

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**FORM 8-K**

**Current Report  
Pursuant To Section 13 or 15 (d)  
of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): October 29, 2019**

**Chubb Limited**

(Exact name of registrant as specified in its charter)

**Switzerland**  
(State or other jurisdiction  
of Incorporation)

**1-11778**  
(Commission  
File Number)

**98-0091805**  
(I.R.S. Employer  
Identification No.)

**Baerengasse 32  
CH-8001 Zurich, Switzerland**  
(Address of principal executive offices)

**Registrant's telephone number, including area code: +41 (0)43 456 76 00**

**Not applicable**  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common Shares, par value CHF 24.15 per share	CB	New York Stock Exchange

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR 230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR 240.12b-2).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**Item 2.02. Results of Operations and Financial Condition**

On October 29, 2019, Chubb Limited issued a Press Release reporting its third quarter 2019 results and the availability of its third quarter 2019 Financial Supplement. The Press Release and the Financial Supplement are attached hereto as Exhibit 99.1 and Exhibit 99.2, respectively, and are hereby incorporated herein by reference.

The information furnished pursuant to this Item 2.02, including Exhibit 99.1 and Exhibit 99.2, shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934 (the “Exchange Act”) or otherwise subject to the liabilities under that Section and shall not be deemed to be incorporated by reference into any filing of the Company under the Securities Act of 1933 or the Exchange Act.

**Item 9.01. Financial Statements and Exhibits**

*(d) Exhibits*

<u>Exhibit Number</u>	<u>Description</u>
99.1	<a href="#">Press Release, Dated October 29, 2019, Reporting Third Quarter 2019 Results</a>
99.2	<a href="#">Third Quarter 2019 Financial Supplement</a>
104	Cover Page Interactive Data File (the cover page XBRL tags are embedded within the Inline XBRL document)

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**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 hereunto duly authorized.

Chubb Limited

By: /s/ Philip V. Bancroft

**Philip V. Bancroft**

Executive Vice President and Chief Financial Officer

DATE: October 29, 2019



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## News Release

### **Chubb Reports Third Quarter Net Income Per Share of \$2.38, Down 9.8%, and Core Operating Income Per Share of \$2.70, Up 12%; Consolidated Net Premiums Written of \$8.6 Billion, Up 6.3%, or 7.3% in Constant Dollars**

- Net income was \$1.1 billion, down 11.4%, and core operating income was \$1.2 billion, up 10.2%. Net income was unfavorably impacted by mark-to-market losses of \$119 million, principally related to the company's variable annuity reinsurance portfolio, compared to adjusted realized gains of \$165 million in the prior year.
- P&C net premiums written were \$8.0 billion, up 6.2%, or 7.2% in constant dollars.
- P&C underwriting income was \$754 million, up 12.6%, and Global P&C underwriting income, which excludes Agriculture, was \$753 million, up 27.7%.
- P&C combined ratio was 90.2% compared with 90.9% prior year, reflecting lower catastrophe losses and higher crop insurance losses. P&C current accident year combined ratio excluding catastrophe losses was 89.5% compared with 88.2% prior year.
- Global P&C combined ratio, which excludes Agriculture, was 88.9% compared with 90.9% prior year. Global P&C current accident year combined ratio excluding catastrophe losses was 88.3% compared with 87.9% prior year.
- Pre-tax catastrophe losses were \$232 million, or \$191 million after-tax, compared with \$450 million, or \$372 million after-tax, prior year. In addition, Agriculture underwriting income was adversely impacted predominantly by crop insurance weather conditions resulting in underwriting income of \$1 million compared with \$79 million in the prior year.
- Net investment income was \$873 million pre-tax, up 6.0%, and adjusted net investment income was \$910 million pre-tax, up 3.1%.

**ZURICH – October 29, 2019** – Chubb Limited (NYSE: CB) today reported net income for the quarter ended September 30, 2019 of \$1,091 million, or \$2.38 per share, compared with \$1,231 million, or \$2.64 per share, for the same quarter last year. Core operating income was \$1,236 million, or \$2.70 per share, compared with \$1,122 million, or \$2.41 per share, for the same quarter last year. The property and casualty (P&C) combined ratio was 90.2% and the Global P&C combined ratio, which excludes Agriculture, was 88.9%. Book and tangible book value per share increased 2.0% and 3.3%, respectively, from June 30, 2019 and now stand at \$120.33 and \$76.21, respectively. Several factors positively impacted book value in the quarter contributing to

an increase of \$263 million after-tax. Net realized and unrealized gains of \$503 million in the company's investment portfolio, due to a decline in interest rates, were partially offset by mark-to-market losses in the company's variable annuity reinsurance portfolio of \$112 million and unfavorable foreign currency movement of \$116 million. Annualized ROE and core operating ROE were 8.1% and 9.5%, respectively. Annualized core operating return on tangible equity was 15.6%.

### Chubb Limited

#### Third Quarter Summary

(in millions of U.S. dollars, except per share amounts)

(Unaudited)

	2019	2018	Change	(Per Share - Diluted)		
				2019	2018	Change
Net income	\$1,091	\$1,231	(11.4)%	\$2.38	\$2.64	(9.8)%
Chubb integration expenses, net of tax	2	14	(85.7)%	—	0.03	NM
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of tax	24	42	(42.9)%	0.06	0.09	(33.3)%
Adjusted net realized (gains) losses, net of tax	119	(165)	NM	0.26	(0.35)	NM
Core operating income, net of tax	\$1,236	\$1,122	10.2%	\$2.70	\$2.41	12.0%

For the three months ended September 30, 2019 and 2018, the tax expenses (benefits) related to the table above were nil and \$(2) million, respectively, for Chubb integration expenses; \$(8) million and \$(12) million, respectively, for amortization of fair value adjustment of acquired invested assets and long-term debt; \$19 million and \$14 million, respectively, for adjusted net realized gains and losses; and \$219 million and \$183 million, respectively, for core operating income.

For the nine months ended September 30, 2019, net income was \$3,281 million, or \$7.13 per share, compared with \$3,607 million, or \$7.71 per share, for 2018. Core operating income was \$3,601 million, or \$7.83 per share, compared with \$3,472 million, or \$7.42 per share, for 2018. The P&C combined ratio was 89.9% and the Global P&C combined ratio, which excludes Agriculture, was 89.7%. Book and tangible book value per share increased 9.8% and 15.7%, respectively, from December 31, 2018. Book value per share was favorably impacted by net realized and unrealized gains of \$3.0 billion after-tax in the company's investment portfolio, principally due to a decline in interest rates.

**Chubb Limited**  
**Nine Months Ended Summary**  
**(in millions of U.S. dollars, except per share amounts)**  
**(Unaudited)**

	2019	2018	Change	(Per Share - Diluted)		
				2019	2018	Change
Net income	\$3,281	\$3,607	(9.1)%	\$7.13	\$7.71	(7.5)%
Chubb integration expenses, net of tax	7	32	(78.1)%	0.02	0.07	(71.4)%
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of tax	89	133	(33.1)%	0.19	0.29	(34.5)%
Adjusted net realized (gains) losses, net of tax	224	(300)	NM	0.49	(0.65)	NM
Core operating income, net of tax	\$3,601	\$3,472	3.7%	\$7.83	\$7.42	5.5%

*For the nine months ended September 30, 2019 and 2018, the tax expenses (benefits) related to the table above were \$(2) million and \$(7) million, respectively, for Chubb integration expenses; \$(22) million and \$(32) million, respectively, for amortization of fair value adjustment of acquired invested assets and long-term debt; \$13 million and \$25 million, respectively, for adjusted net realized gains and losses; and \$637 million and \$550 million, respectively, for core operating income.*

Evan G. Greenberg, Chairman and Chief Executive Officer of Chubb Limited, commented: “Our third quarter results were highlighted by core operating earnings that were up double-digit over prior year and excellent premium revenue growth in many areas of our company. Core operating income of \$2.70 per share, up 12%, was driven by strong contributions from underwriting and investment income. Our P&C combined ratio of 90.2% benefited from lower year-on-year catastrophe losses, offset partially by higher losses in crop insurance, another CAT-like risk.

“P&C net premiums written were up over 7% in constant dollars. Growth was distributed broadly across the globe, with net premiums up 6.5% in our North America insurance operations, up circa 10% in Asia and Latin America, and up 8% and 6%, respectively, in the U.K. and on the European Continent. We benefited from an improved pricing and underwriting environment and a flight to quality from commercial insurance buyers who are more often choosing Chubb. Pricing continued to firm in the quarter – in many cases at double or greater the rate of the first quarter – with rate increases accelerating and spreading to more classes of business. We are also benefiting from our many product, customer and distribution-related growth initiatives in the U.S., Asia and Latin America.

“Book and tangible book value per share were up 2% and 3.3%, respectively, in the quarter, and are up 9.8% and 15.7% for the year. While benefiting temporarily our company’s book value growth, prolonged low interest rates, a result of overreliance on monetary policy, have penalized savers and led to misallocation of capital and overvaluation of assets without substantially supporting business investment and economic growth.

“Our company is in great shape and we are executing at a high level.”

Operating highlights for the quarter ended September 30, 2019 were as follows:

**Chubb Limited**

(in millions of U.S. dollars except for percentages)

	Q3 2019	Q3 2018	Change
<b>P&amp;C</b>			
Net premiums written (increase of 7.2% in constant dollars)	\$ 8,010	\$ 7,546	6.2%
Underwriting income	\$ 754	\$ 669	12.6%
Combined ratio	90.2%	90.9%	
Current accident year underwriting income excluding catastrophe losses	\$ 819	\$ 876	(6.5)%
Current accident year combined ratio excluding catastrophe losses	89.5%	88.2%	

**Global P&C (excludes Agriculture)**

Net premiums written (increase of 7.3% in constant dollars)	\$ 7,072	\$ 6,662	6.2%
Underwriting income	\$ 753	\$ 590	27.7%
Combined ratio	88.9%	90.9%	
Current accident year underwriting income excluding catastrophe losses	\$ 797	\$ 790	0.9%
Current accident year combined ratio excluding catastrophe losses	88.3%	87.9%	

**North America Agricultural Insurance**

Net premiums written	\$ 938	\$ 884	6.2%
Underwriting income	\$ 1	\$ 79	(98.8)%
Combined ratio	99.9%	90.7%	
Current accident year combined ratio excluding catastrophe losses	97.7%	89.9%	

- Net premiums earned increased 5.3%, or 6.3% in constant dollars.
- Total pre-tax and after-tax catastrophe losses were \$232 million (3.0 percentage points of the combined ratio) and \$191 million, respectively, compared with \$450 million (6.1 percentage points of the combined ratio) and \$372 million, respectively, last year.
- Total pre-tax and after-tax favorable prior period development were \$167 million (2.3 percentage points of the combined ratio) and \$112 million, respectively, compared with \$243 million (3.4 percentage points of the combined ratio) and \$180 million, respectively, last year.
- Net investment income was \$873 million, pre-tax, and adjusted net investment income was \$910 million, pre-tax, which was above the guidance range principally due to higher private equity distributions and increased call activity in the company's corporate bond portfolio.
- Operating cash flow was \$2.2 billion.
- Share repurchases totaled \$478 million during the quarter at an average purchase price of \$155.16 per share, and \$1.2 billion through September 30, 2019 at an average purchase price of \$145.08 per share.

