DAC) where applicable.

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## NON-GAAP FINANCIAL MEASURES

## Summary of Adjustments to Arrive at Non-GAAP Operating Income

	Three Mon Decem				d 31,																		
	 2019		2018		2018		2018		2018		2018		2018		2018		2018		2018		2019		2018
Net realized investment gains and losses, including OTTI:																							
Net realized gains/losses on investments, including OTTI	\$ 10,383	\$	15,883	\$	11,764	\$	73,834																
Amortization of DAC and DSI	(2,777)		(6,358)		(4,403)		(28,384)																
Income taxes	(1,643)		(2,374)		875		(12,282)																
	\$ 5,963	\$	7,151	\$	8,236	\$	33,168																
Change in fair value of derivatives and embedded derivatives:					·																		
Fixed index annuities	\$ (222,927)	\$	212,253	\$	368,650	\$	(42,394)																
Interest rate caps and swap	(167)		1,276		1,247		(1,892)																
Amortization of DAC and DSI	95,150		(176,067)		4,571		(29,787)																
Income taxes	27,666		(8,101)		(80,611)		16,077																
	\$ (100,278)	\$	29,361	\$	293,857	\$	(57,996)																
Worthless stock deduction:																							
Income taxes	\$ 	\$		\$		\$	(7,448)																

#### AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

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#### NON-GAAP FINANCIAL MEASURES

#### **Quarterly Summary - Most Recent 5 Quarters**

#### Reconciliation from Net Income (Loss) to Non-GAAP Operating Income

	Q4 2019	Q3 2019	Q2 2019			Q1 2019	Q4 2018
Net income (loss)	\$ 220,150	\$ 37,360	\$	18,590	\$	(30,010)	\$ 53,823
Adjustments to arrive at non-GAAP operating income: (a)							
Net realized investment gains/losses, including OTTI	7,606	(3,175)		2,625		305	9,525
Change in fair value of derivatives and embedded derivatives - fixed index annuities	(127,777)	250,186		99,868		150,944	36,186
Change in fair value of derivatives - interest rate caps and swap	(167)	(76)		854		636	1,276
Income taxes	26,023	(50,940)		(22,346)		(32,473)	(10,475)
Non-GAAP operating income (b)(c)	\$ 125,835	\$ 233,355	\$	99,591	\$	89,402	\$ 90,335
Per common share - assuming dilution:							
Net income (loss)	\$ 2.40	\$ 0.41	\$	0.20	\$	(0.33)	\$ 0.59
Adjustments to arrive at non-GAAP operating income:							
Net realized investment gains/losses, including OTTI	0.08	(0.04)		0.03		_	0.10
Change in fair value of derivatives and embedded derivatives - fixed index annuities	(1.39)	2.73		1.09		1.64	0.40
Change in fair value of derivatives - interest rate caps and swap	_	_		0.01		0.01	0.01
Income taxes	0.28	(0.56)		(0.24)		(0.35)	(0.11)
Non-GAAP operating income (b)(c)	\$ 1.37	\$ 2.54	\$	1.09	\$	0.97	\$ 0.99

<sup>(</sup>a) Adjustments to net income (loss) to arrive at non-GAAP operating income are presented net of related adjustments to amortization of deferred sales inducements and deferred policy acquisition costs where applicable.

<sup>(</sup>b) Q3 2019 includes expense from the revision of assumptions used in determining reserves held for lifetime income benefit riders. The impact increased interest sensitive and index product benefits by \$315.4 million and decreased non-GAAP operating income and non-GAAP operating income per common share - assuming dilution by \$247.3 million and \$2.70 per share, respectively.

<sup>(</sup>c) Q3 2019 includes a benefit from unlocking which reduced amortization of deferred sales inducements and deferred policy acquisition costs by \$184.9 million and \$288.3 million, respectively, and increased non-GAAP operating income and non-GAAP operating income per common share- assuming dilution by \$371.0 million and \$4.05 per share, respectively.

### AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY Financial Supplement - December 31, 2019 Unaudited (Dollars in thousands)

## NON-GAAP FINANCIAL MEASURES

## Summary of Adjustments to Arrive at Non-GAAP Operating Income

	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q4 2018
Net realized (gains) losses on investments	\$ (7,029)	\$ (4,328)	\$ 3,832	\$ 563	\$ (3,097)
Net OTTI losses recognized in operations	17,412	101	1,213	_	18,980
Change in fair value of derivatives	(370,973)	(79,943)	(108,662)	(524,567)	1,017,555
Increase (decrease) in total revenues	(360,590)	(84,170)	(103,617)	(524,004)	1,033,438
Amortization of deferred sales inducements	(37,374)	(57,408)	49,101	35,494	77,745
Change in fair value of embedded derivatives	(147,879)	(212,278)	(327,562)	(766,323)	804,026
Amortization of deferred policy acquisition costs	(54,999)	(61,419)	71,497	54,940	104,680
Increase (decrease) in total benefits and expenses	(240,252)	(331,105)	(206,964)	(675,889)	986,451
Increase in income (loss) before income taxes	(120,338)	246,935	103,347	151,885	46,987
Increase (decrease) in income tax expense (benefit)	(26,023)	50,940	22,346	32,473	10,475
Increase (decrease) in net income (loss)	\$ (94,315)	\$ 195,995	\$ 81,001	\$ 119,412	\$ 36,512

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#### Capitalization/Book Value per Common Share

	Q	4 2019	(	Q3 2019	(	Q2 2019		Q1 2019	(	Q4 2018
Capitalization:										
Notes payable	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	500,000
Subordinated debentures payable to subsidiary trusts		159,272		247,362		247,294		247,227		247,161
Total debt		659,272		747,362		747,294		747,227		747,161
Total stockholders' equity	4,	,570,119		4,126,716		3,497,475		2,939,537		2,399,101
Total capitalization	5,	,229,391		4,874,078		1,244,769		3,686,764		3,146,262
Accumulated other comprehensive (income) loss (AOCI)	(1,	,497,921)	(	1,639,429)	(	1,049,984)		(513,697)		52,432
Total capitalization excluding AOCI (a)	\$ 3,	,731,470	\$	3,234,649	\$ 3	3,194,785	\$	3,173,067	\$	3,198,694
Total stockholders' equity	\$ 4,	,570,119	\$	4,126,716	\$ 3	3,497,475	\$	2,939,537	\$	2,399,101
Equity available to preferred stockholders (c)	(	(400,000)				_		_		_
Total common stockholders' equity (b)	4,	,170,119		4,126,716	- 3	3,497,475		2,939,537		2,399,101
Accumulated other comprehensive (income) loss	(1,	,497,921)	(	1,639,429)	(	1,049,984)		(513,697)		52,432
$\textbf{Total common stockholders' equity excluding AOCI}\ (b)$	\$ 2,	,672,198	\$	2,487,287	\$ 2	2,447,491	\$	\$ 2,425,840		2,451,533
		,								
Common shares outstanding	91.	,107,555	9	1,006,950	90	),936,324	9	0,784,123	9	0,369,229
Book Value per Common Share: (d)										
Book value per common share (b)	\$	45.77	\$	45.35	\$	38.46	\$	32.38	\$	26.55
Book value per common share excluding AOCI (b)	\$	29.33	\$	27.33	\$	26.91	\$	26.72	\$	27.13
Debt-to-Capital Ratios: (e)										
Senior debt / Total capitalization		13.4%		15.5%		15.7%		15.8%		15.6%
Total debt / Total capitalization		17.7%		23.1%		23.4%		23.5%		23.4%

- $(a) \quad \text{Total capitalization excluding AOCI, a non-GAAP financial measure, is based on stockholders' equity excluding the effect of AOCI.} \\$
- (b) Total common stockholders' equity and book value per common share excluding AOCI, non-GAAP financial measures, are based on common stockholders' equity excluding the effect of AOCI. Since AOCI fluctuates from quarter to quarter due to unrealized changes in the fair value of available for sale securities, we believe these non-GAAP financial measures provide useful supplemental information. Total common stockholders' equity and total common stockholder's equity excluding AOCI, non-GAAP financial measures, exclude equity available to preferred stockholders.
- (c) Equity available to preferred stockholders is equal to the redemption value of outstanding preferred stock plus share dividends declared but not yet issued.
- (d) Book value per common share including and excluding AOCI is calculated as total common stockholders' equity and total common stockholders' equity excluding AOCI divided by the total number of shares of common stock outstanding.
- (e) Debt-to-capital ratios are computed using total capitalization excluding AOCI.

