UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

(Mark One)

| □ QUARTERLY REPORT | PURSUANT TO SECTIO | N 13 OR 15(d) OF | THE SECURITIES | S EXCHANGE AC | CT OF 1934 | |
|---|--|---|---|--|---|---|
| For the quarterly | period ended September | 30, 2020 | | | | |
| | | | or | | | |
| ☐ TRANSITION REPORT | PURSUANT TO SECTIO | N 13 OR 15(d) OF 1 | THE SECURITIES | S EXCHANGE AC | T OF 1934 | |
| | period from | ` ' | | | | |
| Commission File Number: 001- | | | | | | |
| | | Λ- | Fine | | | |
| | | / | ffac. | | | |
| | | A£ l = = 1 | Incorporated | I | | |
| | | | corporat | | | |
| | (Ex | act name of registr | ant as specified i | n its charter) | | |
| | Georgia | | | | 58-116 | 37100 |
| (State or other jurisdiction | on of incorporation or orga | nization) | | | (I.R.S. Employer I | dentification No.) |
| 1932 \ | Wynnton Road | | Columbus, | Georgia | 319 | |
| (Address of pri | ncipal executive offices) | | | | (ZIP C | lode) |
| | | | . 323.3431 | | | |
| | (Re | gistrant's telephone | number, includin | ng area code) | | |
| | (Former name, for | mer address and fo | rmer fiscal year, i | if changed since I | ast report) | |
| Title of each | n class | Trading S | ymbol(s) | Nar | ne of each exchange on v | which registered |
| Common Stock, \$.10 p | par value per share | AF | | | New York Stock Ex | |
| | | | | | | |
| Indicate by check mark whethe the preceding 12 months (or for for the past 90 days. ☑ Yes | such shorter period that | ed all reports require the registrant was i | ed to be filed by S required to file suc | Section 13 or 15(o ch reports), and (| d) of the Securities Excha 2) has been subject to su | ange Act of 1934 durin uch filing requirements |
| Indicate by check mark whethe Regulation S-T (§232.405 of this files). ☑ Yes ☐ No | er the registrant has subm s chapter) during the pred | itted electronically eding 12 months (d | every Interactive I or for such shorter | Data File required reperiod that the r | I to be submitted pursuar egistrant was required to | it to Rule 405 of submit such |
| Indicate by check mark whethe emerging growth company. Se Rule 12b-2 of the Exchange Ac | e the definitions of "large | accelerated filer, ar accelerated filer," "a | n accelerated filer accelerated filer," | r, a non-accelerat "smaller reportino | ed filer, a smaller reporting company," and "emergin | ig company, or an ng growth company" ii |
| Large accelerated filer | \square | | | Accelerate | ed filer | |
| Non-accelerated filer | | | | Smaller re | eporting company | |
| | | | | Emerging | growth company | |
| If an emerging growth company revised financial accounting sta | r, indicate by check mark andards provided pursuant | if the registrant has to Section 13(a) of | s elected not to us the Exchange A | se the extended tot. \square | transition period for comp | lying with any new or |
| Indicate by check mark whethe | r the registrant is a shell | company (as define | ed in Rule 12b-2 c | of the Exchange A | Act). □ Yes ☑ No | |
| Indicate the number of shares of issuer's common stock were or | outstanding of each of the utstanding as of October | issuer's classes o 19, 2020. | f common stock, | as of the latest p | racticable date. 702,445, | 245 shares of the |
| | | | | | | |
| | | | | | | |

Aflac Incorporated and Subsidiaries Quarterly Report on Form 10-Q For the Quarter Ended September 30, 2020

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Items other than those listed above are omitted because they are not required or are not applicable.

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements.

Aflac Incorporated and Subsidiaries Consolidated Statements of Earnings

| | Three Mor Septen | | | Nine Mont Septem | ed |
|---|---------------------|-------------|----|----------------------|--------------|
| (In millions, except for share and per-share amounts - Unaudited) | 2020 | 2019 | 2 | 2020 | 2019 |
| Revenues: | | | | | |
| Net premiums, principally supplemental health insurance | \$ 4,623 | \$ 4,736 | \$ | 13,969 | \$ 14,109 |
| Net investment income | 896 | 936 | | 2,669 | 2,692 |
| Net investment gains (losses) | 108 | (153) | | (525) | (147) |
| Other income (loss) | 38 | 17 | | 121 | 50 |
| Total revenues | 5,665 | 5,536 | | 16,234 | 16,704 |
| Benefits and expenses: | | | | | |
| Benefits and claims, net | 2,985 | 3,027 | | 8,822 | 8,958 |
| Acquisition and operating expenses: | | | | | |
| Amortization of deferred policy acquisition costs | 292 | 317 | | 914 | 967 |
| Insurance commissions | 325 | 330 | | 993 | 990 |
| Insurance and other expenses | 847 | 769 | | 2,382 ⁽¹⁾ | 2,230 |
| Interest expense | 63 | 57 | | 181 | 171 |
| Total acquisition and operating expenses | 1,527 | 1,473 | | 4,470 | 4,358 |
| Total benefits and expenses | 4,512 | 4,500 | | 13,292 | 13,316 |
| Earnings before income taxes | 1,153 | 1,036 | | 2,942 | 3,388 |
| Income taxes | (1,303) | 259 | | (884) | 865 |
| Net earnings | \$ 2,456 | \$ 777 | \$ | 3,826 | \$ 2,523 |
| Net earnings per share: | | | | | |
| Basic | \$ 3.45 | \$ 1.05 | \$ | 5.33 | \$ 3.38 |
| Diluted | 3.44 | 1.04 | | 5.31 | 3.37 |
| Weighted-average outstanding common shares used in computing earnings per share (In thousands): | | | | | |
| Basic | 711,698 | 739,946 | | 717,962 | 745,465 |
| Diluted | 713,793 | 743,842 | | 720,333 | 749,452 |
| Cash dividends per share | \$.28 | \$.27 | \$ | .84 | \$.81 |

⁽¹⁾ Includes expense of \$15 for the early extinguishment of debt See the accompanying Notes to the Consolidated Financial Statements.

Aflac Incorporated and Subsidiaries Consolidated Statements of Comprehensive Income (Loss)

| | Three Months Ended September 30, | | | | ths Ended nber 30, | | |
|---|-------------------------------------|-------|----|-------|-----------------------|----|-------|
| (In millions - Unaudited) | | 2020 | | 2019 | 2020 | | 2019 |
| Net earnings | \$ | 2,456 | \$ | 777 | \$ 3,826 | \$ | 2,523 |
| Other comprehensive income (loss) before income taxes: | | | | | | | |
| Unrealized foreign currency translation gains (losses) during period | | 172 | | (22) | 329 | | 393 |
| Unrealized gains (losses) on fixed maturity securities: | | | | | | | |
| Unrealized holding gains (losses) on fixed maturity securities during period | | 1,420 | | 1,185 | 26 | | 6,427 |
| Reclassification adjustment for (gains) losses on fixed maturity securities included in net earnings | | (13) | | 41 | 132 | | (1) |
| Unrealized gains (losses) on derivatives during period | | 2 | | (8) | (3) | | (12) |
| Pension liability adjustment during period | | (1) | | 1 | (1) | | 5 |
| Total other comprehensive income (loss) before income taxes | | 1,580 | | 1,197 | 483 | | 6,812 |
| Income tax expense (benefit) related to items of other comprehensive income (loss) | | 413 | | 310 | 29 | | 1,712 |
| Other comprehensive income (loss), net of income taxes | | 1,167 | | 887 | 454 | | 5,100 |
| Total comprehensive income (loss) | \$ | 3,623 | \$ | 1,664 | \$ 4,280 | \$ | 7,623 |

See the accompanying Notes to the Consolidated Financial Statements.

Aflac Incorporated and Subsidiaries Consolidated Balance Sheets

| (In millions, except for share and per-share amounts) | | tember 30, 2020 naudited) | Dec | December 31, 2019 | |
|--|----|---------------------------------|-----|----------------------|--|
| In millors, except for snare and per-snare amounts <i>)</i> Assets: | (u | iaudited) | | 2019 | |
| Investments and cash: | | | | | |
| Fixed maturity securities available for sale, at fair value, (allowance for credit losses of \$38 in 2020, amortized cost \$86,659 in 2020 and amortized cost \$76,063 in 2019) | \$ | 98,844 | \$ | 86,950 | |
| Fixed maturity securities available for sale - consolidated variable interest entities, at fair value (amortized cost \$3,279 in 2020 and amortized cost of \$3,308 in 2019) | | 4,284 | | 4,312 | |
| Fixed maturity securities held to maturity, at amortized cost, net of allowance for credit losses of \$9 in 2020 (fair value \$29,807 in 2020 and \$37,594 in 2019) | | 23,937 | | 30,085 | |
| Equity securities, at fair value | | 775 | | 802 | |
| Commercial mortgage and other loans, net of allowance for credit losses of \$165 in 2020 (includes \$9,245 in 2020 and \$7,956 in 2019 of consolidated variable interest entities) | | 10,822 | | 9,569 | |
| Other investments (includes \$658 in 2020 and \$494 in 2019 of consolidated variable interest entities) | | 1,904 | | 1,477 | |
| Cash and cash equivalents | | 5,563 | | 4,896 | |
| Total investments and cash | | 146,129 | | 138,091 | |
| Receivables | | 824 | | 828 | |
| Accrued investment income | | 737 | | 772 | |
| Deferred policy acquisition costs | | 10,319 | | 10,128 | |
| Property and equipment, at cost less accumulated depreciation | | 584 | | 581 | |
| Other | | 2,362 | | 2,368 | |
| Total assets | \$ | 160,955 | \$ | 152,768 | |
| Policy liabilities: Future policy benefits Uhpaid policy claims | \$ | 95,240 4,976 | \$ | 90,335 4,659 | |
| Unearned premiums | | 3,729 | | 4,243 | |
| Other policyholders' funds | | 7,642 | | 7,317 | |
| Total policy liabilities | | 111,587 | | 106,554 | |
| Income taxes | | 4,278 | | 5,370 | |
| Payables for return of cash collateral on loaned securities | | 1,495 | | 1,876 | |
| Notes payable and lease obligations | | 7,825 | | 6,569 | |
| Other | | 3,291 | | 3,440 | |
| Total liabilities | | 128,476 | | 123,809 | |
| Commitments and contingent liabilities (Note 13) | | | | | |
| Shareholders' equity: | | | | | |
| Common stock of \$.10 par value. In thousands: authorized 1,900,000 shares in 2020 and 2019; issued 1,350,855 shares in 2020 and 1,349,309 shares in 2019 | | 135 | | 135 | |
| Additional paid-in capital | | 2,383 | | 2,313 | |
| Retained earnings | | 37,460 | | 34,291 | |
| Accumulated other comprehensive income (loss): | | | | | |
| Unrealized foreign currency translation gains (losses) | | (1,290) | | (1,623) | |
| Uhrealized gains (losses) on fixed maturity securities | | 9,520 | | 8,548 | |
| Unrealized gains (losses) on derivatives | | (35) | | (33) | |
| Pension liability adjustment | | (278) | | (277) | |
| Treasury stock, at average cost | | (15,416) | | (14,395) | |
| Total shareholders' equity | | 32,479 | | 28,959 | |
| Total liabilities and shareholders' equity | \$ | 160.955 | \$ | 152,768 | |

See the accompanying Notes to the Consolidated Financial Statements.

Aflac Incorporated and Subsidiaries Consolidated Statements of Shareholders' Equity

| (In millions, except for per share amounts - Unaudited) | Common Stock | A | Additional Paid- in Capital | Retained Earnings | Accumulated Other Comprehensive Income (Loss) | Tr | reasury Stock | Total Shareholders' Equity |
|--|-----------------|----|--------------------------------|----------------------|---|----|---------------|----------------------------------|
| Balance at December 31, 2019 | \$ 135 | \$ | 2,313 \$ | 34,291 | \$ 6,615 | \$ | (14,395)\$ | 28,959 |
| Cumulative effect of change in accounting principle, Accounting Standards Update (ASU) 2016-13, net of tax ⁽¹⁾ | 0 | | 0 | (56) | 0 | | 0 | (56) |
| Cumulative effect of change in accounting principle, ASU 2019-04, net of tax (1) | 0 | | 0 | 0 | 848 | | 0 | 848 |
| Balance at January 1, 2020 | \$ 135 | \$ | 2,313 \$ | 34,235 | \$ 7,463 | \$ | (14,395)\$ | 29,751 |
| Net earnings | 0 | | 0 | 566 | 0 | | 0 | 566 |
| Unrealized foreign currency translation gains (losses) during period, net of income tax | 0 | | 0 | 0 | 80 | | 0 | 80 |
| Unrealized gains (losses) on fixed maturity securities during period, net of income taxes and reclassification adjustments | 0 | | 0 | 0 | (3,353) |) | 0 | (3,353) |
| Unrealized gains (losses) on derivatives during period, net of income taxes | 0 | | 0 | 0 | (2) |) | 0 | (2) |
| Pension liability adjustment during period, net of income taxes | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Dividends to shareholders (\$.28 per share) | 0 | | 0 | (202) | 0 | | 0 | (202) |
| Exercise of stock options | 0 | | 5 | 0 | 0 | | 0 | 5 |
| Share-based compensation | 0 | | 7 | 0 | 0 | | 0 | 7 |
| Purchases of treasury stock | 0 | | 0 | 0 | 0 | | (476) | (476) |
| Treasury stock reissued | 0 | | 9 | 0 | 0 | | 17 | 26 |
| Balance at March 31, 2020 | \$ 135 | \$ | 2,334 \$ | 34,599 | \$ 4,188 | \$ | (14,854)\$ | 26,402 |
| Net earnings | 0 | | 0 | 805 | 0 | | 0 | 805 |
| Unrealized foreign currency translation gains (losses) during period, net of income tax | 0 | | 0 | 0 | 74 | | 0 | 74 |
| Unrealized gains (losses) on fixed maturity securities during period, net of income taxes and reclassification adjustments | 0 | | 0 | 0 | 2,489 | | 0 | 2,489 |
| Unrealized gains (losses) on derivatives during period, net of income taxes | 0 | | 0 | 0 | (1) |) | 0 | (1) |
| Pension liability adjustment during period, net of income taxes | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Dividends to shareholders (\$.28 per share) | 0 | | 0 | (200) | 0 | | 0 | (200) |
| Exercise of stock options | 0 | | 1 | 0 | 0 | | 0 | 1 |
| Share-based compensation | 0 | | 16 | 0 | 0 | | 0 | 16 |
| Purchases of treasury stock | 0 | | 0 | 0 | 0 | | (189) | (189) |
| Treasury stock reissued | 0 | | 7 | 0 | 0 | | 16 | 23 |
| Balance at June 30, 2020 | \$ 135 | \$ | 2,358 \$ | 35,204 | \$ 6,750 | \$ | (15,027)\$ | 29,420 |

⁽¹⁾ See Note 1 of the Notes to the Consolidated Financial Statements for the adoption of accounting guidance on January 1, 2020. See the accompanying Notes to the Consolidated Financial Statements

(continued)

Aflac Incorporated and Subsidiaries Consolidated Statements of Shareholders' Equity (continued)

| (In millions, except for per share amounts - Unaudited) | Common Stock | Additional Paid- in Capital | Retained Earnings | Accumulated Other Comprehensive Income (Loss) | Treasury Stock | Total Shareholders' Equity |
|--|-----------------|--------------------------------|----------------------|---|----------------|----------------------------------|
| Balance at June 30, 2020 | \$ 135 | \$ 2,358 \$ | 35,204 \$ | 6,750 | \$ (15,027)\$ | 29,420 |
| Net earnings | 0 | 0 | 2,456 | 0 | 0 | 2,456 |
| Unrealized foreign currency translation gains (losses) during period, net of income tax | 0 | 0 | 0 | 179 | 0 | 179 |
| Unrealized gains (losses) on fixed maturity securities during period, net of income taxes and reclassification adjustments | 0 | 0 | 0 | 988 | 0 | 988 |
| Unrealized gains (losses) on derivatives during period, net of income taxes | 0 | 0 | 0 | 1 | 0 | 1 |
| Pension liability adjustment during period, net of income taxes | 0 | 0 | 0 | (1) | 0 | (1) |
| Dividends to shareholders (\$.28 per share) | 0 | 0 | (200) | 0 | 0 | (200) |
| Exercise of stock options | 0 | 2 | 0 | 0 | 0 | 2 |
| Share-based compensation | 0 | 16 | 0 | 0 | 0 | 16 |
| Purchases of treasury stock | 0 | 0 | 0 | 0 | (400) | (400) |
| Treasury stock reissued | 0 | 7 | 0 | 0 | 11 | 18 |
| Balance at September 30, 2020 | \$ 135 | \$ 2,383 \$ | 37,460 \$ | 7,917 | \$ (15,416)\$ | 32,479 |

See the accompanying Notes to the Consolidated Financial Statements

(continued)

Aflac Incorporated and Subsidiaries Consolidated Statements of Shareholders' Equity (continued)

| (In millions, except for per share amounts - Unaudited | d) | Common Stock | nal Paid- apital | etained arnings | C | cumulated Other comprehensive Income (Loss) | | Treasury Stock | Total Shareholders' Equity |
|--|----|-----------------|---------------------|--------------------|----|---|----|-------------------|-------------------------------|
| Balance at December 31, 2018 | \$ | 135 | \$ 2,177 | \$ 31,788 | \$ | 2,15 | 1 | \$ (12,789)\$ | 23,462 |
| Net earnings | | 0 | 0 | 928 | | | 0 | 0 | 928 |
| Unrealized foreign currency translation gains (losses) during period, net of income tax | | 0 | 0 | 0 | | (| 1) | 0 | (1) |
| Unrealized gains (losses) on fixed maturity securities during period, net of income taxes and reclassification adjustments | | 0 | 0 | 0 | | 2,32 | .7 | 0 | 2,327 |
| Unrealized gains (losses) on derivatives during period, net of income taxes | | 0 | 0 | 0 | | (: | 2) | 0 | (2) |
| Pension liability adjustment during period, net of income taxes | | 0 | 0 | 0 | | | 6 | 0 | 6 |
| Dividends to shareholders (\$.27 per share) | | 0 | 0 | (203) | | | 0 | 0 | (203) |
| Exercise of stock options | | 0 | 11 | 0 | | | 0 | 0 | 11 |
| Share-based compensation | | 0 | 8 | 0 | | | 0 | 0 | 8 |
| Purchases of treasury stock | | 0 | 0 | 0 | | | 0 | (517) | (517) |
| Treasury stock reissued | | 0 | 12 | 0 | | | 0 | ` 18 [°] | 30 |
| Balance at March 31, 2019 | \$ | 135 | \$ 2,208 | \$ 32,513 | \$ | 4,48 | 1 | \$ (13,288)\$ | 26,049 |
| Net earnings | | 0 | 0 | 817 | | | 0 | 0 | 817 |
| Unrealized foreign currency translation gains (losses) during period, net of income tax | | 0 | 0 | 0 | | 39 | 3 | 0 | 393 |
| Unrealized gains (losses) on fixed maturity securities during period, net of income taxes and reclassification adjustments | | 0 | 0 | 0 | | 1,49 | 4 | 0 | 1,494 |
| Unrealized gains (losses) on derivatives during period, net of income taxes | | 0 | 0 | 0 | | (| 1) | 0 | (1) |
| Pension liability adjustment during period, net of income taxes | | 0 | 0 | 0 | | (| 3) | 0 | (3) |
| Dividends to shareholders (\$.27 per share) | | 0 | 0 | (200) | | | 0 | 0 | (200) |
| Exercise of stock options | | 0 | 12 | 0 | | | 0 | 0 | 12 |
| Share-based compensation | | 0 | 15 | 0 | | | 0 | 0 | 15 |
| Purchases of treasury stock | | 0 | 0 | 0 | | | 0 | (358) | (358) |
| Treasury stock reissued | | 0 | 12 | 0 | | | 0 | <u>` 11</u> | 23 |
| Balance at June 30, 2019 | \$ | 135 | \$ 2,247 | \$ 33,130 | \$ | 6,36 | 4 | \$ (13,635)\$ | 28,241 |

See the accompanying Notes to the Consolidated Financial Statements.

(continued)

Aflac Incorporated and Subsidiaries Consolidated Statements of Shareholders' Equity (continued)

| (In millions, except for per share amounts - Unaudited) | Common Stock | Additional Paid- in Capital | Retained Earnings | Accumulated Other Comprehensive Income (Loss) | Treasury Stock | Total Shareholders' Equity |
|--|-----------------|--------------------------------|----------------------|---|----------------|-------------------------------|
| Balance at June 30, 2019 | 135 | \$ 2,247 | \$ 33,130 | \$ 6,364 | \$ (13,635) \$ | 28,241 |
| Net earnings | 0 | 0 | 777 | 0 | 0 | 777 |
| Unrealized foreign currency translation gains (losses) during period, net of income tax | 0 | 0 | 0 | (24) | 0 | (24) |
| Unrealized gains (losses) on fixed maturity securities during period, net of income taxes and reclassification adjustments | 0 | 0 | 0 | 915 | 0 | 915 |
| Unrealized gains (losses) on derivatives during period, net of income taxes | 0 | 0 | 0 | (6) | 0 | (6) |
| Pension liability adjustment during period, net of income taxes | 0 | 0 | 0 | 2 | 0 | 2 |
| Dividends to shareholders (\$.27 per share) | 0 | 0 | (197) | 0 | 0 | (197) |
| Exercise of stock options | 0 | 3 | 0 | 0 | 0 | 3 |
| Share-based compensation | 0 | 15 | 0 | 0 | 0 | 15 |
| Purchases of treasury stock | 0 | 0 | 0 | 0 | (311) | (311) |
| Treasury stock reissued | 0 | 12 | 0 | 0 | 11 | 23 |
| Balance at September 30, 2019 | 135 | \$ 2,277 | \$ 33,710 | \$ 7,251 | \$ (13,935) | 29,438 |

See the accompanying Notes to the Consolidated Financial Statements.

Aflac Incorporated and Subsidiaries Consolidated Statements of Cash Flows

| | Nine Months End | led September 30, |
|--|-----------------|-------------------|
| (In millions - Unaudited) | 2020 | 2019 |
| Cash flows from operating activities: | | |
| Net earnings | \$ 3,826 | \$ 2,523 |
| Adjustments to reconcile net earnings to net cash provided (used) by operating activities: | | |
| Change in receivables and advance premiums | 12 | (36) |
| Capitalization of deferred policy acquisition costs | (870) | (1,057) |
| Amortization of deferred policy acquisition costs | `914 | 967 |
| Increase in policy liabilities | 1,601 | 1,659 |
| Change in income tax liabilities | (1,509) | (85) |
| Net investment (gains) losses | 525 | 147 |
| Other, net | 102 | 145 |
| Net cash provided (used) by operating activities | 4,601 | 4,263 |
| Cash flows from investing activities: | , | , |
| Proceeds frominvestments sold or matured: | | |
| Available-for-sale fixed maturity securities | 2,688 | 3,127 |
| Equity securities | 217 | 570 |
| Held-to-maturity fixed maturity securities | 3 | 437 |
| Commercial mortgage and other loans | 1,115 | 1,293 |
| Costs of investments acquired: | • | , |
| Available-for-sale fixed maturity securities | (3,710) | (5,908) |
| Equity securities | (275) | (321) |
| Commercial mortgage and other loans | (2,554) | (2,634) |
| Other investments, net | (405) | (682) |
| Settlement of derivatives, net | 15 | 13 |
| Cash received (pledged or returned) as collateral, net | (420) | 1,144 |
| Other, net | (185) | , 15 |
| Net cash provided (used) by investing activities | (3,511) | (2,946) |
| Cash flows from financing activities: | (-7- 7 | (/ / |
| Purchases of treasury stock | (1,037) | (1,157) |
| Proceeds fromborrowings | 1,545 | 268 |
| Principal payments under debt obligations | (350) | 0 |
| Dividends paid to shareholders | (580) | (579) |
| Change in investment-type contracts, net | (7) | 0 |
| Treasury stock reissued | 27 | 38 |
| Other, net | (29) | 1 |
| · · · · · · · · · · · · · · · · · · · | (431) | (1,429) |
| Net cash provided (used) by financing activities | | |
| Effect of exchange rate changes on cash and cash equivalents | 8 | (9) |
| Net change in cash and cash equivalents | 667 | (121) |
| Cash and cash equivalents, beginning of period | 4,896 | 4,337 |
| Cash and cash equivalents, end of period | \$ 5,563 | \$ 4,216 |
| Supplemental disclosures of cash flow information: | | |
| Income taxes paid | \$ 626 | \$ 950 |
| Interest paid | 131 | 132 |
| Noncash interest | 47 | 38 |
| Noncash financing activities: | | |
| Lease obligations | 31 | 82 |
| Treasury stock issued for: | | |
| Associate stock bonus | 12 | 12 |
| Shareholder dividend reinvestment | 22 | 21 |
| Share-based compensation grants | 6 | 5 |

See the accompanying Notes to the Consolidated Financial Statements.

Aflac Incorporated and Subsidiaries Notes to the Consolidated Financial Statements

(Interim period data - Unaudited)

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Description of Business

Aflac Incorporated (the Parent Company) and its subsidiaries (collectively, the Company) primarily sell supplemental health and life insurance in the United States (U.S.) and Japan. The Company's operations consist of two reportable business segments: Aflac Japan and Aflac U.S. The Parent Company's primary insurance subsidiaries are Aflac Life Insurance Japan Ltd. (Aflac Japan) and American Family Life Assurance Company of Columbus (Aflac); Continental American Insurance Company (CAIC), branded as Aflac Group Insurance (AGI); American Family Life Assurance Company of New York (Aflac New York); Tier One Insurance Company (TOIC) and Argus Dental & Vision, Inc. (Argus), which provides a platform for Aflac Dental and Vision in the U.S. (collectively, Aflac U.S.). Aflac Japan's revenues, including net gains and losses on its investment portfolio, accounted for 68% and 69% of the Company's total revenues in the nine-month periods ended September 30, 2020 and 2019, respectively. The percentage of the Company's total assets attributable to Aflac Japan was 83% at September 30, 2020, compared with 84% at December 31, 2019.

Basis of Presentation

The Company prepares its financial statements in accordance with U.S. generally accepted accounting principles (U.S. GAAP). These principles are established primarily by the Financial Accounting Standards Board (FASB). In these Notes to the Consolidated Financial Statements, references to U.S. GAAP issued by the FASB are derived from the FASB Accounting Standards CodificationTM (ASC). The preparation of financial statements in conformity with U.S. GAAP requires the Company to make estimates based on currently available information when recording transactions resulting from business operations. The most significant items on the Company's balance sheet that involve a greater degree of accounting estimates and actuarial determinations subject to changes in the future are the valuation of investments and derivatives, deferred policy acquisition costs (DAC), liabilities for future policy benefits and unpaid policy claims, and income taxes. These accounting estimates and actuarial determinations are sensitive to market conditions, investment yields, mortality, morbidity, commission and other acquisition expenses, and terminations by policyholders. As additional information becomes available, or actual amounts are determinable, the recorded estimates will be revised and reflected in operating results. Although some variability is inherent in these estimates, the Company believes the amounts provided are adequate.

The unaudited consolidated financial statements include the accounts of the Parent Company, its subsidiaries and those entities required to be consolidated under applicable accounting standards. All material intercompany accounts and transactions have been eliminated.

In the opinion of management, the accompanying unaudited consolidated financial statements of the Company contain all adjustments, consisting of normal recurring accruals, which are necessary to fairly present the consolidated balance sheets as of September 30, 2020, and December 31, 2019, the consolidated statements of earnings and comprehensive income (loss) for the three-month and nine-month periods ended September 30, 2020 and 2019, the consolidated statement of shareholders' equity for the three-month periods ended March 31, 2020 and 2019, June 30, 2020 and 2019 and September 30, 2020 and 2019, and the consolidated statement of cash flows for the nine-month periods ended September 30, 2020 and 2019. Results of operations for interim periods are not necessarily indicative of results for the entire year. As a result, these financial statements should be read in conjunction with the financial statements and notes thereto included in the Company's annual report on Form 10-K for the year ended December 31, 2019 (2019 Annual Report).

COVID-19: On March 11, 2020, the World Health Organization declared the COVID-19 outbreak a global pandemic. The impact of COVID-19 on the Company continues to evolve, and its future effects remain uncertain. The Company continues to closely monitor the effects and risks of COVID-19 to assess its impact on economic conditions in Japan and the U.S. and on the Company's business, financial condition, results of operations, liquidity and capital position.

Liquidity and Capital Resources

The Company entered the crisis having maintained capital ratios in Japan and the U.S. at a level designed to absorb a degree of market volatility. To further support liquidity and capital resources, the Parent Company, in

March 2020, issued four series of senior notes totaling ¥57.0 billion and, in April 2020, issued \$1.0 billion in senior notes through public debt offerings under its U.S. shelf registration statement. The Company has available liquidity in its unsecured revolving credit facilities of \$1.0 billion and ¥100.0 billion and currently has no borrowings under either of these facilities. In April 2020, Aflac increased its internal limit for Federal Home Loan Bank of Atlanta (FHLB) borrowings to \$800 million, \$300 million of which the Company has designated to be used for short-term liquidity needs and subject to qualified collateral availability and other conditions. The Company continues to evaluate other sources of liquidity including reinvestment cash flows and selling investments.

Loan Modifications

On March 27, 2020, the Coronavirus, Aid, Relief, and Economic Security (CARES) Act, which provides relief from certain requirements under GAAP, was signed into law. Section 4013 of the CARES Act gives entities temporary relief from the accounting and disclosure requirements for troubled debt restructurings (TDRs) under ASC 310-40 in certain situations. On April 7, 2020, certain regulatory banking agencies, in consultation with the FASB, issued the *Interagency Statement on Loan Modifications and Reporting for Financial Institutions Working with Customers Affected by the Coronavirus* (Interagency statement) applicable for all entities, which offers practical expedients for evaluating whether loan modifications in response to the COVID-19 pandemic are treated as TDRs. The Company will apply relief granted under Section 4013 of the CARES Act and the Interagency statement with respect to certain qualifying loan modifications. For loan modifications that qualify under the CARES Act, TDR accounting and reporting is suspended through the period of the modification; however, the Company will continue to apply its existing non-accrual policies including consideration of the loan's past due status which is determined on the basis of the contractual terms of the loan. Once a loan has been contractually modified, the past due status is generally based on the updated terms including payment deferrals. As of September 30, 2020, loan modifications did not have a material impact on the Company's results of operations. See Note 3 of Notes to the Consolidated Financial Statements for additional details.

Reclassifications: Certain reclassifications have been made to prior-year amounts to conform to current-year reporting classifications. These reclassifications had no impact on net earnings or total shareholders' equity.

New Accounting Pronouncements

Recently Adopted Accounting Pronouncements

| In March 2020, the FASB issued amendments that provide optional expedients and exceptions for | A | |
|---|--|---|
| provide opinional expedients and exceptions for applying U.S. GAAP to contracts, hedging relationships, and other transactions affected by the reference rate reform if certain criteria are met. The amendments in this ASU only apply to contracts, hedging relationships, and other transactions that reference LIBOR or another reference rate expected to be discontinued because of reference rate reform. | | The adoption of the new guidance did not have an impact on the Company's financial statements. The Company will continue to evaluate the impacts of reference rate reform on contract modifications and hedging relationships through December 31, 2022. |
| An entity may elect to apply the amendments as of any date from the beginning of an interim period that includes or is subsequent to March 12, 2020, or prospectively from a date within an interim period that includes or is subsequent to March 12, 2020, up to the date that the financial statements are available to be issued. | | |
| The amendments generally expire on December 31 2022, i.e., they do not apply to contract modifications made after December 31, 2022, new hedging relationships entered into after December 31, 2022, and hedging relationships evaluated for periods after December 31, 2022. | | |
| In April 2019, the FASB issued Codification improvements to clarify and correct certain areas of guidance amended as part of ASU 2016-01, Financial Instruments - Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities; ASU 2016-13, Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments; and ASU 2017-12, Derivative and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities. | | The adoption of this guidance resulted in a reclassification of \$6.9 billion (at amortized cost) of pre-payable fixed-maturity securities from the held-to-maturity to the available-for-sale category. The reclassification resulted in recording in accumulated other comprehensive income a net unrealized gain of \$848 million on an after-tax basis, based on the securities' fair values on the reclassification date. The reclassification |
| The most significant of these improvements to the Company was related to the Codification improvement to ASU 2017-12 and the clarification that a one-time reclassification of assets that are eligible to be hedged under the last-of-layer method (i.e., certain pre-payable securities) from held-to-maturity to available-for-sale is allowed under the new hedge accounting guidance and would not impact the Company's ability to continue to classify other bonds as held-to-maturity. | | impacted the adoption of ASU 2016-13 (see ASU 2016-13 below for additional details). |
| The other amendments related to ASU 2017-12 and 2016-01 are either not significant, or were previously implemented as part of the related ASU adoptions. Applicable amendments related to ASU 2016-13 are | | |
| and and Adirpinds Tongae Ining/Jallerae Total and Total | and other transactions affected by the reference rate eform if certain criteria are met. The amendments in his ASU only apply to contracts, hedging relationships, and other transactions that reference LIBOR or another eference rate expected to be discontinued because of eference rate expected to be discontinued because of eference rate reform. An entity may elect to apply the amendments as of any date from the beginning of an interim period that includes or is subsequent to March 12, 2020, or or orospectively from a date within an interim period that includes or is subsequent to March 12, 2020, up to the late that the financial statements are available to be sesued. The amendments generally expire on December 31, 2022, i.e., they do not apply to contract modifications made after December 31, 2022, new hedging elationships entered into after December 31, 2022, and hedging relationships evaluated for periods after December 31, 2022. In April 2019, the FASB issued Codification mprovements to clarify and correct certain areas of puddance amended as part of ASU 2016-01, Financial instruments - Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial instruments - Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial instruments; and ASU 2017-12, Derivative and Hedging (Topic 815): Targeted Improvements to the Company was related to the Codification improvement to ASU 2017-12 and the clarification that a one-time eclassification of assets that are eligible to be hedged under the last-of-layer method (i.e., certain pre-payable securities) from held-to-maturity to available-for-sale is allowed under the new hedge accounting quidance and would not impact the Company's ability to continue to classify other bonds as held-to-maturity. | and other transactions affected by the reference rate eform if certain criteria are met. The amendments in his ASU only apply to contracts, hedging relationships, and other transactions that reference LIBOR or another eference rate expected to be discontinued because of eference rate reform. An entity may elect to apply the amendments as of any late from the beginning of an interim period that notudes or is subsequent to March 12, 2020, or prospectively from a date within an interim period that notudes or is subsequent to March 12, 2020, up to the late that the financial statements are available to be sisued. The amendments generally expire on December 31 and hedging relationships evaluated for periods after December 31, 2022, and hedging relationships evaluated for periods after December 31, 2022. In April 2019, the FASB issued Codification may be a provided and the statements of purpose ments to clarify and correct certain areas of purpose ments to clarify and correct certain areas of purpose ments. Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial instruments - Overall (Subtopic 825-10): Recognition and Measurement of Financial Instruments - Credit Losses on Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments and ASU 2017-12, Derivative and Hedging (Topic 815): Targeted Improvements to the Company was related to the Codification improvement to ACCOUNTION of assets that are eligible to be hedged under the last-of-layer method (i.e., certain pre-payable ecurities) from held-to-maturity to available-for-sale is allowed under the new hedge accounting guidance and would not impact the Company's ability to continue to classify other bonds as held-to-maturity. The other amendments related to ASU 2017-12 and 2016-01 are either not significant, or were previously mellemented as part of the related ASU adoptions. |

| Standard | Description | Date of Adoption | Effect on Financial Statements or Other Significant Matters |
|--|--|------------------|--|
| ASU 2018-17 Consolidation: Targeted Improvements to Related Party Guidance for Variable Interest Entities | In October 2018, the FASB issued targeted improvements which provide that indirect interests held through related parties under common control should be considered on a proportional basis for determining whether fees paid to decision makers and service providers are variable interests. | January 1, 2020 | The adoption of this guidance did not have a significant impact on the Company's financial position, results of operations, or disclosures. |
| ASU 2018-13 Fair Value Measurement, Disclosure Framework - Changes to the Disclosure Requirements for Fair Value Measurement | In August 2018, the FASB issued amendments to the disclosure requirements on fair value measurements. The amendments remove, modify, and add certain disclosures. | January 1, 2020 | The adoption of this guidance did not have a significant impact on the Company's financial position, results of operations, or disclosures. |
| ASU 2017-04 Intangibles - Goodwill and Other: Simplifying the Test for Goodwill Impairment | In January 2017, the FASB issued amendments simplifying the subsequent measurement of goodwill. An entity, under this update, is no longer required to perform a hypothetical purchase price allocation to measure goodwill impairment. Instead, the entity should perform its annual or interim goodwill impairment test by comparing the fair value of a reporting unit with its carrying amount. | January 1, 2020 | The adoption of this guidance did not have a significant impact on the Company's financial position, results of operations, or disclosures. |
| ASU 2016-13 Financial Instruments - Credit Losses: Measurement of Credit Losses on Financial Instruments as clarified and amended by. ASU 2019-04, Codification Improvements to Topic 326, Financial Instruments - Credit Losses, Topic 815, Derivatives and Hedging, and Topic 825, Financial Instruments, ASU 2019-05, Financial Instruments - Credit Losses (Topic 326), Targeted Transition Relief and ASU 2019-11, Codification Improvements to Topic 326, Financial Instruments- Credit Losses | In June 2016, the FASB issued amendments that require a financial asset (or a group of financial assets) measured at amortized cost to be presented net of an allowance for credit losses (Credit Losses ASU) in order to reflect the amount expected to be collected on the financial asset(s). The measurement of expected credit losses is amended by replacing the incurred loss impairment methodology with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information. Credit losses on available-for-sale debt securities is measured in a manner similar to prior U.S. GAAP; however, the amendments require that credit losses be presented as an allowance rather than as a write-down. Other amendments include changes to the balance sheet presentation and interest income recognition of purchased financial assets with a more-than-insignificant credit deterioration since origination (PCD financial assets). | January 1, 2020 | The Company recorded a cumulative effect adjustment with a decrease to beginning 2020 retained earnings of \$56 million, net of taxes. See Note 3 of the Notes to the Consolidated Financial Statements for credit loss disclosures. The following line items in the consolidated balance sheets were most significantly impacted by the adoption of the new accounting standard: • Fixed maturity securities held to maturity, at amortized cost • Commercial mortgage and other loans • Reinsurance recoverable, included within Other assets |

Accounting Pronouncements Pending Adoption

| Standard | Description | Effect on Financial Statements or Other Significant Matters |
|--|--|---|
| ASU 2020-01 Clarifying the interactions between Topic 321, Topic 323, and Topic 815 | equity method of accounting for the purposes of applying the measurement | The adoption of this guidance is not expected to have a significant impact on the Company's financial position, results of operations, or disclosures. |
| | In addition, the amendments clarify that for the purpose of applying certain derivative guidance in Topic 815, an entity should not consider whether, upon the settlement of the forward contract or exercise of the purchased option, individually or with existing investments, the underlying securities would be accounted for under the equity method in Topic 323 or the fair value option in accordance with the financial instruments guidance in Topic 825. An entity also would evaluate the remaining characteristics in Topic 815 to determine the accounting for those forward contracts and purchased options. | |
| | The amendments are effective for public business entities for fiscal years beginning after December 15, 2020, and interim periods within those fiscal years. Early adoption is permitted. | |
| ASU 2018-12 Financial Services - Insurance, Targeted Improvements to the Accounting for Long-Duration Contracts as clarified and amended by. | existing recognition, measurement, presentation, and disclosure requirements. Issues addressed in the new guidance include: 1) a requirement to review and, if there is a change, update assumptions for the liability for future policy benefits at least annually, and to update the discount rate assumption quarterly, 2) accounting for market risk benefits at fair value, 3) simplified amortization for deferred acquisition costs, and 4) enhanced financial statement presentation and | |
| ASU 2019-09 Financial Services - Insurance (Topic 944): Effective Date | In November 2019, the FASB issued an amendment extending the effective date for public business entities that meet the definition of an SEC filer, excluding entities eligible to be small reporting companies as defined by the SEC, by one year. The amendments are now effective for the Company for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2021. Early application of the amendments is permitted. | benefits will have a significant impact on its results of operations, systems, processes and controls while the requirement to update the discount rate will have a significant impact on its equity. The Company has no products with market risk benefits. The Company does not expect to early adopt the updated standard and has selected a |
| | In September 2020, the FASB Board voted in favor of providing an additional year deferral for all insurance entities due to the impact of COVID-19. It is expected that this Update will be finalized in the fourth quarter of 2020 which would result in an effective date for Aflac of January 1, 2023. | |

Recent accounting guidance not discussed above is not applicable, did not have, or is not expected to have a material impact to the Company's business.

For additional information on new accounting pronouncements and recent accounting guidance and their impact, if any, on the Company's financial position, results of operations or disclosures, see Note 1 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report.

2. BUSINESS SEGMENT INFORMATION

The Company consists of two reportable insurance business segments: Aflac Japan and Aflac U.S., both of which sell supplemental health and life insurance. In addition, operating business units that are not individually reportable and business activities, including reinsurance retrocession activities, not included in Aflac Japan or Aflac U.S. are included in Corporate and other.

The Company does not allocate corporate overhead expenses to business segments. Consistent with U.S. GAAP accounting guidance for segment reporting, the Company evaluates and manages its business segments using a financial

performance measure called pretax adjusted earnings. Adjusted earnings are adjusted revenues less benefits and adjusted expenses. The adjustments to both revenues and expenses account for certain items that cannot be predicted or that are outside management's control. Adjusted revenues are U.S. GAAP total revenues excluding net investment gains and losses, except for amortized hedge costs/income related to foreign currency exposure management strategies and net interest cash flows from derivatives associated with certain investment strategies. Adjusted expenses are U.S. GAAP total acquisition and operating expenses including the impact of interest cash flows from derivatives associated with notes payable but excluding any nonrecurring or other items not associated with the normal course of the Company's insurance operations and that do not reflect Aflac's underlying business performance. The Company excludes income taxes related to operations to arrive at pretax adjusted earnings. Information regarding operations by reportable segment and Corporate and other, follows:

| | Three Months Ended September 30, | | | | | Nine Months Ended September 30, | | | |
|---|-------------------------------------|----|-------|------|--------|------------------------------------|--------|--|--|
| (In millions) | 2020 | | 2019 | 2020 | | | 2019 | | |
| Revenues: | | | | | | | | | |
| Aflac Japan: | | | | | | | | | |
| Net earned premiums | \$ 3,168 | \$ | 3,241 | \$ | 9,476 | \$ | 9,593 | | |
| Adjusted net investment income (1),(2) | 663 | | 659 | | 1,939 | | 1,878 | | |
| Other income | 11 | | 12 | | 32 | | 34 | | |
| Total adjusted revenue Aflac Japan | 3,842 | | 3,912 | | 11,447 | | 11,505 | | |
| Aflac U.S.: | | | | | | | | | |
| Net earned premiums | 1,407 | | 1,445 | | 4,348 | | 4,365 | | |
| Net investment income (3) | 175 | | 183 | | 523 | | 540 | | |
| Other income | 24 | | 2 | | 78 | | 6 | | |
| Total adjusted revenue Aflac U.S. | 1,606 | | 1,630 | | 4,949 | | 4,911 | | |
| Corporate and other (4) | 87 | | 97 | | 292 | | 287 | | |
| Total adjusted revenues | 5,535 | | 5,639 | | 16,688 | | 16,703 | | |
| Net investment gains (losses) (1),(2),(3),(4) | 130 | | (103) | | (454) | | 1 | | |
| Total revenues | \$ 5,665 | \$ | 5,536 | \$ | 16,234 | \$ | 16,704 | | |

⁽¹⁾ Amortized hedge costs of \$51 and \$66 for the three-month periods and \$155 and \$191 for the nine-month periods ended September 30, 2020, and 2019, respectively, related to certain foreign currency exposure management strategies have been reclassified from net investment gains (losses) and reported as a deduction from net investment income when analyzing operations.