Details of financial results by business segment are available in the Chubb Limited Financial Supplement. Key segment items for the quarter ended September 30, 2019 are presented below:

**Chubb Limited**

(in millions of U.S. dollars except for percentages)

	Q3 2019	Q3 2018	Change
<b><u>Total North America P&amp;C Insurance</u></b>			
Net premiums written	\$ 5,641	\$ 5,301	6.4%
Combined ratio	88.3%	89.9%	
Current accident year combined ratio excluding catastrophe losses	88.0%	86.4%	
<b><u>North America Commercial P&amp;C Insurance</u></b>			
Net premiums written	\$ 3,452	\$ 3,199	7.9%
Major accounts retail and excess and surplus (E&S) wholesale	\$ 2,029	\$ 1,851	9.6%
Middle market and small commercial	\$ 1,423	\$ 1,348	5.6%
Combined ratio	86.9%	85.8%	
Current accident year combined ratio excluding catastrophe losses	87.6%	86.7%	
<b><u>North America Personal P&amp;C Insurance</u></b>			
Net premiums written	\$ 1,251	\$ 1,218	2.7%
Net premiums written adjusted primarily for additional reinsurance in 2019			3.9%
Combined ratio	83.1%	99.8%	
Current accident year combined ratio excluding catastrophe losses	81.3%	83.2%	
<b><u>North America Agricultural Insurance</u></b>			
Net premiums written	\$ 938	\$ 884	6.2%
Combined ratio	99.9%	90.7%	
Current accident year combined ratio excluding catastrophe losses	97.7%	89.9%	
<b><u>Overseas General Insurance</u></b>			
Net premiums written	\$ 2,228	\$ 2,081	7.1%
Net premiums written in constant dollars			10.7%
Combined ratio	90.5%	90.3%	
Current accident year combined ratio excluding catastrophe losses	90.0%	90.0%	

- North America Commercial P&C Insurance: The current accident year combined ratio excluding catastrophe losses was 87.6% compared with 86.7% in the prior year. The increase of 0.9 percentage point was due to a 2.0 percentage point increase in the loss ratio, reflecting higher than expected commercial property losses, partially offset by a decrease of 1.1 percentage points in the expense ratio.
- North America Personal P&C Insurance: The current accident year combined ratio excluding catastrophe losses was 81.3% compared with 83.2% in the prior year, due to a lower loss ratio. The third quarter 2018 current accident year loss ratio excluding catastrophe losses was elevated due to the increased frequency and severity of homeowners losses, primarily non-catastrophe water and fire losses.



- North America Agricultural Insurance: The current accident year combined ratio excluding catastrophe losses was 97.7%, compared with 89.9% in the prior year. The increase of 7.8 percentage points was principally due to the downward revision in the 2019 crop year margin estimate reflecting the adverse impact of weather conditions.
- Global Reinsurance: Net premiums written were \$141 million, down 14.0%, or 12.8% in constant dollars, primarily due to the timing of a treaty renewal, which was written in the third quarter of 2018. The combined ratio was 81.1% compared with 86.7% prior year. The current accident year combined ratio excluding catastrophe losses was 82.1%, compared with 82.8% prior year.
- Life Insurance: Net premiums written were \$612 million, up 8.5%, or 9.1% in constant dollars, principally reflecting growth in the Asian international life operations. Segment income was \$95 million, up 20.9%. International life insurance segment income was \$40 million, up 43.5%.

Please refer to the Chubb Limited [Financial Supplement](#), dated September 30, 2019, which is posted on the company's investor relations website, [investors.chubb.com](http://investors.chubb.com), in the Financials section for more detailed information on individual segment performance, together with additional disclosure on reinsurance recoverable, loss reserves, investment portfolio, and debt and capital.

Chubb Limited will hold its third quarter earnings conference call on Wednesday, October 30, 2019 beginning at 8:30 a.m. Eastern. The earnings conference call will be available via live webcast at [investors.chubb.com](http://investors.chubb.com) or by dialing 800-479-1004 (within the United States) or 323-794-2598 (international), passcode 1608832. Please refer to the Chubb investor relations website under Events and Presentations for details. A replay of the call will be available until Wednesday, November 13, 2019 and the archived webcast will be available for approximately one month. To listen to the replay, please [click here](#) to register and receive dial-in numbers.

## **About Chubb**

Chubb is the world's largest publicly traded property and casualty insurance company. With operations in 54 countries and territories, Chubb provides commercial and personal property and casualty insurance, personal accident and supplemental health insurance, reinsurance and life insurance to a diverse group of clients. As an underwriting company, we assess, assume and manage risk with insight and discipline. We service and pay our claims fairly and promptly. The company is also defined by its extensive product and service offerings, broad distribution capabilities, exceptional financial strength and local operations globally. Parent company Chubb Limited is listed on the New York Stock Exchange (NYSE: CB) and is a component of the S&P 500 index. Chubb maintains executive offices in Zurich, New York, London, Paris and other locations, and employs more than 30,000 people worldwide. Additional information can be found at: [www.chubb.com](http://www.chubb.com).

## **Investor Contact**

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**All comparisons are with the same period last year unless otherwise specifically stated.**

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### **Regulation G - Non-GAAP Financial Measures**

In presenting our results, we included and discussed certain non-GAAP measures. These non-GAAP measures, which may be defined differently by other companies, are important for an understanding of our overall results of operations and financial condition. However, they should not be viewed as a substitute for measures determined in accordance with generally accepted accounting principles (GAAP).

Throughout this document there are various measures presented on a constant-dollar basis (i.e., excludes the impact of foreign exchange). We believe it is useful to evaluate the trends in our results exclusive of the effect of fluctuations in exchange rates between the U.S. dollar and the currencies in which our international business is transacted, as these exchange rates could fluctuate significantly between periods and distort the analysis of trends. The impact is determined by assuming constant foreign exchange rates between periods by translating prior period results using the same local currency exchange rates as the comparable current period.

Net premiums written adjusted primarily for additional reinsurance in 2019 is net premiums written in the company's North America Personal P&C Insurance segment, adjusted to exclude the year-over-year net impact totaling \$15 million comprising of additional reinsurance in 2019 and reinstatement premiums. We believe this measure is meaningful to evaluate trends in the underlying business on a comparable basis.

Adjusted net investment income is net investment income excluding the amortization of the fair value adjustment on acquired invested assets from the acquisition of The Chubb Corporation (Chubb Corp) of \$37 million in Q3 2019 and \$126 million for the nine months ended September 30, 2019. We believe this measure is meaningful as it highlights the underlying performance of our invested assets and portfolio management in support of our lines of business.

Adjusted net realized gains (losses), net of tax, includes net realized gains (losses) and net realized gains (losses) recorded in other income (expense) related to unconsolidated subsidiaries, and excludes realized gains and losses on crop derivatives. These derivatives were purchased to provide economic benefit, in a manner similar to reinsurance protection, in the event that a significant decline in commodity pricing impacts underwriting results. We view gains and losses on these derivatives as part of the results of our underwriting operations, and therefore realized gains (losses) from these derivatives are reclassified to adjusted losses and loss expenses.

P&C underwriting income is calculated by subtracting adjusted losses and loss expenses, policy benefits, policy acquisition costs and administrative expenses from net premiums earned by our P&C operations. We use P&C underwriting income and operating ratios to monitor the results of our operations without the impact of certain factors, including net investment income, other income (expense), interest expense, amortization expense of purchased intangibles, Chubb integration expense, income tax expense and adjusted net realized gains (losses).

Current accident year underwriting income excluding catastrophe losses is underwriting income adjusted to exclude catastrophe losses and prior period development (PPD). We believe it is useful to exclude catastrophe losses, as they are not predictable as to timing and amount, and PPD as these unexpected loss developments on historical reserves are not indicative of our current underwriting performance. We believe the use of these measures enhances the understanding of our results of operations by highlighting the underlying profitability of our insurance business.

Segment income includes underwriting income, adjusted net investment income, other income (expense) – operating, and amortization expense of purchased intangibles.

Core operating income, net of tax, excludes from net income the after-tax impact of adjusted net realized gains (losses), Chubb integration expenses, and the amortization of fair value adjustment of acquired invested assets and long-term debt related to the Chubb Corp acquisition. We believe this presentation enhances the understanding of our results of

operations by highlighting the underlying profitability of our insurance business. We exclude adjusted net realized gains (losses) because the amount of these gains (losses) are heavily influenced by, and fluctuate in part according to, the availability of market opportunities. We exclude the amortization of the fair value adjustments related to purchased invested assets and long-term debt and Chubb integration expenses due to the size and complexity of this acquisition. These integration expenses are distortive to our results and are not indicative of our underlying profitability. We believe that excluding these integration expenses facilitates the comparison of our financial results to our historical operating results. References to core operating income measures mean net of tax, whether or not noted.

Core operating return on equity (ROE) and Core operating return on tangible equity (ROTE) are annualized financial measures. The numerator includes core operating income, net of tax. The denominator includes the average shareholders' equity for the period adjusted to exclude unrealized gains (losses) on investments, net of tax. For the ROTE calculation, the denominator is also adjusted to exclude goodwill and other intangible assets, net of tax. These measures enhance the understanding of the return on shareholders' equity by highlighting the underlying profitability relative to shareholders' equity and tangible equity excluding the effect of unrealized gains and losses on our investments.

P&C combined ratio is the sum of the loss and loss expense ratio, acquisition cost ratio and the administrative expense ratio excluding the life business and including the realized gains and losses on the crop derivatives, as noted above.

Current accident year combined ratio excluding catastrophe losses excludes the impact of catastrophe losses and PPD from the combined ratio. We believe this measure provides a better evaluation of our underwriting performance and enhances the understanding of the trends in our property and casualty business that may be obscured by these items.

Global P&C performance metrics comprise consolidated operating results (including corporate) and exclude the operating results of the company's Life Insurance and North America Agricultural Insurance segments. We believe that these measures are useful and meaningful to investors as they are used by management to assess the company's global P&C operations which are the most economically similar. We exclude the North America Agricultural Insurance and Life Insurance segments because the results of these businesses do not always correlate with the results of our global P&C operations.

Tangible book value per common share is shareholders' equity less goodwill and other intangible assets, net of tax, divided by the shares outstanding. We believe that goodwill and other intangible assets are not indicative of our underlying insurance results or trends and make book value comparisons to less acquisitive peer companies less meaningful.

See the reconciliation of Non-GAAP Financial Measures on pages 29-35 in the Financial Supplement. These measures should not be viewed as a substitute for measures determined in accordance with GAAP, including premium, net income, return on equity, and net investment income.

NM - not meaningful comparison

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**Cautionary Statement Regarding Forward-Looking Statements:**

*Forward-looking statements made in this press release, such as those related to company performance, including 2019 performance and growth opportunities, pricing, economic and market conditions, and our expectations and intentions and other statements that are not historical facts reflect our current views with respect to future events and financial performance and are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Such statements involve risks and uncertainties that could cause actual results to differ materially, including without limitation, the following: competition, pricing and policy term trends, the levels of new and renewal business achieved, the frequency and severity of unpredictable catastrophic events, actual loss experience, uncertainties in the reserving or settlement process, integration activities and performance of acquired companies, loss of key employees or disruptions to our operations, new theories of liability, judicial, legislative, regulatory and other governmental developments, litigation tactics and developments, investigation developments and actual settlement terms, the amount and timing of reinsurance recoverable, credit developments among reinsurers, rating agency action, possible terrorism or the outbreak and effects of war, economic, political, regulatory, insurance and reinsurance business conditions, potential strategic opportunities including acquisitions and our ability to achieve and integrate them, as well as management's response to these factors, and other factors identified in our filings with the Securities and Exchange Commission (SEC).*

*Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the dates on which they are made. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.*

**Chubb Limited**  
**Summary Consolidated Balance Sheets**  
(in millions of U.S. dollars, except per share data)  
**(Unaudited)**

	September 30 2019	December 31 2018
<b>Assets</b>		
Investments	\$ 107,178	\$ 100,968
Cash	1,478	1,247
Insurance and reinsurance balances receivable	10,403	10,075
Reinsurance recoverable on losses and loss expenses	15,527	15,993
Goodwill and other intangible assets	21,378	21,414
Other assets	19,184	18,074
Total assets	<u>\$ 175,148</u>	<u>\$ 167,771</u>
<b>Liabilities</b>		
Unpaid losses and loss expenses	\$ 63,012	\$ 62,960
Unearned premiums	16,571	15,532
Other liabilities	40,993	38,967
Total liabilities	<u>\$ 120,576</u>	<u>\$ 117,459</u>
<b>Shareholders' equity</b>		
Total shareholders' equity	54,572	50,312
Total liabilities and shareholders' equity	<u>\$ 175,148</u>	<u>\$ 167,771</u>
Book value per common share	\$ 120.33	\$ 109.56
Tangible book value per common share	\$ 76.21	\$ 65.89
Book value per common share excluding cumulative translation losses <sup>(1)</sup>	\$ 124.99	\$ 113.87
Tangible book value per common share excluding cumulative translation losses <sup>(1)</sup>	\$ 79.43	\$ 68.87

(1) Cumulative translation losses were \$2.1 billion in 2019 (\$1.5 billion on tangible and \$0.6 billion on intangible net assets) and \$2.0 billion in 2018 (\$1.4 billion on tangible and \$0.6 billion on intangible net assets).