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#### **Spread Results**

#### Year Ended December 31,

2019	2018	_	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q4 2018
4.52%	4.47%	Average yield on invested assets	4.52%	4.59%	4.51%	4.48%	4.51%
1.84%	1.87%	Aggregate cost of money	1.75%	1.84%	1.88%	1.90%	1.95%
2.68%	2.60%	Aggregate investment spread	2.77%	2.75%	2.63%	2.58%	2.56%
		Impact of:					
0.06%	0.08%	Investment yield - additional prepayment income	0.08%	0.11%	0.04%	0.01%	0.09%
0.03%	0.05%	Cost of money effect of over hedging	0.05%	0.02%	0.04%	0.02%	0.03%
\$51,072,498	\$48,104,780	Weighted average investments	\$52,141,459	\$51,529,850	\$50,709,966	\$49,908,718	\$49,258,548

Weighted average investments include fixed maturity securities at amortized cost and mortgage loans on real estate and other investments at carrying values as reflected in the consolidated balance sheets. The numerator for average yield on invested assets includes net investment income and the tax effect of investment income that is exempt from income taxes.

## **Summary of Cost of Money for Deferred Annuities**

#### Year Ended December 31,

2019	2018			Q4 2019	 Q3 2019	Q2 2019		Q1 2019	_(	Q4 2018
		Included in interest sensitive and index product benefits:								
\$ 587,818	\$ 1,285,555	Index credits	\$	277,798	\$ 92,343	\$ 161,752	\$	55,925	\$	157,999
196,907	214,166	Interest credited		49,482	49,511	50,478		47,436		53,559
		Included in change in fair value of derivatives:								
(605,005)	(1,307,755)	Proceeds received at option expiration		(284,624)	(95,491)	(166,430)		(58,460)		(162,433)
781,841	739,558	Pro rata amortization of option cost		188,984	195,354	199,006		198,497		198,999
\$ 961,561	\$ 931,524	Cost of money for deferred annuities	\$	231,640	\$ 241,717	\$ 244,806	\$	243,398	\$	248,124
\$ 52,278,357	\$ 49,855,778	Weighted average liability balance outstanding	\$ 5	53,092,419	\$ 52,682,886	\$ 52,009,407	\$ :	51,328,715	\$ 5	50,832,984

## **Annuity Account Balance Rollforward**

#### Year Ended December 31,

2019	2018		Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q4 2018
\$ 51,053,450	\$ 48,400,755	Account balances at beginning of period	\$ 52,950,937	\$ 52,414,835	\$ 51,603,979	\$ 51,053,450	\$ 50,612,519
4,661,171	3,967,928	Net deposits	838,761	1,216,720	1,425,325	1,180,365	1,040,857
177,942	179,465	Premium bonuses	36,983	46,968	48,370	45,621	44,450
784,725	1,499,721	Fixed interest credited and index credits	327,280	141,854	212,230	103,361	211,558
(71,565)	(65,644)	Surrender charges	(15,092)	(20,537)	(19,480)	(16,456)	(15,710)
(168,470)	(158,844)	Lifetime income benefit rider fees	(47,630)	(43,110)	(41,220)	(36,510)	(44,684)
(3,203,355)	(2,769,931)	Surrenders, withdrawals, deaths, etc.	(857,341)	(805,793)	(814,369)	(725,852)	(795,540)
\$ 53,233,898	\$ 51,053,450	Account balances at end of period	\$ 53,233,898	\$ 52,950,937	\$ 52,414,835	\$ 51,603,979	\$ 51,053,450

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

Financial Supplement - December 31, 2019 Unaudited (*Dollars in thousands*)