⁽²⁾ Net interest cash flows from derivatives associated with certain investment strategies of \$6 and \$(4) for the three-month periods and \$5 and \$(18) for the nine-month periods ended September 30, 2020 and 2019, respectively, have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of net investment income.

⁽³⁾ Net interest cash flows from derivatives associated with certain investment strategies of \$1 for the three-month period and \$2 for the nine-month period ended September 30, 2020, respectively, have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of net investment income.

⁽⁴⁾ Amortized hedge income of \$22 and \$21 for the three-month periods \$78 and \$61 for the nine-month periods ended September 30, 2020, and 2019, respectively, related to certain foreign currency exposure management strategies has been reclassified from net investment gains (losses) and reported as an increase to net investment income when analyzing operations.

| | | Three Mo Septer | | Nine Months Ended September 30, | | | | |
|---|----|--------------------|----|------------------------------------|----|-------|----|-------|
| (In millions) | | 2020 2019 | | 2020 2019 2020 | | 2020 | | 2019 |
| Pretax adjusted earnings: | | | | | | | | |
| Aflac Japan (1),(2) | \$ | 747 | \$ | 838 | \$ | 2,442 | \$ | 2,504 |
| Aflac U.S. (3) | | 329 | | 335 | | 1,082 | | 996 |
| Corporate and other (4),(5) | | (39) | | (17) | | (69) | | (62) |
| Pretax adjusted earnings (6) | | 1,037 | | 1,156 | | 3,455 | | 3,438 |
| Net investment gains (losses) (1),(2),(3),(4),(5) | | 117 | | (120) | | (497) | | (49) |
| Other income (loss) | | (1) | | 0 | | (16) | | (1) |
| Total earnings before income taxes | \$ | 1,153 | \$ | 1,036 | \$ | 2,942 | \$ | 3,388 |
| Income taxes applicable to pretax adjusted earnings | \$ | 43 | \$ | 293 | \$ | 659 | \$ | 880 |
| Effect of foreign currency translation on after-tax adjusted earnings | | 3 | | 15 | | 17 | | 2 |

⁽¹⁾ Amortized hedge costs of \$51 and \$66 for the three-month periods and \$155 and \$191 for the nine-month periods ended September 30, 2020, and 2019, respectively, related to certain foreign currency exposure management strategies have been reclassified from net investment gains (losses) and reported as a deduction from net investment income when analyzing operations

deduction from net investment income when analyzing operations.

(2) Net interest cash flows from derivatives associated with certain investment strategies of \$6 and \$(4) for the three-month periods and \$5 and \$(18) for the nine-month periods ended September 30, 2020 and 2019, respectively, have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of net investment income.

(3) Net interest cash flows from derivatives associated with certain investment strategies of \$1 for the three-month period and \$2 for the nine-month period ended September 30, 2020, respectively, have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of net investment income.

(4) Amortized hedge income of \$22 and \$21 for the three-month periods and \$78 and \$61 for the nine-month periods ended September 30, 2020, and 2019, respectively, related to certain foreign currency exposure management strategies has been reclassified from net investment gains (losses) and reported as an increase in net investment income when analyzing operations.

(5) A gain of \$13 and \$16 for three-month periods and \$43 and \$50 for the nine-month periods ended September 30, 2020, and 2019, respectively, related to the interest rate component of the change in fair value of foreign currency swaps on notes payable has been reclassified from net investment gains (losses) and included in adjusted earnings when analyzing operations.

(6) Includes \$44 and \$34 for the three-month periods and \$122 and \$100 for the nine-month periods ended September 30, 2020, and 2019, respectively, of interest expense on debt.

Assets were as follows:

| (In millions) | September 30, 2020 | December 31, 2019 |
|---------------------|-----------------------|----------------------|
| Assets: | | |
| Aflac Japan | \$ 133,995 | \$ 127,523 |
| Aflac U.S. | 22,621 | 20,945 |
| Corporate and other | 4,339 | 4,300 |
| Total assets | \$ 160.955 | \$ 152,768 |

3. INVESTMENTS

Investment Holdings

The amortized cost for the Company's investments in fixed maturity securities, the cost for equity securities and the fair values of these investments are shown in the following tables.

| | | | Se | eptember 30, 20 | 20 | |
|--|----|-------------------|--------------------------------|------------------------------|-------------------------------|---------------|
| (In millions) | , | Amortized Cost | Allowance for Credit Losses | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
| Securities available for sale, carried at fair value through other comprehensive income: | | | | | | |
| Fixed maturity securities: | | | | | | |
| Yen-denominated: | | | | | | |
| Japan government and agencies | \$ | 32,646 | \$ 0 | \$ 4,297 | \$ 42 | \$ 36,901 |
| Municipalities | | 1,013 | 0 | 305 | 3 | 1,315 |
| Mortgage- and asset-backed securities | | 337 | 0 | 28 | 1 | 364 |
| Public utilities | | 4,585 | 0 | 960 | 1 | 5,544 |
| Sovereign and supranational | | 1,054 | 0 | 82 | 4 | 1,132 |
| Banks/financial institutions | | 7,505 | 0 | 683 | 180 | 8,008 |
| Other corporate | | 7,934 | 0 | 1,484 | 86 | 9,332 |
| Total yen-denominated | | 55,074 | 0 | 7,839 | 317 | 62,596 |
| U.S. dollar-denominated: | | | | | | |
| U.S. government and agencies | | 276 | 0 | 18 | 0 | 294 |
| Municipalities | | 1,143 | 0 | 161 | 0 | 1,304 |
| Mortgage- and asset-backed securities | | 344 | 0 | 10 | 1 | 353 |
| Public utilities | | 3,942 | 0 | 924 | 12 | 4,854 |
| Sovereign and supranational | | 230 | 0 | 66 | 6 | 290 |
| Banks/financial institutions | | 2,956 | 0 | 738 | 6 | 3,688 |
| Other corporate | | 25,973 | 38 | 4,110 | 296 | 29,749 |
| Total U.S. dollar-denominated | | 34,864 | 38 | 6,027 | 321 | 40,532 |
| Total securities available for sale | \$ | 89,938 | \$ 38 | \$ 13,866 | \$ 638 | \$ 103,128 |

| | | | December 3 | 1, 2019 | |
|--|----|-------------------|------------------------------|-------------------------------|---------------|
| (In millions) | | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
| Securities available for sale, carried at fair value through other comprehensive income: | | | | | |
| Fixed maturity securities: | | | | | |
| Yen-denominated: | | | | | |
| Japan government and agencies | \$ | 30,929 | 5,169 \$ | 0 \$ | 36,098 |
| Municipalities | | 516 | 116 | 3 | 629 |
| Mortgage- and asset-backed securities | | 229 | 25 | 0 | 254 |
| Public utilities | | 1,855 | 406 | 0 | 2,261 |
| Sovereign and supranational | | 680 | 50 | 0 | 730 |
| Banks/financial institutions | | 6,152 | 700 | 86 | 6,766 |
| Other corporate | | 5,323 | 944 | 24 | 6,243 |
| Total yen-denominated | | 45,684 | 7,410 | 113 | 52,981 |
| U.S dollar-denominated: | | | | | |
| U.S. government and agencies | | 293 | 9 | 0 | 302 |
| Municipalities | | 1,077 | 141 | 0 | 1,218 |
| Mortgage- and asset-backed securities | | 149 | 7 | 0 | 156 |
| Public utilities | | 3,804 | 725 | 10 | 4,519 |
| Sovereign and supranational | | 239 | 73 | 0 | 312 |
| Banks/financial institutions | | 2,879 | 646 | 4 | 3,521 |
| Other corporate | | 25,246 | 3,255 | 248 | 28,253 |
| Total U.S. dollar-denominated | | 33,687 | 4,856 | 262 | 38,281 |
| Total securities available for sale | \$ | 79,371 | 12,266 \$ | 375 \$ | 91,262 |

| | | | | Septemb | er 30, 2020 | | |
|---|----|------------------|--------------------------------|------------------------|--------------------------------|-------------------------------|---------------|
| (In millions) | Α | mortized Cost | Allowance for Credit Losses | Net Carrying Amount | Gross g Unrealized Gains | Gross Unrealized Losses | Fair /alue |
| Securities held to maturity, carried at amortized cost: | | | | | | | |
| Fixed maturity securities: | | | | | | | |
| Yen-denominated: | | | | | | | |
| Japan government and agencies | \$ | 22,941 | \$ 3 | \$ 22,938 | \$ 5,564 | \$ 0 | \$ 28,502 |
| Municipalities | | 370 | 0 | 370 | 120 | 0 | 490 |
| Public utilities | | 47 | 1 | 46 | 14 | 0 | 60 |
| Sovereign and supranational | | 564 | 5 | 559 | 164 | 0 | 723 |
| Other corporate | | 24 | 0 | 24 | 8 | 0 | 32 |
| Total yen-denominated | | 23,946 | 9 | 23,937 | 5,870 | 0 | 29,807 |
| Total securities held to maturity | \$ | 23.946 | \$ 9 | \$ 23.937 | \$ 5.870 | \$ 0 | \$ 29.807 |

| | | December 3 | 1, 2019 | |
|---|-------------------|------------------------------|-------------------------------|---------------|
| (In millions) | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
| Securities held to maturity, carried at amortized cost: | | | | |
| Fixed maturity securities: | | | | |
| Yen-denominated: | | | | |
| Japan government and agencies | \$ 22,241 \$ | 6,050 \$ | 0 \$ | 28,291 |
| Municipalities | 821 | 262 | 0 | 1,083 |
| Mortgage- and asset-backed securities | 16 | 1 | 0 | 17 |
| Public utilities | 2,535 | 419 | 0 | 2,954 |
| Sovereign and supranational | 1,123 | 197 | 0 | 1,320 |
| Banks/financial institutions | 916 | 105 | 3 | 1,018 |
| Other corporate | 2,433 | 485 | 7 | 2,911 |
| Total yen-denominated | 30,085 | 7,519 | 10 | 37,594 |
| Total securities held to maturity | \$ 30,085 \$ | 7,519 \$ | 10 \$ | 37,594 |

| (In millions) | Septem | ber 30, 2020 | December 31, 201 | | |
|--|--------|--------------|------------------|-----|--|
| Equity securities, carried at fair value through net earnings: | Fai | r Value | Fair Value | | |
| Equity securities: | | | | | |
| Yen-denominated | \$ | 630 | \$ | 658 | |
| U.S. dollar-denominated | | 145 | | 144 | |
| Total equity securities | \$ | 775 | \$ | 802 | |

The methods of determining the fair values of the Company's investments in fixed maturity securities and equity securities, including a refinement in valuation methodology for determining fair value of privately issued securities as of September 30, 2020, are described in Note 5.

During the second and third quarter of 2020, the Company did not reclassify any investments from the held-to-maturity category to the available-for-sale category. During the first quarter of 2020, as a result of the adoption of ASU 2019-04 discussed in Note 1, the Company reclassified \$6.9 billion (at amortized cost) of pre-payable fixed-maturity securities from the held-to-maturity category to the available-for-sale category. This reclassification resulted in recording in accumulated other comprehensive income a net unrealized gain of \$848 million on an after-tax basis. During the first nine months of 2019, the Company did not reclassify any investments from the held-to-maturity category to the available-for-sale category.

Contractual and Economic Maturities

The contractual and economic maturities of the Company's investments in fixed maturity securities at September 30, 2020, were as follows:

| (In millions) | nortized Cost ⁽¹⁾ | Fair Value | |
|--|---------------------------------|---------------|--|
| Available for sale: | | | |
| Due in one year or less | \$ 1,031 | \$ 1,053 | |
| Due after one year through five years | 8,938 | 9,175 | |
| Due after five years through 10 years | 13,159 | 15,092 | |
| Due after 10 years | 66,091 | 77,091 | |
| Mortgage- and asset-backed securities | 681 | 717 | |
| Total fixed maturity securities available for sale | \$ 89,900 | \$ 103,128 | |
| Held to maturity: | | | |
| Due in one year or less | \$ 0 | \$ 0 | |
| Due after one year through five years | 0 | 0 | |
| Due after five years through 10 years | 251 | 292 | |
| Due after 10 years | 23,686 | 29,515 | |
| Mortgage- and asset-backed securities | 0 | 0 | |
| Total fixed maturity securities held to maturity | \$ 23,937 | \$ 29,807 | |

⁽¹⁾ Net of allowance for credit losses

Economic maturities are used for certain debt instruments with no stated maturity where the expected maturity date is based on the combination of features in the financial instrument such as the right to call or prepay obligations or changes in coupon rates.

Investment Concentrations

The Company's process for investing in credit-related investments begins with an independent approach to underwriting each issuer's fundamental credit quality. The Company evaluates independently those factors that it believes could influence an issuer's ability to make payments under the contractual terms of the Company's instruments. This includes a thorough analysis of a variety of items including the issuer's country of domicile (including political, legal, and financial considerations); the industry in which the issuer competes (with an analysis of industry structure, end-market dynamics, and regulation); company specific issues (such as management, assets, earnings, cash generation, and capital needs); and contractual provisions of the instrument (such as financial covenants and position in the capital structure). The Company further evaluates the investment considering broad business and portfolio management objectives, including asset/liability needs, portfolio diversification, and expected income.

Investment exposures that individually exceeded 10% of shareholders' equity were as follows:

| | | September 30, 2020 | 0 | | December 31, 2019 |) |
|------------------------------|------------------|--------------------|---------------|------------------|-------------------|---------------|
| (In millions) | Credit Rating | Amortized Cost | Fair Value | Credit Rating | Amortized Cost | Fair Value |
| Japan National Government(1) | A+ | \$54,078 | \$63,588 | A+ | \$51,726 | \$62,584 |

⁽¹⁾Japan Government Bonds (JGBs) or JGB-backed securities

Net Investment Gains and Losses

Information regarding pretax net gains and losses from investments is as follows:

| | Three Months Ended September 30, | | | | | Nine Months Ended September 30, | | |
|--|-------------------------------------|-------|----|---------------------|----|------------------------------------|----|---------------------|
| (In millions) | 2 | 2020 | 2 | 2019 | | 2020 | 2 | 2019 |
| Net investment gains (losses): | | | | | | | | |
| Sales and redemptions: | | | | | | | | |
| Fixed maturity securities available for sale: | | | | | | | | |
| Gross gains from sales | \$ | 7 | \$ | 11 | \$ | 28 | \$ | 55 |
| Gross losses from sales | | 0 | | (18) | | (46) | | (29) |
| Foreign currency gains (losses) on sales and redemptions | | (5) | | (21) | | (39) | | (12) |
| Total sales and redemptions | | 2 | | (28) | | (57) | | 14 |
| Equity securities | | 12 | | 18 | | (106) | | 65 |
| Loan loss reserves (1) | | 0 | | (5) | | 0 | | (8) |
| Credit losses: | | | | | | | | |
| Fixed maturity securities available for sale | | 0 | | (13) ⁽²⁾ | | (75) | | (13) ⁽²⁾ |
| Fixed maturity securities held to maturity | | 0 | | 0 | | 1 | | 0 |
| Commercial mortgage and other loans | | 78 | | 0 | | (86) | | 0 |
| Loan commitments | | 64 | | 0 | | (17) | | 0 |
| Reinsurance recoverables and other | | 0 | | 0 | | (2) | | 0 |
| Total credit losses | | 142 | | (13) | | (179) | | (13) |
| Derivatives and other: | | | | | | | | |
| Derivative gains (losses) | | 138 | | (146) | | 173 | | (24) |
| Foreign currency gains (losses) | | (186) | | 21 | | (356) | | (181) |
| Total derivatives and other | | (48) | | (125) | | (183) | | (205) |
| Total net investment gains (losses) | \$ | 108 | \$ | (153) | \$ | (525) | \$ | (147) |

⁽¹⁾ U.S. GAAP guidance adopted as of January 1, 2020 has superseded these losses, included for comparative purposes only

The unrealized holding gains, net of losses, recorded as a component of net investment gains and losses for the three-month period ended September 30, 2020, that relate to equity securities still held at the September 30, 2020 reporting date, were \$31 million. The unrealized holding losses, net of gains, recorded as a component of net investment gains and losses for the nine-month period ended September 30, 2020, that relate to equity securities still held at the September 30, 2020 reporting date, were \$109 million.

Unrealized Investment Gains and Losses

Effect on Shareholders' Equity

The net effect on shareholders' equity of unrealized gains and losses from fixed maturity securities was as follows:

| (In millions) | September 30, 2020 | December 31, 2019 |
|--|--------------------|----------------------|
| Unrealized gains (losses) on securities available for sale | \$ 13,228 | \$ 11,891 |
| Deferred income taxes | (3,708) | (3,343) |
| Shareholders' equity, unrealized gains (losses) on fixed maturity securities | \$ 9,520 | \$ 8,548 |

Gross Unrealized Loss Aging

The following tables show the fair values and gross unrealized losses of the Company's available-for-sale investments for the period ended September 30, 2020 and available-for-sale and held-to-maturity investments for prior periods that were in an unrealized loss position, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position.

⁽²⁾ Includes other-than-temporary impairment losses for prior year

| | | | | Sep | tember 30, 2020 | | | |
|---|----|---------------|----------------------|-----------------|----------------------|---------------|------------|--------------------|
| | | Т | otal | Less | than 12 months | 12 mor | nths or lo | nger |
| (In millions) | , | Fair Value | Unrealized Losses | l Fair Value | Unrealized Losses | Fair Value | | realized .osses |
| Fixed maturity securities available for sale: | | | | | | | | |
| Japan government and agencies: | | | | | | | | |
| Yen-denominated | \$ | 1,997 | 42 | 1,997 | 42 | 0 | | 0 |
| Municipalities: | | | | | | | | |
| Yen-denominated | | 74 | 3 | 60 | 2 | 14 | | 1 |
| Mortgage- and asset- backed securities: | | | | | | | | |
| U.S. dollar-denominated | | 67 | 1 | 67 | 1 | 0 | | 0 |
| Yen-denominated | | 36 | 1 | 36 | 1 | 0 | | 0 |
| Public utilities: | | | | | | | | |
| U.S. dollar-denominated | | 342 | 12 | 210 | 6 | 132 | | 6 |
| Yen-denominated | | 214 | 1 | 214 | 1 | 0 | | 0 |
| Sovereign and supranational: | | | | | | | | |
| U.S. dollar-denominated | | 36 | 6 | 36 | 6 | 0 | | 0 |
| Yen-denominated | | 35 | 4 | 35 | 4 | 0 | | 0 |
| Banks/financial institutions: | | | | | | | | |
| U.S. dollar-denominated | | 103 | 6 | 65 | 1 | 38 | | 5 |
| Yen-denominated | | 2,859 | 180 | 1,853 | 102 | 1,006 | | 78 |
| Other corporate: | | | | | | | | |
| U.S. dollar-denominated | | 4,574 | 296 | 2,200 | 76 | 2,374 | | 220 |
| Yen-denominated | | 1,095 | 86 | 911 | 81 | 184 | | 5 |
| Total | \$ | 11,432 | \$ 638 | \$ 7,684 | \$ 323 | \$ 3,748 | \$ | 315 |

| | | • | • | • | Decemb | er 31, 20 |)19 | • | • | • | • | |
|-------------------------------|---------------|------|----------------------|----|---------------------|-----------|-----------------|-----------------|---------------------|------------|-----|--|
| | 7 | otal | | | Less than 12 months | | | | 12 months or longer | | | |
| (In millions) | Fair Value | | Unrealized Losses | | Fair Value | | ealized sses | l Fair Value | | Unre Lo | | |
| Fixed maturity securities: | | | | | | | | | | | | |
| Municipalities: | | | | | | | | | | | | |
| Yen-denominated | \$ 80 | \$ | 3 | \$ | 80 | \$ | 3 | \$ | 0 | \$ | 0 | |
| Public utilities: | | | | | | | | | | | | |
| U.S. dollar-denominated | 306 | | 10 | | 69 | | 2 | | 237 | | 8 | |
| Banks/financial institutions: | | | | | | | | | | | | |
| U.S. dollar-denominated | 79 | | 4 | | 18 | | 0 | | 61 | | 4 | |
| Yen-denominated | 1,828 | | 89 | | 1,828 | | 89 | | 0 | | 0 | |
| Other corporate: | | | | | | | | | | | | |
| U.S. dollar-denominated | 4,261 | | 248 | | 792 | | 53 | | 3,469 | | 195 | |
| Yen-denominated | 636 | | 31 | | 636 | | 31 | | 0 | | 0 | |
| Total | \$ 7,190 | \$ | 385 | \$ | 3,423 | \$ | 178 | \$ | 3,767 | \$ | 207 | |

Analysis of Securities in Unrealized Loss Positions

The unrealized losses on the Company's fixed maturity securities investments have been primarily related to general market changes in interest rates, foreign exchange rates, and/or the levels of credit spreads rather than specific concerns with the issuer's ability to pay interest and repay principal.

For any significant declines in fair value of its fixed maturity securities, the Company performs a more focused review of the related issuers' credit profile. For corporate issuers, the Company evaluates their assets, business profile including industry dynamics and competitive positioning, financial statements and other available financial data. For non-corporate issuers, the Company analyzes all sources of credit support, including issuer-specific factors. The Company utilizes information available in the public domain and, for certain private placement issuers, from consultations with the issuers directly. The Company also considers ratings from Nationally Recognized Statistical Rating Organizations (NRSROs), as well as the specific characteristics of the security it owns including seniority in the issuer's capital structure, covenant protections, or other relevant features. From these reviews, the Company evaluates the issuers' continued ability to service the Company's investment through payment of interest and principal.

Assuming no credit-related factors develop, unrealized gains and losses on fixed maturity securities are expected to diminish as investments near maturity. Based on its credit analysis, the Company believes that the issuers of its fixed maturity investments in the sectors shown in the table above have the ability to service their obligations to the Company, and the Company does not intend to sell the investments and it is not more likely than not that the Company will be required to sell the investments before recovery of their amortized cost bases, which may be at maturity.

However, the Company has identified certain available-for-sale fixed maturity securities where the amortized cost basis exceeds the present value of the cash flows expected to be collected due to credit related factors and as a result, a credit allowance has been calculated. As of September 30, 2020, the Company held an allowance of \$38 million. Refer to the *Credit Losses* section below for additional information.

Commercial Mortgage and Other Loans

The Company classifies its transitional real estate loans (TREs), commercial mortgage loans (CMLs) and middle market loans (MMLs) as held-for-investment and includes them in the commercial mortgage and other loans line on the consolidated balance sheets. The Company carries them on the balance sheet at amortized cost less an estimated allowance for credit losses.

The following table reflects the composition of the carrying value for commercial mortgage and other loans by property type as of the periods presented.

| (In millions) | | Septembe | r 30, 2020 | December 31, 2019 | | | |
|---|----|------------------|------------|-------------------|---------------------|------------|--|
| | Ar | nortized Cost | % of Total | A | mortized Cost | % of Total | |
| Commercial Mortgage and other loans: | | | | | | | |
| Transitional real estate loans: | | | | | | | |
| Office | \$ | 2,146 | 19.5 % | \$ | 1,800 | 18.7 % | |
| Retail | | 179 | 1.6 | | 131 | 1.4 | |
| Apartments/Multi-Family | | 2,000 | 18.2 | | 2,085 | 21.7 | |
| Industrial | | 145 | 1.3 | | 256 | 2.7 | |
| Hospitality | | 1,093 | 10.0 | | 1,036 | 10.8 | |
| Other | | 81 | 0.7 | | 164 | 1.7 | |
| Total transitional real estate loans | | 5,644 | 51.3 | | 5,472 | 57.0 | |
| Commercial mortgage loans: | | _ | · | | | | |
| Office | | 403 | 3.7 | | 410 | 4.3 | |
| Retail | | 342 | 3.1 | | 348 | 3.5 | |
| Apartments/Multi-Family | | 594 | 5.4 | | 569 | 5.9 | |
| Industrial | | 393 | 3.6 | | 383 | 4.0 | |
| Total commercial mortgage loans | | 1,732 | 15.8 | | 1,710 | 17.7 | |
| Middle market loans | | 3,611 | 32.9 | | 2,432 | 25.3 | |
| Total commercial mortgage and other loans | \$ | 10,987 | 100.0 % | \$ | 9,614 | 100.0 % | |
| Allowance for credit losses | | (165) | | | (45) ⁽¹⁾ | | |
| Total net commercial mortgage and other loans | \$ | 10,822 | | \$ | 9,569 | | |

⁽¹⁾ U.S. GAAP guidance adopted as of January 1, 2020 has superseded these losses, included for comparative purposes only.

Commercial mortgage and transitional real estate loans were secured by properties entirely within the U.S. (with the largest concentrations in California (21%), Texas (14%) and Florida (11%)). Middle market loans are issued only to companies domiciled within the U.S. and Canada.

Transitional Real Estate Loans

Transitional real estate loans are commercial mortgage loans that are typically relatively short-term floating rate instruments secured by a first lien on the property. These loans provide funding for properties undergoing a change in their physical characteristics and/or economic profile and do not typically require any principal repayment prior to the maturity date. This loan portfolio is generally considered to be investment grade. As of September 30, 2020, the Company had \$657 million in outstanding commitments to fund transitional real estate loans. These commitments are contingent on the final underwriting and due diligence to be performed.

Commercial Mortgage Loans

Commercial mortgage loans are typically fixed rate loans on commercial real estate with partial repayment of principal over the life of the loan with the remaining outstanding principal being repaid upon maturity. This loan portfolio is generally considered higher quality investment grade loans. As of September 30, 2020, the Company had no outstanding commitments to fund commercial mortgage loans.

Middle Market Loans

Middle market loans are typically first lien senior secured cash flow loans to small to mid-size companies for working capital, refinancing, acquisition, and recapitalization. These loans are generally considered to be below investment grade. The carrying value for middle market loans included \$26 million and \$99 million for a short term credit facility that is reflected in other liabilities on the consolidated balance sheets, as of September 30, 2020, and December 31, 2019, respectively.

As of September 30, 2020, the Company had commitments of approximately \$2.3 billion of which \$2.0 billion was a result of a new agreement with an external manager during the first quarter of 2020 to fund future middle market loans. These commitments are contingent upon the availability of middle market loans that meet the Company's underwriting criteria.

Credit Losses

Effective January 1, 2020, the Company adopted ASC 326: Financial Instruments - Credit Losses. The newly adopted accounting standard requires the Company to estimate an expected lifetime credit loss on financial assets including short-term receivables, held-to-maturity fixed maturity securities, loan receivables, loan commitments and reinsurance recoverables. For the Company's available-for-sale fixed maturity securities, the newly adopted guidance requires an entity to evaluate estimated credit losses only when the fair value of the available-for-sale fixed maturity security is below its amortized cost basis. Credit loss changes are recorded as a component of net investment gains and losses for the Company's held-to-maturity and available-for-sale securities, loan receivables, loan commitments and reinsurance recoverables. The Company's off-balance sheet credit exposure is primarily attributable to loan commitments that are not unconditionally cancellable. The Company considers the contractual period of exposure to credit risk, the likelihood that funding will occur, the risk of loss, and the current conditions and expectations of future economic conditions to develop the estimate of expected credit losses. The Company records the estimate of expected credit losses for certain loan commitments within other liabilities in the consolidated balance sheet.

Write-offs and partial write-offs are recorded as a reduction to the amortized cost of the loan or fixed maturity security balance and a reduction to the credit allowance.

The Company's held-to-maturity fixed maturity portfolio includes Japan Government and Agency securities of \$22.8 billion amortized cost as of September 30, 2020 that meet the requirements for zero-credit-loss expectation and therefore these asset classes have been excluded from the current expected credit loss measurement.

The Company has elected not to measure an allowance on accrued interest income for all asset types, because the uncollectible accrued interest receivable is written off in a timely manner. The Company writes off accrued interest when it is more than ninety days past due. The Company has elected to write off accrued interest by reversing interest income, which is a component of net investment income, in the consolidated statement of earnings.

The Company designates nonaccrual status for a nonperforming debt security or a loan that is not generating its stated interest rate because of nonpayment of periodic interest by the borrower. The Company applies the cash basis method to record any payments received on non-accrual assets. The Company resumes the accrual of interest on fixed maturity securities and loans that are currently making contractual payments or for those that are not current where the borrower has paid timely (less than 30 days outstanding).

The Company records due premium receivable net of current expected credit losses in the receivables line item in the consolidated balance sheet, utilizing an aging methodology based on historical loss information, adjusted for current conditions and reasonable and supportable forecasts. Changes in the estimated credit losses related to premium receivable are recorded in net premiums in the consolidated statement of earnings.

Credit Quality Indicators

For TREs, the Company's key credit quality indicator is loan-to-value (LTV). Given that TRE loans involve properties undergoing renovation or construction, loan-to-value provides the most insight into the credit risk of the loan. The Company monitors the performance of the loans periodically, but not less frequently than quarterly.

For CMLs, the Company's key credit quality indicators include LTV and debt service coverage ratios (DSCR). LTV is calculated by dividing the current outstanding loan balance by the most recent estimated property value. DSCR is the most recently available operating income of the underlying property compared to the required debt service of the loan.

For MMLs and held-to-maturity fixed maturity securities, the Company's key credit quality indicator is credit ratings. The Company's held-to-maturity portfolio is composed of investment grade securities that are senior unsecured instruments, while its MMLs generally have below-investment-grade ratings but are typically senior secured instruments. The Company monitors the credit ratings periodically, but not less frequently than quarterly.

For the Company's reinsurance recoverable balance, the key credit quality indicator is the credit rating of the Company's reinsurance counterparty. The Company uses external credit ratings focused on the reinsurer's financial strength and credit worthiness. The Company's counterparties are rated A+. The Company monitors the credit ratings periodically, but not less frequently than quarterly.

The following tables present as of September 30, 2020 the amortized cost basis of TREs, CMLs and MMLs by year of origination and credit quality indicator.

| | Transitional Real Estate Loans | | | | | | | | | | |
|----------------------|--------------------------------|--------|----------|----------|--------|-------|-------|-------|--|--|--|
| (In millions) | | 2020 | 2019 | 2018 | 2017 | 2016 | Prior | Total | | | |
| Loan-to-Value Ratio: | | | | | | | | | | | |
| 0%-59.99% | \$ | 48 \$ | 529 \$ | 382 \$ | 158 \$ | 20 \$ | 57 \$ | 1,194 | | | |
| 60%-69.99% | | 324 | 811 | 825 | 440 | 0 | 0 | 2,400 | | | |
| 70%-79.99% | | 132 | 767 | 851 | 224 | 14 | 0 | 1,988 | | | |
| 80% or greater | | 26 | 36 | 0 | 0 | 0 | 0 | 62 | | | |
| Total | \$ | 530 \$ | 2,143 \$ | 2,058 \$ | 822 \$ | 34 \$ | 57 \$ | 5,644 | | | |

| | | Comr | nercial Mortg | gage Loans | | | | |
|-----------------------|-------------|--------|---------------|------------|--------|-------|-------|-----------------------|
| (In millions) | 2020 | 2019 | 2018 | 2017 | 2016 | Prior | Total | Weighted-Average DSCR |
| Loan-to-Value Ratio: | | | | | | | | |
| 0%-59.99% | \$ 32 \$ | 402 \$ | 101 \$ | 69 \$ | 553 \$ | 0 \$ | 1,157 | 2.63 |
| 60%-69.99% | 16 | 224 | 70 | 0 | 184 | 0 | 494 | 1.93 |
| 70%-79.99% | 0 | 33 | 0 | 0 | 22 | 0 | 55 | 1.79 |
| 80% or greater | 0 | 0 | 0 | 0 | 26 | 0 | 26 | 1.66 |
| Total | 48 | 659 | 171 | 69 | 785 | 0 | 1,732 | 2.39 |
| Weighted Average DSCR | 1.98 | 2.53 | 2.23 | 2.56 | 2.32 | 0.00 | 2.39 | |

| | | Mic | ddle Market L | oans | | | | |
|-----------------|--------------|----------|---------------|--------|--------|-------|--------------------|-------|
| (In millions) | 2020 | 2019 | 2018 | 2017 | 2016 | Prior | Revolving Loans | Total |
| Credit Ratings: | | | | | | | | |
| BBB | \$ 25 \$ | 117 \$ | 62 \$ | 56 \$ | 5 \$ | 0 \$ | 16 \$ | 281 |
| BB | 201 | 235 | 237 | 84 | 37 | 15 | 86 | 895 |
| В | 267 | 740 | 315 | 235 | 119 | 24 | 185 | 1,885 |
| CCC | 15 | 98 | 121 | 96 | 37 | 31 | 90 | 488 |
| CC and lower | 0 | 0 | 19 | 39 | 3 | 0 | 1 | 62 |
| Total | \$ 508 \$ | 1,190 \$ | 754 \$ | 510 \$ | 201 \$ | 70 \$ | 378 \$ | 3,611 |

Allowance for Credit Losses

The Company calculates its allowance for credit losses for held-to-maturity fixed maturity securities, loan receivables, loan commitments and reinsurance recoverable by grouping assets with similar risk characteristics when there is not a specific expectation of a loss for an individual asset. For held-to-maturity fixed maturity securities, MMLs, and MML commitments, the Company groups assets by credit ratings, industry, and country. The Company groups CMLs and TREs and respective loan commitments by property type, property location and the property's loan-to-value and debt service coverage ratios. The credit allowance for the reinsurance recoverable balance is estimated using a probability-of-default (PD) / loss-given-default (LGD) method.

The Company's methodology for estimating credit losses for available-for-sale fixed maturity securities utilizes the discounted cash flow model, based on past events, current market conditions and future economic conditions, as well as industry analysis and credit ratings of the fixed maturity securities. In addition, the Company evaluates the specific issuer's probability of default and expected recovery of its position in the event of default based on the underlying financial condition and assets of the borrower as well as seniority and/or security of other debt holders in the issuer when developing management's best estimate of expected cash flows.

The credit allowance for held-to-maturity fixed maturity securities and loan receivables is estimated using a PD / LGD method, discounted for the time value of money. For held-to-maturity fixed maturity securities, available-for-sale fixed maturity securities and loan receivables, the Company includes the change in present value due to the passage of time in the change in the allowance for credit losses. The Company's methodology for estimating credit losses utilizes the contractual maturity date of the financial asset, adjusted when necessary to reflect the expected timing of repayment (such as prepayment options, renewal options, call options, or extension options). The Company applies reasonable and supportable forecasts of macroeconomic variables that impact the determination of PD/LGD over a two-year period for held-to-maturity fixed maturity securities and MMLs. The Company reverts to historical loss information over one year, following the two-year forecast period. For the CML and TRE portfolio, the Company applies reasonable and supportable forecasts of macroeconomic variables as well as national and local real-estate market factors to estimate future credit losses where the market factors revert back to historical levels over time with the period being dependent on current market conditions, projected market conditions and difference in the current and historical market levels for each factor. The Company continuously monitors the estimation methodology, due to changes in portfolio composition, changes in underwriting practices and significant events or conditions and makes adjustments as necessary.

A TDR involves a situation where the Company grants a concession to a borrower that the Company would not otherwise have considered due to the borrower's financial difficulties. The Company has elected to apply Section 4013 of the CARES Act, or the Interagency statement which temporarily suspends TDR accounting guidance for loan modifications, such as extensions or deferrals, related to COVID-19. The relief provided by the CARES Act applies to loan modifications made between March 1, 2020 and the earlier of (i) December 31, 2020 or (ii) 60 days after the end of the COVID-19 national emergency, as determined by the Executive Branch, whereas the Interagency statement does not specify a time horizon.

The Company granted certain loan modifications in its MML and TRE portfolios due to COVID-19 during the nine months ended September 30, 2020. The nature of the modifications varied in scope and significance, but generally a small proportion of modifications qualified as TDR. The Company continues to evaluate loan modifications in our MML and TRE portfolios. As of September 30, 2020, the amortized cost of modified loans where Section 4013 of the CARES Act or the Interagency statement is applicable was immaterial.

The Company had an immaterial amount of TDRs during the nine months ended September 30, 2020. The Company had no TDRs during 2019. For certain TDRs, modifications resulted in write-offs for certain loans where the modified loan resulted in a forgiveness of existing principal and are included in the rollforward of the allowance for credit losses below.

As of September 30, 2020 and December 31, 2019, the Company had an immaterial amount (cost basis) of loans and fixed maturities on nonaccrual status.

The following table presents the roll forward of the allowance for credit losses by portfolio segment during the nine-month period ended September 30, 2020.

| (in millions) | sitional Real tate Loans | Commercial Mortgage Loans | | Held to Maturity Securities | Available for Sale Securities | Reinsurance Recoverables |
|--|-----------------------------|------------------------------|------------|--------------------------------|----------------------------------|-----------------------------|
| Balance at December 31, 2019 (1) | \$ (22) | \$ (3) | \$ (20) \$ | \$ 0 | \$ 0\$ | 0 |
| Transition impact to retained earnings | (2) | (8) | (33) | (10) | 0 | (11) |
| (Addition to) release of allowance for credit losses | (29) | (17) | (31) | 1 | (75) | 0 |
| Write-offs, net of recoveries | 0 | 0 | 0 | 0 | 37 | 0 |
| Balance at September 30, 2020 | \$ (53) | \$ (28) | \$ (84) \$ | \$ (9) | \$ (38) \$ | (11) |

⁽¹⁾ U.S. GAAP guidance adopted as of January 1, 2020 has superseded these losses, included for comparative purposes only.

For assets that are subject to the credit loss measurement, the change in credit loss allowance will be significantly impacted by purchases and sales in those assets during the period as well as entering into new non-cancelable loan commitments. During the first quarter of 2020, the Company entered into a loan commitment with an external manager that met the requirements to recognize a credit loss on over \$2.2 billion of loan commitments over the next few years. The estimate of credit losses for loan commitments as of September 30, 2020 was \$31 million.

Other Investments

The table below reflects the composition of the carrying value for other investments as of the periods presented.

| (In millions) | Septe | mber 30, 2020 | Decem | ber 31, 2019 |
|----------------------------|-------|---------------|-------|--------------|
| Other investments: | | | | |
| Policy loans | \$ | 261 | \$ | 250 |
| Short-term investments (1) | | 823 | | 628 |
| Limited partnerships | | 795 | | 569 |
| Other | | 25 | | 30 |
| Total other investments | \$ | 1,904 | \$ | 1,477 |

⁽¹⁾ Includes securities lending collateral

As of September 30, 2020, the Company had \$1.5 billion in outstanding commitments to fund alternative investments in limited partnerships.

Variable Interest Entities (VIEs)

As a condition of its involvement or investment in a VIE, the Company enters into certain protective rights and covenants that preclude changes in the structure of the VIE that would alter the creditworthiness of the Company's investment or its beneficial interest in the VIE.

For those VIEs other than certain unit trust structures, the Company's involvement is passive in nature. The Company has not, nor has it been, required to purchase any securities issued in the future by these VIEs.

The Company's ownership interest in VIEs is limited to holding the obligations issued by them. The Company has no direct or contingent obligations to fund the limited activities of these VIEs, nor does it have any direct or indirect financial guarantees related to the limited activities of these VIEs. The Company has not provided any assistance or any other type of financing support to any of the VIEs it invests in, nor does it have any intention to do so in the future. For those VIEs in which the Company holds debt obligations, the weighted-average lives of the Company's notes are very similar to the underlying collateral held by these VIEs where applicable.

The Company's risk of loss related to its interests in any of its VIEs is limited to the carrying value of the related investments held in the VIE.

VIEs - Consolidated

The following table presents the cost or amortized cost, fair value and balance sheet caption in which the assets and liabilities of consolidated VIEs are reported.

Investments in Consolidated Variable Interest Entities

| | | Septembe | er 30, 202 | 0 | | Decei | mber 31, 201 | 9 |
|---|----------------------------------|----------|------------|---------------|-------------------|--------|--------------|---------------|
| (In millions) | Amortized Cost ⁽¹⁾ | | | Fair Value | Amortized Cost | | | Fair Value |
| Assets: | | | | | | | | |
| Fixed maturity securities, available for sale | \$ | 3,279 | \$ | 4,284 | \$ | 3,308 | \$ | 4,312 |
| Commercial mortgage and other loans | | 9,245 | | 9,201 | | 7,956 | | 8,015 |
| Other investments (2) | | 658 | | 658 | | 494 | | 494 |
| Other assets (3) | | 97 | | 97 | | 169 | | 169 |
| Total assets of consolidated VIEs | \$ | 13,279 | \$ | 14,240 | \$ | 11,927 | \$ | 12,990 |
| Liabilities: | | | | | | | | |
| Other liabilities (3) | \$ | 240 | \$ | 240 | \$ | 126 | \$ | 126 |
| Total liabilities of consolidated VIEs | \$ | 240 | \$ | 240 | \$ | 126 | \$ | 126 |

⁽¹⁾ Net of allowance for credit losses

The Company is substantively the only investor in the consolidated VIEs listed in the table above. As the sole investor in these VIEs, the Company has the power to direct the activities of a variable interest entity that most significantly impact the entity's economic performance and is therefore considered to be the primary beneficiary of the VIEs that it consolidates. The Company also participates in substantially all of the variability created by these VIEs. The activities of these VIEs are limited to holding invested assets and foreign currency swaps, as appropriate, and utilizing the cash flows from these securities to service its investment. Neither the Company nor any of its creditors are able to obtain the underlying collateral of the VIEs unless there is an event of default or other specified event. For those VIEs that contain a swap, the Company is not a direct counterparty to the swap contracts and has no control over them. The Company's loss exposure to these VIEs is limited to its original investment. The Company's consolidated VIEs do not rely on outside or ongoing sources of funding to support their activities beyond the underlying collateral and swap contracts, if applicable. With the exception of its investment in unit trust structures, the underlying collateral assets and funding of the Company's consolidated VIEs are generally static in nature.

Investments in Unit Trust Structures

The Company also utilizes unit trust structures in its Aflac Japan segment to invest in various asset classes. As the sole investor of these VIEs, the Company is required to consolidate these trusts under U.S. GAAP.

⁽²⁾ Consists entirely of alternative investments in limited partnerships

⁽³⁾ Consists entirely of derivatives

VIEs - Not Consolidated

The table below reflects the amortized cost, fair value and balance sheet caption in which the Company's investment in VIEs not consolidated are reported.