**Chubb Limited****Summary Consolidated Financial Data**

(in millions of U.S. dollars, except share, per share data, and ratios)

(Unaudited)

	Three Months Ended September 30		Nine Months Ended September 30	
	2019	2018	2019	2018
Gross premiums written	\$ 10,724	\$ 10,054	\$30,190	\$ 28,716
Net premiums written	8,622	8,110	24,278	23,229
Net premiums earned	8,327	7,908	23,355	22,599
Losses and loss expenses	5,052	4,868	13,865	13,457
Policy benefits	158	127	515	428
Policy acquisition costs	1,603	1,504	4,611	4,432
Administrative expenses	752	719	2,220	2,158
Net investment income	873	823	2,568	2,457
Net realized gains (losses)	(155)	19	(475)	35
Interest expense	138	164	418	488
Other income (expense):				
Gains (losses) from separate account assets	(7)	(14)	20	(18)
Other	64	159	306	325
Amortization of purchased intangibles	76	83	229	253
Chubb integration expenses	2	16	9	39
Income tax expense	230	183	626	536
Net income	<u>\$ 1,091</u>	<u>\$ 1,231</u>	<u>\$ 3,281</u>	<u>\$ 3,607</u>
<b>Diluted earnings per share:</b>				
Net income	\$ 2.38	\$ 2.64	\$ 7.13	\$ 7.71
Core operating income	\$ 2.70	\$ 2.41	\$ 7.83	\$ 7.42
Weighted average diluted shares outstanding	458.2	466.0	459.9	468.0

**P&C combined ratio**

Loss and loss expense ratio	63.1%	63.6%	61.5%	61.4%
Policy acquisition cost ratio	18.4%	18.6%	19.2%	19.2%
Administrative expense ratio	8.7%	8.7%	9.2%	9.2%
P&C combined ratio	<u>90.2%</u>	<u>90.9%</u>	<u>89.9%</u>	<u>89.8%</u>
P&C underwriting income	\$ 754	\$ 669	\$ 2,193	\$ 2,135

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**Chubb Limited  
Financial Supplement  
for the Quarter Ended September 30, 2019**

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This report is for informational purposes only. It should be read in conjunction with documents filed by Chubb Limited with the Securities and Exchange Commission, including the most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q.

**Cautionary Statement Regarding Forward-Looking Statements**

Any forward-looking statements made in this financial supplement reflect Chubb Limited's current views with respect to future events and financial performance and are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Such statements involve risks and uncertainties which may cause actual results to differ materially from as indicated by such statements. For example, forward-looking statements related to financial performance, including exposures, reserves and recoverables, could be affected by the frequency and severity of unpredictable catastrophic events, actual loss experience, uncertainties in the reserving or settlement process, currency exchange fluctuations, new theories of liability, judicial, legislative, regulatory and other governmental developments, litigation tactics and developments, investigation developments and actual settlement terms, the amount and timing of reinsurance receivable and credit developments among reinsurers.

Our forward-looking statements could also be affected by, among other things, competition, pricing and policy term trends, market acceptance, changes in demand, actual market developments, rating agency action, possible terrorism or the outbreak and effects of war, and such other factors identified in our filings with the Securities and Exchange Commission. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the dates on which they are made. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.



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**Chubb Limited**  
**Consolidated Financial Highlights**  
(in millions of U.S. dollars, except share, per share data, and ratios)  
(Unaudited)

Note: All dollar amounts in the Financial Supplement are rounded. However, percent changes and ratios are calculated using whole dollars. Accordingly, calculations using rounded dollars may differ.

	Three months ended September 30			Constant \$		Nine months ended September 30			Constant \$	
	2019	2018	% Change	2018	% Change	2019	2018	% Change	2018	Constant \$
Gross premiums written	\$ 10,724	\$ 10,054	6.7%	\$ 9,970	7.6%	\$ 30,190	\$ 28,716	5.1%	\$ 28,310	6
Net premiums written	\$ 8,622	\$ 8,110	6.3%	\$ 8,033	7.3%	\$ 24,278	\$ 23,229	4.5%	\$ 22,869	6
P&C net premiums written	\$ 8,010	\$ 7,546	6.2%	\$ 7,472	7.2%	\$ 22,508	\$ 21,541	4.5%	\$ 21,203	6
Global P&C net premiums written	\$ 7,072	\$ 6,662	6.2%	\$ 6,588	7.3%	\$ 20,974	\$ 20,161	4.0%	\$ 19,823	5
Net premiums earned	\$ 8,327	\$ 7,908	5.3%	\$ 7,832	6.3%	\$ 23,355	\$ 22,599	3.3%	\$ 22,240	5
Net investment income (1)	\$ 873	\$ 823	6.0%	\$ 819	6.5%	\$ 2,568	\$ 2,457	4.5%	\$ 2,439	5
Adjusted net investment income (1)	\$ 910	\$ 883	3.1%	\$ 879	3.6%	\$ 2,694	\$ 2,650	1.7%	\$ 2,632	2
Interest expense (2)	\$ 138	\$ 164	-16.1%	\$ 163	-15.8%	\$ 418	\$ 488	-14.5%	\$ 486	-14
Adjusted interest expense (2)	\$ 143	\$ 170	-15.9%	\$ 169	-15.6%	\$ 433	\$ 516	-16.0%	\$ 514	-15
Core operating income	\$ 1,236	\$ 1,122	10.2%	\$ 1,108	11.6%	\$ 3,601	\$ 3,472	3.7%	\$ 3,412	5
Net income	\$ 1,091	\$ 1,231	-11.4%			\$ 3,281	\$ 3,607	-9.1%		
Operating cash flow	\$ 2,205	\$ 1,700				\$ 4,913	\$ 3,897			
<b>P&amp;C combined ratio</b>										
Loss and loss expense ratio	63.1%	63.6%				61.5%	61.4%			
Policy acquisition cost and administrative expense ratio	27.1%	27.3%				28.4%	28.4%			
Combined ratio	90.2%	90.9%				89.9%	89.8%			
<b>Current Accident Year (CAY) P&amp;C combined ratio ex Catastrophe losses (Cats)</b>										
CAY loss and loss expense ratio ex Cats	62.4%	61.1%				60.6%	59.7%			
CAY policy acquisition cost and administrative expense ratio ex Cats	27.1%	27.1%				28.4%	28.3%			
CAY combined ratio ex Cats	89.5%	88.2%				89.0%	88.0%			
ROE	8.1%	9.7%				8.3%	9.4%			
Core operating return on equity (ROE)	9.5%	8.7%				9.3%	9.1%			
Core operating return on tangible equity (ROTE)	15.6%	14.4%				15.3%	15.2%			
Effective tax rate	17.4%	12.9%				16.0%	12.9%			
Core operating effective tax rate	15.1%	14.1%				15.0%	13.7%			
<b>Diluted earnings per share</b>										
Net income	\$ 2.38	\$ 2.64	-9.8%			\$ 7.13	\$ 7.71	-7.5%		
Core operating income	\$ 2.70	\$ 2.41	12.0%			\$ 7.83	\$ 7.42	5.5%		

Weighted average basic common shares outstanding	455.0	463.0		457.0	464.6
Weighted average diluted common shares outstanding	458.2	466.0		459.9	468.0
	<u>September 30 2019</u>	<u>June 30 2019</u>	<u>% Change 3Q-19 vs. 2Q-19</u>	<u>December 31 2018</u>	<u>% Change 3Q-19 vs. 4Q-18</u>
Book value per common share	\$ 120.33	\$ 117.97	2.0%	\$ 109.56	9.8%
Tangible book value per common share	\$ 76.21	\$ 73.74	3.3%	\$ 65.89	15.7%
Total hybrid & financial debt/capitalization	20.0%	20.3%		20.4%	

- (1) Q3 2019 and YTD 2019 include \$4 million and \$9 million, respectively, of interest income on notional pool programs, compared with \$29 million and \$87 million, respectively, prior year.
- (2) Q3 2019 and YTD 2019 include nil of interest expense on notional pool programs, compared with \$26 million and \$79 million, respectively, prior year.

**Chubb Limited**  
**Statement of Operations—Consecutive Quarters**  
(in millions of U.S. dollars)  
(Unaudited)

**Consolidated Statements of Operations**

	3Q-19	2Q-19	1Q-19	4Q-18	3Q-18	YTD 2019	YTD 2018	Full Year 2018
Gross premiums written	\$10,724	\$10,355	\$9,111	\$9,252	\$10,054	\$30,190	\$28,716	\$ 37,968
Net premiums written	8,622	8,343	7,313	7,350	8,110	24,278	23,229	30,579
Net premiums earned	8,327	7,891	7,137	7,465	7,908	23,355	22,599	30,064
Adjusted losses and loss expenses (1)	5,066	4,708	4,099	4,615	4,876	13,873	13,455	18,070
Realized (gains) losses on crop derivatives	14	(7)	1	5	8	8	(2)	3
Losses and loss expenses	5,052	4,715	4,098	4,610	4,868	13,865	13,457	18,067
Policy benefits	158	161	196	162	127	515	428	590
Policy acquisition costs	1,603	1,544	1,464	1,480	1,504	4,611	4,432	5,912
Administrative expenses	752	758	710	728	719	2,220	2,158	2,886
Adjusted net investment income (2)	910	902	882	903	883	2,694	2,650	3,553
Amortization expense of fair value adjustment on acquired invested assets	(37)	(43)	(46)	(55)	(60)	(126)	(193)	(248)
Net investment income	873	859	836	848	823	2,568	2,457	3,305
Adjusted realized gains (losses) (3)	(141)	(230)	(96)	(682)	27	(467)	33	(649)
Realized gains (losses) on crop derivatives	(14)	7	(1)	(5)	(8)	(8)	2	(3)
Net realized gains (losses)	(155)	(223)	(97)	(687)	19	(475)	35	(652)
Adjusted interest expense (4)	143	145	145	158	170	433	516	674
Amortization benefit of fair value adjustment on acquired long term debt	(5)	(5)	(5)	(5)	(6)	(15)	(28)	(33)
Interest expense	138	140	140	153	164	418	488	641
Gains (losses) from fair value changes in separate account assets	(7)	(3)	30	(20)	(14)	20	(18)	(38)
Net realized gains (losses) related to unconsolidated entities	41	219	(4)	139	152	256	292	431
Other income (expense) - operating	23	14	13	8	7	50	33	41
Other income (expense)	57	230	39	127	145	326	307	434
Amortization expense of purchased intangibles	76	77	76	86	83	229	253	339
Chubb integration expenses	2	4	3	20	16	9	39	59
Income tax expense	230	208	188	159	183	626	536	695
Net income	<u>\$ 1,091</u>	<u>\$ 1,150</u>	<u>\$1,040</u>	<u>\$ 355</u>	<u>\$ 1,231</u>	<u>\$ 3,281</u>	<u>\$ 3,607</u>	<u>\$ 3,962</u>

- (1) Adjusted losses and loss expenses used throughout this report includes realized gains and losses on crop derivatives.  
(2) Adjusted net investment income used throughout this report excludes Amortization expense of fair value adjustment on acquired invested assets.  
(3) Adjusted realized gains (losses) used throughout this report excludes realized gains and losses on crop derivatives.  
(4) Adjusted interest expense used throughout this report excludes Amortization benefit of fair value adjustment on acquired long term debt.