## **Annuity Deposits by Product Type**

#### Year Ended December 31,

December 31,		1 51,	_										
	2019		2018	_	24 2019	Q3 2019		Q2 2019		Q1 2019		Q4 2018	
				American Equity Life:									
\$	4,058,638	\$	3,560,881	Fixed index annuities	\$ 765,180	\$	1,054,796	\$	1,211,004	\$	1,027,658	\$	944,097
	11,245		45,636	Annual reset fixed rate annuities	1,843		2,340		3,614		3,448		5,574
	1,613		3,581	Multi-year fixed rate annuities	306		593		566		148		332
	12,002		23,813	Single premium immediate annuities	4,873		3,314		1,747		2,068		2,893
	4,083,498		3,633,911		772,202		1,061,043		1,216,931		1,033,322		952,896
				Eagle Life:									
	646,903		660,401	Fixed index annuities	67,784		166,081		235,558		177,480		162,847
	199		1,555	Annual reset fixed rate annuities	6		_		66		127		484
	232,613		109,096	Multi-year fixed rate annuities	81,041		79,000		47,004		25,568		12,802
	879,715		771,052		148,831		245,081		282,628		203,175		176,133
				Consolidated:									
	4,705,541		4,221,282	Fixed index annuities	832,964		1,220,877		1,446,562		1,205,138		1,106,944
	11,444		47,191	Annual reset fixed rate annuities	1,849		2,340		3,680		3,575		6,058
	234,226		112,677	Multi-year fixed rate annuities	81,347		79,593		47,570		25,716		13,134
	12,002		23,813	Single premium immediate annuities	4,873		3,314		1,747		2,068		2,893
	4,963,213		4,404,963	Total before coinsurance ceded	921,033		1,306,124		1,499,559		1,236,497		1,129,029
	290,040		413,222	Coinsurance ceded	77,399		86,090		72,487		54,064		85,279
\$	4,673,173	\$	3,991,741	Net after coinsurance ceded	\$ 843,634	\$	1,220,034	\$	1,427,072	\$	1,182,433	\$	1,043,750
		_								_		_	

## <u>Surrender Charge Protection and Account Values by Product Type</u>

Annuity Surrender Charges and Net (of Coinsurance) Account Values at December 31, 2019:

		Surrender Charge	_	Net Accor	unt Value	
Product Type	Avg. Years At Issue	Avg. Years Remaining	Avg. % Remaining		Dollars in Thousands	%
Fixed Index Annuities	12.9	6.9	11.0%	\$	51,200,043	96.2%
Annual Reset Fixed Rate Annuities	9.6	3.4	6.2%		1,421,259	2.7%
Multi-Year Fixed Rate Annuities	4.2	0.7	1.9%		612,596	1.1%
Total	12.7	6.7	10.8%	\$	53,233,898	100.0%

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

Financial Supplement - December 31, 2019 Unaudited (*Dollars in thousands*)

## **Annuity Liability Characteristics**

Surrender Charge Percentages:	Fixed Annuities Account Value	Fixed Index Annuities Account Value
No surrender charge	\$ 809,540	\$ 2,646,816
0.0% < 2.0%	13,700	226,563
2.0% < 3.0%	9,894	481,526
3.0% < 4.0%	59,363	1,484,260
4.0% < 5.0%	54,923	1,157,238
5.0% < 6.0%	90,011	2,553,299
6.0% < 7.0%	285,493	1,134,898
7.0% < 8.0%	67,225	5,126,742
8.0% < 9.0%	38,681	3,915,131
9.0% < 10.0%	106,631	4,192,664
10.0% or greater	498,394	28,280,906
	\$ 2,033,855	\$ 51,200,043

Surrender Charge Expiration By Year:	Fixed and Fixed Index Annuities Account Value	Weighted Average Surrender Charge
Out of Surrender Charge	\$ 3,456,356	0.00%
2020	741,765	2.58%
2021	1,219,601	4.33%
2022	1,747,549	5.46%
2023	4,244,073	6.00%
2024	5,256,078	8.30%
2025	5,918,598	9.31%
2026	5,266,175	10.84%
2027	4,462,910	12.25%
2028	4,781,322	13.12%
2029	6,000,531	14.28%
2030	2,578,809	17.11%
2031	3,144,762	17.86%
2032	2,145,751	18.30%
2033	1,252,193	18.75%
2034	699,504	19.33%
2035	317,921	20.00%
	\$ 53,233,898	10.78%

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

Financial Supplement - December 31, 2019 Unaudited (Dollars in thousands)