Investments in Variable Interest Entities Not Consolidated

| | | Septembe | | December 31, 2019 | | | | |
|---|----|------------------|---------------|-------------------|-------------------|-------|----|---------------|
| (In millions) | An | nortized Cost | Fair Value | | Amortized Cost | | | Fair Value |
| Assets: | | | | | | | | |
| Fixed maturity securities, available for sale | \$ | 5,800 | \$ | 6,985 | \$ | 4,129 | \$ | 4,884 |
| Fixed maturity securities, held to maturity | | 0 | | 0 | | 1,848 | | 2,236 |
| Other investments (1) | | 137 | | 137 | | 75 | | 74 |
| Total investments in VIEs not consolidated | \$ | 5,937 | \$ | 7,122 | \$ | 6,052 | \$ | 7.194 |

⁽¹⁾ Consists entirely of alternative investments in limited partnerships

The Company holds alternative investments in limited partnerships that have been determined to be VIEs. These partnerships invest in private equity and structured investments. The Company's maximum exposure to loss on these investments is limited to the amount of its investment. The Company is not the primary beneficiary of these VIEs and is therefore not required to consolidate them. The Company classifies these investments as Other investments in the consolidated balance sheets.

Certain investments in VIEs that the Company is not required to consolidate are investments that are in the form of debt obligations from the VIEs that are irrevocably and unconditionally guaranteed by their corporate parents or sponsors. These VIEs are the primary financing vehicles used by their corporate sponsors to raise financing in the capital markets. The variable interests created by these VIEs are principally or solely a result of the debt instruments issued by them. The Company does not have the power to direct the activities that most significantly impact the entity's economic performance, nor does it have the obligation to absorb losses of the entity or the right to receive benefits from the entity. As such, the Company is not the primary beneficiary of these VIEs and is therefore not required to consolidate them.

Securities Lending and Pledged Securities

The Company lends fixed maturity and public equity securities to financial institutions in short-term security-lending transactions. These short-term security-lending arrangements increase investment income with minimal risk. The Company receives cash or other securities as collateral for such loans. The Company's security lending policy requires that the fair value of the securities received as collateral be 102% or more of the fair value of the loaned securities and that unrestricted cash received as collateral be 100% or more of the fair value of the loaned securities. The securities loaned continue to be carried as investment assets on the Company's balance sheet during the terms of the loans and are not reported as sales. For loans involving unrestricted cash or securities as collateral, the collateral is reported as an asset with a corresponding liability for the return of the collateral. For loans where the Company receives as collateral securities that the Company is not permitted to sell or repledge, the collateral is not reflected on the consolidated financial statements.

Details of collateral by loaned security type and remaining maturity of the agreements were as follows:

| S | ecurities Lend | ding Transactions | s Acc | ounted for | ras S | Secured E | Borr | owings | | | |
|---|---|-------------------|-------|--------------|-------|---|---------------|--------|-------|-------------|-------------|
| | Rema | aining Contractua | al Ma | turity of th | ne Ag | reement | 3 | | | | |
| | | Septe | mbe | r 30, 2020 | | | | Dece | mbe | er 31, 2019 | |
| (In millions) | Overnight and Up to 30 Continuous ^{/1)} days Total | | | | | Overnight and Continuous ⁽¹⁾ | Up to 30 days | | Total | | |
| Securities lending transactions: | | | | | | | | | | | |
| Fixed maturity securities: | | | | | | | | | | | |
| Japan government and agencies | \$ | 0 | \$ | 534 | \$ | 534 | \$ | 0 | \$ | 1,013 | \$ 1,013 |
| Public utilities | | 61 | | 0 | | 61 | | 35 | | 0 | 35 |
| Sovereign and supranational | | 2 | | 0 | | 2 | | 2 | | 0 | 2 |
| Banks/financial institutions | | 85 | | 0 | | 85 | | 48 | | 0 | 48 |
| Other corporate | | 813 | | 0 | | 813 | | 778 | | 0 | 778 |
| Total borrowings | \$ | 961 | \$ | 534 | \$ | 1,495 | \$ | 863 | \$ | 1,013 | \$ 1,876 |
| Gross amount of recognized liabilities for transactions | securities lendi | ing | | | \$ | 1,495 | | | | | \$ 1,876 |

⁽¹⁾ The related loaned security, under the Company's U.S. securities lending program, can be returned to the Company at the transferee's discretion; therefore, they are classified as Overnight and Continuous.

In connection with securities lending, in addition to cash collateral received, the Company received from counterparties securities collateral of \$6,176 million and \$4,759 million at September 30, 2020 and December 31, 2019, respectively, which may not be sold or re-pledged, unless the counterparty is in default. Such securities collateral is not reflected on the consolidated financial statements.

The Company did not have any repurchase agreements or repurchase-to-maturity transactions outstanding as of September 30, 2020, and December 31, 2019, respectively.

Certain fixed maturity securities can be pledged as collateral as part of derivative transactions, or pledged to support state deposit requirements or certain investment programs. For additional information regarding pledged securities related to derivative transactions, see Note 4.

4. DERIVATIVE INSTRUMENTS

The Company's freestanding derivative financial instruments have historically consisted of:

- foreign currency forwards and options used in hedging foreign exchange risk on U.S. dollar-denominated investments in Aflac Japan's portfolio
- foreign currency forwards and options used to economically hedge certain portions of forecasted cash flows denominated in yen and hedge the Company's long term exposure to a weakening yen
- · cross-currency interest rate swaps, also referred to as foreign currency swaps, associated with certain senior notes and subordinated debentures
- foreign currency swaps that are associated with VIE bond purchase commitments, and investments in special-purpose entities, including VIEs where the Company is the primary beneficiary
- · interest rate swaps used to economically hedge interest rate fluctuations in certain variable-rate investments
- interest rate swaptions used to hedge changes in the fair value associated with interest rate fluctuations for certain U.S. dollar-denominated availablefor-sale fixed-maturity securities.
- · bond purchase commitments at the inception of investments in consolidated VIEs

Some of the Company's derivatives are designated as cash flow hedges, fair value hedges or net investment hedges; however, other derivatives do not qualify for hedge accounting or the Company elects not to designate them as accounting hedges.

Derivative Types

Foreign currency forwards and options are executed for the Aflac Japan segment in order to hedge the currency risk on the carrying value of certain U.S. dollar-denominated investments. The average maturity of these forwards and options can change depending on factors such as market conditions and types of investments being held. In situations where the maturity of the forwards and options is shorter than the underlying investment being hedged, the Company may enter into new forwards and options near maturity of the existing derivative in order to continue hedging the underlying investment. In forward transactions, Aflac Japan agrees with another party to buy a fixed amount of yen and sell a corresponding amount of U.S. dollars at a specified future date. Aflac Japan agrees with another party to simultaneously purchase put options and sell call options. In the purchased put transactions, Aflac Japan agrees with another party to simultaneously purchase put options and sell call options. In the purchased put transaction, Aflac Japan agrees to sell a fixed amount of yen and sell a corresponding amount of U.S. dollars at a specified future date. In the sold call transaction, Aflac Japan agrees to sell a fixed amount of yen and buy a corresponding amount of U.S. dollars at a specified future date. The combination of purchasing the put option and selling the call option results in no net premium being paid (i.e. a costless or zero-cost collar). Additionally, the Company enters into purchased options, acting as caps to protect the downside of the sold call options beyond a specified level. As opposed to the collar strategies which are fair value hedges, these sold call option caps are classified as non-qualifying hedges.

From time to time, the Company may also enter into foreign currency forwards and options to hedge the currency risk associated with the net investment in Aflac Japan. In these forward transactions, Aflac agrees with another party to buy a fixed amount of U.S. dollars and sell a corresponding amount of yen at a specified price at a specified future date. In the option transactions, the Company may use a combination of foreign currency options to protect expected future cash flows by simultaneously purchasing yen put options (options that protect against a weakening yen) and selling yen call options (options that limit participation in a strengthening yen). The combination of these two actions create a zero-cost collar. Additionally, the Company enters into purchased options to hedge cash flows from the net investment in Aflac Japan.

The Company enters into foreign currency swaps pursuant to which it exchanges an initial principal amount in one currency for an initial principal amount of another currency, with an agreement to re-exchange the principal amounts at a future date. There may also be periodic exchanges of payments at specified intervals based on the agreed upon rates and notional amounts. Foreign currency swaps are used primarily in the consolidated VIEs in the Company's Aflac Japan portfolio to convert foreign-denominated cash flows to yen, the functional currency of Aflac Japan, in order to minimize cash flow fluctuations. The Company also uses foreign currency swaps to economically convert certain of its U.S. dollar-denominated senior note and subordinated debenture principal and interest obligations into yen-denominated obligations.

In order to reduce investment income volatility from its variable-rate investments, the Company enters into receive-fixed, pay-floating interest rate swaps. These derivatives are cleared and settled through a central clearinghouse.

Swaptions are used to mitigate the adverse impact resulting from significant changes in the fair value of U.S. dollar-denominated available-for-sale securities due to fluctuation in interest rates. In a payer swaption, the Company pays a premium to obtain the right, but not the obligation, to enter into a swap contract where it will pay a fixed rate and receive a floating rate. Interest rate swaption collars are combinations of two swaption positions. In order to maximize the efficiency of the collars while minimizing cost, a collar strategy is used whereby the Company purchases a long payer swaption (the Company purchases an option that allows it to enter into a swap where the Company will pay the fixed rate and receive the floating rate of the swap) and sells a short receiver swaption (the Company sells an option that provides the counterparty with the right to enter into a swap where the Company will receive the fixed rate and pay the floating rate of the swap). The combination of purchasing the long payer swaption and selling the short receiver swaption results in no net premium being paid (i.e. a costless or zero-cost collar).

Bond purchase commitments result from repackaged bond structures that are consolidated VIEs whereby there is a delay in the trade date and settlement date of the bond within the structure to ensure completion of all necessary legal agreements to support the consolidated VIE that issues the repackaged bond. Since the Company has a commitment to purchase the underlying bond at a specified price, the agreement meets the definition of a derivative where the value is derived based on the current market value of the bond compared to the fixed purchase price to be paid on the settlement date.

Derivative Balance Sheet Classification

The table below summarizes the balance sheet classification of the Company's derivative fair value amounts, as well as the gross asset and liability fair value amounts. The fair value amounts presented do not include income accruals. Derivative assets are included in "Other Assets," while derivative liabilities are included in "Other Liabilities" within the Company's Consolidated Balance Sheets. The notional amount of derivative contracts represents the basis upon which pay or receive amounts are calculated and are not reflective of exposure or credit risk.

| | | September 30, 2 | 020 | December 31, 2019 | | | | | |
|---------------------------------------|--------------------|----------------------|--------------------------|--------------------|----------------------|--------------------------|--|--|--|
| (In millions) | | Asset Derivatives | Liability Derivatives | | Asset Derivatives | Liability Derivatives | | | |
| Hedge Designation/ Derivative Type | Notional Amount | Fair Value | Fair Value | Notional Amount | Fair Value | Fair Value | | | |
| Cash flow hedges: | | | | | | | | | |
| Foreign currency swaps - VIE | \$ 18 | \$ 0 | \$ 1 | \$ 75 | \$ 0 | \$ 8 | | | |
| Total cash flow hedges | 18 | 0 | 1 | 75 | 0 | 8 | | | |
| Fair value hedges: | | | | | | | | | |
| Foreign currency forwards | 64 | 1 | 0 | 964 | 0 | 38 | | | |
| Foreign currency options | 8,869 | 0 | 1 | 11,573 | 0 | 5 | | | |
| Interest rate swaptions | 0 | 0 | 0 | 243 | 0 | 0 | | | |
| Total fair value hedges | 8,933 | 1 | 1 | 12,780 | 0 | 43 | | | |
| Net investment hedge: | | | | | | | | | |
| Foreign currency forwards | 5,037 | 45 | 26 | 4,952 | 72 | 2 | | | |
| Foreign currency options | 2,083 | 1 | 0 | 2,000 | 0 | 0 | | | |
| Total net investment hedge | 7,120 | 46 | 26 | 6,952 | 72 | 2 | | | |
| Non-qualifying strategies: | | | | | | | | | |
| Foreign currency swaps | 2,250 | 53 | 49 | 2,800 | 72 | 78 | | | |
| Foreign currency swaps - VIE | 2,743 | 97 | 239 | 2,587 | 169 | 118 | | | |
| Foreign currency forwards | 25,319 | 236 | 309 | 19,821 | 166 | 337 | | | |
| Foreign currency options | 9,071 | 0 | 0 | 9,553 | 0 | 0 | | | |
| Interest rate swaps | 2,000 | 6 | 0 | 7,120 | 3 | 0 | | | |
| Interest rate swaptions | 0 | 0 | 0 | 7 | 0 | 0 | | | |
| Total non-qualifying strategies | 41,383 | 392 | 597 | 41,888 | 410 | 533 | | | |
| Total derivatives | \$ 57,454 | \$ 439 | \$ 625 | \$ 61,695 | \$ 482 | \$ 586 | | | |

Cash Flow Hedges

For certain variable-rate U.S. dollar-denominated available-for-sale securities held by Aflac Japan via consolidated VIEs, foreign currency swaps are used to swap the USD variable rate interest and principal payments to fixed rate JPY interest and principal payments. The Company has designated foreign currency swaps as a hedge of the variability in cash flows of a forecasted transaction or of amounts to be received or paid related to a recognized asset ("cash flow" hedge). The remaining maximum length of time for which these cash flows are hedged is approximately six years. The derivatives in the Company's consolidated VIEs that are not designated as accounting hedges are discussed in the "non-qualifying strategies" section of this note.

Fair Value Hedges

The Company designates and accounts for certain foreign currency forwards, options, and interest rate swaptions as fair value hedges when they meet the requirements for hedge accounting. The Company recognizes gains and losses on these derivatives as well as the offsetting gain or loss on the related hedged items in current earnings.

Foreign currency forwards and options hedge the foreign currency exposure of certain U.S. dollar-denominated available-for-sale fixed-maturity investments held in Aflac Japan. The change in the fair value of the foreign currency forwards related to the changes in the difference between the spot rate and the forward price is excluded from the assessment of hedge effectiveness. The change in fair value of the foreign currency option related to the time value of the option is recognized in current earnings and is excluded from the assessment of hedge effectiveness.

Interest rate swaptions hedge the interest rate exposure of certain U.S. dollar-denominated available-for-sale securities held in Aflac Japan. For these hedging relationships, the Company excludes time value from the assessment of hedge effectiveness and recognizes changes in the intrinsic value of the swaptions in current earnings within net investment income. The change in the time value of the swaptions is recognized in other comprehensive income (loss) and amortized into earnings (net investment income) over its legal term.

The following table presents the gains and losses on derivatives and the related hedged items in fair value hedges.

Fair Value Hedging Relationships

| (In millions) | | | Hedging Derivatives | | | | | | Hedged Items | | | |
|--|---------------------------|----------------------------|---------------------|---|------|--|-----|----------------------------------|--------------|--|----|--|
| Hedging Derivatives | Hedged Items | Total Gains (Losses) | | Gains (Losses) Excluded from Effectiveness Testing ⁽¹⁾ | | Gains (Losses) Included in Effectiveness Testing ⁽²⁾ | | Gains (Losses) ⁽²⁾ | | Net Investment Gains (Losses) Recognized for Fair Value Hedge | | |
| Three Months Ended September 30, 2020: | | | • | | | | | | | | | |
| Foreign currency forwards | Fixed maturity securities | \$ | 1 | \$ | 0 | \$ | 1 | \$ | (1) | \$ | 0 | |
| Foreign currency options | Fixed maturity securities | | (2) | | (2) | | 0 | | 0 | | 0 | |
| Total gains (losses) | | \$ | (1) | \$ | (2) | \$ | 1 | \$ | (1) | \$ | 0 | |
| Nine Months Ended September 30, 2020: | | | | | | | | | | | | |
| Foreign currency forwards | Fixed maturity securities | \$ | (15) | \$ | (8) | \$ | (7) | \$ | 8 | \$ | 1 | |
| Foreign currency options | Fixed maturity securities | . <u> </u> | (4) | | (3) | | (1) | | 1 | | 0 | |
| Total gains (losses) | | \$ | (19) | \$ | (11) | \$ | (8) | \$ | 9 | \$ | 11 | |
| Three Months Ended September 30, 2019: | | | | | | | | | | | | |
| Foreign currency forwards | Fixed maturity securities | \$ | (19) | \$ | (24) | \$ | 5 | \$ | (4) | \$ | 1 | |
| Foreign currency options | Fixed maturity securities | | (5) | | (5) | | 0 | | 0 | | 0 | |
| Interest rate swaptions | Fixed maturity securities | | (6) | | (6) | | 0 | | 0 | | 0 | |
| Total gains (losses) | | | (30) | | (35) | | 5 | | (4) | | 1 | |
| Nine Months Ended September 30, 2019: | | | | | | | | | | | | |
| Foreign currency forwards | Fixed maturity securities | \$ | (4) | \$ | (48) | \$ | 44 | \$ | (43) | \$ | 1 | |
| Foreign currency options | Fixed maturity securities | | (9) | | (9) | | 0 | | 0 | | 0 | |
| Interest rate swaptions | Fixed maturity securities | | (9) | | (9) | | 0 | | 0 | | 0 | |
| Total gains (losses) | | \$ | (22) | \$ | (66) | \$ | 44 | \$ | (43) | \$ | 1 | |

⁽¹⁾ Gains (losses) excluded from effectiveness testing includes the forward point on foreign currency forwards and time value change on foreign currency options which are reported in the consolidated statement of earnings as net investment gains (losses). It also includes the change in the fair value of the interest rate swaptions related to the time value of the swaptions which is recognized as a component of other comprehensive income (loss).

related to the time value of the swaptions which is recognized as a component of other comprehensive income (loss).

(2) Gains and losses on foreign currency forwards and options and related hedged items are reported in the consolidated statement of earnings as net investment gains (losses). For interest rate swaptions and related hedged items, gains and losses included in the hedge assessment, premium amortization and time value amortization while the hedge items are still outstanding are reported within net investment income. The time value gains and losses for interest rate swaptions when the related hedged items are redeemed are reported in net investment gains and losses consistent with the impact of the hedged item. For the three-month and ninemonth periods ended September 30, 2020 and 2019, gains and losses included in the hedge assessment on interest rate swaptions and related hedged items were immaterial.

The following table shows the carrying amounts of assets designated and qualifying as hedged items in fair value hedges of interest rate risk and the related cumulative hedge adjustment included in the carrying amount.

| (In millions) | Carı | rying Amount o Assets/(Liabi | dged | Cumulative Amount of Fair Value Hedging Adjustment Included in the Carrying Amount of Hedged Assets/(Liabilities) | | | | | |
|---------------------------|--------|---------------------------------|------|---|----|--------------|-------------------|-----|--|
| | Septem | September 30, 2020 | | December 31, 2019 | | ber 30, 2020 | December 31, 2019 | | |
| Fixed maturity securities | \$ | 4,368 | \$ | 4,633 | \$ | 241 | \$ | 256 | |

⁽¹⁾ The balance includes hedging adjustment on discontinued hedging relationships of \$241 in 2020 and \$256 in 2019.

Net Investment Hedge

The Company's investment in Aflac Japan is affected by changes in the yen/dollar exchange rate. To mitigate this exposure, the Parent Company's yen-denominated liabilities (see Note 8) have been designated as non-derivative hedges. Beginning in July 2019, certain foreign currency forwards and options were designated as derivative hedges of the foreign currency exposure of the Company's net investment in Aflac Japan.

The Company's net investment hedge was effective during the three- and nine-month periods ended September 30, 2020 and 2019, respectively.

Non-qualifying Strategies

For the Company's derivative instruments in consolidated VIEs that do not qualify for hedge accounting treatment, all changes in their fair value are reported in current period earnings within net investment gains (losses). The amount of gain or loss recognized in earnings for the Company's VIEs is attributable to the derivatives in those investment structures. While the change in value of the swaps is recorded through current period earnings, the change in value of the available-for-sale fixed maturity securities associated with these swaps is recorded through other comprehensive income.

As of September 30, 2020, the Parent Company had \$2.3 billion notional amount of cross-currency interest rate swap agreements related to certain of its U.S. dollar-denominated senior notes to effectively convert a portion of the interest on the notes from U.S dollar to Japanese yen. Changes in the values of these swaps are recorded through current period earnings. For additional information regarding these swaps, see Note 9 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report.

The Company uses foreign exchange forwards and options to economically mitigate the currency risk of some of its U.S. dollar-denominated loan receivables held within the Aflac Japan segment. These arrangements are not designated as accounting hedges, as the foreign currency remeasurement of the loan receivables impacts current period earnings, and generally offsets gains and losses from foreign exchange forwards within net investment gains (losses). The Company also has certain foreign exchange forwards on U.S. dollar-denominated available-for-sale securities where hedge accounting is not being applied.

Prior to July 2019, in order to economically mitigate currency risk of future yen dividends from Aflac Japan while lowering consolidated hedge costs associated with Aflac Japan's U.S. dollar investment hedging, the Parent Company entered into offsetting hedge positions using foreign exchange forwards. This activity is reported in the Corporate and other segment. As of July 1, 2019, the Parent Company designates these foreign exchange forward contracts as accounting hedges of its net investment in Aflac Japan.

The Company uses interest rate swaps to economically convert the variable rate investment income to a fixed rate on certain variable-rate investments.

The total notional amount of the Company's interest rate swaptions was \$0 in 2020 and \$243 in 2019. The hedging adjustment related to these derivatives was immaterial.

Impact of Derivatives and Hedging Instruments

The following table summarizes the impact to net investment gains (losses) and other comprehensive income (loss) from all derivatives and hedging instruments.

| | | | Thre | ee Months En | ded Sept | ember 30, | | | |
|--------------------------------------|------------------------------|----------------------|------|---|----------|--------------------------------|-----------------------|------|---|
| | | 2020 | | | | | 2019 | | |
| (In millions) | estment me ⁽¹⁾ | vestment (Losses) | Comp | Other orehensive ne (Loss) ⁽²⁾ | | vestment ome ⁽¹⁾ | nvestment (Losses) | Comp | Other rehensive e (Loss) ⁽²⁾ |
| Qualifying hedges: | | | | | | | | | |
| Cash flow hedges: | | | | | | | | | |
| Foreign currency swaps - ME | \$ 0 | \$ 0 | \$ | 2 | \$ | (1) | \$ (1) | \$ | (2) |
| Total cash flow hedges | 0 | 0 (3) | | 2 | | (1) | (1) ⁽³⁾ | | (2) |
| Fair value hedges: | | | | | | | | | |
| Foreign currency forwards (3) | | 0 | | | | | (23) | | |
| Foreign currency options (3) | | (2) | | | | | (5) | | |
| Interest rate swaptions (3) | 0 | 0 | | 0 | | 0 | 0 | | (6) |
| Total fair value hedges | 0 | (2) | | 0 | | 0 | (28) | | (6) |
| Net investment hedge: | | | | | | | | | |
| Non-derivative hedging instruments | | 0 | | (51) | | | 0 | | 2 |
| Foreign currency forwards | | (16) | | (91) | | | 20 | | 19 |
| Foreign currency options | | (2) | | Ò | | | (3) | | 0 |
| Total net investment hedge | | (18) | | (142) | | | 17 | | 21 |
| Non-qualifying strategies: | | | | | | | | | |
| Foreign currency swaps | | (27) | | | | | 27 | | |
| Foreign currency swaps - ME | | 40 | | | | | (93) | | |
| Foreign currency forwards | | 139 | | | | | (70) | | |
| Foreign currency options | | 4 | | | | | 0 | | |
| Interest rate swaps | | 0 | | | | | 2 | | |
| Forward bond purchase commitment- ME | | 2 | | | | | 0 | | |
| Total non- qualifying strategies | | 158 | | | | | (134) | | |
| Total | \$ 0 | \$ 138 | \$ | (140) | \$ | (1) | \$ (146) | \$ | 13 |

⁽ii) Cash flow hedge items and the change in the fair value of interest rate swaptions related to the time value of the swaptions in fair value hedges are recorded as unrealized gains (losses) on derivatives and net investment hedge items are recorded in the unrealized foreign currency translation gains (losses) line in the consolidated statement of comprehensive

⁽losses) on derivatives and net investment neage items are recorded in the unrealized loreign currency translation gains (rosses) into consolidated states and accomplished from accumulated other comprehensive income (loss).

(2) Impact of cash flow hedges reported as net investment gains (losses) includes an immaterial amount of gains or losses reclassified from accumulated other comprehensive income (loss) into earnings. It also includes an immaterial amount excluded from effectiveness testing during the three-month periods ended September 30, 2020 and 2019. In addition, an immaterial amount of income (loss) was reclassified from accumulated other comprehensive income (loss) into earnings during the three-month periods ended September 30, 2020 and 2019, related to fair value hedges excluded component.

(3) Impact shown net of effect of hedged items (see Fair Value Hedges section of this Note 4 for further detail)

| | | | | Nin | e Months En | ded Sept | ember 30, | | | | |
|------------------------------------|--------------------------------------|----|----------------------------------|-----|--|----------|--------------------------------------|----|----------------------------------|----|---|
| | | | 2020 | | | | | | 2019 | | |
| (In millions) | Net Investment Income ⁽¹⁾ | | Net Investment Gains (Losses) | | Other Comprehensive Income (Loss) ⁽²⁾ | | Net Investment Income ⁽¹⁾ | | Net Investment Gains (Losses) | | Other rehensive e (Loss) ⁽²⁾ |
| Qualifying hedges: | | | | | | | | | | | |
| Cash flow hedges: | | | | | | | | | | | |
| Foreign currency swaps - ME | \$ (1) | \$ | 0 | \$ | (4) | \$ | (2) | \$ | (1) | \$ | (4) |
| Total cash flow hedges | (1) | | 0 (3) | | (4) | | (2) | | (1) ⁽³⁾ | | (4) |
| Fair value hedges: | | | | | | | | | | | |
| Foreign currency forwards (3) | | | (7) | | | | | | (47) | | |
| Foreign currency options (3) | | | (3) | | | | | | (9) | | |
| Interest rate swaptions(3) | (1) | | 0 | | 1 | | (1) | | 0 | | (8) |
| Total fair value hedges | (1) | | (10) | | 1 | | (1) | | (56) | | (8) |
| Net investment hedge: | | | | | | | | | | | |
| Non-derivative hedging instruments | | | 0 | | (72) | | | | 0 | | (52) |
| Foreign currency forwards | | | 136 | | (166) | | | | 20 | | 19 |
| Foreign currency options | | | (3) | | 0 | | | | (3) | | 0 |
| Total net investment hedge | | | 133 | | (238) | | | | 17 | | (33) |
| Non-qualifying strategies: | | | | | | | | | | | |
| Foreign currency swaps | | | 54 | | | | | | 71 | | |
| Foreign currency swaps - ME | | | (185) | | | | | | (96) | | |
| Foreign currency forwards | | | 133 | | | | | | 23 | | |
| Foreign currency options | | | (1) | | | | | | 0 | | |
| Interest rate swaps | | | 49 | | | | | | 18 | | |
| Total non-qualifying strategies | | | 50 | | | | | | 16 | | |
| Total | \$ (2) | \$ | 173 | \$ | (241) | \$ | (3) | \$ | (24) | \$ | (45) |

⁽¹⁾ Cash flow hedge items and the change in the fair value of interest rate swaptions related to the time value of the swaptions in fair value hedges are recorded as unrealized gains (losses) on derivatives and net investment hedge items are recorded in the unrealized foreign currency translation gains (losses) line in the consolidated statement of comprehensive income (loss).

[3] Impact shown net of effect of hedged items (see Fair Value Hedges section of this Note 4 for further detail)

As of September 30, 2020, deferred gains and losses on derivative instruments recorded in accumulated other comprehensive income that are expected to be reclassified to earnings during the next twelve months were immaterial.

Credit Risk Assumed through Derivatives

For the foreign currency and credit default swaps associated with the Company's VIE investments for which it is the primary beneficiary, the Company bears the risk of loss due to counterparty default even though it is not a direct counterparty to those contracts.

The Company is a direct counterparty to the foreign currency swaps that it has entered into in connection with certain of its senior notes and subordinated debentures; foreign currency forwards; and foreign currency options, and therefore the Company is exposed to credit risk in the event of nonperformance by the counterparties in those contracts. The risk of counterparty default for the Company's foreign currency swaps, certain foreign currency forwards, and foreign currency options is mitigated by collateral posting requirements that counterparties to those transactions must meet.

As of September 30, 2020, all of the Company's derivative agreement counterparties were investment grade.

Impact of cash flow hedges reported as net investment gains (losses) includes an immaterial amount of gains or losses reclassified from accumulated other comprehensive income (loss) into earnings. It also includes an immaterial amount excluded from effectiveness testing during the nine-month periods ended September 30, 2020 and 2019, respectively. In addition, an immaterial amount of income (loss) was reclassified from accumulated other comprehensive income (loss) into earnings during the nine-month periods ended September 30, 2020 and 2019, respectively, related to fair value hedges excluded component.

The Company engages in over-the-counter (OTC) bilateral derivative transactions directly with unaffiliated third parties under International Swaps and Derivatives Association, Inc. (ISDA) agreements and other documentation. Most of the ISDA agreements also include Credit Support Annexes (CSAs) provisions, which generally provide for two-way collateral postings at the first dollar of exposure. The Company mitigates the risk that counterparties to transactions might be unable to fulfill their contractual obligations by monitoring counterparty credit exposure and collateral value while generally requiring that collateral be posted at the outset of the transaction. In addition, a significant portion of the derivative transactions have provisions that give the counterparty the right to terminate the transaction upon a downgrade of Aflac's financial strength rating. The actual amount of payments that the Company could be required to make depends on market conditions, the fair value of outstanding affected transactions, and other factors prevailing at and after the time of the downgrade.

The Company also engages in OTC cleared derivative transactions through regulated central clearing counterparties. These positions are marked to market and margined on a daily basis (both initial margin and variation margin), and the Company has minimal exposure to credit-related losses in the event of nonperformance by counterparties to these derivatives.

Collateral posted by the Company to third parties for derivative transactions can generally be repledged or resold by the counterparties. The aggregate fair value of all derivative instruments with credit-risk-related contingent features that were in a net liability position by counterparty was approximately \$265 million and \$301 million as of September 30, 2020, and December 31, 2019, respectively. If the credit-risk-related contingent features underlying these agreements had been triggered on September 30, 2020, the Company estimates that it would be required to post a maximum of \$155 million of additional collateral to these derivative counterparties. The Company is generally allowed to sell or repledge collateral obtained from its derivative counterparties, although it does not typically exercise such rights. (See the Offsetting tables below for collateral posted or received as of the reported balance sheet dates.)

Offsetting of Financial Instruments and Derivatives

Most of the Company's derivative instruments are subject to enforceable master netting arrangements that provide for the net settlement of all derivative contracts between the Parent Company or its subsidiaries and the respective counterparty in the event of default or upon the occurrence of certain termination events. Collateral support agreements with the master netting arrangements generally provide that the Company will receive or pledge financial collateral at the first dollar of exposure.

The Company has securities lending agreements with unaffiliated financial institutions that post collateral to the Company in return for the use of its fixed maturity and public equity securities (see Note 3). When the Company has entered into securities lending agreements with the same counterparty, the agreements generally provide for net settlement in the event of default by the counterparty. This right of set-off allows the Company to keep and apply collateral received if the counterparty failed to return the securities borrowed from the Company as contractually agreed.

The tables below summarize the Company's derivatives and securities lending transactions, and as reflected in the tables, in accordance with U.S. GAAP, the Company's policy is to not offset these financial instruments in the Consolidated Balance Sheets.

Offsetting of Financial Assets and Derivative Assets

| | | | | | Septen | nber 30, 2020 |) | | | | | | |
|---|-------|----------------------------|------|------------------------------|----------|--|----|----------------------|--------------------------|------|-----------------------|-------|--------|
| | | | | | | | | Gro | nts Not Off nce Sheet | set | | | |
| (In millions) | Recog | mount of gnized sets | Offs | Amount set in se Sheet | A Pre | Amount of ssets sented ance Sheet | | inancial truments | urities lateral | | Collateral eceived | Net A | Amount |
| Derivative assets: | | | | | | | | | | | | | |
| Derivative assets subject to a master netting agreement or offsetting arrangement | | | | | | | | | | | | | |
| OTC - bilateral | \$ | 336 | \$ | 0 | \$ | 336 | \$ | (238) | \$ (6) | \$ | (92) | \$ | 0 |
| OTC - cleared | | 6 | | 0 | | 6 | | 0 | 0 | | (5) | | 1 |
| Total derivative assets subject to a master netting agreement or offsetting arrangement | | 342 | | 0 | | 342 | | (238) | (6) | | (97) | | 1 |
| Derivative assets not subject to a master netting agreement or offsetting arrangement | | | | | | | | | , , | | | | |
| OTC - bilateral | | 97 | | | | 97 | | | | | | | 97 |
| Total derivative assets not subject to a master netting agreement or offsetting | | 97 | | | | 97 | | | | | | | 97 |
| arrangement Total derivative | | 31 | | | | 31 | | | | | | | 91 |
| assets | | 439 | | 0 | | 439 | | (238) | (6) | | (97) | | 98 |
| Securities lending and similar arrangements | 1 | 1,471 | | 0 | | 1,471 | | 0 | 0 | | (1,471) | | 0 |
| Total | | , 1,910 | \$ | 0 | \$ | 1,910 | | (238) | \$ (6) | \$ (| · | \$ | 98 |

| | | | | | Decen | nber 31, 2019 | 9 | | | | | | | |
|---|-------|-------------------------------|------|------------------------------|----------|---|----|---------------------|---------------------|---------------------------|------|----------------------|-------|--------|
| | | | | | | | | Gro | ss Amou in Balan | nts Not Offi ice Sheet | set | | | |
| (In millions) | of Re | s Amount cognized ssets | Offs | Amount set in se Sheet | A Pre | mount of ssets sented ince Sheet | | nancial truments | | urities lateral | | Collateral ceived | Net A | Amount |
| Derivative assets: | | | | | | | | | | | | | | |
| Derivative assets subject to a master netting agreement or offsetting arrangement | | | | | | | | | | | | | | |
| OTC - bilateral | \$ | 310 | \$ | 0 | \$ | 310 | \$ | (190) | \$ | (7) | \$ | (113) | \$ | 0 |
| OTC - cleared | | 3 | | 0 | | 3 | | 0 | | 0 | | 0 | | 3 |
| Total derivative assets subject to a master netting agreement or offsetting arrangement | | 313 | | 0 | | 313 | | (190) | | (7) | | (113) | | 3 |
| Derivative assets not subject to a master netting agreement or offsetting arrangement | | | | | | | | (/ | | () | | | | |
| OTC - bilateral | | 169 | | | | 169 | | | | | | | | 169 |
| Total derivative assets not subject to a master netting agreement or offsetting | | | | | | | | | | | | | | |
| arrangement | | 169 | | | | 169 | | | | | | | | 169 |
| Total derivative assets | | 482 | | 0 | | 482 | | (190) | | (7) | | (113) | | 172 |
| Securities lending and similar arrangements | | 1,860 | | 0 | | 1,860 | | 0 | | 0 | (| 1,860) | | 0 |
| Total | \$ | 2,342 | \$ | 0 | \$ | 2,342 | \$ | (190) | \$ | (7) | \$ (| 1,973) | \$ | 172 |

Offsetting of Financial Liabilities and Derivative Liabilities

| | | | September 30, 2020 |) | | | |
|--|---|---|---|--------------------------|---------------------------------------|----------------------------|------------|
| | | | <u> </u> | Gro | ss Amounts Not Of in Balance Sheet | fset | |
| (In millions) Derivative | Gross Amount Recognized Liabilities | of Gross Amount Offset in Balance Sheet | Net Amount of Liabilities Presented in Balance Sheet | Financial Instruments | Securities Collateral | Cash Collateral Pledged | Net Amount |
| liabilities: | | | | | | | |
| Derivative liabilities subject to a master netting agreement or offsetting arrangement | | | | | | | |
| OTC - bilateral | \$ 385 | \$ 0 | \$ 385 | \$ (238) | \$ (89) | \$ (21) | \$ 37 |
| Total derivative liabilities subject to a master netting agreement or offsetting arrangement Derivative | 385 | 0 | 385 | (238) | (89) | (21) | 37 |
| liabilities not subject to a master netting agreement or offsetting arrangement | | | | | | | |
| OTC - bilateral | 240 | | 240 | | | | 240 |
| Total derivative liabilities not subject to a master netting agreement or offsetting | | | | | | | |
| arrangement | 240 | | 240 | | | | 240 |
| Total derivative liabilities | 625 | 0 | 625 | (238) | (89) | (21) | 277 |
| Securities lending and similar arrangements | 1,495 | 0 | 1,495 | (1,471) | 0 | 0 | 24 |
| Total | \$ 2,120 | \$ 0 | \$ 2,120 | \$ (1,709) | \$ (89) | \$ (21) | \$ 301 |

| Gross Amount of Recognized Offset in Presented Financi Instrume Comparison | |
|--|------------------------------|
| Gross Amount of Recognized Liabilities Presented Instrume In millions Constant Offset in Balance Sheet Presented Instrume Instrume Presented Instrument Presented Instrument Presented Instrument Presented Instrument Presented Instrument | |
| liabilities: Derivative liabilities subject to a master netting agreement or offsetting | |
| liabilities subject to a master netting agreement or offsetting | |
| arrangement | |
| | (190) \$ (222) \$ (32) \$ 15 |
| OTC - cleared 1 0 1 | 0 0 (1) 0 |
| Total derivative liabilities subject to a master netting agreement or offsetting arrangement 460 0 460 (19 | 190) (222) (33) 15 |
| Derivative liabilities not subject to a master netting agreement or offsetting arrangement | |
| OTC - bilateral 126 126 | 126 |
| Total derivative liabilities not subject to a master netting agreement or offsetting | |
| arrangement 126 126 | 126 |
| Total derivative 586 0 586 (19) | 190) (222) (33) 141 |
| Securities lending and similar arrangements 1,876 0 1,876 (1,816) | 360) 0 0 16 |
| Total \$ 2,462 \$ 0 \$ 2,462 \$ (2,0) | |

For additional information on the Company's financial instruments, see the accompanying Notes 1, 3 and 5 and Notes 1, 3 and 5 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report.

5. FAIR VALUE MEASUREMENTS

Fair Value Hierarchy

U.S. GAAP specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. These two types of inputs create three valuation hierarchy levels. Level 1 valuations reflect quoted market prices for identical assets or liabilities in active markets. Level 2 valuations reflect quoted market prices for similar assets or liabilities in an active market, quoted market prices for identical or similar assets or liabilities in non-active markets or model-derived valuations in which all significant valuation inputs are observable in active markets. Level 3 valuations reflect valuations in which one or more of the significant inputs are not observable in an active market.