**Chubb Limited**  
**P&C Underwriting Results—Consecutive Quarters**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Chubb Limited P&C Underwriting Results**

	3Q-19	2Q-19	1Q-19	4Q-18	3Q-18	YTD 2019	YTD 2018	Full Year 2018
<b>P&amp;C Underwriting income (Including Corporate and excluding Life Insurance)</b>								
Gross premiums written	\$10,082	\$9,743	\$8,500	\$8,638	\$9,455	\$28,325	\$26,926	\$35,564
Net premiums written	8,010	7,764	6,734	6,768	7,546	22,508	21,541	28,309
Net premiums earned	7,729	7,320	6,576	6,890	7,357	21,625	20,956	27,846
Adjusted losses and loss expenses	4,876	4,519	3,897	4,433	4,681	13,292	12,871	17,304
Policy acquisition costs	1,427	1,394	1,336	1,328	1,365	4,157	4,027	5,355
Administrative expenses	672	680	631	653	642	1,983	1,923	2,576
P&C Underwriting income	<u>\$ 754</u>	<u>\$ 727</u>	<u>\$ 712</u>	<u>\$ 476</u>	<u>\$ 669</u>	<u>\$ 2,193</u>	<u>\$ 2,135</u>	<u>\$ 2,611</u>
P&C CAY Underwriting income ex Cats	\$ 819	\$ 814	\$ 758	\$ 808	\$ 876	\$ 2,391	\$ 2,533	\$ 3,341
<b>% Change versus prior year period</b>								
Net premiums written	6.2%	4.2%	2.9%	4.2%	2.5%	4.5%	4.5%	4.4%
Net premiums earned	5.0%	2.9%	1.4%	3.4%	1.0%	3.2%	3.4%	3.4%
Net premiums written constant \$	7.2%	6.0%	5.1%	5.8%	2.8%	6.2%	3.4%	4.0%
Net premiums earned constant \$	6.1%	4.9%	3.5%	4.9%	1.4%	4.9%	2.3%	3.0%
<b>P&amp;C combined ratio</b>								
Loss and loss expense ratio	63.1%	61.7%	59.3%	64.3%	63.6%	61.5%	61.4%	62.1%
Policy acquisition cost ratio	18.4%	19.1%	20.3%	19.3%	18.6%	19.2%	19.2%	19.2%
Administrative expense ratio	8.7%	9.3%	9.6%	9.5%	8.7%	9.2%	9.2%	9.3%
Combined ratio	<u>90.2%</u>	<u>90.1%</u>	<u>89.2%</u>	<u>93.1%</u>	<u>90.9%</u>	<u>89.9%</u>	<u>89.8%</u>	<u>90.6%</u>
<b>CAY P&amp;C combined ratio ex Cats</b>								
CAY loss and loss expense ratio ex Cats	62.4%	60.5%	58.6%	59.5%	61.1%	60.6%	59.7%	59.6%
CAY policy acquisition cost and administrative expense ratio ex Cats	27.1%	28.4%	29.9%	28.8%	27.1%	28.4%	28.3%	28.4%
CAY combined ratio ex Cats	<u>89.5%</u>	<u>88.9%</u>	<u>88.5%</u>	<u>88.3%</u>	<u>88.2%</u>	<u>89.0%</u>	<u>88.0%</u>	<u>88.0%</u>
<b>Other ratios</b>								
Net premiums written/gross premiums written	79%	80%	79%	78%	80%	79%	80%	80%
Expense ratio	27.1%	28.4%	29.9%	28.8%	27.3%	28.4%	28.4%	28.5%
Expense ratio excluding A&H	25.1%	26.3%	28.0%	26.6%	25.2%	26.4%	26.3%	26.4%
Catastrophe reinstatement premiums (expensed) collected—pre-tax	\$ 2	\$ —	\$ —	\$ (8)	\$ 4	\$ 2	\$ 4	\$ (4)
Catastrophe losses—pre-tax	\$ 234	\$ 275	\$ 250	\$ 577	\$ 454	\$ 759	\$ 1,045	\$ 1,622
Favorable prior period development (PPD)—pre-tax	\$ (167)	\$ (188)	\$ (204)	\$ (253)	\$ (243)	\$ (559)	\$ (643)	\$ (896)
<b>Impact of catastrophe losses on P&amp;C combined ratio—</b>								
Unfavorable	3.0%	3.8%	3.8%	8.5%	6.1%	3.5%	5.0%	5.9%
Impact of PPD on P&C combined ratio—Favorable	-2.3%	-2.6%	-3.1%	-3.7%	-3.4%	-2.6%	-3.2%	-3.3%
<b>Impact of Cats and PPD on P&amp;C combined ratio—</b>								
Unfavorable	0.7%	1.2%	0.7%	4.8%	2.7%	0.9%	1.8%	2.6%

**Chubb Limited**  
**Global P&C Underwriting Results—Consecutive Quarters**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

Global P&C includes the company's North America Commercial P&C Insurance segment (refer to page 11), North America Personal P&C Insurance segment (refer to page 12), Overseas General Insurance segment (refer to page 14), Global Reinsurance segment (refer to page 15), and Corporate (refer to page 17). Global P&C excludes the North America Agricultural Insurance and Life Insurance segments.

**Global P&C (Including Corporate and excluding Agriculture)**

	3Q-19	2Q-19	1Q-19	4Q-18	3Q-18	YTD 2019	YTD 2018	Full Year 2018
<b>Global P&amp;C Underwriting income</b>								
Gross premiums written	\$8,810	\$9,101	\$8,281	\$8,365	\$8,185	\$26,192	\$24,908	\$33,273
Net premiums written	7,072	7,298	6,604	6,571	6,662	20,974	20,161	26,732
Net premiums earned	6,788	6,942	6,521	6,572	6,500	20,251	19,705	26,277
Adjusted losses and loss expenses	3,996	4,210	3,923	4,272	3,954	12,129	11,918	16,190
Policy acquisition costs	1,371	1,367	1,329	1,323	1,316	4,067	3,953	5,276
Administrative expenses	668	676	630	662	640	1,974	1,923	2,585
Global P&C Underwriting income	<u>\$ 753</u>	<u>\$ 689</u>	<u>\$ 639</u>	<u>\$ 315</u>	<u>\$ 590</u>	<u>\$ 2,081</u>	<u>\$ 1,911</u>	<u>\$ 2,226</u>
Global P&C CAY Underwriting income ex Cats	\$ 797	\$ 774	\$ 744	\$ 670	\$ 790	\$ 2,315	\$ 2,375	\$ 3,045
<b>% Change versus prior year period</b>								
Net premiums written	6.2%	3.3%	2.6%	3.2%	3.5%	4.0%	4.9%	4.5%
Net premiums earned	4.4%	2.7%	1.2%	2.5%	1.8%	2.8%	3.6%	3.3%
Net premiums written constant \$	7.3%	5.3%	4.8%	4.8%	3.9%	5.8%	3.7%	4.0%
Net premiums earned constant \$	5.6%	4.7%	3.3%	4.0%	2.2%	4.6%	2.5%	2.9%
<b>Combined ratio</b>								
Loss and loss expense ratio	58.9%	60.6%	60.2%	65.0%	60.8%	59.9%	60.5%	61.6%
Policy acquisition cost ratio	20.2%	19.7%	20.4%	20.1%	20.2%	20.1%	20.0%	20.1%
Administrative expense ratio	9.8%	9.8%	9.6%	10.1%	9.9%	9.7%	9.8%	9.8%
Combined ratio	<u>88.9%</u>	<u>90.1%</u>	<u>90.2%</u>	<u>95.2%</u>	<u>90.9%</u>	<u>89.7%</u>	<u>90.3%</u>	<u>91.5%</u>
<b>CAY combined ratio ex Cats</b>								
CAY loss and loss expense ratio ex Cats	58.5%	59.4%	58.5%	59.7%	58.1%	58.8%	58.2%	58.6%
CAY policy acquisition cost and administrative expense ratio ex Cats	29.8%	29.4%	30.1%	30.1%	29.8%	29.8%	29.8%	29.8%
CAY combined ratio ex Cats	<u>88.3%</u>	<u>88.8%</u>	<u>88.6%</u>	<u>89.8%</u>	<u>87.9%</u>	<u>88.6%</u>	<u>88.0%</u>	<u>88.4%</u>
<b>Other ratios</b>								
Net premiums written/gross premiums written	80%	80%	80%	79%	81%	80%	81%	80%
Expense ratio	30.0%	29.5%	30.0%	30.2%	30.1%	29.8%	29.8%	29.9%
Expense ratio excluding A&H	28.0%	27.4%	28.1%	28.2%	28.1%	27.9%	27.7%	27.8%
Catastrophe reinstatement premiums (expensed) collected—pre-tax	\$ 2	\$ —	\$ —	\$ (8)	\$ 4	\$ 2	\$ 4	\$ (4)
Catastrophe losses—pre-tax	\$ 231	\$ 273	\$ 248	\$ 567	\$ 446	\$ 752	\$ 1,034	\$ 1,601
Favorable prior period development (PPD)—pre-tax	\$ (185)	\$ (188)	\$ (143)	\$ (220)	\$ (242)	\$ (516)	\$ (566)	\$ (786)

**Chubb Limited**  
**Summary Consolidated Balance Sheets**  
(in millions of U.S. dollars, except per share data)  
(Unaudited)

	September 30 2019	June 30 2019	March 31 2019	December 31 2018
<b>Assets</b>				
Fixed maturities available for sale, at fair value	\$ 85,044	\$ 82,410	\$ 80,663	\$ 78,470
Fixed maturities held to maturity, at amortized cost	12,622	12,838	13,136	13,435
Equity securities, at fair value	722	715	821	770
Short-term investments, at fair value	2,835	3,808	3,078	3,016
Other investments	5,955	5,968	5,562	5,277
Total investments	107,178	105,739	103,260	100,968
Cash	1,478	1,270	1,271	1,247
Securities lending collateral	962	1,727	1,861	1,926
Insurance and reinsurance balances receivable	10,403	10,935	9,826	10,075
Reinsurance recoverable on losses and loss expenses	15,527	15,445	16,137	15,993
Deferred policy acquisition costs	5,148	5,113	5,008	4,922
Value of business acquired	274	280	289	295
Prepaid reinsurance premiums	2,691	2,765	2,698	2,544
Goodwill and other intangible assets	21,378	21,566	21,419	21,414
Investments in partially-owned insurance companies	1,064	1,050	708	678
Other assets	9,045	8,626	8,870	7,709
Total assets	<u>\$ 175,148</u>	<u>\$ 174,516</u>	<u>\$ 171,347</u>	<u>\$ 167,771</u>
<b>Liabilities</b>				
Unpaid losses and loss expenses	\$ 63,012	\$ 63,205	\$ 63,143	\$ 62,960
Unearned premiums	16,571	16,403	15,909	15,532
Future policy benefits	5,738	5,568	5,552	5,506
Insurance and reinsurance balances payable	6,341	6,371	6,469	6,437
Securities lending payable	962	1,727	1,861	1,926
Accounts payable, accrued expenses, and other liabilities	13,583	13,055	12,629	11,890
Deferred tax liabilities	766	697	541	304
Short-term and long-term debt	13,295	13,380	12,580	12,596
Trust preferred securities	308	308	308	308
Total liabilities	120,576	120,714	118,992	117,459
<b>Shareholders' equity</b>				
Total shareholders' equity, excl. AOCI	54,051	53,663	53,125	52,760
Accumulated other comprehensive income (loss) (AOCI)	521	139	(770)	(2,448)
Total shareholders' equity	54,572	53,802	52,355	50,312
Total liabilities and shareholders' equity	<u>\$ 175,148</u>	<u>\$ 174,516</u>	<u>\$ 171,347</u>	<u>\$ 167,771</u>
<b>Book value per common share</b>	<u>\$ 120.33</u>	<u>\$ 117.97</u>	<u>\$ 114.27</u>	<u>\$ 109.56</u>
% change over prior quarter	2.0%	3.2%	4.3%	-0.8%
<b>Tangible book value per common share</b>	<u>\$ 76.21</u>	<u>\$ 73.74</u>	<u>\$ 70.46</u>	<u>\$ 65.89</u>
% change over prior quarter	3.3%	4.7%	6.9%	-1.4%