#### **Annuity Liability Characteristics**

Credited Rate vs. Ultimate Minimum Guaranteed Rate Differential:	Fixed Annuities Account Value	Fixed Index Annuities Account Value
No differential	\$ 958,763	\$ 1,334,400
→ 0.0% - 0.25%	51,338	168,517
> 0.25% - 0.5%	241,152	5,826
→ 0.5% - 1.0%	37,957	12,745
> 1.0% - 1.5%	11,704	_
1.00% ultimate guarantee - 2.39% wtd avg interest rate (a)	456,845	671,589
1.50% ultimate guarantee - 1.20% wtd avg interest rate (a)	145,717	3,425,873
1.75% ultimate guarantee - 1.98% wtd avg interest rate (a)	49,359	461,336
2.00% ultimate guarantee - 1.85% wtd avg interest rate (a)	81,020	_
2.25% ultimate guarantee - 1.84% wtd avg interest rate (a)	_	815,101
3.00% ultimate guarantee - 2.05% wtd avg interest rate (a)	_	1,566,836
Allocated to index strategies (see tables that follow)	 _	42,737,820
	\$ 2,033,855	\$ 51,200,043

<sup>(</sup>a) The minimum guaranteed interest rate for the fixed rate or the fixed rate strategy is 1.00%. The ultimate guaranteed rate is applied on less than 100% of the premium.

If all crediting rates were reduced to minimum guaranteed rates (subject to limitations imposed by ultimate minimum guaranteed rates where applicable) the weighted average crediting rate as of December 31, 2019 for fixed annuities and funds allocated to the fixed rate strategy for fixed index annuities would decrease by 0.16%.

#### AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

Financial Supplement - December 31, 2019 Unaudited (*Dollars in thousands*)

#### **Annuity Liability Characteristics**

#### FIXED INDEX ANNUITIES ACCOUNT VALUE - INDEX STRATEGIES

#### **Annual Monthly Average and Point-to-Point with Caps**

	Minimum Guaranteed Cap								
	1%		3%		4%		7%		8% +
Current Cap									
At minimum	\$ 1,434	\$	91,846	\$	4,810,024	\$	67,045	\$	158,331
1.75% - 3%	8,374,483		_		_		_		_
3% - 4%	264,045		12,531		_		_		_
4% - 5%	786,914		224,780		1,644,751		_		_
5% - 6%	601,161		195,814		32,070		_		_
6% - 7%	_		_		422		_		_
>= 7%	10,895		6,819		710		5,961		183

#### **Annual Monthly Average and Point-to-Point with Participation Rates**

		Minimum Guaranteed Participation Rate						
	10%	20% - 25%	35%		50% +			
<b>Current Participation Rate</b>	-							
At minimum	\$ 980	\$ 368,790	6 \$ 101,2	84 \$	108,619			
< 20%	772,874	. <u> </u>	_	_	_			
20% - 40%	1,026,625	161,404	4	_	_			
40% - 60%	3,119,243	93,713	8 59,8	43	_			
60% - 100%	449,364		_	_	_			
> 100%	364 083	_	_		_			

#### <u>S&P 500 Monthly Point-to-Point - Minimum Guaranteed Monthly Cap = 1.0%</u>

Current Cap	
At minimum	\$ 1,704,610
1.10% - 1.30%	7,695,584
1.40% - 1.60%	2,319,064
1.70% - 2.00%	434,754
>= 2.10%	1,653

#### **Volatility Control Index**

#### **Current Asset Fee**

At Maximum	\$ —
0.75% - 1.75%	406,445
2.25% - 2.75%	210,571
3.00% - 3.50%	3,155,631
3.75% - 4.50%	1,579,560

If all caps and participation rates were reduced to minimum caps and participation rates and current asset fees were increased to their maximums, the cost of options would decrease by 0.70% based upon prices of options for the week ended January 29, 2020.

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

Financial Supplement - December 31, 2019 Unaudited (*Dollars in thousands*)

## **Summary of Invested Assets**

	December	31, 2019	December	31, 2018
	Carrying Amount	Percent	Carrying Amount	Percent
Fixed maturity securities:				
United States Government full faith and credit	\$ 161,765	0.3%	\$ 11,652	<u> </u>
United States Government sponsored agencies	625,020	1.1%	1,138,529	2.3%
United States municipalities, states and territories	4,527,671	7.9%	4,126,267	8.3%
Foreign government obligations	205,096	0.3%	230,274	0.5%
Corporate securities	32,536,839	57.2%	28,371,514	57.4%
Residential mortgage backed securities	1,575,664	2.8%	1,202,159	2.4%
Commercial mortgage backed securities	5,786,279	10.2%	5,379,003	10.9%
Other asset backed securities	6,162,156	10.8%	5,464,329	11.1%
Total fixed maturity securities	51,580,490	90.6%	45,923,727	92.9%
Mortgage loans on real estate	3,448,793	6.1%	2,943,091	6.0%
Derivative instruments	1,355,989	2.4%	205,149	0.4%
Other investments	492,301	0.9%	355,531	0.7%
	\$ 56,877,573	100.0%	\$ 49,427,498	100.0%