The following tables present the fair value hierarchy levels of the Company's assets and liabilities that are measured and carried at fair value on a recurring basis.

| | | | | Septemb | er 30, 20 | 20 | | |
|---|--------------|---|----------|--|-----------|--|----|------------------------|
| (In millions) | Activ for | ed Prices in ve Markets Identical Assets Level 1) | Obs I | Significant Observable Inputs (Level 2) | | Significant Unobservable Inputs (Level 3) | | Total Fair Value |
| Assets: | | | | | | | | |
| Securities available for sale, carried at fair value: | | | | | | | | |
| Fixed maturity securities: | | | | | | | | |
| Government and agencies | \$ | 35,539 | \$ | 1,656 | \$ | 0 | \$ | 37,195 |
| Municipalities | | 0 | | 2,619 | | 0 | | 2,619 |
| Mortgage- and asset-backed securities | | 0 | | 526 | | 191 | | 717 |
| Public utilities | | 0 | | 10,030 | | 368 | | 10,398 |
| Sovereign and supranational | | 0 | | 1,422 | | 0 | | 1,422 |
| Banks/financial institutions | | 0 | | 11,672 | | 24 | | 11,696 |
| Other corporate | | 0 | | 38,813 | | 268 | | 39,081 |
| Total fixed maturity securities | | 35,539 | | 66,738 | | 851 | | 103,128 |
| Equity securities | | 608 | | 81 | | 86 | | 775 |
| Other investments | | 823 | | 0 | | 0 | | 823 |
| Cash and cash equivalents | | 5,563 | | 0 | | 0 | | 5,563 |
| Other assets: | | | | | | | | |
| Foreign currency swaps | | 0 | | 53 | | 97 | | 150 |
| Foreign currency forwards | | 0 | | 282 | | 0 | | 282 |
| Foreign currency options | | 0 | | 1 | | 0 | | 1 |
| Interest rate swaps | | 0 | | 6 | | 0 | | 6 |
| Total other assets | | 0 | | 342 | | 97 | | 439 |
| Total assets | \$ | 42,533 | \$ | 67,161 | \$ | 1,034 | \$ | 110,728 |
| Liabilities: | | | | | | | | |
| Other liabilities: | | | | | | | | |
| Foreign currency swaps | \$ | 0 | \$ | 49 | \$ | 240 | \$ | 289 |
| Foreign currency forwards | | 0 | | 335 | | 0 | | 335 |
| Foreign currency options | | 0 | | 1 | | 0 | | 1 |
| Total liabilities | \$ | 0 | \$ | 385 | \$ | 240 | \$ | 625 |

| | | | | Decembe | | | |
|---|------------------------|--|----|--|-----------|---|------------------------|
| (In millions) | Active for lo As | l Prices in Markets dentical ssets evel 1) | Ob | ignificant servable Inputs Level 2) | Unol I | nificant oservable nputs evel 3) | Total Fair Value |
| Assets: | , | | • | • | • | • | |
| Securities available for sale, carried at fair value: | | | | | | | |
| Fixed maturity securities: | | | | | | | |
| Government and agencies | \$: | 34,878 | \$ | 1,522 | \$ | 0 | \$ 36,400 |
| Municipalities | | 0 | | 1,847 | | 0 | 1,847 |
| Mortgage- and asset-backed securities | | 0 | | 232 | | 178 | 410 |
| Public utilities | | 0 | | 6,556 | | 224 | 6,780 |
| Sovereign and supranational | | 0 | | 1,042 | | 0 | 1,042 |
| Banks/financial institutions | | 0 | | 10,264 | | 23 | 10,287 |
| Other corporate | | 0 | | 34,234 | | 262 | 34,496 |
| Total fixed maturity securities | ; | 34,878 | | 55,697 | | 687 | 91,262 |
| Equity securities | | 642 | | 80 | | 80 | 802 |
| Other investments | | 628 | | 0 | | 0 | 628 |
| Cash and cash equivalents | | 4,896 | | 0 | | 0 | 4,896 |
| Other assets: | | | | | | | |
| Foreign currency swaps | | 0 | | 72 | | 169 | 241 |
| Foreign currency forwards | | 0 | | 238 | | 0 | 238 |
| Interest rate swaps | | 0 | | 3 | | 0 | 3 |
| Total other assets | | 0 | | 313 | | 169 | 482 |
| Total assets | \$ 4 | 41,044 | \$ | 56,090 | \$ | 936 | \$ 98,070 |
| Liabilities: | | | | | | | |
| Other liabilities: | | | | | | | |
| Foreign currency swaps | \$ | 0 | \$ | 78 | \$ | 126 | \$ 204 |
| Foreign currency forwards | | 0 | | 377 | | 0 | 377 |
| Foreign currency options | | 0 | | 5 | | 0 | 5 |
| Total liabilities | \$ | 0 | \$ | 460 | \$ | 126 | \$ 586 |

The following tables present the carrying amount and fair value categorized by fair value hierarchy level for the Company's financial instruments that are not carried at fair value.

| | | | | Septem | ber 30, 2020 |) | | |
|---|------------------|--------------|---|----------|---|-----|--|------------------------|
| (In millions) | arrying Value | Activ for | ed Prices in ve Markets Identical Assets Level 1) | Obs I | nificant ervable nputs evel 2) | Unò | gnificant bservable Inputs _evel 3) | Total Fair /alue |
| Assets: | | | | | | | | |
| Securities held to maturity, carried at amortized cost: | | | | | | | | |
| Fixed maturity securities: | | | | | | | | |
| Government and agencies | \$ 22,938 | \$ | 28,248 | \$ | 254 | \$ | 0 | \$ 28,502 |
| Municipalities | 370 | | 0 | | 490 | | 0 | 490 |
| Public utilities | 46 | | 0 | | 60 | | 0 | 60 |
| Sovereign and supranational | 559 | | 0 | | 723 | | 0 | 723 |
| Other corporate | 24 | | 0 | | 32 | | 0 | 32 |
| Commercial mortgage and other loans | 10,822 | | 0 | | 0 | | 10,786 | 10,786 |
| Other investments (1) | 25 | | 0 | | 25 | | 0 | 25 |
| Total assets | \$ 34,784 | \$ | 28,248 | \$ | 1,584 | \$ | 10,786 | \$ 40,618 |
| Liabilities: | | | | | | | | |
| Other policyholders' funds | \$ 7,642 | \$ | 0 | \$ | 0 | \$ | 7,550 | \$ 7,550 |
| Notes payable (excluding leases) | 7,675 | | 0 | | 8,264 | | 282 | 8,546 |
| Total liabilities | \$ 15,317 | \$ | 0 | \$ | 8,264 | \$ | 7,832 | \$ 16,096 |

 $^{^{(1)}}$ Excludes policy loans of \$261 and equity method investments of \$795, at carrying value

| | | | | | Decem | ber 31, 2019 |) | | |
|---|----|-------------------|-----------------|---|-------|---|-----|---|------------------------|
| (In millions) | (| Carrying Value | Active for I | d Prices in e Markets dentical assets evel 1) | Ob | gnificant servable Inputs _evel 2) | Und | gnificant observable Inputs Level 3) | Total Fair Value |
| Assets: | | | , | , | • | • | ì | , | |
| Securities held to maturity, carried at amortized cost: | | | | | | | | | |
| Fixed maturity securities: | | | | | | | | | |
| Government and agencies | \$ | 22,241 | \$ | 27,937 | \$ | 354 | \$ | 0 | \$ 28,291 |
| Municipalities | | 821 | | 0 | | 1,083 | | 0 | 1,083 |
| Mortgage and asset-backed securities | | 16 | | 0 | | 7 | | 10 | 17 |
| Public utilities | | 2,535 | | 0 | | 2,954 | | 0 | 2,954 |
| Sovereign and supranational | | 1,123 | | 0 | | 1,320 | | 0 | 1,320 |
| Banks/financial institutions | | 916 | | 0 | | 1,018 | | 0 | 1,018 |
| Other corporate | | 2,433 | | 0 | | 2,911 | | 0 | 2,911 |
| Commercial mortgage and other loans | | 9,569 | | 0 | | 0 | | 9,648 | 9,648 |
| Other investments (1) | | 30 | | 0 | | 30 | | 0 | 30 |
| Total assets | \$ | 39,684 | \$ | 27,937 | \$ | 9,677 | \$ | 9,658 | \$ 47,272 |
| Liabilities: | | | | | | | | | |
| Other policyholders' funds | \$ | 7,317 | \$ | 0 | \$ | 0 | \$ | 7,234 | \$ 7,234 |
| Notes payable (excluding leases) | | 6,408 | | 0 | | 6,663 | | 272 | 6,935 |
| Total liabilities | \$ | 13,725 | \$ | 0 | \$ | 6,663 | \$ | 7,506 | \$ 14,169 |

⁽¹⁾ Excludes policy loans of \$250 and equity method investments of \$569, at carrying value

Fair Value of Financial Instruments

Fixed maturity and equity securities

The Company determines the fair values of fixed maturity securities and public and privately-issued equity securities using the following approaches or techniques: price quotes and valuations from third party pricing vendors (including quoted market prices readily available from public exchange markets) and non-binding price quotes the Company obtains from outside brokers.

A third party pricing vendor has developed valuation models to determine fair values of privately issued securities. These models are discounted cash flow (DCF) valuation models, but also use information from related markets, specifically the credit default swap (CDS) market to estimate expected cash flows. These models take into consideration any unique characteristics of the securities and make various adjustments to arrive at an appropriate issuer-specific loss adjusted credit curve. This credit curve is then used with the relevant recovery rates to estimate expected cash flows and modeling of additional features, including illiquidity adjustments, if necessary, to price the security by discounting those loss adjusted cash flows. In cases where a credit curve cannot be developed from the specific security features, the valuation methodology takes into consideration other market observable inputs, including:

- 1) the most appropriate comparable security(ies) of the issuer
- 2) issuer-specific CDS spreads
- 3) bonds or CDS spreads of comparable issuers with similar characteristics such as rating, geography, or sector
- 4) bond indices that are comparative in rating, industry, maturity and region.

The pricing data and market quotes the Company obtains from outside sources, including third party pricing services, are reviewed internally for reasonableness. If a fair value appears unreasonable, the Company will re-examine the inputs and assess the reasonableness of the pricing data with the vendor. Additionally, the Company may compare the inputs to relevant market indices and other performance measurements. Based on management's analysis, the valuation is

confirmed or may be revised if there is evidence of a more appropriate estimate of fair value based on available market data. Beginning September 30, 2020, the Company refined these valuation models to explicitly incorporate currency basis swap adjustments (market observable data) to assumed interest rate curves where appropriate. The Company has performed verification of the inputs and calculations in any valuation models to confirm that the valuations represent reasonable estimates of fair value.

For the periods presented, the Company has not adjusted the quotes or prices it obtains from the pricing services and brokers it uses.

The following tables present the pricing sources for the fair values of the Company's fixed maturity and equity securities.

| | | | | Septem | nber 30, 2020 | | |
|---|---------------|---|--------|---------------------------------------|---------------|---------------------------------------|------------------------|
| (In millions) | Active Identi | ed Prices in Markets for cal Assets Level 1) | Observ | gnificant vable Inputs Level 2) | Unobse | gnificant rvable Inputs evel 3) | Total Fair Value |
| Securities available for sale, carried at fair value: | | | | | | | |
| Fixed maturity securities: | | | | | | | |
| Government and agencies: | | | | | | | |
| Third party pricing vendor | \$ | 35,539 | \$ | 1,656 | \$ | 0 | \$ 37,195 |
| Total government and agencies | | 35,539 | | 1,656 | | 0 | 37,195 |
| Municipalities: | | | | | | | |
| Third party pricing vendor | | 0 | | 2,619 | | 0 | 2,619 |
| Total municipalities | | 0 | | 2,619 | | 0 | 2,619 |
| Mortgage- and asset-backed securities: | | | | | | | |
| Third party pricing vendor | | 0 | | 361 | | 0 | 361 |
| Broker/other | | 0 | | 165 | | 191 | 356 |
| Total mortgage- and asset-backed securities | | 0 | | 526 | | 191 | 717 |
| Public utilities: | | | | | | | |
| Third party pricing vendor | | 0 | | 10,030 | | 0 | 10,030 |
| Broker/other | | 0 | | 0 | | 368 | 368 |
| Total public utilities | | 0 | | 10,030 | | 368 | 10,398 |
| Sovereign and supranational: | | | | | | | |
| Third party pricing vendor | | 0 | | 1,422 | | 0 | 1,422 |
| Total sovereign and supranational | | 0 | | 1,422 | | 0 | 1,422 |
| Banks/financial institutions: | | | | | | | |
| Third party pricing vendor | | 0 | | 11,672 | | 0 | 11,672 |
| Broker/other | | 0 | | 0 | | 24 | 24 |
| Total banks/financial institutions | | 0 | | 11,672 | | 24 | 11,696 |
| Other corporate: | | | | | | | |
| Third party pricing vendor | | 0 | | 38,809 | | 0 | 38,809 |
| Broker/other | | 0 | | 4 | | 268 | 272 |
| Total other corporate | | 0 | | 38,813 | | 268 | 39,081 |
| Total securities available for sale | \$ | 35,539 | \$ | 66,738 | \$ | 851 | \$ 103,128 |
| Equity securities, carried at fair value: | | | | | | | |
| Third party pricing vendor | \$ | 608 | \$ | 81 | \$ | 0 | \$ 689 |
| Broker/other | | 0 | | 0 | | 86 | 86 |
| Total equity securities | \$ | 608 | \$ | 81 | \$ | 86 | \$ 775 |

| | | | | Septem | nber 30, 2020 | | |
|---|------------------|--|---------------------|------------------------------------|---------------|--------------------------------|------------------------|
| (In millions) | Active Identi | ed Prices in Markets for ical Assets Level 1) | Sig Observ (L | nificant able Inputs evel 2) | Inp | Unobservable outs vel 3) | Total Fair Value |
| Securities held to maturity, carried at amortized cost: | | • | | | | • | |
| Fixed maturity securities: | | | | | | | |
| Government and agencies: | | | | | | | |
| Third party pricing vendor | \$ | 28,248 | \$ | 254 | \$ | 0 | \$ 28,502 |
| Total government and agencies | | 28,248 | | 254 | | 0 | 28,502 |
| Municipalities: | | | | | | | |
| Third party pricing vendor | | 0 | | 490 | | 0 | 490 |
| Total municipalities | | 0 | | 490 | | 0 | 490 |
| Public utilities: | | | | | | | |
| Third party pricing vendor | | 0 | | 60 | | 0 | 60 |
| Total public utilities | | 0 | | 60 | | 0 | 60 |
| Sovereign and supranational: | | | | | | | |
| Third party pricing vendor | | 0 | | 723 | | 0 | 723 |
| Total sovereign and supranational | | 0 | | 723 | | 0 | 723 |
| Other corporate: | | | | | | | |
| Third party pricing vendor | | 0 | | 32 | | 0 | 32 |
| Total other corporate | | 0 | | 32 | | 0 | 32 |
| Total securities held to maturity | \$ | 28,248 | \$ | 1,559 | \$ | 0 | \$ 29,807 |

| | December 31, 2019 | | | | | | | | | | |
|---|-------------------|---|--|--------------------------------------|----|------------------------------------|-----|------------------------|--|--|--|
| (In millions) | for Ide | Prices in Active Varkets Intical Assets Level 1) | - 3 | ant Observable Inputs Level 2) | I | : Unobservable nputs evel 3) | | Total Fair Value | | | |
| Securities available for sale, carried at fair value: | | | | | | | | | | | |
| Fixed maturity securities: | | | | | | | | | | | |
| Government and agencies: | | | | | | | | | | | |
| Third party pricing vendor | \$ | 34,878 | \$ | 1,522 | \$ | 0 | \$ | 36,400 | | | |
| Total government and agencies | | 34,878 | | 1,522 | | 0 | | 36,400 | | | |
| Municipalities: | | | | | | | | | | | |
| Third party pricing vendor | | 0 | | 1,847 | | 0 | | 1,847 | | | |
| Total municipalities | | 0 | | 1,847 | | 0 | | 1,847 | | | |
| Mortgage- and asset-backed securities: | | | | | | | | | | | |
| Third party pricing vendor | | 0 | | 232 | | 0 | | 232 | | | |
| Broker/other | | 0 | | 0 | | 178 | | 178 | | | |
| Total mortgage- and asset-backed securities | | 0 | | 232 | | 178 | | 410 | | | |
| Public utilities: | | | | | | | | | | | |
| Third party pricing vendor | | 0 | | 6,556 | | 0 | | 6,556 | | | |
| Broker/other | | 0 | | 0 | | 224 | | 224 | | | |
| Total public utilities | | 0 | | 6,556 | | 224 | | 6,780 | | | |
| Sovereign and supranational: | | | | | | | | | | | |
| Third party pricing vendor | | 0 | | 1,042 | | 0 | | 1,042 | | | |
| Total sovereign and supranational | | 0 | | 1,042 | | 0 | | 1,042 | | | |
| Banks/financial institutions: | | | | | | | | | | | |
| Third party pricing vendor | | 0 | | 10,264 | | 0 | | 10,264 | | | |
| Broker/other | | 0 | | 0 | | 23 | | 23 | | | |
| Total banks/financial institutions | | 0 | | 10,264 | | 23 | | 10,287 | | | |
| Other corporate: | | | | | | | | | | | |
| Third party pricing vendor | | 0 | | 34,234 | | 0 | | 34,234 | | | |
| Broker/other | | 0 | | 0 | | 262 | | 262 | | | |
| Total other corporate | | 0 | | 34,234 | | 262 | | 34,496 | | | |
| Total securities available for sale | \$ | 34,878 | \$ | 55,697 | \$ | 687 | \$ | 91,262 | | | |
| quity securities, carried at fair value: | | | | | | | | | | | |
| Third party pricing vendor | \$ | 642 | \$ | 80 | \$ | 0 | \$ | 722 | | | |
| Broker/other | | 0 | <u>. </u> | 0 | • | 80 | · · | 80 | | | |
| Total equity securities | \$ | 642 | \$ | 80 | \$ | 80 | \$ | 802 | | | |

| | | Decemb | er 31, 2019 | |
|---|---|---|---|------------------------|
| In millions) | Quoted Prices in Active Markets for Identical Assets (Level 1) | Significant Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) | Total Fair Value |
| Securities held to maturity, carried at amortized cost: | , | , , | , | |
| Fixed maturity securities: | | | | |
| Government and agencies: | | | | |
| Third party pricing vendor | \$ 27,937 | \$ 354 | \$ 0 | \$ 28,291 |
| Total government and agencies | 27,937 | 354 | 0 | 28,291 |
| Municipalities: | | | | |
| Third party pricing vendor | 0 | 1,083 | 0 | 1,083 |
| Total municipalities | 0 | 1,083 | 0 | 1,083 |
| Mortgage- and asset-backed securities: | | | | |
| Third party pricing vendor | 0 | 7 | 0 | 7 |
| Broker/other | 0 | 0 | 10 | 10 |
| Total mortgage- and asset-backed securities | 0 | 7 | 10 | 17 |
| Public utilities: | | | | |
| Third party pricing vendor | 0 | 2,954 | 0 | 2,954 |
| Total public utilities | 0 | 2,954 | 0 | 2,954 |
| Sovereign and supranational: | | | | |
| Third party pricing vendor | 0 | 1,320 | 0 | 1,320 |
| Total sovereign and supranational | 0 | 1,320 | 0 | 1,320 |
| Banks/financial institutions: | | | | |
| Third party pricing vendor | 0 | 1,018 | 0 | 1,018 |
| Total banks/financial institutions | 0 | 1,018 | 0 | 1,018 |
| Other corporate: | | | | |
| Third party pricing vendor | 0 | 2,911 | 0 | 2,911 |
| Total other corporate | 0 | 2,911 | 0 | 2,911 |
| Total securities held to maturity | \$ 27,937 | \$ 9,647 | \$ 10 | \$ 37,594 |

The following is a discussion of the determination of fair value of the Company's remaining financial instruments.

Derivatives

The Company uses derivative instruments to manage the risk associated with certain assets. However, the derivative instrument may not be classified in the same fair value hierarchy level as the associated asset. Inputs used to value derivatives include, but are not limited to, interest rates, credit spreads, foreign currency forward and spot rates, and interest volatility. The significant inputs to pricing derivatives are generally observable in the market or can be derived by observable market data. When these inputs are observable, the derivatives are classified as Level 2.

The fair value of foreign currency forward and options are based on observable market inputs, therefore they are classified as Level 2.

To determine the fair value of its interest rate derivatives, the Company uses inputs that are generally observable in the market or can be derived from observable market data. Interest rate swaps are cleared trades. In a cleared swap contract, the clearinghouse provides benefits to the counterparties similar to contracts listed for investment traded on an exchange since it maintains a daily margin to mitigate counterparties' credit risk. These derivatives are priced using observable inputs, accordingly, they are classified as Level 2. For its interest rate swaptions, the Company estimates their fair values using observable market data, including interest rate curves and volatilities. Their fair values are also classified as Level 2.

For derivatives associated with VIEs where the Company is the primary beneficiary, the Company is not the direct counterparty to the swap contracts. As a result, the fair value measurements incorporate the credit risk of the collateral

associated with the VIE. Based on an analysis of these derivatives and a review of the methodology employed by the pricing vendor, the Company determined that due to the long duration of these swaps and the need to extrapolate from short-term observable data to derive and measure long-term inputs, certain inputs, assumptions and judgments are required to value future cash flows that cannot be corroborated by current inputs or current observable market data. As a result, the derivatives associated with the Company's consolidated VIEs are classified as Level 3 of the fair value hierarchy.

For forward bond purchase commitments with VIEs, the fair value of the derivative is based on the difference in the fixed purchase price and the current market value of the related bond prior to the settlement date. Since the bond is typically a public bond with readily available pricing, the derivatives associated with the forward purchase commitment are classified as Level 2 of the fair value hierarchy.

Commercial mortgage and other loans

Commercial mortgage and other loans include transitional real estate loans, commercial mortgage loans and middle market loans. The Company's loan receivables do not have readily determinable market prices and generally lack market liquidity. Fair values for loan receivables are determined based on the present value of expected future cash flows discounted at the applicable U.S. Treasury or London Interbank Offered Rate (LIBOR) yield plus an appropriate spread that considers other risk factors, such as credit and liquidity risk. The spreads are a significant component of the pricing inputs and are generally considered unobservable. Therefore, these investments have been assigned a Level 3 within the fair value hierarchy.

Other investments

Other investments includes short-term investments that are measured at fair value where amortized cost approximates fair value.

Other policyholders' funds

The largest component of the other policyholders' funds liability is the Company's annuity line of business in Aflac Japan. The Company's annuities have fixed benefits and premiums. For this product, the Company estimates the fair value to be equal to the cash surrender value. This is analogous to the value paid to policyholders on the valuation date if they were to surrender their policy. The Company periodically checks the cash value against discounted cash flow projections for reasonableness. The Company considers its inputs for this valuation to be unobservable and have accordingly classified this valuation as Level 3.

Notes payable

The fair values of the Company's publicly issued notes payable are determined by utilizing available sources of observable inputs from third party pricing vendors and are classified as Level 2. The fair values of the Company's yen-denominated loans approximate their carrying values and are classified as Level 3.

Transfers between Hierarchy Levels and Level 3 Rollforward

The following tables present the changes in fair value of the Company's investments and derivatives carried at fair value classified as Level 3.

| | | | | hree Mo Septem | | | | | | | | | |
|--|----|---|----|-------------------|----------|----------------------------------|-------------------|------|-------------------|----|------------------------------|--------|-------|
| | | | Fi | xed Ma | turity S | Securities | | Se d | quity curities | De | erivatives (1) | | |
| (In millions) | A | rtgage- and Asset- acked curities | | ublic ilities | F | Banks/ inancial stitutions | Other orporate | | | | Foreign Currency Swaps | - T | Γotal |
| Balance, beginning of period | \$ | 188 | \$ | 322 | \$ | 24 | \$ 243 | \$ | 86 | \$ | (168) | \$ | 695 |
| Net investment gains (losses) included in earnings | | 0 | | 0 | | 0 | 0 | | 0 | | 23 | | 23 |
| Unrealized gains (losses) included in other comprehensive income (loss) | | 3 | | 15 | | 0 | 24 | | 0 | | 2 | | 44 |
| Purchases, issuances, sales and settlements: | | | | | | | | | | | | | |
| Purchases | | 0 | | 33 | | 0 | 1 | | 5 | | 0 | | 39 |
| Issuances | | 0 | | 0 | | 0 | 0 | | 0 | | 0 | | 0 |
| Sales | | 0 | | 0 | | 0 | 0 | | (5) | | 0 | | (5) |
| Settlements | | 0 | | (2) | | 0 | 0 | | 0 | | 0 | | (2) |
| Transfers into Level 3 | | 0 | | 0 | | 0 | 0 | | 0 | | 0 | | 0 |
| Transfers out of Level 3 | | 0 | | 0 | | 0 | 0 | | 0 | | 0 | | 0 |
| Balance, end of period | \$ | 191 | \$ | 368 | \$ | 24 | \$ 268 | \$ | 86 | \$ | (143) | \$ | 794 |
| Changes in unrealized gains (losses) relating to Level 3 assets and liabilities still held at the end of the period included in earnings | \$ | 0 | \$ | 0 | \$ | 0 | \$ 0 | \$ | 0 | \$ | 23 | \$ | 23 |

⁽¹⁾ Derivative assets and liabilities are presented net

| | Three Months Ended September 30, 2019 | | | | | | | | | | | | | |
|--|--|--|----|---------------------|----|-------------------------------------|----|-------------------|----------------------|----|----|------------------------------|----|--------------|
| | | Fixed Maturity Securities | | | | | | | Equity Securities | | | erivatives (1) | | |
| (In millions) | A | ortgage- and Asset- Backed Ecurities | | Public Utilities | | Banks/ Financial Institutions | C | Other orporate | | | | Foreign Currency Swaps | 7 | Total |
| Balance, beginning of period | \$ | 183 | \$ | 204 | \$ | 24 | \$ | 199 | \$ | 65 | \$ | 94 | \$ | 769 |
| Net investment gains (losses) included in earnings | | 0 | | 0 | | 0 | | 0 | | 0 | | (84) | | (84) |
| Unrealized gains (losses) included in other comprehensive income (loss) | | 0 | | 4 | | 0 | | 5 | | 0 | | (2) | | 7 |
| Purchases, issuances, sales and settlements: | | | | | | | | | | | | | | |
| Purchases | | 0 | | 0 | | 0 | | 19 | | 14 | | 0 | | 33 |
| Issuances | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| Sales | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| Settlements | | 0 | | (2) | | 0 | | 0 | | 0 | | 0 | | (2) |
| Transfers into Level 3 | | 0 | | 0 | | 0 | | 1 (2) | | 0 | | 0 | | 1 |
| Transfers out of Level 3 | | 0 | | 0 | | (1) ⁽²⁾ | | 0 | | 0 | | 0 | | (1) |
| Balance, end of period | \$ | 183 | \$ | 206 | \$ | 23 | \$ | 224 | \$ | 79 | \$ | 8 | \$ | 723 |
| Changes in unrealized gains (losses) relating to Level 3 assets and liabilities still held at the end of the period included in earnings | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 | \$ | (84) | \$ | (84) |

⁽¹⁾ Derivative assets and liabilities are presented net (2) Transfer due to sector classification change

| | | | | ine Mont eptembe | | | | | | | | | | |
|--|--------|--|-----|---------------------|---------|-------------------------------------|----|---------------------|----------------------|-----|------------------------------|----------------|----|-------|
| | | | Fix | ed Matur | ity Sec | urities | | | Equity Securities | | | erivatives (1) | | |
| (In millions) | A B | Mbrtgage- and Asset- Backed Securities | | Public Utilities | | Banks/ Financial Institutions | | Other Corporate | | | Foreign Currency Swaps | | _ | Total |
| Balance, beginning of period | \$ | 178 | \$ | 224 | \$ | 23 | \$ | 262 | \$ | 80 | \$ | 43 | \$ | 810 |
| Net investment gains (losses) included in earnings | | 0 | | 0 | | 0 | | 0 | | 0 | | (184) | | (184) |
| Unrealized gains (losses) included in other comprehensive income (loss) | | 5 | | 6 | | 0 | | 8 | | 0 | | (2) | | 17 |
| Purchases, issuances, sales and settlements: | | | | | | | | | | | | | | |
| Purchases | | 0 | | 129 | | 1 | | 13 | | 12 | | 0 | | 155 |
| Issuances | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| Sales | | 0 | | 0 | | 0 | | 0 | | (6) | | 0 | | (6) |
| Settlements | | (1) | | (6) | | 0 | | 0 | | 0 | | 0 | | (7) |
| Transfers into Level 3 | | 9 (2) | | 15 (3) | | 0 | | 0 | | 0 | | 0 | | 24 |
| Transfers out of Level 3 | | 0 | | 0 | | 0 | | (15) ⁽³⁾ | | 0 | | 0 | | (15) |
| Balance, end of period | \$ | 191 | \$ | 368 | \$ | 24 | \$ | 268 | \$ | 86 | \$ | (143) | \$ | 794 |
| Changes in unrealized gains (losses) relating to Level 3 assets and liabilities still held at the end of the period included in earnings | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 | \$ | (184) | \$ | (184) |

(¹) Derivative assets and liabilities are presented net
 (²) Transfer due to reclassification of level 3 securities from HTM to AFS
 (³) Transfer due to sector classification change

Nine Months Ended September 30, 2019

| | | | | Septem | | J, 2013 | | | | | | | |
|--|----------|---|----|---------------------|--------|------------------------------------|----|--------------------------|----|-------------------|----------------------------------|----|-------|
| | | | F | ixed Matu | rity S | Securities | | | Se | quity curities | Derivatives (1) | | |
| (In millions) | A: Ba | tgage- and sset- acked curities | | Public tilities | | Banks/ Financial nstitutions | (| Other Corporate | | | Foreign Currency Swaps | 1 | Γotal |
| Balance, beginning of period | \$ | 177 | \$ | 109 | \$ | 23 | \$ | 213 | \$ | 46 | \$ 80 | \$ | 648 |
| Net investment gains (losses) included in earnings | | 0 | | 0 | | 0 | | 0 | | 0 | (68) | | (68) |
| Unrealized gains (losses) included in other comprehensive income (loss) | | 6 | | 10 | | 1 | | 12 | | 0 | (4) | | 25 |
| Purchases, issuances, sales and settlements: | | | | | | | | | | | | | |
| Purchases | | 0 | | 0 | | 0 | | 107 | | 33 | 0 | | 140 |
| Issuances | | 0 | | 0 | | 0 | | 0 | | 0 | 0 | | 0 |
| Sales | | 0 | | 0 | | 0 | | (2) | | 0 | 0 | | (2) |
| Settlements | | 0 | | (4) | | 0 | | 0 | | 0 | 0 | | (4) |
| Transfers into Level 3 | | 0 | | 116 ⁽²⁾ | | 0 | | 26 ⁽²⁾ | | 0 | 0 | | 142 |
| Transfers out of Level 3 | | 0 | | (25) ⁽²⁾ | | (1) | | (132) ^{(2),(3)} | | 0 | 0 | | (158) |
| Balance, end of period | \$ | 183 | \$ | 206 | \$ | 23 | \$ | 224 | \$ | 79 | \$ 8 | \$ | 723 |
| Changes in unrealized gains (losses) relating to Level 3 assets and liabilities still held at the end of the period included in earnings | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 | \$ (68) | \$ | (68) |

Derivative assets and liabilities are presented net
 Transfer due to sector classification change
 Transfer due to availability of observable market inputs

Fair Value Sensitivity

Level 3 Significant Unobservable Input Sensitivity

The following tables summarize the significant unobservable inputs used in the valuation of the Company's Level 3 investments and derivatives carried at fair value. Included in the tables are the inputs or range of possible inputs that have an effect on the overall valuation of the financial instruments.

| | Sept | ember 30, 2020 | | | |
|---|------------|------------------------|----------------------|------------------------|----------------------|
| (In millions) | Fair Value | Valuation Technique(s) | Unobservable Input | Range (Weighted Ave | erage) |
| Assets: | | | | | |
| Securities available for sale, carried at fair value: | | | | | |
| Fixed maturity securities: | | | | | |
| Mortgage- and asset-backed securities | \$ 191 | Consensus pricing | Offered quotes | N/A | (a) |
| Public utilities | 368 | Discounted cash flow | Credit spreads | N/A | (a) |
| Banks/financial institutions | 24 | Consensus pricing | Offered quotes | N/A | (a) |
| Other corporate | 268 | Discounted cash flow | Credit spreads | N/A | (a) |
| Equity securities | 86 | Net asset value | Offered quotes | N/A | (a) |
| Other assets: | | | | | |
| Foreign currency swaps | 27 | Discounted cash flow | Interest rates (USD) | .71% - 1 | 1.12% ^(b) |
| | | | Interest rates (JPY) | .03% - | .35% ^(c) |
| | | | CDS spreads | 23 bps - 1 | 40 bps |
| | 70 | Discounted cash flow | Interest rates (USD) | .71% - | 1.12% ^(b) |
| | | | Interest rates (JPY) | .03% - | .35% ^(c) |
| Total assets | \$1,034 | | , , | | |
| Liabilities: | | | | | |
| Other liabilities: | | | | | |
| Foreign currency swaps | \$ 197 | Discounted cash flow | Interest rates (USD) | .71% - 1 | 1.12% ^(b) |
| | | | Interest rates (JPY) | .03% - | .35% ^(c) |
| | | | CDS spreads | 41 bps - 1 | 40 bps |
| | 43 | Discounted cash flow | Interest rates (USD) | .71% - ´ | 1.12% ^(b) |
| | | | Interest rates (JPY) | .03% - | .35% ^(c) |
| Total liabilities | \$ 240 | | , | | |

⁽a) N/A represents securities where the Company receives unadjusted broker quotes and for which there is no transparency into the providers' valuation techniques or unobservable inputs.

(b) Inputs derived from U.S. long-term rates to accommodate long maturity nature of the Company's swaps

(c) Inputs derived from Japan long-term rates to accommodate long maturity nature of the Company's swaps

| | Dec | ember 31, 2019 | | | | | | |
|---|------------|------------------------|----------------------|-----------------------------|---------------------|--|--|--|
| (In millions) | Fair Value | Valuation Technique(s) | Unobservable Input | Range (Weighted Average) | | | | |
| Assets: | | | | | | | | |
| Securities available for sale, carried at fair value: | | | | | | | | |
| Fixed maturity securities: | | | | | | | | |
| Mortgage- and asset-backed securities | \$ 178 | Consensus pricing | Offered quotes | N/A | (a) | | | |
| Public utilities | 224 | Discounted cash flow | Credit spreads | N/A | (a) | | | |
| Banks/financial institutions | 23 | Consensus pricing | Offered quotes | N/A | (a) | | | |
| Other corporate | 262 | Discounted cash flow | Credit spreads | N/A | (a) | | | |
| Equity securities | 80 | Net asset value | Offered quotes | N/A | (a) | | | |
| Other assets: | | | • | | | | | |
| Foreign currency swaps | 106 | Discounted cash flow | Interest rates (USD) | 1.89% - 2. | .09% ^(b) | | | |
| , , | | | Interest rates (JPY) | .12%4 | 43% ^(c) | | | |
| | | | CDS spreads | 10 bps - 10 | 0 bps | | | |
| | 63 | Discounted cash flow | Interest rates (USD) | 1.89% - 2. | .09% ^(b) | | | |
| | | | Interest rates (JPY) | .12%4 | 43% ^(c) | | | |
| Total assets | \$ 936 | | | | | | | |
| Liabilities: | | | | | | | | |
| Other liabilities: | | | | | | | | |
| Foreign currency swaps | \$ 118 | Discounted cash flow | Interest rates (USD) | 1.89% - 2 | .09% ^(b) | | | |
| | | | Interest rates (JPY) | .12%4 | 43% ^(c) | | | |
| | | | CDS spreads | 13 bps - 15 | 9 bps | | | |
| | 8 | Discounted cash flow | Interest rates (USD) | 1.89% - 2. | .09% ^(b) | | | |
| | | | Interest rates (JPY) | .12%4 | 43% ^(c) | | | |
| Total liabilities | \$ 126 | | | | | | | |

⁽a) N/A represents securities where the Company receives unadjusted broker quotes and for which there is no transparency into the providers' valuation techniques or unobservable inputs.
(b) Inputs derived from U.S. long-term rates to accommodate long maturity nature of the Company's swaps
(c) Inputs derived from Japan long-term rates to accommodate long maturity nature of the Company's swaps

The following is a discussion of the significant unobservable inputs or valuation techniques used in determining the fair value of securities and derivatives classified as Level 3.

Net Asset Value

The Company holds certain unlisted equity securities whose fair value is derived based on the financial statements published by the investee. These securities do not trade on an active market and the valuations derived are dependent on the availability of timely financial reporting of the investee. Net asset value is an unobservable input in the determination of fair value of equity securities.

Offered Quotes

In circumstances where the Company's valuation model price is overridden because it implies a value that is not consistent with current market conditions, the Company will solicit bids from a limited number of brokers. The Company also receives unadjusted prices from brokers for its mortgage and asset-backed securities. These quotes are non-binding but are reflective of valuation best estimates at that particular point in time. Offered quotes are an unobservable input in the determination of fair value of mortgage- and asset-backed securities, certain banks/financial institutions, certain other corporate, and equity securities investments.

Interest Rates and CDS Spreads

The significant drivers of the valuation of the foreign exchange swaps are interest rates and CDS spreads. Some of the Company's swaps have long maturities that increase the sensitivity of the swaps to interest rate fluctuations. For the Company's foreign exchange or cross currency swaps that are in a net asset position, an increase in yen interest rates (all other factors held constant) will decrease the present value of the yen final settlement receivable (receive leg), thus decreasing the value of the swap as long as the derivative remains in a net asset position.

Foreign exchange swaps also have a lump-sum final settlement of foreign exchange principal amounts at the termination of the swap. Assuming all other factors are held constant, an increase in yen interest rates will decrease the receive leg and decrease the net value of the swap. Likewise, holding all other factors constant, an increase in U.S. dollar interest rates will increase the swap's net value due to the decrease in the present value of the dollar final settlement payable (pay leg).

The extinguisher feature in most of the Company's VIE swaps results in a cessation of cash flows and no further payments between the parties to the swap in the event of a default on the referenced or underlying collateral. To price this feature, the Company applies the survival probability of the referenced entity to the projected cash flows. The survival probability uses the CDS spreads and recovery rates to adjust the present value of the cash flows. For extinguisher swaps with positive values, an increase in CDS spreads decreases the likelihood of receiving the final exchange payments and reduces the value of the swap.

For additional information on the Company's investments and financial instruments, see the accompanying Notes 1, 3 and 4 and Notes 1, 3 and 4 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report.

6. POLICY LIABILITIES

Changes in the liability for unpaid policy claims were as follows:

| | | onths Ended mber 30, | | nths Ended ember 30, |
|---|-------------|-------------------------|----------|-------------------------|
| (In millions) | 2020 | 2019 | 2020 | 2019 |
| Unpaid supplemental health claims, beginning of period | \$ 4,041 | \$ 4,024 | \$ 3,968 | \$ 3,952 |
| Less reinsurance recoverables | 37 | 31 | 31 | 28 |
| Net balance, beginning of period | 4,004 | 3,993 | 3,937 | 3,924 |
| Add claims incurred during the period related to: | | | | |
| Current year | 1,780 | 1,806 | 5,354 | 5,415 |
| Prior years | (105) | (134) | (408) | (437) |
| Total incurred | 1,675 | 1,672 | 4,946 | 4,978 |
| Less claims paid during the period on claims incurred during: | | | | |
| Current year | 1,295 | 1,421 | 2,971 | 3,150 |
| Prior years | 249 | 220 | 1,811 | 1,794 |
| Total paid | 1,544 | 1,641 | 4,782 | 4,944 |
| Effect of foreign exchange rate changes on unpaid claims | 42 | (3) | 76 | 63 |
| Net balance, end of period | 4,177 | 4,021 | 4,177 | 4,021 |
| Add reinsurance recoverables | 40 | 31 | 40 | 31 |
| Unpaid supplemental health claims, end of period | 4,217 | 4,052 | 4,217 | 4,052 |
| Unpaid life claims, end of period | 759 | 689 | 759 | 689 |
| Total liability for unpaid policy claims | \$ 4,976 | \$ 4,741 | \$ 4,976 | \$ 4,741 |

The incurred claims development related to prior years reflects favorable claims experience compared to previous estimates. The favorable claims development of \$408 million for the nine-month period ended September 30, 2020 comprises approximately \$264 million from Japan, which represents approximately 65% of the total. Excluding the impact of foreign exchange of a gain of approximately \$3 million from December 31, 2019 to September 30, 2020, the favorable claims development in Japan would have been approximately \$261 million, representing approximately 64% of the total. The remainder of the favorable claims development related to prior years for the nine-month period ended September 30, 2020, reflects Aflac U.S. favorable claims experience compared to previous estimates, primarily in cancer and accident lines of business.

The Company has experienced continued favorable claim trends in 2020 for its core health products in Japan. The Company's experience in Japan related to the average length of stay in the hospital for cancer treatment has shown continued decline in the current period. In addition, cancer treatment patterns in Japan are continuing to be influenced by significant advances in early-detection techniques and by the increased use of pathological diagnosis rather than clinical exams. Additionally, follow-up radiation and chemotherapy treatments are occurring more often on an outpatient basis. Such changes in treatment not only increase the quality of life and initial outcomes for the patients, but also decrease the average length of each hospital stay, resulting in favorable claims development.

The decrease in current year incurred claims in 2020 primarily reflects a decrease in Aflac U.S. claims as a result of reduced accidents, wellness medical visits and routine procedures due to shelter-in-place orders and heightened social distancing due to COVID-19.

7. REINSURANCE

The Company periodically enters into fixed quota-share coinsurance agreements with other companies in the normal course of business. For each of its reinsurance agreements, the Company determines whether the agreement provides indemnification against loss or liability relating to insurance risk in accordance with applicable accounting standards. 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. Premiums and benefits are reported net of insurance ceded.

The Company has recorded a deferred profit liability related to reinsurance transactions. The remaining deferred profit liability of \$1.0 billion as of both September 30, 2020 and December 31, 2019, respectively, is included in future policy

benefits in the consolidated balance sheet and is being amortized into income over the expected lives of the policies. The Company has also recorded a reinsurance recoverable for reinsurance transactions, which is included in other assets in the consolidated balance sheet and had a remaining balance of \$1.0 billion and \$970 million as of September 30, 2020 and December 31, 2019, respectively. The increase in the reinsurance recoverable balance was driven by the growth in reserves related to the business that has been reinsured as the policies age. The spot yen/dollar exchange rate strengthened by approximately 3.6% and ceded reserves increased approximately 3.5% from December 31, 2019 to September 30, 2020.

The following table reconciles direct premium income and direct benefits and claims to net amounts after the effect of reinsurance which also includes the elimination of inter-segment amounts associated with affiliated reinsurance.

| | Three Mo Septer | onths En mber 30 | | Nine Mor Septe | nths End mber 30 | |
|--|--------------------|---------------------|-------|-------------------|---------------------|--------|
| (In millions) | 2020 | | 2019 | 2020 | | 2019 |
| Direct premium income | \$ 4,711 | \$ | 4,823 | \$ 14,236 | \$ | 14,365 |
| Ceded to other companies: | | | | | | |
| Ceded Aflac Japan closed blocks | (116) | | (121) | (349) | | (361) |
| Other | (22) | | (17) | (69) | | (50) |
| Assumed from other companies: | | | | | | |
| Retrocession activities | 49 | | 51 | 146 | | 151 |
| Other | 1 | | 0 | 5 | | 4 |
| Net premium income | \$ 4,623 | \$ | 4,736 | \$ 13,969 | \$ | 14,109 |
| | | | | | | |
| Direct benefits and claims | \$ 3,051 | \$ | 3,106 | \$ 9,054 | \$ | 9,185 |
| Ceded benefits and change in reserves for future benefits: | | | | | | |
| Ceded Aflac Japan closed blocks | (103) | | (111) | (314) | | (331) |
| Eliminations | 10 | | 11 | 29 | | 31 |
| Other | (10) | | (18) | (54) | | (41) |
| Assumed from other companies: | ` ′ | | ` , | ` ' | | ` , |
| Retrocession activities | 47 | | 49 | 133 | | 144 |
| Eliminations | (10) | | (11) | (29) | | (31) |
| Other | Ò | | 1 | 3 | | ` 1 |
| Benefits and claims, net | \$ 2,985 | \$ | 3,027 | \$ 8,822 | \$ | 8,958 |

These reinsurance transactions are indemnity reinsurance that do not relieve the Company from its obligations to policyholders. In the event that the reinsurer is unable to meet their obligations, the Company remains liable for the reinsured claims.

As a part of its capital contingency plan, the Company entered into a committed reinsurance facility agreement on December 1, 2015 in the amount of approximately ¥120 billion of reserves. This reinsurance facility agreement was renewed in 2019 and is effective until December 31, 2020. There are also additional commitment periods of a one-year duration, each of which are automatically extended unless notification is received from the reinsurer within 60 days prior to the expiration. The reinsurer can withdraw from the committed facility if Aflac's Standard and Poor's (S&P) rating drops below BBB-. As of September 30, 2020, the Company has not executed a reinsurance treaty under this committed reinsurance facility.

8. NOTES PAYABLE AND LEASE OBLIGATIONS

A summary of notes payable and lease obligations follows:

| (In millions) | Septen | nber 30, 2020 | Decemb | er 31, 2019 |
|--|--------|---------------|--------|-------------|
| 4.00% senior notes paid January 2020 | \$ | 0 | \$ | 348 |
| 3.625% senior notes due June 2023 | | 698 | | 698 |
| 3.625% senior notes due November 2024 | | 747 | | 747 |
| 3.25% senior notes due March 2025 | | 447 | | 448 |
| 2.875% senior notes due October 2026 | | 298 | | 298 |
| 3.60% senior notes due April 2030 | | 990 | | 0 |
| 6.90% senior notes due December 2039 | | 221 | | 220 |
| 6.45% senior notes due August 2040 | | 254 | | 254 |
| 4.00% senior notes due October 2046 | | 394 | | 394 |
| 4.750% senior notes due January 2049 | | 541 | | 541 |
| Yen-denominated senior notes and subordinated debentures: | | | | |
| .300% senior notes due September 2025 (principal amount ¥12.4 billion) | | 117 | | 0 |
| .932% senior notes due January 2027 (principal amount ¥60.0 billion) | | 565 | | 545 |
| .500% senior notes due December 2029 (principal amount ¥12.6 billion) | | 119 | | 114 |
| .550% senior notes due March 2030 (principal ¥13.3 billion) | | 125 | | 0 |
| 1.159% senior notes due October 2030 (principal amount ¥29.3 billion) | | 275 | | 266 |
| .843% senior notes due December 2031 (principal amount ¥9.3 billion) | | 87 | | 84 |
| .750% senior notes due March 2032 (principal amount ¥20.7 billion) | | 194 | | 0 |
| 1.488% senior notes due October 2033 (principal amount ¥15.2 billion) | | 143 | | 138 |
| .934% senior notes due December 2034 (principal amount ¥9.8 billion) | | 92 | | 88 |
| .830% senior notes due March 2035 (principal amount ¥10.6 billion) | | 99 | | 0 |
| 1.750% senior notes due October 2038 (principal amount ¥8.9 billion) | | 83 | | 81 |
| 1.122% senior notes due December 2039 (principal amount ¥6.3 billion) | | 59 | | 57 |
| 2.108% subordinated debentures due October 2047 (principal amount ¥60.0 billion) | | 563 | | 543 |
| .963% subordinated bonds due April 2049 (principal amount ¥30.0 billion) | | 282 | | 272 |
| Yen-denominated loans: | | | | |
| Variable interest rate loan due September 2026 (.42% in 2020 and .32% in 2019, principal amount ¥5.0 billion |) | 47 | | 45 |
| Variable interest rate loan due September 2029 (.57% in 2020 and .47% in 2019, principal amount ¥25.0 billion) | | 235 | | 227 |
| Finance lease obligations payable through 2027 | | 11 | | 12 |
| Operating lease obligations payable through 2049 | | 139 | | 149 |
| Total notes payable and lease obligations | \$ | 7,825 | \$ | 6,569 |

Amounts in the table above are reported net of debt issuance costs and issuance premiums or discounts, if applicable, that are being amortized over the life of the notes.