**Chubb Limited**  
**Consolidated Net Premiums Written by Line of Business**  
(in millions of U.S. dollars)  
(Unaudited)

	3Q-19	3Q-18	% Change	Constant \$ % Change	YTD 2019	YTD 2018	% Change	Constant \$ % Change
<b>Net premiums written</b>								
Commercial multiple peril (1)	\$ 252	\$ 236	7.0%	7.0%	\$ 725	\$ 679	6.7%	6.7%
Commercial casualty	1,508	1,408	7.1%	7.9%	4,180	3,911	6.9%	8.0%
Workers' compensation	462	439	5.3%	5.3%	1,537	1,515	1.5%	1.5%
Professional liability	981	921	6.5%	7.8%	2,676	2,583	3.6%	5.2%
Surety	168	159	5.9%	7.2%	476	481	-0.9%	1.4%
Property and other short-tail lines	1,067	911	17.1%	19.4%	3,410	3,070	11.1%	13.8%
Total Commercial P&C (2)	4,438	4,074	9.0%	10.1%	13,004	12,239	6.3%	7.7%
Agriculture	938	884	6.2%	6.2%	1,534	1,380	11.2%	11.2%
Personal automobile	444	419	5.9%	5.9%	1,338	1,273	5.2%	6.2%
Personal homeowners	935	895	4.5%	4.5%	2,646	2,615	1.2%	1.5%
Personal other	372	362	2.5%	5.9%	1,123	1,138	-1.3%	2.6%
Total Personal lines	1,751	1,676	4.4%	5.2%	5,107	5,026	1.6%	2.9%
<b>Total Property and Casualty lines</b>	7,127	6,634	7.4%	8.3%	19,645	18,645	5.4%	6.7%
Global A&H lines (3)	1,052	1,048	0.4%	2.3%	3,255	3,236	0.6%	4.1%
Reinsurance lines	141	164	-14.0%	-12.8%	540	554	-2.5%	-1.1%
Life	302	264	14.4%	15.5%	838	794	5.4%	7.6%
<b>Total consolidated</b>	<u>\$8,622</u>	<u>\$8,110</u>	6.3%	7.3%	<u>\$24,278</u>	<u>\$23,229</u>	4.5%	6.2%

- (1) Commercial multiple peril represents retail package business (property and general liability).
- (2) Q3 2018 included a reclassification of \$52 million from Workers' compensation to Commercial casualty to better align the reporting with current year. YTD 2018 included a reclassification of \$56 million from Workers' compensation and \$1 million from Commercial multiple peril to Commercial casualty (\$48 million) and Property and other short-tail lines (\$9 million) to better align the reporting with current year. There is no impact to total Commercial P&C.
- (3) For purposes of this schedule only, A&H results from our Combined North America and International businesses, normally included in the Life Insurance and Overseas General Insurance segments, respectively, as well as the A&H results of our North America Commercial P&C segment, are included within the Global A&H lines above.



**Chubb Limited**  
**Consolidated Results—Three months ended September 30, 2019**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

<b>Q3 2019</b>	North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C	Life Insurance	Total Consolidated
Net premiums written	\$ 3,452	\$ 1,251	\$ 938	\$ 2,228	\$ 141	\$ —	\$ 8,010	\$ 612	\$ 8,622
Net premiums earned	3,185	1,187	941	2,256	160	—	7,729	598	8,327
Adjusted losses and loss expenses	2,051	674	880	1,154	79	38	4,876	190	5,066
Policy benefits	—	—	—	—	—	—	—	158	158
(Gains) losses from fair value changes in separate account assets (1)	—	—	—	—	—	—	—	7	7
Policy acquisition costs	459	240	56	630	42	—	1,427	176	1,603
Administrative expenses	256	72	4	257	9	74	672	80	752
Underwriting income (loss)	419	201	1	215	30	(112)	754	(13)	741
Adjusted net investment income	532	66	8	148	55	9	818	92	910
Other income (expense)—operating (1)	1	(1)	—	(3)	16	(7)	6	17	23
Amortization expense of purchased intangibles	—	(3)	(7)	(11)	—	(54)	(75)	(1)	(76)
Segment income (loss)	\$ 952	\$ 263	\$ 2	\$ 349	\$ 101	\$ (164)	\$ 1,503	\$ 95	\$ 1,598
Adjusted interest expense							(143)		(143)
Income tax expense							(219)		(219)
Core operating income (loss)							(526)		1,236
Chubb integration expenses, net of nil tax							(2)		(2)
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of \$8 million tax benefit							(24)		(24)
Adjusted net realized gains (losses), net of \$19 million tax (2)							(119)		(119)
Net income (loss)							<u>\$ (671)</u>		<u>\$ 1,091</u>
Combined ratio	86.9%	83.1%	99.9%	90.5%	81.1%		90.2%		
CAY combined ratio ex Cats	87.6%	81.3%	97.7%	90.0%	82.1%		89.5%		

- (1) For the Life Insurance segment, (Gains) losses from fair value changes in separate account assets that do not qualify for separate account reporting under GAAP have been reclassified for underwriting income (loss) presentation from Other income (expense)—operating.
- (2) Includes Net realized gains (losses) related to unconsolidated entities.

**Chubb Limited**  
**Consolidated Results—Nine months ended September 30, 2019**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

<b>YTD 2019</b>	North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C	Life Insurance	Total Consolidated
Net premiums written	\$ 9,937	\$ 3,616	\$ 1,534	\$ 6,881	\$ 540	\$ —	\$22,508	\$ 1,770	\$ 24,278
Net premiums earned	9,660	3,509	1,374	6,595	487	—	21,625	1,730	23,355
Adjusted losses and loss expenses	6,238	2,178	1,163	3,385	245	83	13,292	581	13,873
Policy benefits	—	—	—	—	—	—	—	515	515
(Gains) losses from fair value changes in separate account assets (1)	—	—	—	—	—	—	—	(20)	(20)
Policy acquisition costs	1,377	708	90	1,855	127	—	4,157	454	4,611
Administrative expenses	755	211	9	771	26	211	1,983	237	2,220
Underwriting income (loss)	1,290	412	112	584	89	(294)	2,193	(37)	2,156
Adjusted net investment income	1,563	194	22	443	166	28	2,416	278	2,694
Other income (expense)—operating (1)	4	(2)	(1)	(10)	40	(18)	13	37	50
Amortization expense of purchased intangibles	—	(9)	(21)	(34)	—	(163)	(227)	(2)	(229)
Segment income (loss)	\$ 2,857	\$ 595	\$ 112	\$ 983	\$ 295	\$ (447)	\$ 4,395	\$ 276	\$ 4,671
Adjusted interest expense						(433)			(433)
Income tax expense						(637)			(637)
Core operating income (loss)						(1,517)			3,601
Chubb integration expenses, net of \$2 million tax benefit						(7)			(7)
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of \$22 million tax benefit						(89)			(89)
Adjusted net realized gains (losses), net of \$13 million tax (2)						(224)			(224)
Net income (loss)						<u>\$ (1,837)</u>			<u>\$ 3,281</u>
Combined ratio	86.6%	88.3%	91.9%	91.1%	81.7%		89.9%		
CAY combined ratio ex Cats	87.8%	81.4%	94.6%	90.8%	81.7%		89.0%		

- (1) For the Life Insurance segment, (Gains) losses from fair value changes in separate account assets that do not qualify for separate account reporting under GAAP have been reclassified for underwriting income (loss) presentation from Other income (expense)—operating.
- (2) Includes Net realized gains (losses) related to unconsolidated entities.

**Chubb Limited**  
**Consolidated Results—Three months ended September 30, 2018**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

	North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C	Life Insurance	Total Consolidated
<b>Q3 2018</b>									
Net premiums written	\$ 3,199	\$ 1,218	\$ 884	\$ 2,081	\$ 164	\$ —	\$ 7,546	\$ 564	\$ 8,110
Net premiums earned	3,019	1,167	857	2,157	157	—	7,357	551	7,908
Adjusted losses and loss expenses	1,881	860	727	1,114	86	13	4,681	195	4,876
Policy benefits	—	—	—	—	—	—	—	127	127
(Gains) losses from fair value changes in separate account assets (1)	—	—	—	—	—	—	—	14	14
Policy acquisition costs	458	236	49	582	40	—	1,365	139	1,504
Administrative expenses	251	69	2	252	10	58	642	77	719
Underwriting income (loss)	429	2	79	209	21	(71)	669	(1)	668
Adjusted net investment income	503	59	7	155	63	11	798	85	883
Other income (expense)—operating (1)	1	—	—	7	13	(8)	13	(6)	7
Amortization expense of purchased intangibles	—	(4)	(7)	(8)	—	(64)	(83)	—	(83)
Segment income (loss)	\$ 933	\$ 57	\$ 79	\$ 363	\$ 97	\$ (132)	\$ 1,397	\$ 78	\$ 1,475
Adjusted interest expense							(170)		(170)
Income tax expense							(183)		(183)
Core operating income (loss)							(485)		1,122
Chubb integration expenses, net of \$2 million tax benefit							(14)		(14)
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of \$12 million tax benefit							(42)		(42)
Adjusted net realized gains (losses), net of \$14 million tax (2)							165		165
Net income (loss)							\$ (376)		\$ 1,231
Combined ratio	85.8%	99.8%	90.7%	90.3%	86.7%		90.9%		
CAY combined ratio ex Cats	86.7%	83.2%	89.9%	90.0%	82.8%		88.2%		

- (1) For the Life Insurance segment, (Gains) losses from fair value changes in separate account assets that do not qualify for separate account reporting under GAAP have been reclassified for underwriting income (loss) presentation from Other income (expense)—operating.
- (2) Includes Net realized gains (losses) related to unconsolidated entities.