#### **Credit Quality of Fixed Maturity Securities - December 31, 2019**

Carrying Amount	Percent	Rating Agency Rating		Carrying Amount	Percent
\$ 30,122,657	58.4%	Aaa/Aa/A	\$	30,662,644	59.4%
20,316,911	39.4%	Baa		19,833,309	38.4%
977,191	1.9%	Ba		821,902	1.6%
112,534	0.2%	В		81,407	0.2%
45,205	0.1%	Caa		95,676	0.2%
5,992	%	Ca and lower		85,552	0.2%
\$ 51,580,490	100.0%		\$	51,580,490	100.0%
\$	\$ 30,122,657 20,316,911 977,191 112,534 45,205 5,992	Amount Percent   \$ 30,122,657 58.4%   20,316,911 39.4%   977,191 1.9%   112,534 0.2%   45,205 0.1%   5,992 -%	Amount Percent Rating Agency Rating   \$ 30,122,657 58.4% Aaa/Aa/A   20,316,911 39.4% Baa   977,191 1.9% Ba   112,534 0.2% B   45,205 0.1% Caa   5,992 -% Ca and lower	Amount Percent Rating Agency Rating   \$ 30,122,657 58.4% Aaa/Aa/A \$   20,316,911 39.4% Baa   977,191 1.9% Ba   112,534 0.2% B   45,205 0.1% Caa   5,992 -% Ca and lower	Amount Percent Rating Agency Rating Amount   \$ 30,122,657 58.4% Aaa/Aa/A \$ 30,662,644   20,316,911 39.4% Baa 19,833,309   977,191 1.9% Ba 821,902   112,534 0.2% B 81,407   45,205 0.1% Caa 95,676   5,992 -% Ca and lower 85,552

## Watch List Securities - December 31, 2019

General Description		Amortized Cost	nrealized ns (Losses)	Fair Value	Months Below Amortized Cost	
Below investment grade						
Corporate securities:						
Consumer discretionary	\$	52,654	\$ (3,575)	\$ 49,079	0 - 59	
Energy		38,386	(5,742)	32,644	0 - 64	
Industrials		563	(363)	200	7	
Materials		3,990	560	4,550	_	
Other asset backed securities:						
Financials		977	261	1,238	_	
Industrials		8,364	(2,420)	5,944	50	
	\$	104,934	\$ (11,279)	\$ 93,655		

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

Financial Supplement - December 31, 2019 Unaudited (*Dollars in thousands*)

## **Fixed Maturity Securities by Sector**

		December 31, 2019		December 31, 2018				
		rtized ost		Fair Value	A	mortized Cost		Fair Value
Available for sale:								
United States Government full faith and credit and sponsored agencies	\$	763,164	\$	786,785	\$	1,220,340	\$	1,150,18
United States municipalities, states and territories	4	,147,343		4,527,671		3,880,703		4,126,26
Foreign government obligations		186,993		205,096		226,860		230,27
Corporate securities:								
Capital goods	2	2,550,750		2,794,986		2,491,620		2,485,84
Consumer discretionary	6	,082,974		6,658,120		5,742,182		5,665,192
Energy	2	,499,030		2,677,646		2,543,114		2,468,54
Financials	6	,737,325		7,323,150		6,046,859		6,054,59
Government non-guaranteed		539,639		606,308		564,912		578,65
Industrials		311,269		336,537		302,078		298,62
Information technology	1	,868,131		2,051,175		1,794,676		1,781,80
Materials	1	,818,048		1,961,033		1,771,359		1,759,32
Other		439,171		469,344		434,228		432,73
Telecommunications	1	,510,836		1,664,350		1,604,307		1,594,97
Transportation	1	,486,540		1,603,997		1,438,723		1,428,37
Utilities	3	,978,459		4,390,193		3,749,080		3,822,84
Residential mortgage backed securities:								
Government agency		591,100		646,787		604,998		636,63
Prime		793,357		815,916		420,350		434,99
Alt-A		93,281		112,961		109,275		130,53
Commercial mortgage backed securities:								
Government agency		414,626		437,420		442,287		438,06
Non-agency	5	,176,541		5,348,859		5,049,984		4,940,94
Other asset backed securities:								
Auto		403,860		411,371		315,439		318,61
Energy		7,495		8,603		_		-
Financials		4,967		5,493		8,322		8,93
Industrials		167,466		171,273		217,358		216,72
Collateralized loan obligations	4	,787,402		4,612,694		4,579,467		4,320,16
Military housing		471,621		539,029		438,350		464,07
Other		407,558		413,693		134,319		135,81
	\$ 48	3,238,946	\$	51,580,490	\$	46,131,190	\$	45,923,72