In April 2020, the Parent Company issued \$1.0 billion of senior notes through a U.S. public debt offering. The notes bear interest at a fixed rate of 3.60% per annum, payable semi-annually, and will mature in April 2030. These notes are redeemable at the Parent Company's option in whole at any time or in part from time to time at a redemption price equal to the greater of: (i) the aggregate principal amount of the notes to be redeemed or (ii) the amount equal to the sum of the present values of the remaining scheduled payments for principal of and interest on the notes to be redeemed, not including any portion of the payments of interest accrued as of such redemption date, discounted to such redemption date on a semiannual basis at the yield to maturity for a U.S. Treasury security with a maturity comparable to the remaining term of the notes, plus 45 basis points, plus in each case, accrued and unpaid interest on the principal amount of the notes to be redeemed to, but excluding, such redemption date.

In March 2020, the Parent Company issued four series of senior notes totaling ¥57.0 billion through a public debt offering under its U.S. shelf registration statement. The first series, which totaled ¥12.4 billion, bears interest at a fixed rate

of .300% per annum, payable semiannually and will mature in September 2025. The second series, which totaled ¥13.3 billion, bears interest at a fixed rate of .550% per annum, payable semi-annually, and will mature in March 2030. The third series, which totaled ¥20.7 billion, bears interest at a fixed rate of .750% per annum, payable semiannually and will mature in March 2032. The fourth series, which totaled ¥10.6 billion, bears interest at a fixed rate of .830% per annum, payable semi-annually, and will mature in March 2035. These notes may only be redeemed before maturity, in whole but not in part, upon the occurrence of certain changes affecting U.S. taxation, as specified in the indenture governing the terms of the issuance.

In January 2020, the Parent Company used the net proceeds from senior notes issued in December 2019 to redeem \$350 million of its 4.00% fixed-rate senior notes due February 2022.

A summary of the Company's lines of credit as of September 30, 2020 follows:

| Borrower(s) | Туре | Term | Expiration Date | Capacity | Amount Outstanding | Interest Rate on Borrowed Amount | Maturity Period | Commitment Fee | Business Purpose |
|--|--------------------------|-------------------|--|---------------|-----------------------|--|--|---|---|
| Aflac Incorporated and Aflac | uncommitted bilateral | 364 days | December 18, 2020 | \$100 million | \$0 million | The rate quoted by the bank and agreed upon at the time of borrowing | Up to 3 months | None | General corporate purposes |
| Aflac Incorporated | unsecured revolving | 5 years | March 29, 2024, or the date commitments are terminated pursuant to an event of default | | ¥0.0 billion | A rate per annumequal to (a) Tokyo interbank market rate (TIBOR) plus, the alternative applicable TIBOR margin during the availability period from the closing date to the commitment termination date of (b) the TIBOR rate offered by the agent to major banks in yen for the applicable period plus, the applicable alternative TIBOR margin during the term out period | | .30% to .50%, depending on the Parent Company's debt ratings as of the date of determination | General corporate purposes, including a capital contingency plan for the operations of the Parent Company |
| Aflac Incorporated and Aflac | unsecured revolving | 5 years | November 18, 2024, or the date commitments are terminated pursuant to an event of default | | \$0.0 billion | A rate per annumequal to, at the Company's option, either, (a) LIBOR adjusted for certain costs or (b) a base rate determined by reference to the highest of (1) the federal funds rate plus 1/2 of 1%, (2) the rate of interest for such day announced by Mzuho Bank, Ltd. as its prime rate, or (3) the eurocurrency rate for an interest period of one month plus 1.00%, in each case plus an applicable margin | No later than November 18, 12024 | .085% to .225%, depending on the Parent. Company's debt ratings as of the date of determination | General corporate purposes, including a capital contingency plan for the operations of the Parent Company |
| Aflac Incorporated and Aflac | Ü | None specified | None specified | \$50 million | \$0 million | A rate per annum equal to, at the Parent Company's option, either (a) a eurocurrency rate determined by reference to the agent's LIBOR for the interest period relevant to such borrowing or (b) the base rate determined by reference to the greater of (i) the prime rate as determined by the agent, and (ii) the sum of 0.50% and the federal funds rate for such day | Up to 3 months | None | General corporate purposes |
| Aflac(1) | uncommitted revolving | 364 days | November 30, 2020 | \$250 million | \$0 million | USD three-month LIBOR plus 75 basis points per annum | 3 months | None | General corporate purposes |
| Aflac Incorporated ⁽¹⁾ | uncommitted revolving | 364 days | April 2, 2021 | ¥50.0 billion | ¥0.0 billion | Three-month TIBOR plus 70 basis points per annum | 3 months | None | General corporate purposes |
| Aflac Incorporated(1) | uncommitted revolving | 364 days | November 25, 2020 | ¥50.0 billion | ¥0.0 billion | Three-month TIBOR plus 70 basis points per annum | 3 months | None | General corporate purposes |
| Aflac New York(1) | uncommitted revolving | 364 days | April 7, 2021 | \$25 million | \$0 million | USD three-month LIBOR plus 75 basis points per annum | 3 months | None | General corporate purposes |
| CAIO¹) | uncommitted revolving | 364 days | March 20, 2021 | \$15 million | \$0 million | USD three-month LIBOR plus 75 basis points per annum | 3 months | None | General corporate purposes |
| Tier One Insurance Company ⁽¹⁾ | uncommitted revolving | 364 days | March 20, 2021 | \$0.3 million | \$0 million | USD three-month LIBOR plus 75 basis points per annum | 3 months | None | General corporate purposes |
| AGV Management Services Japan KK(1) | uncommitted revolving | 364 days | May 1, 2021 | ¥500 million | ¥350 million | A rate per annumequal to the short-termprime lending rates of banks appearing on the website for the Bank of Japan on the first day of the applicable period | No later than May 1, 2021 | None | General corporate purposes |

⁽¹⁾ Intercompany credit agreement

The Company was in compliance with all of the covenants of its notes payable and lines of credit at September 30, 2020. No events of default or defaults occurred during the nine-month period ended September 30, 2020.

For additional information, see Notes 4 and 9 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report.

9. INCOME TAXES

The Company uses a full year estimated annual effective tax rate to calculate total income tax expense on interim quarters. In addition, the Company discretely recognizes certain other items in the period in which they occur. The estimated annual effective tax rate is calculated as the ratio of projected total income tax expense divided by projected earnings before income taxes for the year. The interim period tax expense (or benefit) is the difference between the year-to-date income tax provision and the amounts reported for the previous interim periods of the year.

The Company's consolidated effective income tax rate on pretax earnings was (112.9)% and 25.0% for the three-month periods and (30.0)% and 25.5% for the nine-month periods ended September 30, 2020 and 2019, respectively. This combined effective tax rate differs from the U.S. statutory rate primarily due to the release of certain valuation allowances discussed below.

On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security (CARES) Act was signed into law and includes certain income tax provisions relevant to businesses. The Company was required to recognize the effect on the consolidated financial statements in the period the law was enacted, which was the period ended March 31, 2020. For the nine-month period ended September 30, 2020, the CARES Act did not have a material impact on the Company's consolidated financial statements. At this time, the Company does not expect the impact of the CARES Act to have a material impact on the Company's consolidated financial statements for the year ended December 31, 2020.

On September 29, 2020, the U.S. Treasury and Internal Revenue Service issued Final and Proposed Regulations which address, among other items, the allocation of insurance expenses in the calculation of the foreign tax credit limitation. These regulations clarify how insurance related expenses are allocated and apportioned for this purpose. The Company had previously established valuation allowances on deferred foreign tax credits due to the uncertainty that previously existed. Under the guidance of these regulations, the Company recognized a one-time income tax benefit of \$1.4 billion due to the release of these valuation allowances which were predominantly established on the Company's deferred foreign tax credit benefits. The Company has determined that this will also reduce its effective tax rate in future periods, subject to any future changes in U.S. tax policy.

10. SHAREHOLDERS' EQUITY

The following table is a reconciliation of the number of shares of the Company's common stock for the nine-month periods ended September 30.

| (In thousands of shares) | 2020 | 2019 |
|---|-----------|-----------|
| Common stock - issued: | | |
| Balance, beginning of period | 1,349,309 | 1,347,540 |
| Exercise of stock options and issuance of restricted shares | 1,546 | 1,650 |
| Balance, end of period | 1,350,855 | 1,349,190 |
| Treasury stock: | | |
| Balance, beginning of period | 622,516 | 592,254 |
| Purchases of treasury stock: | | |
| Share repurchase program | 26,108 | 23,126 |
| Other | 541 | 589 |
| Dispositions of treasury stock: | | |
| Shares issued to AFL Stock Plan | (1,584) | (1,232) |
| Exercise of stock options | (49) | (382) |
| Other | (251) | (295) |
| Balance, end of period | 647,281 | 614,060 |
| Shares outstanding, end of period | 703,574 | 735,130 |

Outstanding share-based awards are excluded from the calculation of weighted-average shares used in the computation of basic earnings per share (EPS). The following table presents the approximate number of share-based awards to purchase shares, on a weighted-average basis, that were considered to be anti-dilutive and were excluded from the calculation of diluted earnings per share for the following periods.

| | Three Montl Septemb | | Nine Months Ended September 30, | | |
|----------------------------------|------------------------|------|------------------------------------|------|--|
| (In thousands) | 2020 | 2019 | 2020 | 2019 | |
| Anti-dilutive share-based awards | 592 | 1 | 857 | 8 | |

Share Repurchase Program

During the first nine months of 2020, the Company repurchased 26.1 million shares of its common stock for \$1.0 billion as part of its share repurchase program. During the first nine months of 2019, the Company repurchased 23.1 million shares of its common stock for \$1.2 billion as part of its share repurchase program. In August 2020, the Company's board of directors authorized the purchase of an additional 100 million shares of its common stock. As of September 30, 2020, a remaining balance of 110.9 million shares of the Company's common stock was available for purchase under share repurchase authorizations by its board of directors.

Reclassifications from Accumulated Other Comprehensive Income

The tables below are reconciliations of accumulated other comprehensive income by component for the following periods.

Changes in Accumulated Other Comprehensive Income

| | | • | | | |
|--|--|---|--|------------------------------------|----------|
| | | ee Months Ended otember 30, 2020 | | | |
| (In millions) | Unrealized Foreign Currency Translation Gains (Losses) | Unrealized Gains (Losses) on Investment Securities | Unrealized Gains (Losses) on Derivatives | Pension Liability Adjustment | Total |
| Balance at June 30, 2020 | \$ (1,469) | \$ 8,532 | \$ (36) | \$ (277) | \$ 6,750 |
| Other comprehensive income (loss) before reclassification | 179 | 995 | 1 | (5) | 1,170 |
| Amounts reclassified from accumulated other comprehensive income (loss) | 0 | (7) | 0 | 4 | (3) |
| Net current-period other comprehensive income (loss) | 179 | 988 | 1 | (1) | 1,167 |
| Balance at September 30, 2020 | \$ (1,290) | \$ 9,520 | \$ (35) | \$ (278) | \$ 7,917 |

All amounts in the table above are net of tax.

| | | ee Months Ended ptember 30, 2019 | | | |
|--|--|---|--|---------------------------------|----------|
| (In millions) | Unrealized Foreign Currency Translation Gains (Losses) | Unrealized Gains (Losses) on Investment Securities | Unrealized Gains (Losses) on Derivatives | Pension Liability Adjustment | Total |
| Balance at June 30, 2019 | \$ (1,455) | \$ 8,055 | \$ (27) | \$ (209) | \$ 6,364 |
| Other comprehensive income (loss) before reclassification | (24) | 884 | (6) | (2) | 852 |
| Amounts reclassified from accumulated other comprehensive income (loss) | 0 | 31 | 0 | 4 | 35 |
| Net current-period other comprehensive income (loss) | (24) | 915 | (6) | 2 | 887 |
| Balance at September 30, 2019 | \$ (1,479) | \$ 8,970 | \$ (33) | \$ (207) | \$ 7,251 |

All amounts in the table above are net of tax.

| | | | | ns Ended 30, 2020 | | | | | | |
|---|---------------|---|----------------|---|-------|---------------------------------|----|------------------------------|----|--------------|
| (In millions) | F C Tra | realized oreign urrency inslation is (Losses) | Gain: on Ir | realized s (Losses) nvestment curities | Gains | alized (Losses) rivatives | Li | ension ability ustment | т | otal |
| Balance at December 31, 2019 | \$ | (1,623) | \$ | 8,548 | \$ | (33) | \$ | (277) | \$ | 6,615 |
| Cumulative effect of change in accounting principle - ASU 2019-04 Balance at January 1, 2020 | \$ | 0 (1,623) | ¢ | 848 9,396 | • | 0 (33) | ¢ | 0 (277) | \$ | 848 7,463 |
| | Ψ | (1,023) | Ψ | 9,390 | Ψ | (33) | Ψ | (211) | Ψ | 7,403 |
| Other comprehensive income (loss) before reclassification | | 333 | | 20 | | (2) | | (18) | | 333 |
| Amounts reclassified from accumulated other comprehensive income (loss) | | 0 | | 104 | | 0 | | 17 | | 121 |
| Net current-period other comprehensive income (loss) | | 333 | | 124 | | (2) | | (1) | | 454 |
| Balance at September 30, 2020 | \$ | (1,290) | \$ | 9,520 | \$ | (35) | \$ | (278) | \$ | 7,917 |

All amounts in the table above are net of tax.

| | | ne Months Ended otember 30, 2019 | | | |
|--|--|---|--|---------------------------------|----------|
| (In millions) | Unrealized Foreign Currency Translation Gains (Losses) | Unrealized Gains (Losses) on Investment Securities | Unrealized Gains (Losses) on Derivatives | Pension Liability Adjustment | Total |
| Balance at December 31, 2018 | \$ (1,847) | \$ 4,234 | \$ (24) | \$ (212) | \$ 2,151 |
| Other comprehensive income (loss) before reclassification | 368 | 4,737 | (9) | (4) | 5,092 |
| Amounts reclassified from accumulated other comprehensive income (loss) | 0 | (1) | 0 | 9 | 8 |
| Net current-period other comprehensive income (loss) | 368 | 4,736 | (9) | 5 | 5,100 |
| Balance at September 30, 2019 | \$ (1,479) | \$ 8,970 | \$ (33) | \$ (207) | \$ 7,251 |

All amounts in the table above are net of tax.

The tables below summarize the amounts reclassified from each component of accumulated other comprehensive income into net earnings for the following periods.

Reclassifications Out of Accumulated Other Comprehensive Income

| (In millions) | | nths Ended er 30, 2020 | |
|---|-----------------|--|---|
| Details about Accumulated Other Comprehensive Income Components | Accumulated Oth | classified from her Comprehen come | sive Affected Line Item in the Statements of Earnings |
| Unrealized gains (losses) on available-for-sale securities | \$ | 13 | Net investment gains (losses) |
| | | (6) | Tax (expense) or benefit ⁽¹⁾ |
| | \$ | 7 | Net of tax |
| Amortization of defined benefit pension items: | | | |
| Actuarial gains (losses) | \$ | (7) | Acquisition and operating expenses ⁽²⁾ |
| Prior service (cost) credit | | O O | Acquisition and operating expenses ⁽²⁾ |
| , , | | 3 | Tax (expense) or benefit (1) |
| | \$ | (4) | Net of tax |
| Total reclassifications for the period | \$ | 3 | Net of tax |

⁽¹⁾ Based on 21% tax rate, with a cumulative adjustment to the first six months of 2020 due to the effects of Final and Proposed Regulations released on September 29, 2020. See Note 9 of the Notes to the Consolidated Financial Statements.

^{2020.} See Note 9 of the Notes to the Consolidated Financial Statements.

(2) These accumulated other comprehensive income components are included in the computation of net periodic pension cost (see Note 12 for additional details).

| (In millions) | | onths Ended per 30, 2019 | |
|--|--------|--|---|
| Details about Accumulated Other Comprehensive Income Components | Accumu | classified from lated Other nsive Income | Affected Line Item in the Statements of Earnings |
| Unrealized gains (losses) on available-for-sale securities | \$ | (41) | Net investment gains (losses) |
| | | 10 | Tax (expense) or benefit ⁽¹⁾ |
| | \$ | (31) | Net of tax |
| Amortization of defined benefit pension items: | | | |
| Actuarial gains (losses) | \$ | (5) | Acquisition and operating expenses ⁽²⁾ |
| Prior service (cost) credit | | 0 | Acquisition and operating expenses ⁽²⁾ |
| | | 1 | Tax (expense) or benefit ⁽¹⁾ |
| | \$ | (4) | Net of tax |
| Total reclassifications for the period | \$ | (35) | Net of tax |

⁽¹⁾ Based on 25% blended tax rate (2) These accumulated other comprehensive income components are included in the computation of net periodic pension cost (see Note 12 for additional details).

| (In millions) | | onths Ended ber 30, 2020 | |
|--|--------|--|---|
| Details about Accumulated Other Comprehensive Income Components | Accumu | classified from lated Other nsive Income | Affected Line Item in the Statements of Earnings |
| Unrealized gains (losses) on available-for-sale securities | \$ | (132) | Net investment gains (losses) |
| | | 28 | Tax (expense) or benefit ⁽¹⁾ |
| | \$ | (104) | Net of tax |
| Amortization of defined benefit pension items: | | | |
| Actuarial gains (losses) | \$ | (22) | Acquisition and operating expenses ⁽²⁾ |
| Prior service (cost) credit | | 0 | Acquisition and operating expenses ⁽²⁾ |
| | | 5 | Tax (expense) or benefit ⁽¹⁾ |
| | \$ | (17) | Net of tax |
| Total reclassifications for the period | \$ | (121) | Net of tax |

⁽¹⁾ Based on 21% tax rate
(2) These accumulated other comprehensive income components are included in the computation of net periodic pension cost (see Note 12 for additional details).

| (In millions) | | nths Ended per 30, 2019 | |
|--|---------|--|---|
| Details about Accumulated Other Comprehensive Income Components | Accumul | classified from lated Other nsive Income | Affected Line Item in the Statements of Earnings |
| Unrealized gains (losses) on available-for-sale securities | \$ | 1 | Net investment gains (losses) |
| | | 0 | Tax (expense) or benefit ⁽¹⁾ |
| | \$ | 1 | Net of tax |
| Amortization of defined benefit pension items: | | | |
| Actuarial gains (losses) | \$ | (12) | Acquisition and operating expenses ⁽²⁾ |
| Prior service (cost) credit | | 0 | Acquisition and operating expenses ⁽²⁾ |
| | | 3 | Tax (expense) or benefit ⁽¹⁾ |
| | \$ | (9) | Net of tax |
| Total reclassifications for the period | \$ | (8) | Net of tax |

⁽¹⁾ Based on 26% blended tax rate

11. SHARE-BASED COMPENSATION

In June 2020, the Company transitioned from E*Trade Financial Corporate Services, Inc. to Fidelity Management Trust Company as the trustee and recordkeeper of the Company's long-term share-based compensation plans.

As of September 30, 2020, the Company has outstanding share-based awards under the Aflac Incorporated Long-Term Incentive Plan (the Plan). Share-based awards are designed to reward employees for their long-term contributions to the Company and provide incentives for them to remain with the Company. The number and frequency of share-based awards are based on competitive practices, operating results of the Company, government regulations, and other factors.

The Plan, as amended on February 14, 2017, allows for a maximum number of shares issuable over its term of 75 million shares including 38 million shares that may be awarded in respect of awards other than options or stock appreciation rights. If any awards granted under the Plan are forfeited or are terminated before being exercised or settled for any reason other than tax forfeiture, then the shares underlying the awards will again be available under the Plan.

The Plan allows awards to Company employees for incentive stock options (ISOs), non-qualifying stock options (NQSOs), restricted stock, restricted stock units, and stock appreciation rights. Non-employee directors are eligible for grants of NQSOs, restricted stock, and stock appreciation rights. As of September 30, 2020, approximately 37.9 million shares were available for future grants under this plan. The ISOs and NQSOs have a term of 10 years, and the share-based awards generally vest upon time-based conditions or time and performance-based conditions. Time-based vesting generally occurs after three years. Performance-based vesting conditions generally include the attainment of goals related to Company financial performance. As of September 30, 2020, the only performance-based awards issued and outstanding were restricted stock awards and units.

Stock options and stock appreciation rights granted under the amended Plan have an exercise price of at least the fair market value of the underlying stock on the grant date and have an expiration date no later than 10 years from the grant date. Time-based restricted stock awards, restricted stock units and stock options granted after January 1, 2017 generally vest on a ratable basis over three years, and awards granted prior to the amendment vest on a three years cliff basis. The Compensation Committee of the Board of Directors has the discretion to determine vesting schedules.

Share-based awards granted to U.S.-based grantees are settled with authorized but unissued Company stock, while those issued to Japan-based grantees are settled with treasury shares.

The following table provides information on stock options outstanding and exercisable at September 30, 2020.

⁽²⁾ These accumulated other comprehensive income components are included in the computation of net periodic pension cost (see Note 12 for additional details).

| | Stock Option Shares (in thousands) | Weighted-Average Remaining Term (in years) | Aggregate Intrinsic Value (in millions) | Weighted-Average Exercise Price Per Share |
|-------------|--|--|--|---|
| Outstanding | 3,288 | 4.0 | \$ 21 | \$ 30.18 |
| Exercisable | 3,229 | 3.9 | 21 | 30.08 |

The Company received cash from the exercise of stock options in the amount of \$9 million during the first nine months of 2020, compared with \$36 million in the first nine months of 2019. The tax benefit realized as a result of stock option exercises and restricted stock releases was \$19 million in the first nine months of 2020, compared with \$26 million in the first nine months of 2019.

As of September 30, 2020, total compensation cost not yet recognized in the Company's consolidated financial statements related to restricted stock awards was \$46 million, of which \$20 million (1 million shares) was related to restricted stock awards with a performance-based vesting condition. The Company expects to recognize these amounts over a weighted-average period of approximately 1.7 years. There are no other contractual terms covering restricted stock awards once vested.

The following table summarizes restricted stock activity during the nine-month period ended September 30, 2020.

| (In thousands of shares) | Shares | Weighted-Average Grant-Date Fair Value Per Share |
|--|----------------------|--|
| Restricted stock at December 31, 2019 | 2,715 ⁽¹⁾ | \$ 43.74 |
| Granted in 2020 | 1,494 | 45.97 |
| Canceled in 2020 | (58) | 49.70 |
| Vested in 2020 | (1,556) | 35.20 |
| Restricted stock at September 30, 2020 | 2,595 | \$ 48.69 |

⁽¹⁾ The balance has been adjusted to include dividends

In February 2020, the Company granted 409 thousand performance-based stock awards, which are contingent on the achievement of the Company's financial performance metrics and its market-based conditions. On the date of grant, the Company estimated the fair value of restricted stock awards with market-based conditions using a Monte Carlo simulation model. The model discounts the value of the stock at the assumed vesting date based on the risk-free interest rate. Based on estimates of actual performance versus the vesting thresholds, the calculated fair value percentage pay-out estimate will be updated each quarter.

The Company uses third-party analyses to assist in developing the assumptions used in, as well as calibrating, a Monte Carlo simulation model. The Company is responsible for determining the assumptions used in estimating the fair value of its share-based payment awards.

For additional information on the Company's long-term share-based compensation plans and the types of share-based awards, see Note 12 of the Notes to the Consolidated Financial Statements included in the 2019 Annual Report.

12. BENEFIT PLANS

The Company has funded defined benefit plans in Japan and the U.S., however the U.S. plan was frozen to new participants effective October 1, 2013. The Company also maintains non-qualified, unfunded supplemental retirement plans that provide defined pension benefits in excess of limits imposed by federal tax law for certain Japanese, U.S. and former employees, however the U.S. plan was frozen to new participants effective January 1, 2015. U.S. employees who are not participants in the defined benefit plan receive a nonelective 401(k) employer contribution.

The Company provides certain health care benefits for eligible U.S. retired employees, their beneficiaries and covered dependents (other postretirement benefits). The health care plan is contributory and unfunded. Effective January 1, 2014, employees eligible for benefits included the following: (1) active employees whose age plus service, in years, equaled or exceeded 80 (rule of 80); (2) active employees who were age 55 or older and have met the 15 years of service requirement; (3) active employees who would meet the rule of 80 in the next 5 years; (4) active employees who were age

55 or older and who would meet the 15 years of service requirement within the next 5 years; and (5) current retirees. For certain employees and former employees, additional coverage is provided for all medical expenses for life.

Pension and other postretirement benefit expenses are included in acquisition and operating expenses in the consolidated statement of earnings, which includes other components of net periodic pension cost and postretirement costs (other than service costs) of \$6 million for the three-month periods and \$18 million for the nine-month periods ended September 30, 2020 and 2019, respectively. Total net periodic cost includes the following components:

| | · | · ' ' | <u>'</u> | | | |
|--|------------------|------------|-----------------|-------------------------|--------------|--------------|
| | | | Three Months En | ded September 30, | | |
| | Pension Benefits | | | Other | | |
| | Jar | oan | U | l.S. | Postretireme | ent Benefits |
| (In millions) | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 |
| Components of net periodic benefit cost: | | | | | | |
| Service cost | \$ 6 | \$ 6 | \$ 7 | \$ 5 | \$ 0 | \$ 0 |
| Interest cost | 1 | 1 | 9 | 10 | 0 | 0 |
| Expected return on plan assets | (2) | (2) | (9) | (8) | 0 | 0 |
| Amortization of net actuarial loss | 1 | 1 | 6 | 3 | 0 | 1 |
| Net periodic (benefit) cost | \$ 6 | \$ 6 | \$ 13 | \$ 10 | \$ 0 | \$ 1 |
| | | | Nine Months End | ded September 30, | | |
| | Pension Benefits | | | | Oth | er |
| | Ja | Japan U.S. | | Postretirement Benefits | | |
| (In millions) | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 |
| Components of net periodic benefit cost: | | | | | | |
| Service cost | \$ 18 | \$ 16 | \$ 21 | \$ 17 | \$ 0 | \$ 0 |
| Interest cost | 3 | 4 | 25 | 28 | 1 | 1 |
| Expected return on plan assets | (6) | (5) | (27) | (22) | 0 | 0 |
| Amortization of net actuarial loss | 3 | 3 | 18 | 8 | 1 | 1 |
| | | | | | | |

During the nine months ended September 30, 2020, Aflac Japan contributed approximately \$28 million (using the weighted-average yen/dollar exchange rate for the nine-month period ended September 30, 2020) to the Japanese funded defined benefit plan, and Aflac U.S. did not make a contribution to the U.S. funded defined benefit plan.

\$ 18

\$ 37

\$ 31

2

\$ 2

For additional information regarding the Company's Japanese and U.S. benefit plans, see Note 14 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report.

13. COMMITMENTS AND CONTINGENT LIABILITIES

Net periodic (benefit) cost

Effective for 2020, the Company entered into an outsourcing agreement with an information technology and data services company to provide application maintenance and development services for its Japanese operation. As of September 30, 2020, the agreement has a remaining term of five years and an aggregate remaining cost of ¥14.5 billion (\$137 million using the September 30, 2020, exchange rate).

The Company is a defendant in various lawsuits considered to be in the normal course of business. Members of the Company's senior legal and financial management teams review litigation on a quarterly and annual basis. The final results of any litigation cannot be predicted with certainty. Although some of this litigation is pending in states where large punitive damages, bearing little relation to the actual damages sustained by plaintiffs, have been awarded in recent years, the Company believes the outcome of pending litigation will not have a material adverse effect on its financial position, results of operations, or cash flows.

See Note 3 of the Notes to the Consolidated Financial Statements for details on certain investment commitments.

\$ 18

Guaranty Fund Assessments

The U.S. insurance industry has a policyholder protection system that is monitored and regulated by state insurance departments. These life and health insurance guaranty associations are state entities (in all 50 states as well as Puerto Rico and the District of Columbia) created to protect policyholders of an insolvent insurance company. All insurance companies (with limited exceptions) licensed to sell life or health insurance in a state must be members of that state's guaranty association. Under state guaranty association laws, certain insurance companies can be assessed (up to prescribed limits) for certain obligations to the policyholders and claimants of impaired or insolvent insurance companies that write the same line or similar lines of business.

In 2009, the Pennsylvania Insurance Commissioner placed long-term care insurer Penn Treaty Network America Insurance Company and its subsidiary American Network Insurance Company (collectively referred to as Penn Treaty), neither of which is affiliated with Aflac, in rehabilitation and petitioned a state court for approval to liquidate Penn Treaty. A final order of liquidation was granted by a recognized judicial authority on March 1, 2017, and as a result, Penn Treaty is in the process of liquidation. The Company estimated and recognized the impact of its share of guaranty fund assessments resulting from the liquidation using a discounted rate of 4.25%. The Company recognized a discounted liability for the assessments of \$62 million (undiscounted \$94 million), offset by discounted premium tax credits of \$48 million (undiscounted \$74 million), for a net \$14 million impact to net income in the quarter ended March 31, 2017. The Company paid a majority of these assessments by September 30, 2020. The Company used the cost estimate provided as of the liquidation date by the National Organization of Life and Health Guaranty Associations (NOLHGA) to calculate its estimated assessments and tax credits.

Guaranty fund assessments for the nine-month period ended September 30, 2020 were immaterial.

14. SUBSEQUENT EVENTS

On October 26, 2020, the Company entered into an agreement to purchase approximately \$200 million in newly issued common stock of Trupanion, Inc., a provider of medical insurance for pets in the United States and Canada. The Company closed on approximately \$60 million of this transaction on October 26, 2020. Subject to regulatory approvals and customary closing conditions, the remainder of this transaction is expected to close in the fourth quarter of 2020 and result in the Company owning approximately 9% of the outstanding common stock of Trupanion, Inc. The Company also announced that it has entered into an alliance agreement with Trupanion, Inc. to sell pet insurance on an exclusive basis in the United States, subject to certain exceptions, and to explore on an exclusive basis potential distribution opportunities for pet insurance in Japan.

In October 2020, Aflac U.S. made a \$100 million contribution to the U.S. funded defined benefit plan.

In September 2020, the Company announced a voluntary separation program for certain U.S. employees. The program provides eligible employees with a severance package, including twelve months of salary, the employee's targeted bonus payout for 2020 and one year of Consolidated Omnibus Budget Reconciliation Act (COBRA) or retiree medical, if eligible. The volunteer period opened on September 15, 2020 and closed October 1, 2020. Employees accepted into this program were notified in October 2020 and the Company expects transitions to be completed by December 31, 2020. The Company expects to take a one-time severance charge related to the program in the fourth quarter of 2020 of approximately \$45 million.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A)

FORWARD-LOOKING INFORMATION

The Private Securities Litigation Reform Act of 1995 provides a safe harbor to encourage companies to provide prospective information, so long as those informational statements are identified as forward-looking and are accompanied by meaningful cautionary statements identifying important factors that could cause actual results to differ materially from those included in the forward-looking statements. Aflac Incorporated and its subsidiaries desire to take advantage of these provisions. This report contains cautionary statements identifying important factors that could cause actual results to differ materially from those projected herein, and in any other statements made by Company officials in communications with the financial community and contained in documents filed with the Securities and Exchange Commission (SEC). Forward-looking statements are not based on historical information and relate to future operations, strategies, financial results or other developments. Furthermore, forward-looking information is subject to numerous assumptions, risks and uncertainties. In particular, statements containing words such as the ones listed below or similar words, as well as specific projections of future results, generally qualify as forward-looking. The Company undertakes no obligation to update such forward-looking statements.

| expect | anticipate | believe | goal | objective |
|----------------------------|--------------------------------|-------------------------------|----------------------------|-------------------------------|
| • may | should | estimate | intends | projects |
| • will | assumes | potential | target | outlook |

The Company cautions readers that the following factors, in addition to other factors mentioned from time to time, could cause actual results to differ materially from those contemplated by the forward-looking statements:

- the effects of COVID-19, and any resulting economic effects and government interventions, on the Company's business and financial results
- ability to attract and retain qualified sales associates, brokers, employees, and distribution partners
- events related to the Japan Post investigation and other matters
- competitive environment and ability to anticipate and respond to market trends
- difficult conditions in global capital markets and the economy
- deviations in actual experience from pricing and reserving assumptions
- ability to continue to develop and implement improvements in information technology systems
- defaults and credit downgrades of investments
- exposure to significant interest rate risk
- concentration of business in Japan
- limited availability of acceptable yen-denominated investments
- tax rates applicable to the Company may change
- failure to comply with restrictions on policyholder privacy and information security
- interruption in telecommunication, information technology and other operational systems, or a failure to maintain the security, confidentiality or privacy of sensitive data residing on such systems
- catastrophic events including, but not necessarily limited to, epidemics, pandemics (such as the coronavirus COVID-19), tomadoes, hurricanes, earthquakes, tsunamis, war or other military action, terrorism or other acts of violence, and damage incidental to such events
- ability to protect the Aflac brand and the Company's reputation
- extensive regulation and changes in law or regulation by governmental authorities
- foreign currency fluctuations in the yen/dollar exchange rate
- decline in creditworthiness of other financial institutions
- significant valuation judgments in determination of amount of impairments taken on the Company's investments
- U.S. tax audit risk related to conversion of the Japan branch to a subsidiary
- subsidiaries' ability to pay dividends to the Parent Company
- decreases in the Company's financial strength or debt ratings
- inherent limitations to risk management policies and procedures
- concentration of the Company's investments in any particular single-issuer or sector
- differing judgments applied to investment valuations
- ability to effectively manage key executive succession
- changes in accounting standards
- level and outcome of litigation
- allegations or determinations of worker misclassification in the United States

MD&A OVERVIEW

MD&A is intended to inform the reader about matters affecting the financial condition and results of operations of Aflac Incorporated and its subsidiaries for the three- and nine-month periods ended September 30, 2020 and 2019, respectively. Results of operations for interim periods are not necessarily indicative of results for the entire year. As a result, the following discussion should be read in conjunction with the consolidated financial statements and notes that are included in the Company's annual report on Form 10-K for the year ended December 31, 2019 (2019 Annual Report). In this MD&A, amounts may not foot due to rounding. For additional information on the Company's performance measures included in this MD&A, see the Glossary of Selected Terms found directly following Part II. Other Information.

This MD&A is divided into the following sections:

| <u>rage</u> |
|-------------|
| <u>72</u> |
| <u>78</u> |
| <u>92</u> |
| <u>100</u> |
| <u>10°</u> |
| <u>100</u> |
| <u>10</u> |
| <u>10</u> |
| <u>10</u> |
| <u>107</u> |
| |

EXECUTIVE SUMMARY

Company Overview

Aflac Incorporated (the Parent Company) and its subsidiaries (collectively, the Company) provide financial protection to more than 50 million people worldwide. The Company's principal business is providing supplemental health and life insurance products with the goal to provide customers the best value in supplemental insurance products in the United States (U.S.) and Japan. The Company's insurance business consists of two reporting segments: Aflac Japan and Aflac U.S. The Parent Company's primary insurance subsidiaries are Aflac Life Insurance Japan Ltd. in Japan (Aflac Japan) and American Family Life Assurance Company of Columbus (Aflac); Continental American Insurance Company (CAIC), branded as Aflac Group Insurance (AGI); American Family Life Assurance Company of New York (Aflac New York); Tier One Insurance Company (TOIC) and Argus Dental & Vision, Inc. (Argus), which provides a platform for Aflac Dental and Vision in the U.S. (collectively, Aflac U.S.).

COVID-19

On March 11, 2020, the World Health Organization declared the COVID-19 outbreak a global pandemic. The impact of COVID-19 on the Company continues to evolve, and its future effects remain uncertain. The Company continues to closely monitor the effects and risks of COVID-19 to assess its impact on economic conditions in Japan and the U.S. and on the Company's business, financial condition, results of operations, liquidity and capital position in a number of ways, and may cause changes to estimates of future earnings, capital deployment, regulatory capital position, segment dividend payout ratios and other guidance the Company provided under 2020 Outlook in Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations of the 2019 Annual Report.

The Company's efforts and other developments are outlined below.

• Liquidity and Capital Resources

The Company entered the crisis in a strong capital and liquidity position, having maintained capital ratios in Japan and the U.S. at a level designed to absorb a degree of market volatility. To further support liquidity and capital resources, the Parent Company, in March 2020, issued four series of senior notes totaling ¥57.0 billion and, in April 2020, issued \$1.0 billion in senior notes through public debt offerings under its U.S. shelf registration statement. Accordingly, as of September 30, 2020 the Company held approximately \$5.6 billion in cash and cash equivalents for stress conditions, which includes the Parent Company's target minimum amount of \$2.0 billion held to provide a capital buffer and liquidity support at the holding company. Even after these debt offerings, the Company's leverage ratio remains at levels that the Company believes are adequate to maintain current ratings and leave capacity for further debt issuances. The Company has available liquidity in its unsecured revolving credit facilities of \$1 billion and ¥100.0 billion, respectively, and currently has no borrowings under either of these facilities. In April 2020, Aflac increased its internal limit for Federal Home Loan Bank of Atlanta (FHLB) borrowings to \$800 million, \$300 million of which the Company has designated to be used for short-term liquidity needs and subject to qualified collateral availability and other conditions. The Company has the ability to adjust cash flow management from other sources of liquidity including reinvestment cash flows and selling investments.

The Company remains committed to prudent liquidity and capital management and is taking a tactical approach to capital allocation. In terms of repurchase guidance, the Company remains in the market and is being tactical in its approach to repurchasing its stock. The Company believes that this approach will allow it to increase or decrease repurchase activity depending on how the pandemic and market conditions evolve.

The Company is committed to maintaining a strong Aflac Japan solvency margin ratio (SMR) and Aflac U.S. risk-based capital (RBC) ratios. While the SMR is particularly sensitive to market volatility resulting from widening of credit spreads, both SMR and RBC are sensitive to credit downgrades and defaults. The Company has capital tools available to increase SMR and RBC including the reduction of subsidiary dividends paid to the Parent Company by its insurance subsidiaries and Parent Company capital contributions to insurance subsidiaries sourced through cash on hand, proceeds from debt issuances or by drawing on the revolving credit facilities noted above. For example, the Parent Company made a capital contribution of \$150 million to CAIC in May 2020. The Company also has a committed reinsurance facility in the amount of approximately ¥120 billion of reserves that could be deployed to support SMR. Additionally, Aflac Japan has to date reduced dividends it provides to the Parent Company in 2020 by ¥75 billion compared to initial 2020 plans. Taking into consideration the strong liquidity position of the Parent Company as well as the continuing development of economic conditions in Japan and the U.S., the Company currently plans to defer the payment of further subsidiary dividends to the Parent

Company until the fourth quarter of 2020. Further dividend delays or reductions may be undertaken as the Company continues to monitor developments. The Company intends to maintain the RBC ratio for Aflac in the 525% to 575% range for 2020.

As a result of market volatility, the Company has made tactical adjustments to its foreign currency-hedging program in Aflac Japan to mitigate hedging cost and settlement risk while maintaining a strong SMR. Aflac Japan maintains a collar program on a portion of its US dollar program to mitigate against more extreme moves in foreign exchange rates and therefore support SMR. In the first quarter of 2020, the Company reduced the size of the collar program by approximately \$3 billion to \$9 billion and marginally widened the collars. While these adjustments will moderately increase the Company's exposure to SMR volatility, the Company believes that they will also reduce its exposure to pricing volatility and the related risk of negative settlements should there be a material weakening in the yen. Depending on further developments, including the possibility of further market volatility, there may be additional costs associated with maintaining the collar program. The Company is evaluating other adjustments, including the possibility of hedging additional U.S dollar-denominated investments. See the Liquidity and Capital Resources section of this MD&A for additional information regarding other potential sources of liquidity and capital resources.

• Investment Portfolio

The Company's investment portfolio was well-positioned entering the crisis, and the Company continues to follow its strategy of investing primarily in fixed maturity securities to generate a reliable stream of income. Fundamental credit analysis and de-risking activity in prior periods contributed to the current quality of the Company's investments. The Company continued with de-risking activity in the third quarter, reducing positions in the portfolios seen as more whereable in the current environment. Although economic and market conditions improved throughout much of the quarter, the Company remains cautious about the continued path of the recovery and the potential longer term impacts on certain sectors most vulnerable to the impacts of the pandemic. The Company continues seeking ways to improve the health of the portfolio through de-risking and other repositioning activity in the company continues were impacted with credit rating downgrades and increased price volatility, including investments in issuers that faced an immediate and severe impact such as those in travel and lodging, leisure, non-emergency medical and energy sectors. The Company continues working with issuers to provide temporary relief of terms by providing payment deferrals and other modifications where the Company believes it improves its overall position. For additional information on these loan modifications, see Note 3 of the Notes to the Consolidated Financial Statements.

Markets have stabilized from the extreme volatility seen at the outset of the crisis, although issuers continue to be affected by reduced business activity and consumer demand. Volatility in oil prices and reduction in global energy demand continue to adversely impact issuers in the energy sector. Due to the decline in U.S. interest rates, and limitations on the availability of new investments in certain private asset classes such as middle market loans, commercial mortgages and transitional real estate, net investment income may be adversely impacted over time from lower reinvestment rates for fixed maturity investments and lower interest on floating rate assets. Net investment income may not fully reflect activity during the quarter because certain investments, such as private limited partnerships, typically report their results to the Company one to three months following the end of the reporting period. Therefore, the increase in net investment income from these investments in the third quarter reflects to some extent price increases in publicly traded equities during the second quarter. There are a number of factors that impact private limited partnership income, but the Company expects public equity markets to be a favorable driver to this component of net investment income in the fourth quarter, based on the positive performance of leading equity indices during the third quarter, such as the S&P 500 and Russell 2000. The Company continues to make tactical adjustments to its investment portfolios in response to the crisis, and continues to assess its investment strategy and asset allocation to identify additional tactical adjustments that may be necessary due to the continuing recession.