**Chubb Limited**  
**Consolidated Results—Nine months ended September 30, 2018**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

<b>YTD 2018</b>	North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C	Life Insurance	Total Consolidated
Net premiums written	\$ 9,342	\$ 3,601	\$ 1,380	\$ 6,664	\$ 554	\$ —	\$21,541	\$ 1,688	\$ 23,229
Net premiums earned	9,325	3,463	1,251	6,425	492	—	20,956	1,643	22,599
Adjusted losses and loss expenses	5,873	2,474	953	3,263	236	72	12,871	584	13,455
Policy benefits	—	—	—	—	—	—	—	428	428
(Gains) losses from fair value changes in separate account assets (1)	—	—	—	—	—	—	—	18	18
Policy acquisition costs	1,378	701	74	1,754	120	—	4,027	405	4,432
Administrative expenses	735	202	—	757	29	200	1,923	235	2,158
Underwriting income (loss)	1,339	86	224	651	107	(272)	2,135	(27)	2,108
Adjusted net investment income	1,516	177	20	461	192	31	2,397	253	2,650
Other income (expense)—operating (1)	20	(1)	(1)	12	26	(17)	39	(6)	33
Amortization expense of purchased intangibles	—	(10)	(21)	(29)	—	(192)	(252)	(1)	(253)
Segment income (loss)	\$ 2,875	\$ 252	\$ 222	\$ 1,095	\$ 325	\$ (450)	\$ 4,319	\$ 219	\$ 4,538
Adjusted interest expense						(516)			(516)
Income tax expense						(550)			(550)
Core operating income (loss)						(1,516)			3,472
Chubb integration expenses, net of \$7 million tax benefit						(32)			(32)
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of \$32 million tax benefit						(133)			(133)
Adjusted net realized gains (losses), net of \$25 million tax (2)						300			300
Net income (loss)						<u>\$ (1,381)</u>			<u>\$ 3,607</u>
Combined ratio	85.6%	97.5%	82.1%	89.9%	78.3%		89.8%		
CAY combined ratio ex Cats	87.0%	80.8%	87.8%	90.6%	81.1%		88.0%		

- (1) For the Life Insurance segment, (Gains) losses from fair value changes in separate account assets that do not qualify for separate account reporting under GAAP have been reclassified for underwriting income (loss) presentation from Other income (expense)—operating.
- (2) Includes Net realized gains (losses) related to unconsolidated entities.

**Chubb Limited**  
**Segment Results—Consecutive Quarters**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**North America Commercial P&C Insurance**

	<u>3Q-19</u>	<u>2Q-19</u>	<u>1Q-19</u>	<u>4Q-18</u>	<u>3Q-18</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>Full Year 2018</u>
Gross premiums written	\$4,533	\$4,518	\$3,977	\$4,228	\$4,108	\$13,028	\$12,108	\$16,336
Net premiums written	3,452	3,534	2,951	3,143	3,199	9,937	9,342	12,485
Net premiums earned	3,185	3,390	3,085	3,077	3,019	9,660	9,325	12,402
Losses and loss expenses	2,051	2,214	1,973	2,127	1,881	6,238	5,873	8,000
Policy acquisition costs	459	459	459	451	458	1,377	1,378	1,829
Administrative expenses	256	259	240	231	251	755	735	966
Underwriting income	419	458	413	268	429	1,290	1,339	1,607
Net investment income	532	521	510	517	503	1,563	1,516	2,033
Other income (expense)—operating	1	(2)	5	5	1	4	20	25
Segment income	<u>\$ 952</u>	<u>\$ 977</u>	<u>\$ 928</u>	<u>\$ 790</u>	<u>\$ 933</u>	<u>\$ 2,857</u>	<u>\$ 2,875</u>	<u>\$ 3,665</u>
CAY Underwriting income ex Cats	\$ 398	\$ 410	\$ 376	\$ 362	\$ 409	\$ 1,184	\$ 1,214	\$ 1,576
<b>Combined ratio</b>								
Loss and loss expense ratio	64.4%	65.3%	63.9%	69.1%	62.3%	64.6%	63.0%	64.5%
Policy acquisition cost ratio	14.4%	13.6%	14.9%	14.7%	15.2%	14.2%	14.7%	14.7%
Administrative expense ratio	8.1%	7.6%	7.8%	7.5%	8.3%	7.8%	7.9%	7.8%
Combined ratio	<u>86.9%</u>	<u>86.5%</u>	<u>86.6%</u>	<u>91.3%</u>	<u>85.8%</u>	<u>86.6%</u>	<u>85.6%</u>	<u>87.0%</u>
<b>CAY combined ratio ex Cats</b>								
CAY loss and loss expense ratio ex Cats	65.5%	66.7%	65.0%	66.1%	63.5%	65.8%	64.5%	64.9%
CAY policy acquisition cost and administrative expense ratio ex Cats	22.1%	21.2%	22.8%	22.1%	23.2%	22.0%	22.5%	22.4%
CAY combined ratio ex Cats	<u>87.6%</u>	<u>87.9%</u>	<u>87.8%</u>	<u>88.2%</u>	<u>86.7%</u>	<u>87.8%</u>	<u>87.0%</u>	<u>87.3%</u>
Catastrophe losses—pre-tax	\$ 88	\$ 137	\$ 94	\$ 232	\$ 196	\$ 319	\$ 347	\$ 579
Favorable prior period development (PPD)—pre-tax	\$ (109)	\$ (185)	\$ (131)	\$ (138)	\$ (216)	\$ (425)	\$ (472)	\$ (610)
<b>% Change versus prior year period</b>								
Net premiums written	7.9%	6.0%	5.0%	4.8%	3.6%	6.4%	3.6%	3.9%
Net premiums earned	5.5%	3.4%	1.9%	1.4%	0.1%	3.6%	1.8%	1.7%
<b>Other ratios</b>								
Net premiums written/gross premiums written	76%	78%	74%	74%	78%	76%	77%	76%
<b>Production by Size—Net premiums written (1)</b>								
Major Accounts & Specialty (2)	\$2,029	\$2,182	\$1,703	\$1,841	\$1,851	\$ 5,914	\$ 5,529	\$ 7,370
Commercial (2)	1,423	1,352	1,248	1,302	1,348	4,023	3,813	5,115
Total	<u>\$3,452</u>	<u>\$3,534</u>	<u>\$2,951</u>	<u>\$3,143</u>	<u>\$3,199</u>	<u>\$ 9,937</u>	<u>\$ 9,342</u>	<u>\$12,485</u>

- (1) The 2018 net premiums written amounts for Major Accounts & Specialty and Commercial have been revised to better align the reporting with the current year. The Commercial transfers to (from) Major Accounts & Specialty in 2018 were: \$8 million for Q1, (\$1) million for Q3, and \$2 million for Q4. There is no impact to total North America Commercial P&C Insurance.
- (2) Major Accounts & Specialty: large corporate accounts and wholesale business. Commercial: principally middle market and small commercial accounts.

**Chubb Limited**  
**Segment Results—Consecutive Quarters**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**North America Personal P&C Insurance**

	3Q-19	2Q-19	1Q-19	4Q-18	3Q-18	YTD 2019	YTD 2018	Full Year 2018
Gross premiums written	\$1,422	\$1,483	\$1,207	\$1,291	\$1,369	\$4,112	\$4,039	\$ 5,330
Net premiums written	1,251	1,309	1,056	1,073	1,218	3,616	3,601	4,674
Net premiums earned	1,187	1,168	1,154	1,130	1,167	3,509	3,463	4,593
Losses and loss expenses	674	747	757	755	860	2,178	2,474	3,229
Policy acquisition costs	240	237	231	238	236	708	701	939
Administrative expenses	72	71	68	67	69	211	202	269
Underwriting income	201	113	98	70	2	412	86	156
Net investment income	66	64	64	59	59	194	177	236
Other income (expense)—operating	(1)	(1)	—	—	—	(2)	(1)	(1)
Amortization expense of purchased intangibles	(3)	(3)	(3)	(3)	(4)	(9)	(10)	(13)
Segment income	<u>\$ 263</u>	<u>\$ 173</u>	<u>\$ 159</u>	<u>\$ 126</u>	<u>\$ 57</u>	<u>\$ 595</u>	<u>\$ 252</u>	<u>\$ 378</u>
CAY Underwriting income ex Cats	<u>\$ 222</u>	<u>\$ 214</u>	<u>\$ 217</u>	<u>\$ 168</u>	<u>\$ 196</u>	<u>\$ 653</u>	<u>\$ 666</u>	<u>\$ 834</u>
<b>Combined ratio</b>								
Loss and loss expense ratio	56.9%	64.0%	65.5%	66.8%	73.7%	62.1%	71.5%	70.3%
Policy acquisition cost ratio	20.2%	20.2%	20.1%	21.1%	20.2%	20.2%	20.2%	20.4%
Administrative expense ratio	6.0%	6.1%	5.9%	5.9%	5.9%	6.0%	5.8%	5.9%
Combined ratio	<u>83.1%</u>	<u>90.3%</u>	<u>91.5%</u>	<u>93.8%</u>	<u>99.8%</u>	<u>88.3%</u>	<u>97.5%</u>	<u>96.6%</u>
<b>CAY combined ratio ex Cats</b>								
CAY loss and loss expense ratio ex Cats	55.1%	55.3%	55.1%	59.1%	57.1%	55.2%	54.7%	55.8%
CAY policy acquisition cost and administrative expense ratio ex Cats	26.2%	26.4%	26.0%	26.4%	26.1%	26.2%	26.1%	26.1%
CAY combined ratio ex Cats	<u>81.3%</u>	<u>81.7%</u>	<u>81.1%</u>	<u>85.5%</u>	<u>83.2%</u>	<u>81.4%</u>	<u>80.8%</u>	<u>81.9%</u>
Catastrophe reinstatement premiums expensed—pre-tax	\$ —	\$ —	\$ —	\$ (26)	\$ —	\$ —	\$ —	\$ (26)
Catastrophe losses—pre-tax	\$ 83	\$ 117	\$ 129	\$ 90	\$ 136	\$ 329	\$ 521	\$ 611
Unfavorable (favorable) prior period development (PPD)—pre-tax	\$ (62)	\$ (16)	\$ (10)	\$ (18)	\$ 58	\$ (88)	\$ 59	\$ 41
<b>% Change versus prior year period</b>								
Net premiums written	2.7%	-2.0%	0.8%	-2.5%	2.0%	0.4%	4.9%	3.1%
Net premiums written adjusted primarily for additional reinsurance	3.9%	2.4%	2.6%	2.3%	2.7%	2.9%	2.9%	2.7%
Net premiums earned	1.7%	1.1%	1.2%	2.5%	4.5%	1.3%	5.1%	4.4%
<b>Other ratios</b>								
Net premiums written/gross premiums written	88%	88%	88%	83%	89%	88%	89%	88%

**Chubb Limited**  
**Segment Results—Consecutive Quarters**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**North America Agricultural Insurance**

	<u>3Q-19</u>	<u>2Q-19</u>	<u>1Q-19</u>	<u>4Q-18</u>	<u>3Q-18</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>Full Year 2018</u>
Gross premiums written	\$ 1,272	\$ 642	\$ 219	\$ 273	\$ 1,270	\$ 2,133	\$ 2,018	\$ 2,291
Net premiums written	938	466	130	197	884	1,534	1,380	1,577
Net premiums earned	941	378	55	318	857	1,374	1,251	1,569
Adjusted losses and loss expenses (1)	880	309	(26)	161	727	1,163	953	1,114
Policy acquisition costs	56	27	7	5	49	90	74	79
Administrative expenses	4	4	1	(9)	2	9	—	(9)
Underwriting income	1	38	73	161	79	112	224	385
Net investment income	8	4	10	8	7	22	20	28
Other income (expense)—operating	—	(1)	—	(1)	—	(1)	(1)	(2)
Amortization expense of purchased intangibles	(7)	(7)	(7)	(7)	(7)	(21)	(21)	(28)
Segment income	<u>\$ 2</u>	<u>\$ 34</u>	<u>\$ 76</u>	<u>\$ 161</u>	<u>\$ 79</u>	<u>\$ 112</u>	<u>\$ 222</u>	<u>\$ 383</u>
CAY Underwriting income ex Cats	\$ 22	\$ 40	\$ 14	\$ 138	\$ 86	\$ 76	\$ 158	\$ 296
<b>Combined ratio</b>								
Loss and loss expense ratio	93.5%	81.9%	NM	50.7%	84.9%	84.7%	76.2%	71.0%
Policy acquisition cost ratio	6.0%	7.3%	NM	1.5%	5.7%	6.6%	5.9%	5.0%
Administrative expense ratio	0.4%	0.9%	NM	-2.7%	0.1%	0.6%	0.0%	-0.5%
Combined ratio	<u>99.9%</u>	<u>90.1%</u>	<u>NM</u>	<u>49.5%</u>	<u>90.7%</u>	<u>91.9%</u>	<u>82.1%</u>	<u>75.5%</u>
<b>CAY combined ratio ex Cats</b>								
CAY loss and loss expense ratio ex Cats	91.3%	81.4%	71.1%	56.0%	84.1%	87.4%	81.8%	76.7%
CAY policy acquisition cost and administrative expense ratio ex Cats	6.4%	8.2%	12.8%	0.8%	5.8%	7.2%	6.0%	4.9%
CAY combined ratio ex Cats	<u>97.7%</u>	<u>89.6%</u>	<u>83.9%</u>	<u>56.8%</u>	<u>89.9%</u>	<u>94.6%</u>	<u>87.8%</u>	<u>81.6%</u>
Catastrophe losses—pre-tax	\$ 3	\$ 2	\$ 2	\$ 10	\$ 8	\$ 7	\$ 11	\$ 21
Unfavorable (favorable) prior period development (PPD)—pre-tax	\$ 18	\$ —	\$ (61)	\$ (33)	\$ (1)	\$ (43)	\$ (77)	\$ (110)
<b>% Change versus prior year period</b>								
Net premiums written	6.2%	20.1%	19.9%	55.8%	-4.5%	11.2%	-0.7%	4.0%
Net premiums earned	9.8%	7.7%	27.4%	26.0%	-4.6%	9.8%	-0.3%	4.1%
<b>Other ratios</b>								
Net premiums written/gross premiums written	74%	73%	59%	72%	70%	72%	68%	69%

(1) Includes Realized gains (losses) on crop derivatives.