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY

Financial Supplement - December 31, 2019 Unaudited (*Dollars in thousands*)

## **Mortgage Loans on Commercial Real Estate**

		December	r 31, 2019	December 31, 2018			
		Principal	Percent	_	Principal	Percent	
Geographic distribution							
East	\$	645,991	18.7%	\$	586,773	19.9%	
Middle Atlantic		284,597	8.2%		168,969	5.7%	
Mountain		389,892	11.3%		357,642	12.1%	
New England		9,152	0.3%		9,418	0.3%	
Pacific		655,518	19.0%		521,363	17.7%	
South Atlantic		751,199	21.7%		694,599	23.5%	
West North Central		302,534	8.7%		291,890	9.9%	
West South Central		420,031	12.1%		321,810	10.9%	
	\$	3,458,914	100.0%	\$	2,952,464	100.0%	
Property type distribution							
Office	\$	250,287	7.3%	\$	268,932	9.1%	
Medical office		29,990	0.9%		33,467	1.1%	
Retail		1,225,670	35.4%		1,091,627	37.0%	
Industrial/Warehouse		896,558	25.9%		762,887	25.8%	
Apartment		858,679	24.8%		600,638	20.3%	
Agricultural		51,303	1.5%		25,000	0.9%	
Mixed use/other		146,427	4.2%		169,913	5.8%	
	\$	3,458,914	100.0%	\$	2,952,464	100.0%	
	De	cember 31, 2019	December 31, 2018				
Credit exposure - by payment activity							
Performing	\$	3,458,914	\$ 2,952,464				
In workout		_	_				
Delinquent		_	_				
Collateral dependent		_	_				
		3,458,914	2,952,464				
Specific loan loss allowance		(229)	(229)				
General loan loss allowance		(8,950)	(8,010)				
Deferred prepayment fees		(942)	(1,134)				
	\$	3,448,793	\$ 2,943,091				

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY Financial Supplement - December 31, 2019

#### **Shareholder Information**

#### **Corporate Offices:**

American Equity Investment Life Holding Company 6000 Westown Parkway West Des Moines, IA 50266

#### **Inquiries:**

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#### **Common Stock and Dividend Information:**

New York Stock Exchange symbol: "AEL"

	High	Low	Close	Dividend Declared
2019				
First Quarter	\$33.57	\$26.34	\$27.02	\$0.00
Second Quarter	\$30.91	\$25.84	\$27.16	\$0.00
Third Quarter	\$27.80	\$20.16	\$24.20	\$0.00
Fourth Quarter	\$30.96	\$21.75	\$29.93	\$0.30
2018				
First Quarter	\$35.79	\$28.90	\$29.36	\$0.00
Second Quarter	\$37.16	\$27.06	\$36.00	\$0.00
Third Quarter	\$38.57	\$34.51	\$35.36	\$0.00
Fourth Quarter	\$36.39	\$25.27	\$27.94	\$0.28
2017				
First Quarter	\$28.00	\$21.66	\$23.63	\$0.00
Second Quarter	\$26.65	\$22.23	\$26.28	\$0.00
Third Quarter	\$29.43	\$25.43	\$29.08	\$0.00
Fourth Quarter	\$32.54	\$28.06	\$30.73	\$0.26

#### **Transfer Agent:**

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Phone: (877) 282-1169 Fax: (781) 575-2723 www.computershare.com

#### **Annual Report and Other Information:**

Shareholders may receive when available, without charge, a copy of American Equity's Annual Report, SEC filings and/or press releases by calling Steven Schwartz, Vice President-Investor Relations, at (515) 273-3763 or by visiting our website at www.american-equity.com.

## AMERICAN EQUITY INVESTMENT LIFE HOLDING COMPANY Financial Supplement - December 31, 2019

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