Crisis Management

The Company has crisis command centers set up in Japan and the U.S. These command centers are generally utilized for any type of crisis, including natural disasters and cybersecurity events. The command centers participate in regular updates to the Company's leadership regarding Japan and U.S. government and regulatory actions, operations, employee policies and conditions and distribution status. In addition, capital market, central bank and government stimulus updates are provided, as well as updates on cybersecurity, including with respect to the Company's remote workforce. Moreover, the Company's financial leadership group meets more frequently and has focused on the capital markets, capital and liquidity position, stress testing and any defensive actions that may be necessary as the crisis unfolds.

• Aflac Japan initiatives

In February 2020, Aflac Japan began to implement actions such as working from home, staggered work hours, limitations on the number of personnel attending in-person meetings and restrictions on traveling between buildings and floors in Aflac Japan worksites. On April 7, 2020, the Japan government declared a state of emergency in seven prefectures including Tokyo and Osaka and requested that companies in these prefectures reduce the number of employees coming into the office by 70% or more. Accordingly, Aflac Japan implemented increasing levels of remote working levels for its work force toward the requested level. On April 16, 2020, the state of emergency was expanded nationwide in Japan, and on May 25, 2020, the state of emergency was lifted nationwide. As of September 30, 2020, Aflac Japan has approximately 50% of its workforce working from home. Aflac Japan is evaluating return to the office measures; however, Aflac Japan anticipates that the remote configuration could remain for an indefinite period of time without materially impacting operations.

Aflac Japan has announced several additional actions taken for its employees including travel restrictions and extended paid leave.

Aflac Japan remains focused on generating new business through direct mail made to existing and prospective customers. In addition, Aflac Japan is promoting digital and web-based sales to groups and introduced a new system that enables smartphone-based insurance application by allowing the customer and an Aflac operator to see the same screen through their smartphones. Face-to-face sales have been challenged and are having an impact on sales results. During the third quarter, Aflac Japan experienced a sales decline of 32.0% on a yen basis, compared to the third quarter of 2019, due to the effects of the pandemic. See the Aflac Japan Segment of this MD&A for additional information regarding sales in the Japan Post channel and the strategic alliance with Japan Post.

Aflac Japan has also followed the guidance of the FSA in terms of treating customers with care, ensuring ease and timeliness of claims payments and extended coverage for temporary medical facilities and telemedicine in certain circumstances, and waiver of interest on certain policyholder loans. Aflac Japan initially extended a six-month grace period on premium payments, and in June 2020, the grace period for premiums due through September 30, 2020 was extended to April 30, 2021. Policyholders are required to file for relief through this extension. On April 18, 2020, Aflac Japan announced that it will pay certain accidental death and disability benefits in the event of a death directly caused by COVID-19.

To assist with the COVID-19 pandemic, Aflac Japan has donated ¥500 million to the Japan Medical Associations and to identified municipalities where Aflac Japan has operations.

• Aflac U.S. and Corporate and Other initiatives

The Parent Company and Aflac U.S. began to implement Company mandates including restrictions on travel and in-person meetings applicable to U.S. employees beginning in February 2020 and required work from home directives across their U.S. work force in March 2020. As of September 30, 2020, approximately 95% of employees were working remotely, with 100% of employees working remotely in certain areas including New York City, including all investment employees based in the U.S. The Company currently anticipates that a return to the worksite for U.S. based employees of the Parent Company and Aflac U.S. will be conducted in phases beginning no sooner than early 2021, subject to factors including the availability of treatments and vaccines, the return schedule of school systems and the availability of child care, the number of COVID–19 cases and the COVID–19 replication rate in areas of the U.S. where the Company has significant operations. However, Aflac U.S. anticipates that the remote configuration could remain for an indefinite period of time without materially impacting operations. The Parent Company and Aflac U.S. continue to maintain employee and worksite safety measures including travel restrictions, building access restrictions and in-person meeting restrictions.

Aflac U.S. has announced several actions taken for its employees. These include a commitment to cover the costs of COVID-19 testing and extended paid leave in certain circumstances.

Aflac U.S. is focused on supporting its agency channel, most of whom are small businesses, by offering zero-interest loans and cash stipends in lieu of canceled recognition trips.

Aflac U.S. policy sales, enrollment and agent recruiting functions are highly dependent upon face-to-face interaction between independent agents and brokers with prospective and new customers and agents.

Opportunities for such interaction have been significantly reduced by reactions to the pandemic, such as social distancing, shelter in place orders and work from home initiatives. In addition, licensure of newly recruited agents has been delayed in some states due to the unavailability or difficulty of temporary licenses or online training. Further, despite government stimulus measures, the economic effects of the pandemic on prospective and existing customers is still largely unknown. Similar to Aflac Japan, the Aflac U.S. sales team is working to adjust its sales approach given the reduction in face-to-face sales. Key elements to this approach include realizing sales at the worksite through an enrollment call center, video enrollment through co-browsing and self-enrollment. The traditional agent sales team is also using virtual recruiting and training through video conferencing in order to maintain or increase the recruiting pipeline. The Aflac U.S. broker sales team is focused on product enhancements due to COVID-19 as well as leveraging technology based solutions to drive enrollment. Finally, Aflac U.S. is in its second year of the build-out of the Consumer Markets business for the digital direct-to-consumer sale of insurance and sales made through that platform have continued to grow.

Face-to-face sales have been challenged and are having an impact on sales results. During the three- and nine-month periods ended September 30, 2020, Aflac U.S. experienced a sales decline of 35.7% and 32.7%, respectively, compared to the same respective periods in 2019, reflecting the impacts of the pandemic. The Aflac U.S. benefit ratio decreased in the three-month period ended September 30, 2020, as compared to the same period in 2019; however, the ratio increased in comparison to the second quarter of 2020, which management believes may indicate the beginning of a return to levels seen over the past several years. The Company expanded a previously piloted wellness initiative in the third quarter, using digital and direct account engagement to raise awareness among policyholders as to the availability of valuable wellness benefits. The Company estimates this effort had approximately \$14 million impact on incurred claim in the third quarter.

Aflac U.S. is encouraging policyholders who are displaying COVID-19 symptoms to seek treatment and is paying wellness benefits on applicable policies for COVID-19 tests, when completed claims are submitted. Aflac U.S. is also providing coverage for treatment in temporary facilities and by telemedicine in certain circumstances.

During the first nine months of 2020, Aflac U.S. took steps to comply with COVID-19-related directives issued by state regulatory authorities, including those requiring or requesting premium grace periods. As of September 30, 2020, premium grace periods remained in effect in 13 states. Although aggregate policy lapses decreased from the prior year, Aflac U.S. experienced an increase in policy lapses in the third quarter of 2020 in certain states where premium grace periods expired and government stimulus measures discussed below were not renewed or initiated. If the premium grace periods continue to expire throughout 2020, Aflac U.S. would expect an increase in lapse rates.

In light of the anticipated combined effects of reduced sales and persistency, Aflac U.S. currently expects 2020 earned premium results in the range of flat to a decline of 3% compared with 2019. In September 2020, the Company announced a voluntary separation program for certain U.S. employees. The program provides eligible employees with a severance package, including twelve months of salary, the employee's targeted bonus payout for 2020 and one year of Consolidated Omnibus Budget Reconciliation Act (COBRA) or retiree medical, if eligible. The volunteer period opened on September 15, 2020 and closed October 1, 2020. Employees accepted into this program were notified in October 2020 and the Company expects transitions to be completed by December 31, 2020. The Company expects to take a one-time severance charge related to the program in the fourth quarter of 2020 of approximately \$45 million.

To date, the Parent Company has contributed \$6 million to organizations that are providing assistance for health care workers assisting with the COVID-19 pandemic.

• <u>Major government initiatives</u>

Government authorities in Japan and the U.S. have implemented several initiatives in response to the COVID-19 pandemic, including actions designed to mitigate the adverse health effects of the virus and those designed to provide broad-based relief and economic support to all aspects of the economy.

On April 7, 2020, Prime Minister Abe issued a state of emergency declaration targeting seven prefectures based on the revised Act on Special Measures for Pandemic Influenza and New Infectious Diseases Preparedness and Response. On April 16, 2020, the state of emergency was expanded to all 47 prefectures. The state of emergency was lifted in phases, with 39 prefectures released on May 14, 2020, three additional prefectures released on May 21, and the state of emergency lifted nationwide on May 25. On June 19, 2020, restrictions on intraprefecture travel were lifted. Japanese Prime Minister Shinzo Abe announced his retirement on August 28, 2020. Chief

Cabinet Secretary Yoshihide Suga was elected Liberal Democratic Party President on September 14, 2020 and elected Prime Minister on September 16, 2020. Prime Minister Suga has indicated his intention to further Abe's policies, including efforts to counter the effects of COVID-19.

The Financial Services Agency (FSA) has also requested that financial service providers respond appropriately while continuing their essential operations. This request includes insurance companies, which have been asked to continue essential operations such as benefits and claims payment, including policyholder loans. Moreover, following the expansion of the impact of COVID-19, the FSA requested insurance companies to consider flexible interpretation and application of insurance policy provisions and measures required for products from the standpoint of protecting policyholders. In accordance with the FSA's request, Aflac Life Insurance Japan Ltd. implemented a measure to pay accidental death benefits and accidental serious disability benefits under its accidental death benefit rider, etc. in cases of death or specified serious disabilities from COVID-19.

On April 20, 2020, the Cabinet of Japan approved ¥117 trillion or more than 20% of GDP in emergency stimulus measures, including various tax measures to address the financial difficulties that businesses are facing. The stimulus package includes measures decided earlier in February and March as emergency COVID-19 response and the "Comprehensive Economic Measures to Create a Future with Security and Growth" formulated in December 2019. The package is divided into measures covering two stages of the COVID-19 outbreak: the "emergency support phase," and the "V-shaped recovery phase." The emergency support phase is described as covering until a noticeable slowdown in the spread of COVID-19 and provides cash benefits of ¥100 thousand per person to Japanese citizens and other measures that focus on improvements to the medical service system. The "V-shaped recovery phase" focuses on a campaign to boost demand after the pandemic abates, as well as to reinforce Japan's economic foundations through measures such as supply-chain reforms and promotion of telework.

On May 27, 2020, the Cabinet of Japan approved a second ¥117 trillion stimulus package. The Diet passed a supplementary budget to fund the package on June 12, 2020. The second stimulus package is intended to help small and mid-sized businesses fund leave allowances for furloughed workers and provides rent assistance for business operations.

In the U.S., statewide shelter in place or stay at home orders have been lifted although reopening plans have been paused or reversed in certain states experiencing an increase in cases.

The U.S. government took action in response to the COVID-19 pandemic by providing broad-based relief and economic support to all aspects of the economy.

The Families First Coronavirus Response Act was signed into law on March 18, 2020 with the goal of mitigating the financial impact of the COVID-19 on states, territories, the uninsured, the unemployed, workers and individuals who rely on food assistance, such as children and low-income seniors.

The Coronavirus Aid, Relief, and Economic Security (CARES) Act, was signed into law on March 7, 2020 and was designed to provide approximately \$2 trillion in financial stimulus in the form of financial aid to individuals, businesses, nonprofits, states, and municipalities. Among other measures, the CARES Act provided for \$260 billion in expanded unemployment benefits and \$290 billion of direct payments to individuals, and established a \$349 billion Paycheck Protection Program (PPP) providing for loans to small businesses, nonprofits, and veteran's organizations with 500 or fewer employees. On April 24, 2020, an additional \$320 billion was allocated to the PPP, including \$10 billion for administrative costs and \$60 billion allocated to small lenders and community banks, and on July 4, 2020, the application deadline for the PPP was extended from June 30, 2020 to August 8, 2020. The CARES Act also included a five-year net operating loss (NOL) carryback, payroll tax relief and other significant provisions for businesses. Section 4013 of the CARES Act gives entities temporary relief from the accounting and disclosure requirements for troubled debt restructurings (TDRs) under ASC 310-40 in certain situations. On April 7, 2020, certain regulatory banking agencies, in consultation with the Financial Accounting Standards Board (FASB), issued the *Interagency Statement on Loan Modifications and Reporting for Financial Institutions Working with Customers Affected by the Coronavirus* (Interagency statement) applicable for all entities, which offers practical expedients for evaluating whether loan modifications in response to the COVID-19 pandemic are treated as TDRs. The Company has applied GAAP relief under Section 4013 of the CARES Act and the Interagency statement with respect to certain qualifying loan modifications. See Notes 1 and 3 of Notes to the Consolidated Financial Statements for additional details.

The Federal Reserve has also taken various actions in an effort to support the economy and markets in response to heightened volatility and uncertainty. These actions include reducing by 1.5% each the rate that it charges for direct loans to banks, as well as the target for the rate banks charge each other for overnight funds (federal funds rate); initiating quantitative easing with no stated cap on purchases; committing to purchase U.S. Treasury securities, agency mortgage-backed and agency commercial mortgaged-backed securities; re-establishing the Term Asset-Backed Securities Loan Facility (TALF) originally launched in 2009, through which it will lend to holders of AA-rated asset-backed securities; and establishing facilities to support purchase of corporate bonds from large investment-grade companies.

Performance Highlights

Total revenues were \$5.7 billion in the third quarter of 2020, compared with \$5.5 billion in the third quarter of 2019. Net earnings were \$2.5 billion, or \$3.44 per diluted share in the third quarter of 2020, compared with \$777 million, or \$1.04 per diluted share, in the third quarter of 2019. The increase in net earnings and net earnings per diluted share in the third quarter of 2020 reflects a \$1.4 billion benefit primarily from the release of valuation allowances on deferred foreign tax credits, which were allowed due to newly released U.S. tax regulations.

Total revenues were \$16.2 billion in the first nine months of 2020, compared with \$16.7 billion in the first nine months of 2019. Net earnings were \$3.8 billion, or \$5.31 per diluted share in the first nine months of 2020, compared with \$2.5 billion, or \$3.37 per diluted share, in the first nine months of 2019. The decline in total revenues in the first nine months of 2020 was driven primarily by an increase in net investment losses. The increase in net earnings and net earnings per diluted share in 2020 reflects a \$1.4 billion benefit primarily from the release of valuation allowances on deferred foreign tax credits, which were allowed due to newly released U.S. tax regulations.

Results in the third quarter of 2020 included pretax net investment gains of \$108 million, compared with net investment losses of \$153 million in the third quarter of 2019. Net investment gains in the third quarter of 2020 included \$142 million of gains, reflecting a decline in the allowances associated the Company's estimate of current expected credit losses (CECL); \$48 million of net losses from certain derivative and foreign currency gains or losses; \$12 million of net gains on equity securities; and \$2 million of net gains from sales and redemptions.

Results in the first nine months of 2020 included pretax net investment losses of \$525 million, compared with net investment losses of \$147 million in the first nine months of 2019. Net investment losses in the first nine months of 2020 included \$179 million of credit losses primarily driven by increases in CECL allowances; \$183 million of net losses from certain derivative and foreign currency gains or losses; \$106 million of net losses on equity securities; and \$57 million of net losses from sales and redemptions.

The average yen/dollar exchange rate⁽¹⁾ for the three-month period ended September 30, 2020 was 106.23, or 1.0% stronger than the average yen/dollar exchange rate of 107.31 for the same period in 2019. The average yen/dollar exchange rate⁽¹⁾ for the nine-month period ended September 30, 2020 was 107.63, or 1.4% stronger than the average yen/dollar exchange rate of 109.16 for the same period in 2019.

Adjusted earnings⁽²⁾ in the third quarter of 2020 were \$994 million, or \$1.39 per diluted share, compared with \$863 million, or \$1.16 per diluted share, in the third quarter of 2019, reflecting an increase of 15.2%, driven primarily by favorable effective tax rates. This increase includes a cumulative adjustment of \$202 million, or \$0.28 per share, with respect to the first nine months of 2020, of which \$69 million, or \$0.10 per share, related to the third quarter of 2020. The slightly stronger yen/dollar exchange rate did not have a significant impact on adjusted earnings per diluted share. Adjusted earnings (2) in the first nine months of 2020 were \$2.8 billion, or \$3.88 per diluted share, compared with \$2.6 billion, or \$3.41 per diluted share, in the first nine months of 2019. The stronger yen/dollar exchange rate impacted adjusted earnings per diluted share by \$.02.

Total investments and cash at the end of September 2020 were \$146.1 billion, compared with \$139.5 billion at September 30, 2019. In the first nine months of 2020, Aflac Incorporated repurchased \$1.0 billion, or 26.1 million of its common shares. At the end of September 2020, the Company had 110.9 million remaining shares authorized for repurchase.

Shareholders' equity was \$32.5 billion, or \$46.16 per share, at September 30, 2020, compared with \$29.4 billion, or \$40.04 per share, at September 30, 2019. Shareholders' equity at September 30, 2020 included a net unrealized gain on investment securities and derivatives of \$9.5 billion, compared with a net unrealized gain of \$8.9 billion at September 30, 2019. Shareholders' equity at September 30, 2020 also included an unrealized foreign currency translation loss of \$1.3 billion, compared with an unrealized foreign currency translation loss of \$1.5 billion at September 30, 2019. The

annualized return on average shareholders' equity in the third quarter of 2020 was 31.7%, driven primarily by a benefit from new tax regulations.

Shareholders' equity excluding accumulated other comprehensive income (AOCI)⁽²⁾ (adjusted book value) was \$24.6 billion, or \$34.91 per share at September 30, 2020, compared with \$22.2 billion, or \$30.18 per share, at September 30, 2019. The annualized adjusted return on equity excluding foreign currency impact⁽²⁾ in the third quarter of 2020 was 16.8%.

(1) Yen/U.S. dollar exchange rates are based on the published MUFG Bank, Ltd. telegraphic transfer middle rate (TTM).

RESULTS OF OPERATIONS

The Company earns its revenues principally from insurance premiums and investments. The Company's operating expenses primarily consist of insurance benefits provided and reserves established for anticipated future insurance benefits, general business expenses, commissions and other costs of selling and servicing its products. Profitability for the Company depends principally on its ability to price its insurance products at a level that enables the Company to earn a margin over the costs associated with providing benefits and administering those products. Profitability also depends on, among other items, actuarial and policyholder behavior experience on insurance products, and the Company's ability to attract and retain customer assets, generate and maintain favorable investment results, effectively deploy capital and utilize tax capacity, and manage expenses.

Yen-denominated income statement accounts are translated to U.S. dollars using a weighted average Japanese yen/U.S. dollar foreign exchange rate, except realized gains and losses on security transactions which are translated at the exchange rate on the trade date of each transaction. Yen-denominated balance sheet accounts are translated to U.S. dollars using a spot Japanese yen/U.S. dollar foreign exchange rate.

The following discussion includes references to the Company's performance measures, adjusted earnings, adjusted earnings per diluted share, and amortized hedge costs/income, which are not calculated in accordance with U.S. generally accepted accounting principles (GAAP) (non-U.S. GAAP). These measures exclude items that the Company believes may obscure the underlying fundamentals and trends in the Company's insurance operations because they tend to be driven by general economic conditions and events or related to infrequent activities not directly associated with its insurance operations. The Company's management uses adjusted earnings and adjusted earnings per diluted share to evaluate the financial performance of its insurance operations on a consolidated basis, and the Company believes that a presentation of these measures is vitally important to an understanding of its underlying profitability drivers and trends of its insurance business. The Company believes that amortized hedge costs/income, which are a component of adjusted earnings, measure the periodic currency risk management costs/income related to hedging certain foreign currency exchange risks and are an important component of net investment income.

The Company defines the non-U.S. GAAP financial measures included in this filing as follows:

- Adjusted earnings are the profits derived from operations. The most comparable U.S. GAAP measure is net earnings. Adjusted earnings are adjusted revenues less benefits and adjusted expenses. The adjustments to both revenues and expenses account for certain items that cannot be predicted or that are outside management's control. Adjusted revenues are U.S. GAAP total revenues excluding net investment gains and losses, except for amortized hedge costs/income related to foreign currency exposure management strategies and net interest cash flows from derivatives associated with certain investment strategies. Adjusted expenses are U.S. GAAP total acquisition and operating expenses including the impact of interest cash flows from derivatives associated with notes payable but excluding any nonrecurring or other items not associated with the normal course of the Company's insurance operations and that do not reflect the Company's underlying business performance.
- Adjusted earnings per share (basic or diluted) are adjusted earnings for the period divided by the weighted average outstanding shares (basic or diluted) for the period presented. The most comparable U.S. GAAP measure is net earnings per share.
- Amortized hedge costs/income represent costs/income incurred or recognized as a result of using foreign currency-derivatives to hedge certain
 foreign exchange risks in the Company's Japan segment or in the Corporate and Other segment. These amortized hedge costs/income are estimated
 at the inception of the derivatives based on the specific terms of each contract and are recognized on a straight line basis over the term of the hedge.
 There is no comparable U.S. GAAP financial measure for amortized hedge costs/income.

⁽²⁾ See the Results of Operations section of this MD&A for a definition of this non-U.S. GAAP financial measure.

- Adjusted earnings excluding current period foreign currency impact are computed using the average foreign currency exchange rate for the comparable prior-year period, which eliminates fluctuations driven solely by foreign currency exchange rate changes. The most comparable U.S. GAAP measure is net earnings.
- Adjusted earnings per diluted share excluding current period foreign currency impact are adjusted earnings excluding current period foreign currency impact divided by the weighted average outstanding diluted shares for the period presented. The most comparable U.S. GAAP measure is net earnings per share.
- U.S. dollar-denominated investment income excluding foreign currency impact is determined using the average foreign currency exchange rate for the comparable prior year period.
- Adjusted book value is the U.S. GAAP book value (representing total shareholders' equity), less AOCI as recorded on the U.S. GAAP balance sheet. The Company considers adjusted book value important as it excludes AOCI, which fluctuates due to market movements that are outside management's control.
- Adjusted return on equity (ROE) excluding foreign currency impact is calculated using adjusted earnings excluding current period foreign currency impact divided by average shareholders' equity, excluding AOCI. The most comparable U.S. GAAP financial measure is return on average equity as determined using net earnings and average total shareholders' equity.

The following table is a reconciliation of items impacting adjusted earnings and adjusted earnings per diluted share to the most directly comparable U.S. GAAP measures of net earnings and net earnings per diluted share, respectively.

Reconciliation of Net Earnings to Adjusted Earnings(1)

| | In Mi | llio | ns | | Per Dilut | ed : | Share | In Mil | lio | าร | | Per Dilu | ted | Share |
|---|-------------|------|-----------|------|------------|------|-------|-------------|------|-----------|------|----------|-----|-------|
| | Thr | ee N | Months Er | idec | d Septembe | r 30 |), | Nin | ne N | 1onths Er | nded | Septembe | , | |
| | 2020 | | 2019 | | 2020 | | 2019 | 2020 | | 2019 | | 2020 | | 2019 |
| Net earnings | \$ 2,456 | \$ | 777 | \$ | 3.44 | \$ | 1.04 | \$ 3,826 | \$ | 2,523 | \$ | 5.31 | \$ | 3.37 |
| Items impacting net earnings: | | | | | | | | | | | | | | |
| Net investment (gains) losses ^{(2),(3),(4)} ,(5) | (117) | | 119 | | (.16) | | .16 | 497 | | 49 | | .69 | | .07 |
| Other and non-recurring (income) loss | 1 | | 0 | | .00 | | .00 | 16 | | 1 | | .02 | | .00 |
| Income tax (benefit) expense on items excluded from adjusted earnings | 72 | | (33) | | .10 | | (.04) | (125) | | (15) | | (.17) | | (.02) |
| Tax valuation allowance release ⁽⁶⁾ | (1,418) | | 0 | | (1.99) | | .00 | (1,418) | | 0 | | (1.97) | | .00 |
| Adjusted earnings | 994 | | 863 | | 1.39 | | 1.16 | 2,797 | | 2,558 | | 3.88 | | 3.41 |
| Current period foreign currency impact (7) | (3) | | N/A | | .00 | | N/A | (17) | | N/A | | (.02) | | N/A |
| Adjusted earnings excluding current period foreign currency impact | \$ 991 | \$ | 863 | \$ | 1.39 | \$ | 1.16 | \$ 2,780 | \$ | 2,558 | \$ | 3.86 | \$ | 3.41 |

⁽¹⁾ Amounts may not foot due to rounding.

Reconciling Items

Net Investment Gains and Losses

The Company's investment strategy is to invest primarily in fixed maturity securities to provide a reliable stream of investment income, which is one of the drivers of the Company's growth and profitability. This investment strategy incorporates asset-liability matching (ALM) to align the expected cash flows of the portfolio to the needs of the Company's liability structure. The Company does not purchase securities with the intent of generating investment gains or losses. However, investment gains and losses may be realized as a result of changes in the financial markets and the creditworthiness of specific issuers, tax planning strategies, and/or general portfolio management and rebalancing. The realization of investment gains and losses is independent of the underwriting and administration of the Company's insurance products. Net investment gains and losses include securities transactions, credit losses, derivative and foreign currency activities and changes in fair value of equity securities.

⁽²⁾ Amortized hedge costs of \$51 and \$66 for the three-month periods and \$155 and \$191 for the nine-month periods ended September 30, 2020, and 2019, respectively, related to certain foreign currency exposure management strategies have been reclassified from net investment gains (losses) and included in adjusted earnings as a decrease to net investment income. See "Hedge Costs/Income" discussion below for further information.

⁽³⁾ Amortized hedge income of \$22 and \$21 for the three-month periods and \$78 and \$61 for the nine-month periods ended September 30, 2020 and 2019, respectively, related to certain foreign currency exposure management strategies have been reclassified from net investment gains (losses) and included in adjusted earnings as an increase to net investment income. See "Hedge Costs/Income" discussion below for further information.

⁽⁴⁾ Net interest cash flows from derivatives associated with certain investment strategies of \$7 and \$(4) for the three-month periods and \$7 and \$(18) for the nine-month periods ended September 30, 2020 and 2019, respectively, have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of net investment income.
(5) A gain of \$13 and \$16 for the three-month periods and \$43 and \$50 for the nine-month periods ended September 30, 2020 and 2019, respectively, related to the

⁽⁵⁾ A gain of \$13 and \$16 for the three-month periods and \$43 and \$50 for the nine-month periods ended September 30, 2020 and 2019, respectively, related to the interest rate component of the change in fair value of foreign currency swaps on notes payable have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of interest expense.

⁽⁶⁾ One-time tax benefit recognized in the third quarter of 2020 representing the release of valuation allowances on deferred foreign tax credits due to new tax regulations.

⁽⁷⁾ Prior period foreign currency impact reflected as "N/A" to isolate change for current period only.

Securities Transactions, Credit Losses and Gains (Losses) on Equity Securities

Securities transactions include gains and losses from sales and redemptions of investments where the amount received is different from the amortized cost of the investment. Prior to January 1, 2020, impairments include other-than-temporary-impairment losses on investment securities as well as changes in loan loss reserves for loan receivables. Effective January 1, 2020, credit losses include losses for held-to-maturity fixed maturity securities, available-for-sale fixed maturity securities, loan receivables, loan commitments and reinsurance recoverables.

Certain Derivative and Foreign Currency Gains (Losses)

The Company's derivative activities include:

- · foreign currency forwards and options used in hedging foreign exchange risk on U.S. dollar-denominated investments in Aflac Japan's portfolio
- foreign currency forwards and options used to economically hedge certain portions of forecasted cash flows denominated in yen and hedge the Company's long term exposure to a weakening yen
- · cross-currency interest rate swaps, also referred to as foreign currency swaps, associated with certain senior notes and subordinated debentures
- foreign currency swaps that are associated with VIE bond purchase commitments, and investments in special-purpose entities, including VIEs where the Company is the primary beneficiary
- · interest rate swaps used to economically hedge interest rate fluctuations in certain variable-rate investments
- interest rate swaptions used to hedge changes in the fair value associated with interest rate fluctuations for certain U.S. dollar-denominated availablefor-sale fixed-maturity securities.
- · bond purchase commitments at the inception of investments in consolidated VIEs

Gains and losses are recognized as a result of valuing these derivatives, net of the effects of hedge accounting. The Company also excludes from adjusted earnings the accounting impacts of remeasurement associated with changes in the foreign currency exchange rate. Amortized hedge costs/ income related to certain foreign currency exposure management strategies (see Amortized Hedge Cost/Income section below), and net interest cash flows from derivatives associated with certain investment strategies and notes payable are reclassified from net investment gains (losses) and included in adjusted earnings.

Amortized hedge costs/income can fluctuate based upon many factors, including the derivative notional amount, the length of time of the derivative contract, changes in both U.S. and Japan interest rates, and supply and demand for dollar funding. Amortized hedge costs and income have fluctuated in recent periods due to changes in the previously mentioned factors. For additional information regarding foreign currency hedging, refer to Hedging Activities in the Investments section of this MD&A.

For additional information regarding net investment gains and losses, including details of reported amounts for the periods presented, see Notes 3 and 4 of the Notes to the Consolidated Financial Statements.

Other and Non-recurring Items

The U.S. insurance industry has a policyholder protection system that provides funds for the policyholders of insolvent insurers. The system can result in periodic charges to the Company as a result of insolvencies/bankruptcies that occur with other companies in the life insurance industry. Some states permit member insurers to recover assessments paid through full or partial premium tax offsets. These charges neither relate to the ordinary course of the Company's business nor reflect the Company's underlying business performance, but result from external situations not controlled by the Company. The Company excludes any charges associated with U.S. guaranty fund assessments and the corresponding tax benefit or expense from adjusted earnings.

In Japan, the government also requires the insurance industry to contribute to a policyholder protection corporation that provides funds for the policyholders of insolvent insurers; however, these costs are calculated and administered differently than in the U.S. In Japan, these costs are not directly related to specific insolvencies or bankruptcies, but are rather a

regular operational cost for an insurance company. Based on this structure, the Company does not remove the Japan policyholder protection expenses from adjusted earnings.

Income Taxes

The Company's combined U.S. and Japanese effective income tax rate on pretax earnings was (112.9)% for the three-month period ended September 30, 2020, compared with 25.0% for the same period in 2019. The Company's combined U.S. and Japanese effective income tax rate on pretax earnings was (30.0)% for the nine-month period ended September 30, 2020, compared with 25.5% for the same period in 2019. In 2020, the combined effective tax rate differs from the U.S. statutory rate primarily due to the release of certain valuation allowances established on the Company's deferred foreign tax credit benefits. The release of these valuation allowances was a result of the issuance of Final and Proposed Regulations issued by the U.S. Treasury and Internal Revenue Service on September 29, 2020, and resulted in a one-time income tax benefit of \$1.4 billion in the third quarter of 2020. For additional information, see Note 9 of the accompanying Notes to the Consolidated Financial Statements and the Critical Accounting Estimates - Income Taxes section of the MD&A in the 2019 Annual Report.

The Company expects that its effective tax rate for future periods will be approximately 20%. The effective tax rate continues to be subject to future tax law changes both in the U.S. and in foreign jurisdictions. See risk factor entitled "Tax rates applicable to the Company may change" in the 2019 Annual Report for more information.

Foreign Currency Translation

Aflac Japan's premiums and a significant portion of its investment income are received in yen, and its claims and most expenses are paid in yen. Aflac Japan purchases yen-denominated assets and U.S. dollar-denominated assets, which may be hedged to yen, to support yen-denominated policy liabilities. These and other yen-denominated financial statement items are, however, translated into dollars for financial reporting purposes. The Company translates Aflac Japan's yen-denominated income statement into dollars using the average exchange rate for the reporting period, and the Company translates its yen-denominated balance sheet using the exchange rate at the end of the period.

Due to the size of Aflac Japan, whose functional currency is the Japanese yen, fluctuations in the yen/dollar exchange rate can have a significant effect on the Company's reported results. In periods when the yen weakens, translating yen into dollars results in fewer dollars being reported. When the yen strengthens, translating yen into dollars results in more dollars being reported. Consequently, yen weakening has the effect of suppressing current period results in relation to the comparable prior period, while yen strengthening has the effect of magnifying current period results in relation to the company's financial performance both including and excluding the impact of foreign currency translation to monitor, respectively, cumulative currency impacts on book value and the currency-neutral operating performance over time.

RESULTS OF OPERATIONS BY SEGMENT

U.S. GAAP financial reporting requires that a company report financial and descriptive information about operating segments in its annual and interim period financial statements. Furthermore, the Company is required to report a measure of segment profit or loss, certain revenue and expense items, and segment assets. Aflac's insurance business consists of two segments: Aflac Japan and Aflac U.S. Aflac Japan is the principal contributor to consolidated earnings. Businesses that are not individually reportable, such as the Parent Company, and asset management subsidiaries and other business activities, including reinsurance retrocession activities, are included in the Corporate and other segment. See the Item 1. Business section of the 2019 Annual Report for a summary of each segment's products and distribution channels.

During the third quarter, Aflac Japan sales for protection-type first sector and third sector products decreased 32.8% and total sales decreased 32.0% on a yen basis, compared to the same period in 2019, primarily due to continued effects of the COVID-19 pandemic. Sales from Aflac U.S. were down 35.7% in the third quarter of 2020, compared to the same period in 2019, due to social distancing efforts, which eliminated face-to-face sales opportunities beginning in mid-March 2020. The respective Aflac Japan and Aflac U.S. platforms and distribution partners continue to work to adapt to the new environment. The Company continues to monitor the effects of COVID-19 on its operating results and has taken several steps to mobilize its resources to ensure adequate liquidity, a strong capital position, business continuity and employee safety during this pandemic. See the Executive Summary subsection of this MD&A for additional information.

Consistent with U.S. GAAP guidance for segment reporting, pretax adjusted earnings is the Company's U.S. GAAP measure of segment performance. The Company believes that a presentation of this measure is vitally important to an understanding of the underlying profitability drivers and trends of its business. Additional performance measures used to evaluate the financial condition and performance of the Company's segments are listed below.

- operating ratios expense ratio
- new annualized premium sales
- new money yield
- return on average invested assets
- average weekly producer

For additional information on the Company's performance measures included in this MD&A, see the Glossary of Selected Terms found directly following Part II. Other Information. See Note 2 of the Notes to the Consolidated Financial Statements for the reconciliation of segment results to the Company's consolidated U.S. GAAP results and additional information.

AFLAC JAPAN SEGMENT

Aflac Japan Pretax Adjusted Earnings

Changes in Aflac Japan's pretax adjusted earnings and profit margins are primarily affected by morbidity, mortality, expenses, persistency and investment yields. The following table presents a summary of operating results for Aflac Japan.

Aflac Japan Summary of Operating Results

| | Three Months Ended September 30, | | | | | onths Ended tember 30, | | |
|--|-------------------------------------|--------|----|--------|-------------|---------------------------|--------|--|
| (In millions) | | 2020 | | 2019 | 2020 | | 2019 | |
| Net premium income | \$ | 3,168 | \$ | 3,241 | \$ 9,476 | \$ | 9,593 | |
| Net investment income: (1) | | | | | | | | |
| Yen-denominated investment income | | 331 | | 357 | 972 | | 986 | |
| U.S. dollar-denominated investment income | | 383 | | 368 | 1,122 | | 1,083 | |
| Net investment income | | 714 | | 725 | 2,094 | | 2,069 | |
| Amortized hedge costs related to certain foreign currency exposure management strategies | | 51 | | 66 | 155 | | 191 | |
| Adjusted net investment income | | 663 | | 659 | 1,939 | | 1,878 | |
| Other income (loss) | | 11 | | 12 | 32 | | 34 | |
| Total adjusted revenues | | 3,842 | | 3,912 | 11,447 | | 11,505 | |
| Benefits and claims, net | | 2,259 | | 2,268 | 6,651 | | 6,652 | |
| Adjusted expenses: | | | | | | | | |
| Amortization of deferred policy acquisition costs | | 151 | | 179 | 479 | | 538 | |
| Insurance commissions | | 185 | | 185 | 553 | | 546 | |
| Insurance and other expenses | | 500 | | 442 | 1,323 | | 1,265 | |
| Total adjusted expenses | | 835 | | 806 | 2,355 | | 2,349 | |
| Total benefits and adjusted expenses | | 3,094 | | 3,074 | 9,006 | | 9,001 | |
| Pretax adjusted earnings | \$ | 747 | \$ | 838 | \$ 2,442 | \$ | 2,504 | |
| Weighted-average yen/dollar exchange rate | | 106.23 | | 107.31 | 107.63 | | 109.16 | |

| | | In Dolla | ars | | | In Ye | n | | |
|--------------------------------|-------------------------|----------|------------------------|-------|-------------------------|--------|------------------------------------|--------|--|
| Percentage change over | Three Month Septembe | | Nine Month: Septemb | | Three Month Septembe | | Nine Months Ended September 30, | | |
| previous period: | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | |
| Net premium income | (2.3)% | 2.6 % | (1.2)% | (.6)% | (3.3)% | (1.2)% | (2.6)% | (1.0)% | |
| Adjusted net investment income | .6 | 8.7 | 3.2 | 4.3 | (.2) | 4.0 | 1.9 | 3.4 | |
| Total adjusted revenues | (1.8) | 3.6 | (.5) | .2 | (2.8) | (.3) | (1.9) | (.3) | |
| Pretax adjusted earnings | (10.9) | 10.8 | (2.5) | 3.9 | (11.6) | 6.1 | (3.8) | 3.2 | |

⁽¹⁾ Net interest cash flows from derivatives associated with certain investment strategies of \$6 and \$(4) for the three-month periods and \$5 and \$(18) for the nine-month periods ended September 30, 2020 and 2019, respectively, have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of net investment income.

In the three- and nine-month periods ended September 30, 2020, Aflac Japan's net premium income decreased, in yen terms, primarily due to an anticipated decrease in first sector premiums as savings products reached premium paid-up status. Adjusted net investment income increased in the nine-month period ended September 30, 2020, primarily due to higher income from U.S. dollar denominated assets and lower hedge costs.

Annualized premiums in force decreased .5% to ¥1.44 trillion as of September 30, 2020, compared with ¥1.50 trillion as of September 30, 2019. The decrease in annualized premiums in force in yen was driven primarily by limited-pay products reaching paid up status. Annualized premiums in force, translated into dollars at respective period-end exchange rates, were \$13.6 billion at September 30, 2020, compared with \$13.9 billion at year ago.

Aflac Japan's investment portfolios include U.S. dollar-denominated securities and reverse-dual currency securities (yen-denominated debt securities with dollar coupon payments). In years when the yen strengthens in relation to the dollar,

translating Aflac Japan's U.S. dollar-denominated investment income into yen lowers growth rates for net investment income, total adjusted revenues, and pretax adjusted earnings in yen terms. In years when the yen weakens, translating U.S. dollar-denominated investment income into yen magnifies growth rates for net investment income, total adjusted revenues, and pretax adjusted earnings in yen terms.

The following table illustrates the effect of translating Aflac Japan's U.S. dollar-denominated investment income and related items into yen by comparing certain segment results with those that would have been reported had foreign currency exchange rates remained unchanged from the comparable period in the prior year. Amounts excluding foreign currency impact on U.S. dollar denominated investment income were determined using the average foreign currency exchange rate for the comparable prior year period. See non-U.S. GAAP financial measures defined above.

Aflac Japan Percentage Changes Over Previous Period (Yen Operating Results)

For the Periods Ended September 30,

| | | Including For Currency Ch | | | | | | | | |
|--------------------------------|-----------|---------------------------|--------|---------|----------|-------|--------|--------|--|--|
| | Three Mon | ths | Nine N | /lonths | Three Mo | onths | Nine I | Months | | |
| | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | | |
| Adjusted net investment income | (.2) % | 4.0 % | 1.9 % | 3.4 % | .4 % | 6.1 % | 2.8 | 3.6 % | | |
| Total adjusted revenues | (2.8) | (.3) | (1.9) | (.3) | (2.7) | .0 | (1.8) | (.2) | | |
| Pretax adjusted earnings | (11.6) | 6.1 | (3.8) | 3.2 | (11.1) | 7.8 | (3.2) | 3.4 | | |

The following table presents a summary of operating ratios in yen terms for Aflac Japan.

| | Three Months September | | Nine Months Ended September 30, | | | | |
|---|---------------------------|--------|------------------------------------|--------|--|--|--|
| Ratios to total adjusted revenues: | 2020 | 2019 | 2020 | 2019 | | | |
| Benefits and claims, net | 58.8 % | 58.0 % | 58.1 % | 57.8 % | | | |
| Adjusted expenses: | | | | | | | |
| Amortization of deferred policy acquisition costs | 3.9 | 4.6 | 4.2 | 4.7 | | | |
| Insurance commissions | 4.8 | 4.7 | 4.8 | 4.8 | | | |
| Insurance and other expenses | 13.0 | 11.3 | 11.5 | 11.0 | | | |
| Total adjusted expenses | 21.7 | 20.6 | 20.6 | 20.4 | | | |
| Pretax adjusted earnings | 19.4 | 21.4 | 21.3 | 21.7 | | | |
| Ratios to total premiums: | | | | | | | |
| Benefits and claims, net | 71.3 % | 70.0 % | 70.2 % | 69.3 % | | | |
| Adjusted expenses: | | | | | | | |
| Amortization of deferred policy acquisition costs | 4.8 | 5.5 | 5.1 5.6 | | | | |

In the three- and nine-month periods ended September 30, 2020, the benefit ratio increased, compared with the same periods in the prior year. This is primarily due to higher persistency, resulting in an increase in future policy benefit reserves, partially offset by the continued change in mix of first and third sector business as first sector products become paid-up. In the three- and nine-month periods ended September 30, 2020, the adjusted expense ratio increased mainly due to the decrease in total revenues and an increase in expenses related to the paperless and COVID-19 initiatives, which include the expansion of and enhancements to virtual desktops and telework terminals to support a remote workforce, partially offset by lower DAC amortization due to higher persistency. In total, the pretax adjusted profit margin decreased in the three- and nine-month periods ended September 30, 2020. For the full year of 2020, the Company will continue to monitor the situation with respect to COVID-19, and potential impacts on the pretax adjusted profit margin and benefit ratio.

Aflac Japan Sales

The following table presents Aflac Japan's new annualized premium sales for the periods ended September 30.

| | | | In D | Olla | ars | | | In Yen | | | | | | | |
|--|-----------|-----|---------|------|---------|-----|---------|--------|---------|-----|------------------|---|---------|------|---------|
| | Three | Mor | nths | | Nine | Mor | nths | | Three | Mor | nths | | Nine | Mont | :hs |
| (In millions of dollars and billions of yen) | 2020 | | 2019 | | 2020 | | 2019 | | 2020 | | 2019 | | 2020 | | 2019 |
| New annualized premium sales | \$ 119 | \$ | 172 | \$ | 339 | \$ | 560 | ¥ | 12.6 | ¥ | 18.5 | ¥ | 36.4 | ¥ | 61.2 |
| Increase (decrease) over prior period | (31.0)% | | (18.7)% | | (39.5)% |) | (14.4)% | | (32.0)% | • | $(21.5)^{\circ}$ | % | (40.4)% | Ď | (14.7)% |

The following table details the contributions to Aflac Japan's new annualized premium sales by major insurance product for the periods ended September 30.

| | Three Mo | onths | Nine Mo | nths |
|-------------------------|----------|---------|---------|---------|
| | 2020 | 2019 | 2020 | 2019 |
| Cancer | 55.7 % | 52.2 % | 55.3 % | 59.5 % |
| Medical | 32.0 | 37.5 | 32.3 | 30.9 |
| Income support | .9 | 1.2 | 1.0 | 1.2 |
| Ordinary life: | | | | |
| WAYS | .8 | .5 | .7 | .5 |
| Child endowment | .4 | .3 | .4 | .2 |
| Other ordinary life (1) | 9.6 | 7.8 | 9.6 | 7.2 |
| Other | .6 | .5 | .7 | .5 |
| Total | 100.0 % | 100.0 % | 100.0 % | 100.0 % |

⁽¹⁾ Includes term and whole life

The foundation of Aflac Japan's product portfolio has been, and continues to be, third sector products, which include cancer, medical and income support insurance products. Aflac Japan has been focusing more on promotion of cancer and medical insurance products in this low-interest-rate environment. These products are less interest-rate sensitive and more profitable compared to first sector savings products. With continued cost pressure on Japan's health care system, the Company expects the need for third sector products will continue to rise in the future and that the medical and cancer insurance products Aflac Japan provides will continue to be an important part of its product portfolio.