**Chubb Limited**  
**Segment Results—Consecutive Quarters**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Overseas General Insurance**

	<u>3Q-19</u>	<u>2Q-19</u>	<u>1Q-19</u>	<u>4Q-18</u>	<u>3Q-18</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>Full Year 2018</u>
Gross premiums written	\$2,705	\$2,863	\$ 2,876	\$ 2,729	\$2,541	\$8,444	\$ 8,156	\$ 10,885
Net premiums written	2,228	2,258	2,395	2,238	2,081	6,881	6,664	8,902
Net premiums earned	2,256	2,225	2,114	2,187	2,157	6,595	6,425	8,612
Losses and loss expenses	1,154	1,125	1,106	1,166	1,114	3,385	3,263	4,429
Policy acquisition costs	630	629	596	592	582	1,855	1,754	2,346
Administrative expenses	257	265	249	257	252	771	757	1,014
Underwriting income	215	206	163	172	209	584	651	823
Net investment income	148	151	144	158	155	443	461	619
Other income (expense)—operating	(3)	(3)	(4)	(12)	7	(10)	12	—
Amortization expense of purchased intangibles	(11)	(12)	(11)	(12)	(8)	(34)	(29)	(41)
Segment income	<u>\$ 349</u>	<u>\$ 342</u>	<u>\$ 292</u>	<u>\$ 306</u>	<u>\$ 363</u>	<u>\$ 983</u>	<u>\$ 1,095</u>	<u>\$ 1,401</u>
CAY Underwriting income ex Cats	\$ 225	\$ 195	\$ 184	\$ 211	\$ 217	\$ 604	\$ 606	\$ 817
<b>Combined ratio</b>								
Loss and loss expense ratio	51.1%	50.6%	52.3%	53.3%	51.7%	51.3%	50.8%	51.4%
Policy acquisition cost ratio	28.0%	28.3%	28.2%	27.1%	26.9%	28.1%	27.3%	27.2%
Administrative expense ratio	11.4%	11.9%	11.8%	11.7%	11.7%	11.7%	11.8%	11.8%
Combined ratio	<u>90.5%</u>	<u>90.8%</u>	<u>92.3%</u>	<u>92.1%</u>	<u>90.3%</u>	<u>91.1%</u>	<u>89.9%</u>	<u>90.4%</u>
<b>CAY combined ratio ex Cats</b>								
CAY loss and loss expense ratio ex Cats	50.7%	51.1%	51.3%	51.6%	51.3%	51.0%	51.5%	51.5%
CAY policy acquisition cost and administrative expense ratio ex Cats	39.3%	40.1%	40.0%	38.8%	38.7%	39.8%	39.1%	39.0%
CAY combined ratio ex Cats	<u>90.0%</u>	<u>91.2%</u>	<u>91.3%</u>	<u>90.4%</u>	<u>90.0%</u>	<u>90.8%</u>	<u>90.6%</u>	<u>90.5%</u>
Catastrophe losses—pre-tax	\$ 35	\$ 9	\$ 25	\$ 85	\$ 80	\$ 69	\$ 121	\$ 206
Favorable prior period development (PPD)—pre-tax	\$ (25)	\$ (20)	\$ (4)	\$ (46)	\$ (72)	\$ (49)	\$ (166)	\$ (212)
<b>% Change versus prior year period</b>								
Net premiums written	7.1%	2.7%	0.4%	3.4%	5.9%	3.3%	7.7%	6.6%
Net premiums earned	4.6%	3.0%	0.3%	3.5%	4.5%	2.6%	6.8%	5.9%
Net premiums written constant \$	10.7%	8.5%	6.0%	7.9%	7.5%	8.3%	4.5%	5.3%
Net premiums earned constant \$	8.0%	9.2%	6.3%	7.9%	5.9%	7.9%	3.6%	4.7%
<b>Other ratios</b>								
Net premiums written/gross premiums written	82%	79%	83%	82%	82%	81%	82%	82%
<b>Production by Region—Net premiums written</b>								
	<u>3Q-19</u>	<u>3Q-18</u>	<u>% Change</u>	<u>Constant \$ % Change</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>% Change</u>	<u>Constant \$ % Change</u>
Europe	\$ 782	\$ 727	7.6%	11.6%	\$2,698	\$2,641	2.2%	7.1%
Latin America	551	519	6.0%	9.8%	1,657	1,597	3.7%	11.1%
Asia	798	755	5.8%	8.9%	2,259	2,176	3.8%	7.5%
Other (1)	97	80	21.8%	25.9%	267	250	6.8%	11.5%
Total	<u>\$2,228</u>	<u>\$2,081</u>	7.1%	10.7%	<u>\$6,881</u>	<u>\$6,664</u>	3.3%	8.3%

(1) Primarily includes Eurasia and Africa, and the company's international supplemental A&H business of Combined Insurance.



**Chubb Limited**  
**Segment Results—Consecutive Quarters**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Global Reinsurance**

	<u>3Q-19</u>	<u>2Q-19</u>	<u>1Q-19</u>	<u>4Q-18</u>	<u>3Q-18</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>Full Year 2018</u>	
Gross premiums written	\$ 150	\$ 237	\$ 221	\$ 117	\$ 167	\$ 608	\$ 605	\$ 722	
Net premiums written	141	197	202	117	164	540	554	671	
Net premiums earned	160	159	168	178	157	487	492	670	
Losses and loss expenses	79	90	76	243	86	245	236	479	
Policy acquisition costs	42	42	43	42	40	127	120	162	
Administrative expenses	9	7	10	12	10	26	29	41	
Underwriting income (loss)	30	20	39	(119)	21	89	107	(12)	
Net investment income	55	55	56	65	63	166	192	257	
Other income (expense)—operating	16	15	9	6	13	40	26	32	
Segment income (loss)	<u>\$ 101</u>	<u>\$ 90</u>	<u>\$ 104</u>	<u>\$ (48)</u>	<u>\$ 97</u>	<u>\$ 295</u>	<u>\$ 325</u>	<u>\$ 277</u>	
CAY Underwriting income ex Cats	\$ 28	\$ 30	\$ 31	\$ 27	\$ 27	\$ 89	\$ 94	\$ 121	
<b>Combined ratio</b>									
Loss and loss expense ratio	49.6%	55.9%	45.7%	137.1%	55.0%	50.3%	48.0%	71.6%	
Policy acquisition cost ratio	26.2%	26.9%	25.4%	23.7%	25.2%	26.1%	24.3%	24.2%	
Administrative expense ratio	5.3%	4.9%	5.7%	6.1%	6.5%	5.3%	6.0%	6.0%	
Combined ratio	<u>81.1%</u>	<u>87.7%</u>	<u>76.8%</u>	<u>166.9%</u>	<u>86.7%</u>	<u>81.7%</u>	<u>78.3%</u>	<u>101.8%</u>	
<b>CAY combined ratio ex Cats</b>									
CAY loss and loss expense ratio ex Cats	49.9%	49.7%	50.5%	50.1%	51.2%	50.0%	50.6%	50.5%	
CAY policy acquisition cost and administrative expense ratio ex Cats	<u>32.2%</u>	<u>32.0%</u>	<u>31.0%</u>	<u>33.1%</u>	<u>31.6%</u>	<u>31.7%</u>	<u>30.5%</u>	<u>31.1%</u>	
CAY combined ratio ex Cats	<u>82.1%</u>	<u>81.7%</u>	<u>81.5%</u>	<u>83.2%</u>	<u>82.8%</u>	<u>81.7%</u>	<u>81.1%</u>	<u>81.6%</u>	
Catastrophe reinstatement premiums collected—pre-tax	\$ 2	\$ —	\$ —	\$ 18	\$ 4	\$ 2	\$ 4	\$ 22	
Catastrophe losses—pre-tax	\$ 25	\$ 10	\$ —	\$ 160	\$ 34	\$ 35	\$ 45	\$ 205	
Unfavorable (favorable) prior period development (PPD)—pre-tax	\$ (25)	\$ —	\$ (8)	\$ 4	\$ (24)	\$ (33)	\$ (54)	\$ (50)	
<b>% Change versus prior year period</b>									
Net premiums written as reported	-	14.0%	0.2%	4.4%	11.0%	14.3%	-2.5%	-4.5%	-2.1%
Net premiums earned as reported	-	1.9%	-5.0%	0.1%	10.2%	15.7%	-1.1%	-9.4%	-4.9%
Net premiums written constant \$	-	12.8%	1.3%	6.4%	11.7%	14.7%	-1.1%	-5.9%	-3.3%
Net premiums earned constant \$	-	3.1%	-3.5%	2.6%	10.6%	16.0%	0.7%	10.8%	-6.0%
<b>Other ratios</b>									
Net premiums written/gross premiums written	94%	83%	91%	99%	98%	89%	92%	93%	

**Chubb Limited**  
**Segment Results—Consecutive Quarters**  
(in millions of U.S. dollars)  
(Unaudited)

**Life Insurance**

	3Q-19	2Q-19	1Q-19	4Q-18	3Q-18	YTD 2019	YTD 2018	Full Year 2018
Gross premiums written	\$ 642	\$ 612	\$ 611	\$ 614	\$ 599	\$ 1,865	\$ 1,790	\$ 2,404
Net premiums written	612	579	579	582	564	1,770	1,688	2,270
Net premiums earned	598	571	561	575	551	1,730	1,643	2,218
Losses and loss expenses	190	189	202	182	195	581	584	766
Policy benefits (1)	158	161	196	162	127	515	428	590
(Gains) losses from fair value changes in separate account assets (1)	7	3	(30)	20	14	(20)	18	38
Policy acquisition costs	176	150	128	152	139	454	405	557
Administrative expenses	80	78	79	75	77	237	235	310
Net investment income	92	97	89	88	85	278	253	341
Life Insurance underwriting income (2)	79	87	75	72	84	241	226	298
Other income (expense)—operating	17	10	10	18	(6)	37	(6)	12
Amortization expense of purchased intangibles	(1)	(1)	—	(1)	—	(2)	(1)	(2)
Segment income	<u>\$ 95</u>	<u>\$ 96</u>	<u>\$ 85</u>	<u>\$ 89</u>	<u>\$ 78</u>	<u>\$ 276</u>	<u>\$ 219</u>	<u>\$ 308</u>
<b>% Change versus prior year period</b>								
Net premiums written	8.5%	2.5%	3.5%	4.8%	4.8%	4.8%	6.5%	6.1%
Net premiums earned	8.7%	3.4%	3.9%	3.9%	4.6%	5.3%	6.2%	5.6%
Net premiums written constant \$	9.1%	4.3%	5.2%	6.3%	5.1%	6.2%	5.5%	5.7%
Net premiums earned constant \$	9.3%	5.2%	5.5%	5.4%	4.9%	6.7%	5.2%	5.3%

- (1) (Gains) losses from fair value changes in separate account assets that do not qualify for separate account reporting under GAAP have been reclassified from Other income (expense) for purposes of presenting Life Insurance underwriting income. The offsetting movement in the separate account liabilities is included in Policy benefits.
- (2) We assess the performance of our Life Insurance business based on Life Insurance underwriting income which includes Net investment income and (Gains) losses from fair value changes in separate account assets.