Sales of protection-type first sector and third sector products on a yen basis decreased 32.8% in the third quarter of 2020, compared with the same respective period in 2019. The decline in sales primarily reflects the impact of the COVID-19 pandemic.

Sales of Aflac Japan cancer products in the Japan Post Group channel experienced a material decline beginning in August 2019 which has continued into 2020. For additional information, see the risk factor entitled "Events related to the ongoing Japan Post investigation and other matters regarding sales of Japan Post Insurance products could negatively impact the Company's sales and results of operations, "in Part II, Item 1A. of the Company's Quarterly Report on Form 10-Q for the period ended March 31, 2020. Aflac Japan experienced a sharp drop-off in total sales, beginning in the second quarter and continuing into the third quarter, due to the effects of the COVID-19 pandemic and continuing effects of the Japan Post investigation.

Independent corporate agencies and individual agencies contributed 51.7% of total new annualized premium sales for Aflac Japan in the third quarter of 2020, compared with 48.1% for the same period in 2019. Affiliated corporate agencies, which include Japan Post, contributed 41.4% of total new annualized premium sales in the third quarter of 2020, compared with 46.3% in the third quarter of 2019. Japan Post offers Aflac's cancer insurance products in more than 20,000 postal outlets. Notwithstanding the recent reduction in sales of Aflac Japan's cancer products in the Japan Post channel, the Company believes this alliance with Japan Post has and will benefit its cancer insurance sales over the long term. During the three-month period ended September 30, 2020, Aflac Japan recruited 19 new sales agencies. At September 30, 2020, Aflac Japan was represented by more than 8,600 sales agencies, with more than 111,000 licensed sales associates employed by those agencies.

At September 30, 2020, Aflac Japan had agreements to sell its products at 364 banks, approximately 90% of the total number of banks in Japan. Bank channel sales accounted for 6.9% of new annualized premium sales for Aflac Japan in the third quarter of 2020, compared with 5.6% in the third quarter of 2019

Strategic Alliance with Japan Post Holdings

On December 19, 2018, the Parent Company and Aflac Japan entered into a Basic Agreement with Japan Post Holdings a Japanese corporation. Pursuant to the terms of the Basic Agreement, Japan Post Holdings agreed to form a capital relationship with the Parent Company, and Japan Post Holdings and Aflac Japan agreed to reconfirm existing initiatives regarding cancer insurance and to consider new joint initiatives, including leveraging digital technology in various processes, cooperation in new product development to promote customer-centric business management, cooperation in domestic and/or overseas business expansion and joint investment in third party entities and cooperation regarding asset management.

On February 28, 2019, the Parent Company entered a Shareholders Agreement with Japan Post Holdings, J&A Alliance Holdings Corporation, a Delaware corporation, solely in its capacity as trustee of J&A Alliance Trust, a New York voting trust (Trust), and General Incorporated Association J&A Alliance, a Japanese general incorporated association. Pursuant to the Shareholders Agreement, Japan Post Holdings agreed to cause the Trust to use commercially reasonable efforts to acquire, through open market or private block purchases in the U.S., beneficial ownership of approximately 7% of the Common Stock in connection with the Basic Agreement. According to a Schedule 13G/A filed by Japan Post Holdings with the SEC on January 8, 2020, the Trust had beneficially acquired 6.47% of the outstanding Common Shares as of December 31, 2019. Japan Post Holdings is the sole beneficiary of the Trust. According to a press release by Japan Post Holdings on February 14, 2020, the Trust had completed the planned beneficial acquisition of approximately 7% of the outstanding Common Shares as of February 13, 2020.

On May 1, 2020, the Parent Company filed a registration statement on Form S-3 that registered the sale of its common stock from time to time by J&A Alliance Holdings Corporation in its capacity as trustee of the Trust. The filing was made strictly pursuant to a contractual requirement contained in the Shareholders Agreement. Notwithstanding the contractual commitment and filing of the Form S-3, the Trust continues to be subject to a lockup period for a period expiring four years after the Trust acquired 7% of the Parent Company's outstanding shares, under the terms of the Shareholders Agreement.

The Trust has agreed not to own more than 10% of the Parent Company's outstanding shares for a period expiring four years after the Trust acquired 7% of such shares, five years after it acquires 5% of such shares, or ten years after the Trust begins acquiring the Parent Company's stock. After expiration of such period, the Trust has agreed not to own more than the greater of 10% of the Parent Company's outstanding shares or such shares representing 22.5% of the voting rights in the Parent Company.

In light of the fact that the shares acquired by the Trust, like all Aflac Incorporated common shares, will be eligible for 10-for-1 voting rights after being held for 48 consecutive months, the Shareholders Agreement further provides for voting restrictions that effectively limit the trustee's voting rights to no more than 20% of the voting rights in the Parent Company and further restrict the trustee's voting rights with respect to certain change in control transactions. Japan Post Holdings will not have a Board seat on the Parent Company's Board of Directors and will not have rights to control, manage or intervene in the management of the Parent Company.

As of December 31, 2019, all regulatory approvals expressly set forth in the Shareholders Agreement have been obtained. The Shareholders Agreement requires the parties to use reasonable best efforts to cooperate in connection with any ongoing regulatory matters related to or arising from the Trust's acquisition or ownership or control of the shares of Company Common Stock, including any applications or filings in connection with a direct or indirect acquisition of control of or merger with an insurer by the Company or its affiliates. The foregoing is subject to and qualified in its entirety by reference to the full text of the Shareholders Agreement, a copy of which is attached as Exhibit 10.50 to the Company's Quarterly Report on Form 10-Q filed April 26, 2019, and the terms of which exhibit are incorporated herein by reference.

Aflac Japan Investments

The level of investment income in yen is affected by available cash flow from operations, the timing of investing the cash flow, yields on new investments, the effect of yen/dollar exchange rates on U.S. dollar-denominated investment income, and other factors.

As part of the Company's portfolio management and asset allocation process, Aflac Japan invests in yen and U.S. dollar-denominated investments. Yendenominated investments primarily consist of JGBs and public and private fixed maturity securities. Aflac Japan's U.S. dollar-denominated investments include fixed maturity investments and growth assets, including public equity securities and alternative investments in limited partnerships or similar investment vehicles. Aflac Japan has been investing in both publicly-traded and privately originated U.S. dollar-denominated investment-grade and below-investment-grade fixed maturity securities and loan receivables, and has entered into foreign currency forwards and options to hedge the currency risk on the fair value of a portion of the U.S. dollar investments.

The following table details the investment purchases for Aflac Japan.

| | Three Mo Septen | | Nine Mor Septer | nths Er mber 30 | |
|--------------------------------------|--------------------|-------------|--------------------|--------------------|-------|
| (In millions) | 2020 | 2019 | 2020 | | 2019 |
| Yen-denominated: | | | | | |
| Fixed maturity securities: | | | | | |
| Japan government and agencies | \$ 94 | \$ 0 | \$ 830 | \$ | 583 |
| Private placements | 154 | 92 | 267 | | 985 |
| Other fixed maturity securities | 45 | 168 | 316 | | 524 |
| Equity securities | 121 | 79 | 263 | | 199 |
| Total yen-denominated | \$ 414 | \$ 339 | \$ 1,676 | \$ | 2,291 |
| U.S. dollar-denominated: | | | | | |
| Fixed maturity securities: | | | | | |
| Other fixed maturity securities | \$ 314 | \$ 738 | \$ 1,231 | \$ | 2,260 |
| Infrastructure debt | 0 | 10 | 55 | | 20 |
| Collateralized Ioan obligations | 99 | 0 | 99 | | 0 |
| Equity securities | 0 | 29 | 0 | | 58 |
| Commercial mortgage and other loans: | | | | | |
| Transitional real estate loans | 152 | 398 | 617 | | 1,069 |
| Commercial mortgage loans | 0 | 197 | 12 | | 235 |
| Middle market loans | 238 | 274 | 1,665 | | 962 |
| Other investments | 60 | 19 | 158 | | 92 |
| Total dollar-denominated | \$ 863 | \$ 1,665 | \$ 3,837 | \$ | 4,696 |
| Total Aflac Japan purchases | \$ 1,277 | \$ 2,004 | \$ 5,513 | \$ | 6,987 |

See the Investments section of this MD&A for further discussion of these investment programs, and see Notes 3 and 4 of the Notes to the Consolidated Financial Statements and Notes 1, 3 and 4 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report for more information regarding loans and loan receivables.

The following table presents the results of Aflac Japan's investment yields for the periods ended September 30.

| | Th | ree Mon | ths | | Nine | Months | | |
|--|-------------|---------|-------|----|-------|--------|-------|---|
| | 2020 | | 2019 | | 2020 | | 2019 | |
| Total purchases for the period (in millions) (1) | \$ 1,217 | \$ | 1,985 | \$ | 5,355 | \$ | 6,895 | |
| New money yield (1), (2) | 3.14 | % | 3.98 | % | 3.73 | % | 3.64 | % |
| Return on average invested assets (3) | 2.35 | | 2.40 | | 2.33 | | 2.34 | |
| Portfolio book yield, including U.S. dollar-denominated investments, end of period (1) | 2.62 | % | 2.62 | % | 2.62 | % | 2.62 | % |

⁽¹⁾ Includes fixed maturity securities, commercial mortgage and other loans, equity securities, and excludes alternative investments in limited partnerships

The decrease in the Aflac Japan new money yield in the three-month period ended September 30, 2020 was primarily due to lower U.S. interest rates. The increase in the Aflac Japan new money yield in the nine-month period ended September 30, 2020 was primarily due to increased allocations to higher yielding floating rate asset classes.

See Notes 3, 4 and 5 of the Notes to the Consolidated Financial Statements and the Investments section of this MD&A for additional information on the Company's investments and hedging strategies.

⁽²⁾ Reported on a gross yield basis, excludes investment expenses, external management fees, and amortized hedge costs

⁽³⁾ Net of investment expenses and amortized hedge costs, year-to-date number reflected on a quarterly average basis

AFLAC U.S. SEGMENT

Aflac U.S. Pretax Adjusted Earnings

Changes in Aflac U.S. pretax adjusted earnings and profit margins are primarily affected by morbidity, mortality, expenses, persistency and investment yields. The following table presents a summary of operating results for Aflac U.S.

Aflac U.S. Summary of Operating Results

| | Three Mo Septe | Nine Mont Septen | | | | |
|---|-------------------|---------------------|-------|-------------|----|-------|
| (In millions) | 2020 | | 2019 | 2020 | | 2019 |
| Net premium income | \$ 1,407 | \$ | 1,445 | \$ 4,348 | \$ | 4,365 |
| Net investment income (1) | 175 | | 183 | 523 | | 540 |
| Other income | 24 | | 2 | 78 | | 6 |
| Total adjusted revenues | 1,606 | | 1,630 | 4,949 | | 4,911 |
| Benefits and claims | 679 | | 710 | 2,038 | | 2,162 |
| Adjusted expenses: | | | | | | |
| Amortization of deferred policy acquisition costs | 141 | | 139 | 435 | | 429 |
| Insurance commissions | 140 | | 145 | 439 | | 444 |
| Insurance and other expenses | 316 | | 301 | 955 | | 880 |
| Total adjusted expenses | 597 | | 585 | 1,829 | | 1,753 |
| Total benefits and adjusted expenses | 1,277 | | 1,295 | 3,867 | | 3,915 |
| Pretax adjusted earnings | \$ 329 | \$ | 335 | \$ 1,082 | \$ | 996 |
| Percentage change over previous period: | | | | | | |
| Net premium income | (2.6) | % | 1.3 % | (.4) % |) | 2.0 % |
| Net investment income | (4.4) | | (2.1) | (3.1) | | (.7) |
| Total adjusted revenues | (1.5) | | 0.9 | .8 | | 1.7 |
| Pretax adjusted earnings | (1.8) | | .3 | 8.6 | | (1.5) |

⁽¹⁾ Net interest cash flows from derivatives associated with certain investment strategies of \$1 for the three-month period and \$2 for the nine-month period ended September 30, 2020, respectively, have been reclassified from net investment gains (losses) and included in adjusted earnings as a component of net investment income.

Annualized premiums in force decreased 2.9% to \$6.0 billion at September 30, 2020, compared with \$6.1 billion at September 30, 2019. Net investment income decreased primarily due to the lower interest rate environment and ongoing capital management activity.

The following table presents a summary of operating ratios for Aflac U.S.

| | Three Months September | | Nine Months Ended September 30, | | |
|---|---------------------------|--------|------------------------------------|--------|--|
| Ratios to total adjusted revenues: | 2020 | 2019 | 2020 | 2019 | |
| Benefits and claims | 42.3 % | 43.6 % | 41.2 % | 44.0 % | |
| Adjusted expenses: | | | | | |
| Amortization of deferred policy acquisition costs | 8.8 | 8.5 | 8.8 | 8.7 | |
| Insurance commissions | 8.7 | 8.9 | 8.9 | 9.0 | |
| Insurance and other expenses | 19.7 | 18.5 | 19.3 | 17.9 | |
| Total adjusted expenses | 37.2 | 35.9 | 37.0 | 35.7 | |
| Pretax adjusted earnings | 20.5 | 20.6 | 21.9 | 20.3 | |
| Ratios to total premiums: | | | | | |
| Benefits and claims | 48.3 % | 49.1 % | 46.9 % | 49.5 % | |
| Adjusted expenses: | | | | | |
| Amortization of deferred policy acquisition costs | 10.0 | 9.6 | 10.0 | 9.8 | |

For the three-month period ended September 30, 2020, the benefit ratio decreased compared with the same period in 2019; however, the ratio increased in comparison to the second quarter of 2020, which management believes may indicate the beginning of a return to levels seen over the past several years. For the nine-month period ended September 30, 2020, the benefit ratio decreased compared with the same period in 2019, reflecting reduced accidents, wellness medical visits and routine procedures due to shelter-in-place orders and heightened social distancing due to COVID-19. The adjusted expense ratio increased in the three- and nine-month periods ended September 30, 2020, when compared with the same periods in 2019, primarily due to anticipated spending increases reflecting ongoing investments in the U.S. platform, distribution, and customer experience, and TPA related expenses from the acquisition of Argus, as well as lower unit cost capitalization reflecting a third quarter decline in sales and lower general administrative expense due to lower sales, travel and claims activity. The pretax adjusted profit margin increased in the nine-month period, when compared with the same period in 2019, due to lower benefit ratios, offset somewhat by higher expense ratios. For the full year of 2020, the Company will continue to monitor the situation with respect to COVID-19, and potential impacts on the pretax adjusted profit margin and benefit ratio.

Aflac U.S. Sales

The following table presents Aflac's U.S. new annualized premium sales for the periods ended September 30.

| | Three Months | | | | | Nine Months | | | | |
|---------------------------------------|------------------------------|----------|----|---------|----|-------------|---|----|-------|---|
| (In millions) | 2020 2019 2020 | | | | | 2019 | | | | |
| New annualized premium sales | \$ | 221 | \$ | 334 | \$ | 705 | | \$ | 1,046 | |
| Increase (decrease) over prior period | | (35.7) % | | (4.2) % | | (32.7) | % | | (1.6) | % |

The following table details the contributions to Aflac's U.S. new annualized premium sales by major insurance product category for the periods ended September 30.

| | Three Mont | ths | Nine Mor | nths |
|------------------------------|------------|---------|----------|---------|
| | 2020 | 2019 | 2020 | 2019 |
| Accident | 26.4 % | 29.0 % | 26.6 % | 28.8 % |
| Short-term disability | 24.2 | 22.6 | 23.3 | 23.3 |
| Critical care ⁽¹⁾ | 20.5 | 20.9 | 20.8 | 20.6 |
| Hospital indemnity | 16.8 | 16.1 | 16.9 | 15.8 |
| Dental/vision | 5.0 | 5.0 | 4.5 | 5.0 |
| Life | 7.1 | 6.4 | 7.9 | 6.5 |
| Total | 100.0 % | 100.0 % | 100.0 % | 100.0 % |

⁽¹⁾ Includes cancer, critical illness, and hospital intensive care products

New annualized premium sales for accident insurance, the leading Aflac U.S. product category, decreased 41.6%; short-term disability sales decreased 31.0%; critical care insurance sales (including cancer insurance) decreased 36.9%; and hospital indemnity insurance sales decreased 33.0% in the third quarter of 2020, compared with the same period in 2019. Primarily, the decline is sales for Aflac U.S. is attributable COVID-19 social distancing efforts, which limited face-to-face sales opportunities beginning in mid-March 2020. See the Executive Summary section entitled "COVID-19" of this MD&A for additional information.

In the third quarter of 2020, the Aflac U.S. sales force included an average of approximately 5,500 U.S. agents, including brokers, who were actively producing business on a weekly basis. The Company believes that this average weekly producer equivalent metric allows sales management to monitor progress and needs, as well as serve as a leading indicator of future production capacity.

In March 2020, the Company, through its insurance subsidiaries Aflac and Aflac New York, entered into an agreement to acquire Zurich North America's U.S. Corporate Life and Pensions business, which consists of group life, disability and absence management products. Aflac and Aflac New York will reinsure on an indemnity basis Zurich North America's U.S. in-force group life and disability policies with annualized earned premium in the anticipated range of \$115 million. Aflac will also acquire assets needed to support the group life and disability business, along with an absence management platform. Subject to regulatory approvals and customary closing conditions, this transaction is expected to close in the fourth quarter of 2020.

Aflac U.S. Investments

The level of investment income is affected by available cash flow from operations, the timing of investing the cash flow, yields on new investments, and other factors.

As part of the Company's portfolio management and asset allocation process, Aflac U.S. invests in fixed maturity investments and growth assets, including public equity securities and alternative investments in limited partnerships. Aflac U.S. has been investing in both publicly traded and privately originated investment-grade and below-investment-grade fixed maturity securities and loan receivables.

The following table details the investment purchases for Aflac U.S.

| | Three Mo Septe | nths End mber 30, | | Nine Mon Septen | | |
|--------------------------------------|-------------------|----------------------|------|--------------------|----|-------|
| (In millions) | 2020 | : | 2019 | 2020 | | 2019 |
| Fixed maturity securities: | | | | | | |
| Other fixed maturity securities | \$ 166 | \$ | 73 | \$ 434 | \$ | 947 |
| Infrastructure debt | 0 | | 5 | 20 | | 78 |
| Collateralized Ioan obligations | 56 | | 0 | 67 | | 0 |
| Equity securities | 0 | | 16 | 5 | | 43 |
| Commercial mortgage and other loans: | | | | | | |
| Transitional real estate loans | 43 | | 82 | 88 | | 224 |
| Commercial mortgage loans | 0 | | 35 | 37 | | 104 |
| Middle market loans | 20 | | 18 | 63 | | 74 |
| Other investments | 7 | | 2 | 18 | | 10 |
| Total Aflac U.S. Purchases | \$ 292 | \$ | 231 | \$ 732 | \$ | 1,480 |

See Note 3 of the Notes to the Consolidated Financial Statements and Notes 1 and 3 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report for more information regarding loans and loans receivables.

The following table presents the results of Aflac's U.S. investment yields for the periods ended September 30.

| | | Thre | e Month | s | | Nine Months | | | |
|--|----|--------|---------|--------|----|-------------|---|----------|---|
| | 20 |)20 | | 2019 | | 2020 | | 2019 | |
| Total purchases for period (in millions) (1) | \$ | 285 | \$ | 229 | \$ | 714 | | \$ 1,470 | |
| New money yield (1), (2) | 2 | 2.80 % | | 4.58 % | | 3.24 | % | 4.49 | % |
| Return on average invested assets (3) | 4 | 4.75 | | 5.09 | | 4.86 | | 5.07 | |
| Portfolio book yield, end of period (1) | ; | 5.26 | % | 5.40 | % | 5.26 | % | 5.40 | % |

⁽¹⁾ Includes fixed maturity securities, commercial mortgage and other loans, equity securities, and excludes alternative investments in limited partnerships

The decrease in the Aflac U.S. new money yield for the three- and nine-month periods ended September 30, 2020 was primarily due to lower U.S. interest rates. See Notes 3 and 5 of the Notes to the Consolidated Financial Statements and the Analysis of Financial Condition section of this MD&A for additional information on the Company's investments.

CORPORATE AND OTHER

Changes in the pretax adjusted earnings of Corporate and other are primarily affected by investment income. The following table presents a summary of results for Corporate and other.

⁽²⁾ Reported on a gross yield basis; excludes investment expenses and external management fees

⁽³⁾ Net of investment expenses, year-to-date number reflected on a quarterly average basis

Corporate and Other Summary of Operating Results

| | Three Mor Septen | | | | Nine Mon Septen | | |
|--|---------------------|----|------|----|--------------------|----|------|
| (In millions) | 2020 | 2 | 2019 | : | 2020 | | 2019 |
| Premium income | \$ 49 | \$ | 51 | \$ | 146 | \$ | 151 |
| Net investment income | 14 | | 23 | | 59 | | 65 |
| Amortized hedge income related to certain foreign currency management strategies | 22 | | 21 | | 78 | | 61 |
| Adjusted net investment income | 36 | | 44 | | 137 | | 126 |
| Other income | 2 | | 2 | | 9 | | 10 |
| Total adjusted revenues | 87 | | 97 | | 292 | | 287 |
| Benefits and claims, net | 47 | | 49 | | 134 | | 144 |
| Adjusted expenses: | | | | | | | |
| Interest expense | 44 | | 33 | | 120 | | 100 |
| Other adjusted expenses | 35 | | 32 | | 107 | | 105 |
| Total adjusted expenses | 79 | | 65 | | 227 | | 205 |
| Total benefits and adjusted expenses | 126 | • | 114 | • | 361 | • | 349 |
| Pretax adjusted earnings | \$ (39) | \$ | (17) | \$ | (69) | \$ | (62) |

Adjusted net investment income benefited from the Company's enterprise corporate hedging program in the three- and nine-month periods ended September 30, 2020 and 2019, respectively. Beginning in 2020, net investment income also includes the Company's portion of earnings from its strategic equity investment in an asset management company. See the Hedging Activities subsection of this MD&A for further information on the enterprise corporate hedging program. The increase in interest expense in the three- and nine-month periods ended September 30, 2020, as compared to the same periods in 2019, is primarily due to the issuance of five series of senior notes in March and April 2020. See Note 8 of the Notes to the Consolidated Financial Statements for more information on these senior notes.

INVESTMENTS

The Company's investment strategy utilizes disciplined asset and liability management while seeking long-term risk-adjusted investment returns and the delivery of stable income within regulatory and capital objectives, and preserving shareholder value. In attempting to optimally balance these objectives, the Company seeks to maintain on behalf of Aflac Japan a diversified portfolio of yen-denominated investment assets, U.S. dollar-denominated investment portfolio hedged back to yen and a portfolio of unhedged U.S. dollar-denominated assets. As part of the Company's portfolio management and asset allocation process, Aflac U.S. invests in fixed maturity investments and growth assets, including public equity securities and alternative investments in limited partnerships. Aflac U.S. invests in both publicly traded and privately originated investment-grade and below-investment-grade fixed maturity securities and loans.

Investment Securities by Segment

| | September 30, 2020 | | | | | | | | | | | |
|--|--------------------|----------|----|------------|-----|---------------------|----|---------|--|--|--|--|
| (In millions) | Afl | ac Japan | | Aflac U.S. | Cor | porate and Other | | Total | | | | |
| Available for sale, fixed maturity securities, at fair value | \$ | 86,536 | \$ | 14,630 | \$ | 1,962 | \$ | 103,128 | | | | |
| Held to maturity, fixed maturity securities, at amortized cost (1) | | 23,937 | | 0 | | 0 | | 23,937 | | | | |
| Equity securities | | 624 | | 68 | | 83 | | 775 | | | | |
| Commercial mortgage and other loans: | | | | | | | | | | | | |
| Transitional real estate loans (1) | | 4,702 | | 889 | | 0 | | 5,591 | | | | |
| Commercial mortgage loans (1) | | 1,279 | | 425 | | 0 | | 1,704 | | | | |
| Middle market loans (1) | | 3,264 | | 263 | | 0 | | 3,527 | | | | |
| Other investments: | | | | | | | | | | | | |
| Policy loans | | 244 | | 17 | | 0 | | 261 | | | | |
| Short-term investments (2) | | 319 | | 207 | | 297 | | 823 | | | | |
| Limited partnerships | | 657 | | 73 | | 65 | | 795 | | | | |
| Other | | 0 | | 25 | | 0 | | 25 | | | | |
| Total investments | | 121,562 | | 16,597 | | 2,407 | | 140,566 | | | | |
| Cash and cash equivalents | | 1,933 | | 1,225 | | 2,405 | | 5,563 | | | | |
| Total investments and cash | \$ | 123,495 | \$ | 17,822 | \$ | 4,812 | \$ | 146,129 | | | | |

⁽¹⁾ Net of allowance for credit losses

⁽²⁾ Includes securities lending collateral

| | December 31, 2019 | | | | | | | | | |
|--|---|---------|----|--------|----|-------|----|---------|--|--|
| (In millions) | Corporate and Aflac Japan Aflac U.S. Other | | | | | | | Total | | |
| Available for sale, fixed maturity securities, at fair value | \$ | 75,780 | \$ | 13,703 | \$ | 1,779 | \$ | 91,262 | | |
| Held to maturity, fixed maturity securities, at amortized cost | | 30,085 | | 0 | | 0 | | 30,085 | | |
| Equity securities | | 657 | | 67 | | 78 | | 802 | | |
| Commercial mortgage and other loans: | | | | | | | | | | |
| Transitional real estate loans | | 4,507 | | 943 | | 0 | | 5,450 | | |
| Commercial mortgage loans | | 1,308 | | 399 | | 0 | | 1,707 | | |
| Middle market loans | | 2,141 | | 271 | | 0 | | 2,412 | | |
| Other investments: | | | | | | | | | | |
| Policy loans | | 234 | | 16 | | 0 | | 250 | | |
| Short-term investments (1) | | 386 | | 242 | | 1 | | 629 | | |
| Limited partnerships | | 496 | | 55 | | 17 | | 568 | | |
| Other | | 0 | | 30 | | 0 | | 30 | | |
| Total investments | | 115,594 | | 15,726 | | 1,875 | | 133,195 | | |
| Cash and cash equivalents | | 1,674 | | 417 | | 2,805 | | 4,896 | | |
| Total investments and cash | \$ | 117,268 | \$ | 16,143 | \$ | 4,680 | \$ | 138,091 | | |

⁽¹⁾ Includes securities lending collateral

The ratings of the Company's securities referenced in the table below are based on the ratings designations provided by major rating organizations such as Moody's, Standard & Poor's and Fitch or, if not rated, are determined based on the Company's internal analysis of such securities. When the ratings issued by the rating agencies differ, the Company utilizes

the second lowest rating when three or more rating agency ratings are available or the lowest rating when only two rating agency ratings are available.

The distributions of fixed maturity securities the Company owns, by credit rating, were as follows:

Composition of Fixed Maturity Securities by Credit Rating

| | September | 30, 2020 | December 3 | 31, 2019 |
|-------------|-------------------|---------------|-------------------|---------------|
| | Amortized Cost | Fair Value | Amortized Cost | Fair Value |
| AAA | 1.3 % | 1.2 % | 1.1 % | 1.0 % |
| AA | 4.1 | 4.2 | 4.3 | 4.4 |
| A | 69.6 | 70.3 | 68.6 | 69.8 |
| BBB | 21.7 | 21.3 | 23.1 | 22.1 |
| BB or lower | 3.3 | 3.0 | 2.9 | 2.7 |
| Total | 100.0 % | 100.0 % | 100.0 % | 100.0 % |

As of September 30, 2020, the Company's direct and indirect exposure to securities in its investment portfolio that were guaranteed by third parties was immaterial both individually and in the aggregate.

The following table presents the 10 largest unrealized loss positions in the Company's portfolio as of September 30, 2020.

| (In millions) | Credit Rating | Amortized Cost | Fair Value | Unreal | ized Loss |
|------------------------------------|------------------|-------------------|---------------|--------|-----------|
| KLM Royal Dutch Airlines | В | \$ 147 | \$ 115 | \$ | (32) |
| Grenke Finance PLC | BBB | 66 | 37 | | (29) |
| Heathrow Funding Ltd. | BBB | 95 | 79 | | (16) |
| Lloyds Banking Group PLC | Α | 217 | 201 | | (16) |
| Investcorp Capital Limited | BB | 399 | 385 | | (14) |
| PEMEX Project Funding Master Trust | BB | 284 | 271 | | (13) |
| Baker Hughes Inc. | Α | 127 | 114 | | (13) |
| Cenovus Energy Inc. | BB | 35 | 24 | | (11) |
| Banco de Chile | Α | 189 | 178 | | (11) |
| American Airlines | В | 22 | 12 | | (10) |

Generally, declines in fair values can be a result of changes in interest rates, yen/dollar exchange rate, and changes in net spreads driven by a broad market move or a change in the issuer's underlying credit quality. The Company believes these issuers have the ability to continue making timely payments of principal and interest. See the Unrealized Investment Gains and Losses section in Note 3 of the Notes to the Consolidated Financial Statements for further discussions of unrealized losses related to financial institutions and other corporate investments.

Below-Investment-Grade Securities

The Company's portfolio of below-investment-grade securities includes debt securities purchased while the issuer was rated investment grade plus other loans and bonds purchased as part of an allocation to that segment of the market. The following is the Company's below-investment-grade exposure.

Below-Investment-Grade Investments

| | | Septemb | per 30, 2020 | <u>) </u> | | |
|------------------------------------|--------------|-----------------------|---------------|--|--|--|
| (In millions) | Par Value | Amortized Cost (1) | Fair Value | Unrealized Gain (Loss) | | |
| Investcorp Capital Limited | \$ 400 | \$ 399 | \$ 385 | \$ (14) | | |
| Commerzbank | 378 | 254 | 395 | 141 | | |
| Pemex Project Funding Master Trust | 283 | 283 | 271 | (12) | | |
| KLMRoyal Dutch Airlines | 189 | 147 | 115 | (32) | | |
| Telecom Italia SpA | 189 | 189 | 242 | 53 | | |
| Autostrade Per Litalia Spa | 189 | 188 | 181 | (7) | | |
| Barclays Bank PLC | 189 | 123 | 153 | 30 | | |
| Apache Corporation | 138 | 128 | 133 | 5 | | |
| Ovintiv Inc. | 133 | 136 | 129 | (7) | | |
| IKB Deutsche Industriebank AG | 123 | 54 | 84 | 30 | | |
| Other Issuers | 994 | 844 | 888 | 44 | | |
| Subtotal (2) | 3,205 | 2,745 | 2,976 | 231 | | |
| Senior secured bank loans | 269 | 289 | 255 | (34) | | |
| High yield corporate bonds | 708 | 725 | 722 | (3) | | |
| Middle market loans | 3,645 | 3,527 | 3,499 | (28) | | |
| Grand Total | \$ 7,827 | \$ 7,286 | \$ 7,452 | \$ 166 | | |

⁽¹⁾ Net of allowance for credit losses

The Company invests in senior secured bank loans and middle market loans primarily to U.S. corporate borrowers, most of which have below-investment-grade ratings. The objectives of these programs include enhancing the yield on invested assets, achieving further diversification of credit risk, and mitigating the risk of rising interest rates and hedge costs through the acquisition of floating rate assets.

The Company maintains an allocation to higher yielding corporate bonds within the Aflac Japan and Aflac U.S. portfolios. Most of these securities were rated below-investment-grade at the time of purchase, but the Company also purchased several that were rated investment grade which, because of market pricing, offer yields commensurate with below-investment-grade risk profiles. The objective of this allocation was to enhance the Company's yield on invested assets and further diversify credit risk. All investments in this program must have a minimum rating at purchase of low BB using the Company's above described rating methodology and are managed by the Company's internal credit portfolio management team.

⁽²⁾ Securities initially purchased as investment grade, but have subsequently been downgraded to below investment grade

Fixed Maturity Securities by Sector

The Company maintains diversification in investments by sector to avoid concentrations to any one sector, thus managing exposure risk. The following table shows the distribution of fixed maturities by sector classification.

| | | | | S | ept | tember 30, 2020 |) | | |
|---------------------------------------|-----|---------------|----|------------------------------|-----|-------------------------------|----|-----------|---------------|
| (In millions) | Amo | nortized Cost | | Gross Unrealized Gains | | Gross Unrealized Losses | | air Value | % of Total |
| Government and agencies | \$ | 55,860 | \$ | 9,878 | \$ | (42) | \$ | 65,696 | 49.1 % |
| Municipalities | | 2,526 | | 587 | | (3) | | 3,109 | 2.2 |
| Mortgage- and asset-backed securities | | 681 | | 38 | | (1) | | 717 | .6 |
| Public utilities | | 8,573 | | 1,897 | | (15) | | 10,457 | 7.6 |
| Electric | | 6,943 | | 1,564 | | (11) | | 8,496 | 6.1 |
| Natural Gas | | 308 | | 59 | | 0 | | 368 | .3 |
| Other | | 537 | | 114 | | (1) | | 651 | .5 |
| Utility/Energy | | 785 | | 160 | | (3) | | 942 | .7 |
| Sovereign and Supranational | | 1,843 | | 313 | | (11) | | 2,145 | 1.6 |
| Banks/financial institutions | | 10,461 | | 1,421 | | (186) | | 11,697 | 9.2 |
| Banking | | 6,279 | | 871 | | (72) | | 7,079 | 5.5 |
| Insurance | | 1,988 | | 402 | | (39) | | 2,351 | 1.8 |
| Other | | 2,194 | | 148 | | (75) | | 2,267 | 1.9 |
| Other corporate | | 33,893 | | 5,602 | | (380) | | 39,114 | 29.7 |
| Basic Industry | | 3,408 | | 650 | | (22) | | 4,036 | 3.0 |
| Capital Goods | | 3,348 | | 534 | | (18) | | 3,864 | 3.0 |
| Communications | | 4,065 | | 866 | | (34) | | 4,898 | 3.6 |
| Consumer Cyclical | | 3,106 | | 516 | | (24) | | 3,598 | 2.7 |
| Consumer Non-Cyclical | | 6,990 | | 1,199 | | (42) | | 8,146 | 6.1 |
| Energy | | 4,149 | | 516 | | (126) | | 4,539 | 3.6 |
| Other | | 1,519 | | 178 | | (10) | | 1,688 | 1.3 |
| Technology | | 3,402 | | 338 | | (29) | | 3,710 | 3.0 |
| Transportation | | 3,906 | | 805 | | (75) | | 4,635 | 3.4 |
| Total fixed maturity securities | \$ | 113,837 | \$ | 19,736 | \$ | (638) | \$ | 132,935 | 100.0 % |

⁽¹⁾ Net of allowance for credit losses

Securities by Type of Issuance

The Company has investments in both publicly and privately issued securities. The Company's ability to sell either type of security is a function of overall market liquidity which is impacted by, among other things, the amount of outstanding securities of a particular issuer or issuance, trading history of the issue or issuer, overall market conditions, and idiosyncratic events affecting the specific issue or issuer.

The following table details investment securities by type of issuance.

Investment Securities by Type of Issuance

| | | September 30, 2020 | | | | | nber 31, 201 | 9 |
|----------------------------------|----|-------------------------------|----|-------------------|----|---------|---------------|---------|
| (In millions) | Δ. | Amortized Fair Cost (1) Value | | Amortized Cost | | | Fair Value | |
| Publicly issued securities: | | | | | | | | |
| Fixed maturity securities | \$ | 93,654 | \$ | 109,239 | \$ | 89,625 | \$ | 105,557 |
| Equity securities | | 684 | | 684 | | 717 | | 717 |
| Total publicly issued | | 94,338 | | 109,923 | | 90,342 | | 106,274 |
| Privately issued securities: (2) | | | | | | | | |
| Fixed maturity securities (3) | | 20,183 | | 23,696 | | 19,831 | | 23,299 |
| Equity securities | | 91 | | 91 | | 85 | | 85 |
| Total privately issued | • | 20,274 | | 23,787 | | 19,916 | | 23,384 |
| Total investment securities | \$ | 114,612 | \$ | 133,710 | \$ | 110,258 | \$ | 129,658 |

⁽¹⁾ Net of allowance for credit losses

The following table details the Company's reverse-dual currency securities.

Reverse-Dual Currency Securities(1)

| (Amortized cost, in millions) | Sep | September 30, 2020 | | cember 31, 2019 |
|---|-----|-----------------------|----|--------------------|
| Privately issued reverse-dual currency securities | \$ | 5,181 | \$ | 4,993 |
| Publicly issued collateral structured as reverse-dual currency securities | | 1,737 | | 1,678 |
| Total reverse-dual currency securities | \$ | 6,918 | \$ | 6,671 |
| Reverse-dual currency securities as a percentage of total investment securities | | 6.0 % | | 6.1 % |

⁽¹⁾ Principal payments in yen and interest payments in dollars

Aflac Japan has a portfolio of privately issued securities to better match liability characteristics and secure higher yields than those available on Japanese government or other public corporate bonds. Aflac Japan's investments in yen-denominated privately issued securities consist primarily of non-Japanese issuers, are rated investment grade at purchase and have longer maturities, thereby allowing the Company to improve asset/liability matching and overall investment returns. These securities are generally either privately negotiated arrangements or issued under medium-term note programs and have standard documentation commensurate with credit ratings of the issuer, except when internal credit analysis indicates that additional protective and/or event-risk covenants were required. Many of these investments have protective covenants appropriate to the specific investment. These may include a prohibition of certain activities by the borrower, maintenance of certain financial measures, and specific conditions impacting the payment of the Company's notes.

HEDGING ACTIVITIES

The Company uses derivative contracts to hedge foreign currency exchange rate risk and interest rate risk. The Company uses various strategies, including derivatives, to manage these risks. See item "7A. Quantitative and Qualitative Disclosures About Market Risk" in the 2019 Annual Report for more information about market risk and the Company's use of derivatives.

Derivatives are designed to reduce risk on an economic basis while minimizing the impact on financial results. The Company's derivatives programs vary depending on the type of risk being hedged. See Note 4 of the Notes to the Consolidated Financial Statements for:

- · A description of the Company's derivatives, hedging strategies and underlying risk exposure.
- Information about the notional amount and fair market value of the Company's derivatives.

⁽²⁾ Primarily consists of securities owned by Aflac Japan

⁽³⁾ Excludes Rule 144A securities

 The unrealized and realized gains and losses impact on adjusted earnings of derivatives in cash flow, fair value, net investments in foreign operations, or non-qualifying hedging relationships.

Foreign Currency Exchange Rate Risk Hedge Program

The Company has deployed the following hedging strategies to mitigate exposure to foreign currency exchange rate risk:

- Aflac Japan hedges U.S. dollar-denominated investments back to yen (see Aflac Japan's U.S. Dollar-Denominated Hedge Program below).
- Aflac Japan maintains certain unhedged U.S. dollar-denominated securities, which serve as an economic currency hedge of a portion of the Company's investment in Aflac Japan (see Aflac Japan's U.S. Dollar-Denominated Hedge Program below).
- The Parent Company designates yen-denominated liabilities (notes payable and loans) as non-derivative hedging instruments and designates certain
 foreign currency forwards and options as derivative hedges of the Company's net investment in Aflac Japan (see Enterprise Corporate Hedging
 Program below).
- The Parent Company enters into forward and option contracts to accomplish a dual objective of hedging foreign currency exchange rate risk related to dividend payments by its subsidiary, ALIJ, and reducing enterprise-wide hedge costs. (see *Enterprise Corporate Hedging Program* below).

Aflac Japan's U.S. Dollar-Denominated Hedge Program

Aflac Japan buys U.S. dollar-denominated investments, typically corporate bonds, and hedges them back to yen with foreign currency forwards and options to hedge foreign currency exchange rate risk. This economically creates yen assets that match yen liabilities during the life of the derivative and provides capital relief. The currency risk being hedged is generally based on fair value of hedged investments. The following table summarizes the U.S. dollar-denominated investments held by Aflac Japan.

| | | September 30, 2020 | | Decembe 2019 | | | |
|---|----|---------------------------------|----|-----------------|----|------------------|---------------|
| (In millions) | A | mortized Cost ⁽¹⁾ | | Fair Value | Д | mortized Cost | Fair Value |
| Available-for-sale securities: | | | | | | | |
| Fixed maturity securities (excluding bank loans) | \$ | 18,868 | \$ | 20,792 | \$ | 18,012 | \$ 19,542 |
| Fixed maturity securities - bank loans (floating rate) | | 373 | | 331 | | 677 | 649 |
| Equity securities | | 19 | | 19 | | 19 | 19 |
| Commercial mortgage and other loans: | | | | | | | |
| Transitional real estate loans (floating rate) | | 4,702 | | 4,584 | | 4,507 | 4,543 |
| Commercial mortgage loans | | 1,279 | | 1,373 | | 1,308 | 1,319 |
| Middle market loans (floating rate) | | 3,264 | | 3,244 | | 2,141 | 2,153 |
| Other investments | | 657 | | 657 | | 496 | 496 |
| Total U.S. Dollar Program | | 29,162 | | 31,000 | | 27,160 | 28,721 |
| Available-for-sale securities: | | | | | | | |
| Fixed maturity securities - economically converted to yen | | 1,890 | | 2,816 | | 1,700 | 2,608 |
| Total U.S. dollar-denominated investments in Aflac Japan | \$ | 31,052 | \$ | 33,816 | \$ | 28,860 | \$ 31,329 |

⁽¹⁾ Net of allowance for credit losses

U.S. Dollar Program includes all U.S. dollar-denominated investments in Aflac Japan other than the investments in certain consolidated VIEs where the instrument is economically converted to yen as a result of a derivative in the consolidated VIE. Aflac Japan maintains a collar program on a portion of its US dollar program to mitigate against more extreme moves in foreign exchange and therefore support SMR. In the first quarter of 2020, the Company reduced the size of the collar program by approximately \$3 billion as certain collars expired and were not replaced. While these adjustments will moderately increase the Company's exposure to SMR volatility, the Company believes that they will also reduce its exposure to pricing volatility and the related risk of negative settlements should there be a material weakening in the yen. Depending on further developments, including the possibility of further market volatility, there may be additional costs

associated with maintaining the collar program. The Company is continually evaluating other adjustments, including the possibility of changing the level of hedging employed with the U.S dollar-denominated investments.

As of September 30, 2020, Aflac Japan had \$9.2 billion outstanding notional amounts of foreign currency forwards and \$17.9 billion outstanding notional amounts of foreign currency options, of which none were in-the-money, hedging its U.S. dollar-denominated investments. The fair value of Aflac Japan's unhedged U.S. dollar-denominated portfolio was \$13.0 billion (excluding certain U.S. dollar-denominated assets shown in the table above as a result of consolidation that have been economically converted to yen using derivatives).

Foreign exchange derivatives used for hedging are periodically settled, which results in cash receipt or payment at maturity or early termination. The Company had net cash outflows of \$2 million and net cash inflows of \$31 million for the three-month periods and net cash outflows of \$34 million and net cash outflows of \$8 million for the nine-month periods ended September 30, 2020 and 2019, respectively, associated with the currency derivatives used for hedging Aflac Japan's U.S. dollar-denominated investments.

Enterprise Corporate Hedging Program

The Company has designated certain yen-denominated liabilities and foreign currency forwards and options of the Parent Company as accounting hedges of its net investment in Aflac Japan. The Company's consolidated yen-denominated net asset position was partially hedged at \$9.9 billion as of September 30, 2020, compared with \$9.1 billion as of December 31, 2019.

The Company makes its accounting designation of net investment hedge at the beginning of each quarter. If the total of the designated Parent Company non-derivative and derivative notional is equal to or less than the Company's net investment in Aflac Japan, the hedge is deemed to be effective, and the currency exchange effect on the yen-denominated liabilities and the change in estimated fair value of the derivatives are reported in the unrealized foreign currency component of other comprehensive income. The Company's net investment hedge was effective during the nine-month periods ended September 30, 2020 and 2019, respectively. For additional information on the Company's net investment hedging strategy, see Note 4 of the Notes to the Consolidated Financial Statements.

In order to economically mitigate risks associated with the enterprise-wide exposure to the yen and the level and volatility of hedge costs, the Parent Company enters into foreign exchange forward and option contracts. By buying U.S. dollars and selling yen, the Parent Company is effectively lowering its overall economic exposure to the yen, while Aflac Japan's U.S dollar exposure remains reduced as a result of Aflac Japan's U.S. dollar-denominated hedge program that economically creates yen assets. Among other objectives, this strategy is intended to offset the enterprise-wide amortized hedge income contributed by this strategy was \$22 million and \$21 million for the three-month periods and \$78 million and \$61 million for the nine-month periods ended September 30, 2020 and 2019, respectively. This activity is reported in Corporate and Other. As this program evolves, the Company will continue to evaluate the program's efficacy. See the Results of Operations section of this MD&A for the Company's definition of amortized hedge costs/income.

The following table presents metrics related to Aflac Japan amortized hedge costs and the Parent Company amortized hedge income for the periods ended September 30.

Aflac Japan Hedge Cost/Income Metrics(1)

| | Three M | onths | Nine N | /lonths |
|---|---------|--------|---------|---------|
| | 2020 | 2019 | 2020 | 2019 |
| Aflac Japan: | | | | |
| FX forward (sell USD, buy yen) notional at end of period (in billions) ⁽²⁾ | \$9.2 | \$9.5 | \$9.2 | \$9.5 |
| Weighted average remaining tenor (in months)(3) | 10.3 | 11.4 | 10.3 | 11.4 |
| Amortized hedge income (cost) for period (in millions) | \$(51) | \$(66) | \$(155) | \$(191) |
| Parent Company: | | | | |
| FX forward (buy USD, sell yen) notional at end of period (in billions)(2) | \$5.0 | \$3.5 | \$5.0 | \$3.5 |
| Weighted average remaining tenor (in months)(3) | 12.5 | 14.6 | 12.5 | 14.6 |
| Amortized hedge income (cost) for period (in millions) | \$22 | \$21 | \$78 | \$61 |

⁽¹⁾ See the Results of Operations section of this MD&A for the Company's definition of amortized hedge costs/income.

Interest Rate Risk Hedge Program

Aflac Japan and Aflac U.S. use interest rate swaps from time to time to mitigate the risk of investment income volatility for certain variable-rate investments. Additionally, to manage interest rate risk associated with its U.S. dollar-denominated investments held by Aflac Japan, from time to time the Company utilizes interest rate swaptions.

For additional discussion of the risks associated with the foreign currency exposure refer to the Currency Risk section in Item 7A., Quantitative and Qualitative Disclosures about Market Risk, and the Risk Factor sections titled "The Company is exposed to foreign currency fluctuations in the yen/dollar exchange rate" and "Lack of availability of acceptable yen-denominated investments could adversely affect the Company's results of operations, financial position or liquidity" in the 2019 Annual Report.

See Note 4 of the Notes to the Consolidated Financial Statements for additional information on the Company's hedging activities.

DEFERRED POLICY ACQUISITION COSTS

The following table presents deferred policy acquisition costs by segment.

| (In millions) | September 30, 2020 December 31, 2019 | | | |
|---------------|---|-----------|----------------------|--|
| Aflac Japan | \$ 6,851 | \$ 6,584 | 4.1 % ⁽⁷⁾ | |
| Aflac U.S. | 3,468 | 3,544 | (2.1) | |
| Total | \$ 10,319 | \$ 10,128 | 1.9 % | |

⁽¹⁾ Aflac Japan's deferred policy acquisition costs increased .5% in yen during the nine months ended September 30, 2020.

See Note 6 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report for additional information on the Company's deferred policy acquisition costs.

BENEFIT PLANS

Aflac Japan and Aflac U.S. have various benefit plans. For additional information on the Company's Japanese and U.S. plans, see Note 12 of the accompanying Notes to the Consolidated Financial Statements and Note 14 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report.

⁽²⁾ Notional is reported net of any offsetting positions within Aflac Japan or the Parent Company, respectively.

⁽³⁾ Tenor based on period reporting date to settlement date

POLICY LIABILITIES

The following table presents policy liabilities by segment.

| (In millions) | September 30, 2020 | December 31, 2019 | % Change |
|--|-----------------------|-------------------|----------------------|
| Aflac Japan | \$ 100,567 | \$ 95,793 | 5.0 % ⁽¹⁾ |
| Aflac U.S. | 11,564 | 11,295 | 2.4 |
| Other | 262 | 223 | 17.5 |
| Intercompany eliminations ⁽²⁾ | (806) | (757) | 6.5 |
| Total | \$ 111,587 | \$ 106,554 | 4.7 % |

⁽¹⁾ Aflac Japan's policy liabilities increased 1.4% in yen during the nine months ended September 30, 2020.

POLICYHOLDER PROTECTION

Policyholder Protection Corporation

The Japanese insurance industry has a policyholder protection system that provides funds for the policyholders of insolvent insurers. Legislation enacted regarding the framework of the Life Insurance Policyholder Protection Corporation (LIPPC) included government fiscal measures supporting the LIPPC. In November 2016, Japan's Diet passed legislation that extended the government's fiscal support of the LIPPC through March 2022. Effective April 2014, the annual LIPPC contribution amount for the total life industry was lowered from ¥40 billion to ¥33 billion. Aflac Japan recognized an expense of ¥1.9 billion for both of the nine-month periods ended September 30, 2020 and 2019 for LIPPC assessments.

Guaranty Fund Assessments

Under U.S. state guaranty association laws, certain insurance companies can be assessed (up to prescribed limits) for certain obligations to the policyholders and claimants of impaired or insolvent insurance companies that write the same line or similar lines of business. The amount of the guaranty fund assessment that an insurer is assessed is based on its proportionate share of premiums in that state. Guaranty fund assessments for the nine-month periods ended September 30, 2020 and 2019, were immaterial.

OFF-BALANCE SHEET ARRANGEMENTS

See Note 3 of the Notes to the Consolidated Financial Statements for details on certain investment commitments.

As of September 30, 2020, the Company had no material letters of credit, standby letters of credit, guarantees or standby repurchase obligations. See Note 15 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report for information on material unconditional purchase obligations that are not recorded on the Company's balance sheet.

LIQUIDITY AND CAPITAL RESOURCES

Liquidity refers to the ability to generate sufficient cash resources to meet the payment obligations of the Company. Capital refers to the long-term financial resources available to support the operations of the businesses, fund business growth and provide for an ability to withstand adverse circumstances. Financial leverage (leverage) refers to an investment strategy of using debt to increase the potential return on equity. The Company targets and actively manages liquidity, capital and leverage in the context of a number of considerations, including:

- · business investment and growth needs
- strategic growth objectives
- financial flexibility and obligations
- capital support for hedging activity
- a constantly evolving business and economic environment
- a balanced approach to capital allocation and shareholder deployment.

The governance framework supporting liquidity, capital and leverage includes global senior management and board committees that review and approve all significant capital related decisions.

⁽²⁾ Elimination entry necessary due to recapture of a portion of policy liabilities ceded externally, as a result of the reinsurance retrocession transaction as described in Note 7 of the Notes to the Consolidated Financial Statements.

The Company's cash and cash equivalents include unrestricted cash on hand, money market instruments, and other debt instruments with a maturity of 90 days or less when purchased, all of which has minimal market, settlement or other risk exposure. The target minimum amount for the Parent Company's cash and cash equivalents is approximately \$2.0 billion to provide a capital buffer and liquidity support at the holding company. Amid the COVID-19 pandemic, the Company remains committed to prudent liquidity and capital management. At September 30, 2020, the Company held \$5.6 billion in cash and cash equivalents for stress conditions, which includes the Parent Company's target minimum amount of \$2.0 billion. For additional information on the Company's liquidity and capital resources in response to COVID-19, see the Executive Summary section of this MD&A.

Aflac Japan and Aflac U.S. provide the primary sources of liquidity to the Parent Company through management fees and dividends. For 2020, the Parent Company anticipates a reduction in the dividends it receives from Aflac Japan and Aflac U.S. to maintain a strong capital position for its insurance subsidiaries during the COVID-19 pandemic. For additional information on the impact to subsidiary dividends paid to the Parent Company as a result of COVID-19, see the Executive Summary section of this MD&A.

The following table presents the amounts provided to the Parent Company for the nine-month periods ended September 30.

Liquidity Provided by Subsidiaries to Parent Company

| (In millions) | 2 | 2020 | 2019 |
|--|----|------|----------|
| Dividends declared or paid by subsidiaries | \$ | 892 | \$ 2,420 |
| Management fees paid by subsidiaries | | 100 | 108 |

The following table details Aflac Japan remittances for the nine-month periods ended September 30.

Aflac Japan Remittances

| (In millions of dollars and billions of yen) | 2020 | 2019 |
|---|--------|---------|
| Aflac Japan management fees paid to Parent Company | \$ 54 | \$ 89 |
| Expenses allocated to Aflac Japan (in dollars) | 0 | 3 |
| Aflac Japan profit remittances to the Parent Company (in dollars) | 667 | 1,722 |
| Aflac Japan profit remittances to the Parent Company (in yen) | ¥ 72.8 | ¥ 186.3 |

The Company intends to maintain higher than historical levels of liquidity and capital at the Parent Company for stress conditions and with the goals of addressing the Company's hedge costs and related potential need for collateral and mitigating against long-term weakening of the Japanese yen. Further, the Company plans to continue to maintain a portfolio of unhedged U.S. dollar based investments at Aflac Japan and consider whether the amount of such investments should be increased or decreased relative to the Company's view of economic equity surplus in Aflac Japan in light of potentially rising hedge costs and other factors. See the Hedging Activity subsection in this MD&A for more information.

In addition to cash and equivalents, the Company also maintains credit facilities, both intercompany and with external partners, and a number of other available tools to support liquidity needs on a global basis. In September 2018, the Parent Company filed a shelf registration statement with the SEC that allows the Company to issue an indefinite amount of debt securities, in one or more series, from time to time until September 2021. The Company believes outside sources for additional debt and equity capital, if needed, will continue to be available. Additionally, as of September 30, 2020, the Parent Company and Aflac had four lines of credit with third parties as well as seven intercompany lines of credit. For additional information, see Note 8 of the Notes to the Consolidated Financial Statements.

The primary uses of cash by the Parent Company are shareholder dividends, the repurchase of its common stock and interest on its outstanding indebtedness and operating expenses.

The Company's consolidated financial statements convey its financing arrangements during the periods presented. The Company has not engaged in material intra-period short-term financings during the periods presented that are not otherwise reported in its balance sheet or disclosed therein. The Company was in compliance with all of the covenants of its notes payable and lines of credit at September 30, 2020. The Company has not entered into transactions involving the transfer of financial assets with an obligation to repurchase financial assets that have been accounted for as a sale under applicable accounting standards, including securities lending transactions. See Notes 3 and 4 of the Notes to the

Consolidated Financial Statements and Notes 1, 3, and 4 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report for more information on the Company's securities lending and derivative activities. With the exception of disclosed activities in those referenced footnotes and the Risk Factors in the 2019 Annual Report entitled, "The Company is exposed to foreign currency fluctuations in the yen/dollar exchange rate" and "Lack of availability of acceptable yen-denominated investments could adversely affect the Company's results of operations, financial position or liquidity," the Company does not have a known trend, demand, commitment, event or uncertainty that would reasonably result in its liquidity increasing or decreasing by a material amount.

Consolidated Cash Flows

The Company translates cash flows for Aflac Japan's yen-denominated items into U.S. dollars using weighted-average exchange rates. In periods when the yen weakens, translating yen into dollars causes fewer dollars to be reported. When the yen strengthens, translating yen into dollars causes more dollars to be reported.

The following table summarizes consolidated cash flows by activity for the nine-month periods ended September 30.

| (In millions) | 2020 | 2019 |
|--|----------|-------------|
| Operating activities | \$ 4,601 | \$ 4,263 |
| Investing activities | (3,511) | (2,946) |
| Financing activities | (431) | (1,429) |
| Exchange effect on cash and cash equivalents | 8 | (9) |
| Net change in cash and cash equivalents | \$ 667 | \$ (121) |

Operating Activities

The principal cash inflows for the Company's insurance activities come from insurance premiums and investment income. The principal cash outflows are the result of policy claims, operating expenses, income tax, as well as interest expense. As a result of policyholder aging, claims payments are expected to gradually increase over the life of a policy. Therefore, future policy benefit reserves are accumulated in the early years of a policy and are designed to help fund future claims payments.

The Company expects its future cash flows from premiums and investment portfolios to be sufficient to meet its cash needs for benefits and expenses.

Investing Activities

The Company's investment objectives provide for liquidity primarily through the purchase of publicly traded investment-grade debt securities. Prudent portfolio management dictates that the Company attempts to match the duration of its assets with the duration of its liabilities. Currently, when the Company's fixed maturity securities mature, the proceeds may be reinvested at a yield below that required for the accretion of policy benefit liabilities on policies issued in earlier years. However, the long-term nature of the Company's business and its strong cash flows provide the Company with the ability to minimize the effect of mismatched durations and/or yields identified by various asset adequacy analyses. From time to time or when market opportunities arise, the Company disposes of selected fixed maturity securities that are available for sale to improve the duration matching of assets and liabilities, improve future investment yields, and/or re-balance its portfolio. As a result, dispositions before maturity can vary significantly from year to year.

As part of its overall corporate strategy, the Company has committed \$400 million to Aflac Ventures, LLC (Aflac Ventures), as opportunities emerge. Aflac Ventures is a subsidiary of Aflac Global Ventures, LLC (Aflac Global Ventures) which is reported in the Corporate and Other segment. The central mission of Aflac Global Ventures is to support the organic growth and business development needs of Aflac Japan and Aflac U.S. with emphasis on digital applications designed to improve the customer experience, gain efficiencies, and develop new markets in an effort to enhance and defend long-term shareholder value. Investments are included in equity securities or the other investments line in the consolidated balance sheets.

As part of an arrangement with FHLB, Aflac U.S. obtains low-cost funding from FHLB supported by acceptable forms of collateral pledged by Aflac U.S. In the first nine months of 2020, Aflac U.S. borrowed and repaid \$224 million under this program. As of September 30, 2020, Aflac U.S. had outstanding borrowings of \$298 million reported in its balance sheet. To further support liquidity and capital resources amid the pandemic, in April 2020, Aflac U.S. increased its internal limit for borrowings under this program to \$800 million, \$300 million of which the Company has designated to be used for short-term liquidity needs only and subject to qualified collateral availability and other conditions.

See Note 3 of the Notes to the Consolidated Financial Statements for details on certain investment commitments.

Financing Activities

Consolidated cash used by financing activities was \$431 million in the first nine months of 2020, compared with consolidated cash used by financing activities of \$1.4 billion for the same period of 2019.

In April 2020, the Parent Company issued \$1.0 billion of senior notes through a U.S. public debt offering. The notes bear interest at a fixed rate of 3.60% per annum, payable semi-annually, and will mature in April 2030. These notes are redeemable at the Parent Company's option in whole at any time or in part from time to time at a redemption price equal to the greater of: (i) the aggregate principal amount of the notes to be redeemed or (ii) the amount equal to the sum of the present values of the remaining scheduled payments for principal of and interest on the notes to be redeemed, not including any portion of the payments of interest accrued as of such redemption date, discounted to such redemption date on a semiannual basis at the yield to maturity for a U.S. Treasury security with a maturity comparable to the remaining term of the notes, plus 45 basis points, plus in each case, accrued and unpaid interest on the principal amount of the notes to be redeemed to, but excluding, such redemption date.

In March 2020, the Parent Company issued four series of senior notes totaling ¥57.0 billion through a public debt offering under its U.S. shelf registration statement. The first series, which totaled ¥12.4 billion, bears interest at a fixed rate of .300% per annum, payable semiannually and will mature in September 2025. The second series, which totaled ¥13.3 billion, bears interest at a fixed rate of .550% per annum, payable semiannually, and will mature in March 2030. The third series, which totaled ¥20.7 billion, bears interest at a fixed rate of .750% per annum, payable semiannually and will mature in March 2032. The fourth series, which totaled ¥10.6 billion, bears interest at a fixed rate of .830% per annum, payable semi-annually, and will mature in March 2035. These notes may only be redeemed before maturity, in whole but not in part, upon the occurrence of certain changes affecting U.S. taxation, as specified in the indenture governing the terms of the issuance.

In January 2020, the Parent Company used the net proceeds from senior notes issued in December 2019 to redeem \$350 million of its 4.00% fixed-rate senior notes due February 2022.

See Note 8 of the Notes to the Consolidated Financial Statements for further information on the debt issuances discussed above.

The Company was in compliance with all of the covenants of its notes payable and lines of credit at September 30, 2020.

Cash returned to shareholders through treasury stock purchases and dividends was \$1.6 billion during the nine-month period ended September 30, 2020, compared with \$1.7 billion during the nine-month period ended September 30, 2019.

The following tables present a summary of treasury stock activity during the nine-month periods ended September 30.

Treasury Stock Purchased

| (In millions of dollars and thousands of shares) | 2020 | 2019 |
|--|----------|----------|
| Treasury stock purchases | \$ 1,037 | \$ 1,157 |
| Number of shares purchased: | | |
| Share repurchase program | 26,108 | 23,126 |
| Other | 541 | 589 |
| Total shares purchased | 26,649 | 23,715 |

Treasury Stock Issued

| (In millions of dollars and thousands of shares) | 2020 | | | |
|--|----------|----|-------|--|
| Stock issued from treasury: | | | | |
| Cash financing | \$ 27 | \$ | 38 | |
| Noncash financing | 40 | | 38 | |
| Total stock issued from treasury | \$ 67 | \$ | 76 | |
| Number of shares issued | 1,884 | | 1,909 | |

During the first nine months of 2020, the Company repurchased 26.1 million shares of its common stock for \$1.0 billion as part of its share repurchase program. In August 2020, the Company's board of directors authorized the purchase of 100 million shares of its common stock, in addition to the 10.9 million shares that remain available for purchase under the August 2017 authorization. As of September 30, 2020, a remaining balance of 110.9 million shares of the Company's common stock was available for purchase under share repurchase authorizations by its board of directors. For information on the impact of COVID-19 on the Company's share repurchase program, see the Executive Summary section of this MD&A.

Cash dividends paid to shareholders were \$.28 per share in the third quarter of 2020, compared with \$.27 per share in the third quarter of 2019. The following table presents the dividend activity for the nine-month periods ended September 30.

| (In millions) | 2 | 2020 | 2019 |
|---|----|------|--------|
| Dividends paid in cash | \$ | 580 | \$ 579 |
| Dividends through issuance of treasury shares | | 22 | 21 |
| Total dividends to shareholders | \$ | 602 | \$ 600 |

In October 2020, the board of directors declared the fourth quarter cash dividend of \$.28 per share, an increase of 3.7% compared with the same period in 2019. The dividend is payable on December 1, 2020 to shareholders of record at the close of business on November 18, 2020.

Regulatory Restrictions

Aflac, CAIC and TOIC are domiciled in Nebraska and are subject to its regulations. Subsequent to the Japan branch conversion to a subsidiary, Aflac Japan is domiciled in Japan and subject to local regulations. A life insurance company's statutory capital and surplus is determined according to rules prescribed by the National Association of Insurance Commissioners (NAIC), as modified by the insurance department in the insurance company's state of domicile. Statutory accounting rules are different from U.S. GAAP and are intended to emphasize policyholder protection and company solvency. Similar laws apply in New York, the domiciliary jurisdiction of Aflac New York.

The continued long-term growth of the Company's business may require increases in the statutory capital and surplus of its insurance operations. Aflac's insurance operations may secure additional statutory capital through various sources, such as internally generated statutory earnings, reduced dividends paid to the Parent Company, capital contributions by the Parent Company from funds generated through debt or equity offerings, or reinsurance transactions. The NAIC's RBC formula is used by insurance regulators to help identify inadequately capitalized insurance companies. The RBC formula quantifies insurance risk, business risk, asset risk and interest rate risk by weighing the types and mixtures of risks inherent in the insurer's operations. As of September 30, 2020, Aflac's RBC ratio remains high and reflects a strong capital and surplus position.

The maximum amount of dividends that can be paid to the Parent Company by Aflac, CAIC and TOIC without prior approval of Nebraska's director of insurance is the greater of the net income from operations, which excludes net investment gains, for the previous year determined under statutory accounting principles, or 10% of statutory capital and surplus as of the previous year-end. Dividends declared by Aflac during 2020 in excess of \$864 million would be considered extraordinary and require such approval. Similar laws apply in New York, the domiciliary jurisdiction of Aflac New York.

In addition to limitations and restrictions imposed by U.S. insurance regulators, the Japan subsidiary is required to meet certain financial criteria as governed by Japanese corporate law in order to provide dividends to the Parent Company. Under these criteria, dividend capacity at the Japan subsidiary is basically defined as total equity excluding common stock, accumulated other comprehensive income amounts, capital reserves (representing statutorily required amounts in Japan) but reduced for net after-tax unrealized losses on available-for-sale securities. These dividend capacity requirements are generally aligned with the SMR. Japan's FSA maintains its own solvency standard which is quantified through the SMR. Aflac Japan's SMR is sensitive to interest rate, credit spread, and foreign exchange rate changes, therefore the Company continues to evaluate alternatives for reducing this sensitivity, including the reduction of subsidiary dividends paid to the Parent Company and Parent Company capital contributions. In the event of a rapid change in market risk conditions causing SMR to decline, the Company has one senior unsecured revolving credit facility in the amount of ¥100 billion and a committed reinsurance facility in the amount of approximately ¥120 billion as a capital contingency plan. Additionally, the Company could take action to enter into derivatives on unhedged U.S. dollar-denominated investments

with foreign currency options or forwards. (See Notes 7 and 8 of the Notes to the Consolidated Financial Statements for additional information.)

The Company has already undertaken various measures to mitigate the sensitivity of Aflac Japan's SMR. For example, the Company employs policy reserve matching (PRM) investment strategies, which is a Japan-specific accounting treatment that reduces SMR interest rate sensitivity since PRM-designated investments are carried at amortized cost consistent with corresponding liabilities. In order for a PRM-designated asset to be held at amortized cost, there are certain criteria that must be maintained. The primary criterion relates to maintaining the duration of designated assets and liabilities within a specified tolerance range. If the duration difference is not maintained within the specified range without rebalancing, then a certain portion of the assets must be reclassified as available for sale and held at fair value with any associated unrealized gain or loss recorded in surplus. To rebalance, assets may need to be sold in order to maintain the duration with the specified range, resulting in realizing a gain or loss from the sale. For U.S. GAAP, PRM investments are categorized as available for sale. The Company also uses foreign currency derivatives to hedge a portion of its U.S. dollar-denominated investments. (See Notes 3, 4 and 8 of the Notes to the Consolidated Financial Statements in the 2019 Annual Report for additional information on the Company's investment strategies, hedging activities, and reinsurance, respectively.)

As of September 30, 2020, Aflac Japan's SMR remains high and reflects a strong capital and surplus position. The Company is committed to maintaining strong capital levels throughout the pandemic. For additional information see the Executive Summary COVID-19 section of this MD&A.

Privacy and Cybersecurity Governance

The Company's Board of Directors have adopted an information security policy directing management to establish and operate a global information security program with the goals of monitoring existing and emerging threats and ensuring that the Company's information assets and data, and the data of its customers, are appropriately protected from loss or theft. The Board has delegated oversight of the Company's information security program to the Audit and Risk Committee. The Company's senior officers, including its Global Security and Chief Information Security Officer, are responsible for the operation of the global information security program and regularly communicate with the Audit and Risk Committee on the program, including with respect to the state of the program, compliance with applicable regulations, current and evolving threats, and recommendations for changes in the information security program. The global information security program also includes a cybersecurity incident response plan that is designed to provide a management framework across Company functions for a coordinated assessment and response to potential security incidents. This framework establishes a protocol to report certain incidents to the Global Security and Chief Information Security Officer and other senior officers, with the goal of timely assessing such incidents, determining applicable disclosure requirements and communicating with the Audit and Risk Committee. The incident response plan directs the executive officers to report certain incidents immediately and directly to the Lead Non-Management Director.

Other

For information regarding commitments and contingent liabilities, see Note 13 of the Notes to the Consolidated Financial Statements.

Additional Information

Investors should note that the Company announces material financial information in its SEC filings, press releases and public conference calls. In accordance with SEC guidance, the Company may also use the Investor Relations section of the Company's website (http://investors.aflac.com) to communicate with investors about the Company. It is possible that the financial and other information the Company posts there could be deemed to be material information. The information on the Company's website is not part of this document. Further, the Company's references to website URLs are intended to be inactive textual references only.

CRITICAL ACCOUNTING ESTIMATES

The Company prepares its financial statements in accordance with U.S. GAAP. These principles are established primarily by the FASB. In this MD&A, references to U.S. GAAP issued by the FASB are derived from the FASB Accounting Standards Codification™ (ASC). The preparation of financial statements in conformity with U.S. GAAP requires the Company to make estimates based on currently available information when recording transactions resulting from business operations. The estimates that the Company deems to be most critical to an understanding of Aflac's results of operations and financial condition are those related to the valuation of investments and derivatives, DAC, liabilities for future policy benefits and unpaid policy claims, and income taxes. The preparation and evaluation of these critical accounting estimates involve the use of various assumptions developed from management's analyses and judgments. The application of these critical accounting estimates determines the values at which 94% of the Company's assets and 81% of its liabilities are reported as of September 30, 2020, and thus has a direct effect on net earnings and shareholders' equity. Subsequent experience or use of other assumptions could produce significantly different results.

As of September 30, 2020, the Company refined its valuation model for private placements to explicitly incorporate currency basis swap adjustments (market observable data) to assumed interest rate curves where appropriate as noted in Note 5 of the Notes to the Consolidated Financial Statements.

On September 29, 2020, the U.S. Treasury and Internal Revenue Service issued Final and Proposed Regulations. Under the guidance of these regulations, the Company will recognize a one-time income tax benefit of \$1.4 billion due to the release of previously established valuation allowances related to deferred foreign tax credit benefits. As a result, adjusted earnings benefited in the current period from a lower effective tax rate, and the Company believes this will also reduce the effective tax rate in future periods, subject to any future changes in the U.S. tax policy. For additional information on income tax and the effects of the income tax benefit during the period ended September 30, 2020, see Note 9 of the Notes to the Consolidated Financial Statements presented in this report.

There have been no changes in the items the Company has identified as critical accounting estimates during the nine months ended September 30, 2020, with the exception of the recognition of lifetime credit losses required in accordance with the adoption of ASC 326 - Financial Instruments - Credit Losses and, as noted above, the Company's refined valuation model for its private placements and the recognition of a \$1.4 billion income tax benefit as a result of the issuance of Final and Proposed Regulations by the U.S. Treasury and Internal Revenue Service. See Note 3 of the Notes to the Consolidated Financial Statements for further information on the Company's current expected credit loss estimation methodology. For additional information, see the Critical Accounting Estimates section of MD&A included in the 2019 Annual Report.

New Accounting Pronouncements

For information on new accounting pronouncements and the impact, if any, on the Company's financial position or results of operations, see Note 1 of the Notes to the Consolidated Financial Statements.

Item 3. Quantitative and Qualitative Disclosures about Market Risk

The Company is exposed primarily to the following types of market risks: currency risk, interest rate risk, credit risk and equity risk. The Company regularly monitors its market risks and uses a variety of strategies to manage its exposure to these market risks. A description of the Company's market risk exposures may be found under "Quantitative and Qualitative Disclosures About Market Risk" in Part II, Item 7A, of the 2019 Annual Report. There have been no changes to the Company's market risk exposures from the market risk exposures previously disclosed in the 2019 Annual Report except as outlined below.

As a result of recent market volatility caused by the COVID-19 pandemic, the Company has marginally widened and lowered the size of the collars it maintains on a portion of its US dollar program to mitigate against more extreme moves in foreign exchange rates. The Company is evaluating other adjustments to mitigate currency risk, including the possibility of hedging additional U.S. dollar-denominated investments.

Item 4. Controls and Procedures

Disclosure Controls and Procedures

The Company's management, with the participation of the Company's Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the Company's disclosure controls and procedures (as such term is defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)) as of the end of the period covered by this quarterly report (the Evaluation Date). Based on such evaluation, the Company's Chief Executive Officer and Chief Financial Officer have concluded that, as of the Evaluation Date, the Company's disclosure controls and procedures are effective.

Changes in Internal Control Over Financial Reporting

There have not been any changes in the Company's internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Exchange Act) during the third fiscal quarter of 2020 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

The Company is a defendant in various lawsuits considered to be in the normal course of business. Members of the Company's senior legal and financial management teams review litigation on a quarterly and annual basis. The final results of any litigation cannot be predicted with certainty. Although some of this litigation is pending in states where large punitive damages, bearing little relation to the actual damages sustained by plaintiffs, have been awarded in recent years, the Company believes the outcome of pending litigation will not have a material adverse effect on its financial position, results of operations, or cash flows.

Item 1A. Risk Factors

Readers should carefully consider the risk factors that may affect the Company's business or operations described under "Risk Factors" in Part I, Item 1A. of the Company's 2019 Annual Report on Form 10-K for the year ended December 31, 2019 and in Part II, Item 1A. of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2020.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds **Issuer Purchases of Equity Securities**

During the first nine months of 2020, the Company repurchased shares of its common stock as follows:

| Period | Total Number of Shares Purchased | Average Price Paid Per Share | Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs | Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs |
|----------------------------|---|------------------------------------|--|--|
| January 1 - January 31 | 3,906,085 | \$ 52.61 | 3,906,085 | 33,147,528 |
| February 1 - February 29 | 2,870,531 | 50.93 | 2,367,300 | 30,780,228 |
| March 1 - March 31 | 3,715,439 | 33.46 | 3,710,430 | 27,069,798 |
| April 1 - April 30 | 1,890,000 | 35.74 | 1,890,000 | 25,179,798 |
| May 1 - May 31 | 1,721,653 | 34.95 | 1,720,900 | 23,458,898 |
| June 1 - June 30 | 1,609,905 | 37.48 | 1,597,741 | 21,861,157 |
| July 1 - July 31 | 2,045,100 | 35.76 | 2,045,100 | 19,816,057 |
| August 1 - August 31 | 3,929,149 | 36.98 | 3,913,300 | 115,903,549 |
| September 1 - September 30 | 4,961,219 | 36.79 | 4,957,427 | 110,946,122 |
| Total | 26,649,081 ⁽¹⁾ | \$ 39.96 | 26,108,283 | 110,946,122 ⁽²⁾ |

⁽¹⁾ During the first nine months of 2020, 540,798 shares were purchased in connection with income tax withholding obligations related to the vesting of restricted-share-

based awards during the period.

(2) The total remaining shares available for purchase at September 30, 2020, consisted of 10,946,122 shares related to an 80,000,000 share repurchase authorization by the board of directors announced in 2017 and 100,000,000 shares related to a 100,000,000 share repurchase authorization by the board of directors announced in August 2020.

Item 6. Exhibits

| (a) EXHIBIT INDEX | |
|-------------------|---|
| <u>3.0</u> | - Articles of Incorporation, as amended – incorporated by reference from Form 10-Q for June 30, 2008, Exhibit 3.0. |
| <u>3.1</u> | Bylaws of the Corporation, as amended and restated – incorporated by reference from Form 8-K dated April 6, 2020, Exhibit 3.1. |
| 4.0 | There are no instruments with respect to long-term debt not being registered in which the total amount of securities authorized exceeds 10% of the total assets of Aflac Incorporated and its subsidiaries on a consolidated basis. The Company agrees to furnish a copy of any long-term debt instrument to the Securities and Exchange Commission upon request. |
| <u>31.1</u> | Certification of CEO dated October 29, 2020, required by Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934. |
| <u>31.2</u> | Certification of CFO dated October 29, 2020, required by Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934. |
| <u>32</u> | Certification of CEO and CFO dated October 29, 2020, pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 101.INS | XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. |
| 101.SCH | - Inline XBRL Taxonomy Extension Schema. |
| 101.CAL | - Inline XBRL Taxonomy Extension Calculation Linkbase. |
| 101.DEF | - Inline XBRL Taxonomy Extension Definition Linkbase. |
| 101.LAB | - Inline XBRL Taxonomy Extension Label Linkbase. |
| 101.PRE | - Inline XBRL Taxonomy Extension Presentation Linkbase. |
| 104 | - Cover Page Interactive Data File - formatted as Inline XBRL and contained in Exhibit 101. |

Glossary of Selected Terms

Throughout this Quarterly Report on Form 10-Q, the Company may use certain performance metrics and other terms which are defined below.

Adjusted Earnings Per Diluted Share Excluding the Impact of Foreign Currency - Adjusted earnings are adjusted revenues less benefits and adjusted expenses. The adjustments to both revenues and expenses account for certain items that cannot be predicted or that are outside management's control. Adjusted revenues are U.S. GAAP total revenues excluding net investment gains and losses, except for amortized hedge costs/income related to foreign currency exposure management strategies and net interest cash flows from derivatives associated with certain investment strategies. Adjusted expenses are U.S. GAAP total acquisition and operating expenses including the impact of interest cash flows from derivatives associated with notes payable but excluding any nonrecurring or other items not associated with the normal course of the company's insurance operations and that do not reflect Aflac's underlying business performance. The most comparable U.S. GAAP measure is net earnings. Adjusted earnings per share (basic or diluted) are the adjusted earnings for the period divided by the weighted average outstanding shares (basic or diluted) for the period presented. The most comparable U.S. GAAP measure is net earnings per share. This metric is then adjusted using the average yen/dollar exchange rate for the comparable prior year period, which eliminates dollar based fluctuations driven solely from currency rate changes.

Adjusted Net Investment Income - Net Investment Income adjusted for amortized hedge cost/income related to foreign currency exposure management strategies and certain derivative activity and net interest cash flows from foreign currency and interest rate derivatives associated with certain investment strategies, which are reclassified from net investment gains and (losses) to net investment income. The metric is used in segment reporting as a component of segment profitability.

Affiliated Corporate Agency – Agency in Japan directly affiliated with a specific corporation that sells insurance policies primarily to its employees.

Annualized Premiums in Force – the amount of gross premium that a policyholder must pay over a full year in order to keep coverage. The growth of net premiums (defined below) is directly affected by the change in premiums in force and by the change in weighted-average yen/dollar exchange rates.

Average Weekly Producer – The total number of writing associates who have produced greater than \$0.00 during the production week - excluding any manual adjustments divided by the number of weeks in

the time period. The Company believes this metric allows sales management to monitor progress and needs, as well as serve as a leading indicator of future production capacity.

Capital Buffer – Established dollar amount of liquidity at the Parent Company reserved for injecting capital into the insurance entities or general liquidity support for general expenses at the Parent Company. Currently, the capital buffer is \$1.0 billion and is part of \$2.0 billion minimum balance at the Parent Company.

Earnings Per Basic Share – Net earnings divided by weighted-average number of shares outstanding for the period.

Earnings Per Diluted Share – Net earnings divided by the weightedaverage number of shares outstanding for the period plus the weightedaverage shares for the dilutive effect of share-based awards outstanding.

Group Insurance – Insurance issued to a group, such as an employer or trade association, that covers employees or association members and their dependents through certificates of coverage.

Individual Insurance – Insurance issued to an individual with the policy designed to cover that person and his or her dependents.

In-force Policies – A count of policies that are active contracts at the end of a period.

Liquidity Support – Internally defined and established dollar amount of liquidity reserved for supporting potential collateral and settlements of derivatives at the Parent Company. Currently, the liquidity support is \$1.0 billion and is part of the \$2.0 billion minimum balance at the Parent Company.

Net Investment Income - The income derived from interest and dividends on invested assets, after deducting investment expenses.

Net Premiums – (sometimes referred to as net premium income or net earned premiums) is a financial measure that appears on the Company's Consolidated Statements of Earnings and in its segment reporting. This measure reflects collected or due premiums that have been earned ratably on policies in force during the reporting period, reduced by premiums that have been ceded to third parties and increased by premiums assumed through reinsurance.

New Annualized Premium Sales – (sometimes referred to as new sales or sales) An operating measure that is not reflected on the Company's financial statements. New annualized premium sales generally represent annual premiums on policies the Company sold and incremental increases from policy conversions that

would be collected over a 12-month period assuming the policies remain in force for that entire period. For Aflac Japan, new annualized premium sales are determined by applications submitted during the reporting period. For Aflac U.S., new annualized premium sales are determined by applications. that are issued during the reporting period. Policy conversions are defined as the positive difference in the annualized premium when a policy upgrades in the current reporting period.

New Money Yield – Gross yields earned on purchases of fixed maturities, loan receivables, and equities. Purchases exclude capitalized interest, securities lending/repurchase agreements, short-term/cash activity, and alternatives. New money yield for equities is based on the assumed dividend yield at the time of purchase. The new money yield for Aflac Japan excludes the impact of any derivatives and associated amortized hedge costs associated with USD-denominated investments. Management uses this metric as a leading indicator of future investment earning potential.

Operating Ratios – Used to evaluate the Company's financial condition and profitability. Examples include: (1) Ratios to total adjusted revenues, which present expenses as a percentage of total revenues and (2) Ratios to total premium, including benefit ratio.

Persistency – Percentage of premiums remaining in force at the end of a period, usually one year. For example, 95% persistency would mean that 95% of the premiums in force at the beginning of the period were still in force at the end of the period.

Pretax Adjusted Earnings – Earnings as adjusted earnings (as defined above) before the application of income taxes.

Pretax Adjusted Profit Margin – Adjusted earnings divided by adjusted revenues, before taxes are applied. This measure is used in Aflac's segment reporting.

Return on Average Invested Assets – Net investment income as a percentage of average invested assets during the period. Management uses this metric to demonstrate how our actual net investment income results represent an overall return on the portfolio to provide a more comparative metric as the size of our investment portfolio changes over time.

Risk-based Capital (RBC) Ratio – Statutory adjusted capital divided by statutory required capital. This insurance ratio is based on rules prescribed by the National Association of Insurance Commissioners (NAIC) and provides an indication of the amount of statutory capital the insurance company maintains, relative to the inherent risks in the insurer's operations.

Solvency Margin Ratio (SMR) – Solvency margin total divided by one half of the risk total. This insurance ratio

is prescribed by the Japan Financial Services Agency (FSA) and is used for all life insurance companies in Japan to measure the adequacy of the company's ability to pay policyholder claims in the event actual risks exceed expected levels.

Statutory Earnings – Earnings determined according to accounting rules prescribed by the National Association of Insurance Commissioners (NAIC), as modified by the insurance department in the insurance company's state of domicile. These statutory accounting rules are different from U.S. GAAP and are intended to emphasize policyholder protection and company solvency.

Weighted-Average Foreign Currency Exchange Rate —Japan segment operating earnings for the period (excluding hedge costs) in yen divided by Japan segment operating earnings for the period (excluding hedge costs) in dollars. Management uses this metric to evaluate and determine consolidated results on foreign currency effective basis.

Defined Terms

Throughout this Quarterly Report on Form 10-Q, the Company may use abbreviations, acronyms and defined terms which are defined below.

AFS Available-for-Sale

AOCI Accumulated Other Comprehensive Income

ASC Accounting Standards Codification
ASU Accounting Standards Update

CARES Coronavirus Aid, Relief, and Economic Security

CDSs Credit Default Swaps
CMLs Commercial Mortgage Loans
CSAs Credit Support Annexes

DAC Deferred Policy Acquisition Costs
DSCR Debt Service Coverage Ratios

EPS Earnings Per Share

FASB Financial Accounting Standard Boards
FHLB Federal Home Loan Bank of Atlanta
FSA Japanese Financial Services Agency

HTM Held-to-Maturity

ISDA International Swaps and Derivatives Association, Inc.

ISOsIncentive Stock OptionsJapan Post HoldingsJapan Post Holdings Co., Ltd.JGBJapan Government BondLGDLoss-Given-Default

LIBOR London Interbank Offered Rate

LIPPC Life Insurance Policyholder Protection Corporation

LTV Loan-to-Value

MD&A Management's Discussion and Analysis of Financial Condition and Results of Operations

MMLs Middle Market Loans
MOF Ministry of Finance

NAIC National Association of Insurance Commissioners

NOLHGA National Organization of Life and Health Guaranty Associations

NQSOs Non-qualifying Stock Options

NRSROs Nationally Recognized Statistical Rating Organizations

OTC Over-the-Counter

PCD Financial Assets Purchased Credit-Deteriorated Financial Assets

PD Probability-of-Default
PPP Paycheck Protection Program
PRM Policy Reserve Matching
RBC Risk-Based Capital
S&P Standard & Poor's

SEC Securities and Exchange Commission
SMI Solvency Modernization Initiative

SMR Solvency Margin Ratio

The Plan Aflac Incorporated Long-Term Incentive Plan

TIBOR Tokyo Interbank Market Rate

TDRs Trouble Debt Restructurings

TREs Transitional Real Estate Loans

TTM Telegraphic Transfer Middle Rate

U.S. GAAP

U.S. Generally Accepted Accounting Principles

VIEs Variable Interest Entities

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

| | Aflac Incorporated |
|------------------|---|
| October 29, 2020 | /s/ Max K. Brodén |
| | (Max K. Brodén) |
| | Executive Vice President; Chief Financial Officer |
| October 29, 2020 | /s/ June Howard |
| | (June Howard) |
| | Senior Vice President, Financial Services; Chief Accounting Officer |