International life insurance net premiums written and deposits collected breakdown (excludes Combined North America and Life reinsurance businesses):

	3Q-19	3Q-18	% Change	Constant \$ % Change	YTD 2019	YTD 2018	% Change	Constant \$ % Change
International life insurance net premiums written	\$ 259	\$ 217	19.0%	20.5%	\$ 715	\$ 654	9.2%	12.0%
International life insurance deposits (3)	369	392	-5.9%	-3.0%	1,059	1,163	-9.0%	-5.8%
Total international life insurance net premiums written and deposits	<u>\$ 628</u>	<u>\$ 609</u>	3.0%	5.5%	<u>\$ 1,774</u>	<u>\$ 1,817</u>	-2.4%	0.7%
International life insurance segment income	<u>\$ 40</u>	<u>\$ 29</u>	43.5%	47.2%	<u>\$ 116</u>	<u>\$ 71</u>	64.2%	69.8%

- (3) Includes deposits collected on universal life and investment contracts. Consistent with GAAP, premiums collected on universal life and investment contracts are considered deposits and excluded from revenues.

**Chubb Limited**  
**Segment Results—Consecutive Quarters**  
(in millions of U.S. dollars)  
(Unaudited)

**Corporate**

	<u>3Q-19</u>	<u>2Q-19</u>	<u>1Q-19</u>	<u>4Q-18</u>	<u>3Q-18</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>Full Year 2018</u>
Gross premiums written	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Net premiums written	—	—	—	—	—	—	—	—
Net premiums earned	—	—	—	—	—	—	—	—
Losses and loss expenses	38	34	11	(19)	13	83	72	53
Policy acquisition costs	—	—	—	—	—	—	—	—
Administrative expenses	74	74	63	95	58	211	200	295
Underwriting loss	(112)	(108)	(74)	(76)	(71)	(294)	(272)	(348)
Adjusted net investment income	9	10	9	8	11	28	31	39
Other income (expense)—operating	(7)	(4)	(7)	(8)	(8)	(18)	(17)	(25)
Adjusted interest expense	(143)	(145)	(145)	(158)	(170)	(433)	(516)	(674)
Amortization expense of purchased intangibles	(54)	(54)	(55)	(63)	(64)	(163)	(192)	(255)
Income tax expense	(219)	(216)	(202)	(192)	(183)	(637)	(550)	(742)
Core operating loss	(526)	(517)	(474)	(489)	(485)	(1,517)	(1,516)	(2,005)
Chubb integration expenses, net of tax	(2)	(3)	(2)	(15)	(14)	(7)	(32)	(47)
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of tax	(24)	(32)	(33)	(42)	(42)	(89)	(133)	(175)
Adjusted net realized gains (losses), net of tax <sup>(1)</sup>	(119)	(10)	(95)	(523)	165	(224)	300	(223)
Net loss	<u>\$(671)</u>	<u>\$(562)</u>	<u>\$(604)</u>	<u>\$(1,069)</u>	<u>\$(376)</u>	<u>\$(1,837)</u>	<u>\$(1,381)</u>	<u>\$ (2,450)</u>
Unfavorable (favorable) prior period development (PPD)—pre-tax	\$ 36	\$ 33	\$ 10	\$ (22)	\$ 12	\$ 79	\$ 67	\$ 45

(1) Includes Net realized gains (losses) related to unconsolidated entities.

**Chubb Limited**  
**Loss Reserve Rollforward**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

	<u>Unpaid Losses</u>			<u>Net Paid to Incurred Ratio</u>
	<u>Gross</u>	<u>Ceded</u>	<u>Net</u>	
<b>Balance at June 30, 2017</b>	<b>\$60,394</b>	<b>\$12,485</b>	<b>\$47,909</b>	
Losses and loss expenses incurred	8,410	2,163	6,247	
Losses and loss expenses paid	(5,207)	(909)	(4,298)	69%
Other (incl. foreign exch. revaluation)	556	131	425	
<b>Balance at September 30, 2017</b>	<b>\$64,153</b>	<b>\$13,870</b>	<b>\$50,283</b>	
Losses and loss expenses incurred	5,755	1,483	4,272	
Losses and loss expenses paid	(6,419)	(1,298)	(5,121)	120%
Other (incl. foreign exch. revaluation)	(310)	(41)	(269)	
<b>Balance at December 31, 2017</b>	<b>\$63,179</b>	<b>\$14,014</b>	<b>\$49,165</b>	
Losses and loss expenses incurred	5,028	926	4,102	
Losses and loss expenses paid	(5,448)	(1,206)	(4,242)	103%
Other (incl. foreign exch. revaluation)	380	88	292	
<b>Balance at March 31, 2018</b>	<b>\$63,139</b>	<b>\$13,822</b>	<b>\$49,317</b>	
Losses and loss expenses incurred	5,458	971	4,487	
Losses and loss expenses paid	(5,304)	(931)	(4,373)	97%
Other (incl. foreign exch. revaluation)	(515)	(127)	(388)	
<b>Balance at June 30, 2018</b>	<b>\$62,778</b>	<b>\$13,735</b>	<b>\$49,043</b>	
Losses and loss expenses incurred	6,472	1,604	4,868	
Losses and loss expenses paid	(5,771)	(1,268)	(4,503)	93%
Other (incl. foreign exch. revaluation)	(450)	(106)	(344)	
<b>Balance at September 30, 2018</b>	<b>\$63,029</b>	<b>\$13,965</b>	<b>\$49,064</b>	
Losses and loss expenses incurred	6,687	2,077	4,610	
Losses and loss expenses paid	(6,556)	(1,334)	(5,222)	113%
Other (incl. foreign exch. revaluation)	(200)	(19)	(181)	
<b>Balance at December 31, 2018</b>	<b>\$62,960</b>	<b>\$14,689</b>	<b>\$48,271</b>	
Losses and loss expenses incurred	5,261	1,163	4,098	
Losses and loss expenses paid	(5,197)	(1,178)	(4,019)	98%
Other (incl. foreign exch. revaluation)	119	33	86	
<b>Balance at March 31, 2019</b>	<b>\$63,143</b>	<b>\$14,707</b>	<b>\$48,436</b>	
Losses and loss expenses incurred	5,758	1,043	4,715	
Losses and loss expenses paid	(5,581)	(1,489)	(4,092)	87%
Other (incl. foreign exch. revaluation)	(115)	(28)	(87)	
<b>Balance at June 30, 2019</b>	<b>\$63,205</b>	<b>\$14,233</b>	<b>\$48,972</b>	
Losses and loss expenses incurred	6,783	1,731	5,052	
Losses and loss expenses paid	(6,751)	(1,568)	(5,183)	103%
Other (incl. foreign exch. revaluation)	(225)	(64)	(161)	
<b>Balance at September 30, 2019</b>	<b>\$63,012</b>	<b>\$14,332</b>	<b>\$48,680</b>	
Add net recoverable on paid losses	—	1,195	(1,195)	
<b>Balance including net recoverable on paid losses</b>	<b>\$63,012</b>	<b>\$15,527</b>	<b>\$47,485</b>	

**Chubb Limited**  
**Reinsurance Recoverable Analysis**  
(in millions of U.S. dollars)  
(Unaudited)

**Net Reinsurance Recoverable by Division**

	<u>September 30</u> <u>2019</u>	<u>June 30</u> <u>2019</u>	<u>March 31</u> <u>2019</u>	<u>December 31</u> <u>2018</u>
<b>Reinsurance recoverable on paid losses and loss expenses</b>				
Active operations	\$ 1,072	\$ 1,079	\$ 1,124	\$ 980
Brandywine and Other Run-off	193	209	381	396
Total	<u>\$ 1,265</u>	<u>\$ 1,288</u>	<u>\$ 1,505</u>	<u>\$ 1,376</u>
<b>Reinsurance recoverable on unpaid losses and loss expenses</b>				
Active operations	\$ 13,427	\$13,315	\$ 13,720	\$ 13,705
Brandywine and Other Run-off	1,155	1,166	1,235	1,235
Total	<u>\$ 14,582</u>	<u>\$14,481</u>	<u>\$ 14,955</u>	<u>\$ 14,940</u>
<b>Gross reinsurance recoverable</b>				
Active operations	\$ 14,499	\$14,394	\$ 14,844	\$ 14,685
Brandywine and Other Run-off	1,348	1,375	1,616	1,631
Total	<u>\$ 15,847</u>	<u>\$15,769</u>	<u>\$ 16,460</u>	<u>\$ 16,316</u>
<b>Provision for uncollectible reinsurance (1)</b>				
Active operations	\$ (187)	\$ (187)	\$ (187)	\$ (185)
Brandywine and Other Run-off	(133)	(137)	(136)	(138)
Total	<u>\$ (320)</u>	<u>\$ (324)</u>	<u>\$ (323)</u>	<u>\$ (323)</u>
<b>Net reinsurance recoverable</b>				
Active operations	\$ 14,312	\$14,207	\$ 14,657	\$ 14,500
Brandywine and Other Run-off	1,215	1,238	1,480	1,493
Total	<u>\$ 15,527</u>	<u>\$15,445</u>	<u>\$ 16,137</u>	<u>\$ 15,993</u>

(1) The provision for uncollectible reinsurance is based on a default analysis applied to gross reinsurance, net of usable collateral of approximately \$3.9 billion.

**Chubb Limited**  
**Investment Portfolio**  
(in millions of U.S. dollars)  
(Unaudited)

	September 30 2019		June 30 2019		March 31 2019		December 31 2018		
<b>Market Value</b>									
Fixed maturities available for sale	\$	85,044	\$	82,410	\$	80,663	\$	78,470	
Fixed maturities held to maturity		13,096		13,177		13,240		13,259	
Short-term investments		2,835		3,808		3,078		3,016	
Total fixed maturities		<u>\$100,975</u>		<u>\$ 99,395</u>		<u>\$ 96,981</u>		<u>\$ 94,745</u>	
<b>Asset Allocation by Market Value</b>									
Treasury / Agency	\$	4,840	5%	\$	4,833	5%	\$	5,327	6%
Corporate and asset-backed		33,881	34%		32,261	32%		29,091	31%
Mortgage-backed		21,488	21%		20,468	21%		18,026	19%
Municipal		13,369	13%		13,854	14%		16,327	17%
Non-U.S.		24,562	24%		24,171	24%		22,958	24%
Short-term investments		2,835	3%		3,808	4%		3,016	3%
Total fixed maturities		<u>\$100,975</u>	<u>100%</u>		<u>\$ 99,395</u>	<u>100%</u>		<u>\$ 94,745</u>	<u>100%</u>
<b>Credit Quality by Market Value</b>									
AAA	\$	14,696	15%	\$	15,276	15%	\$	14,917	16%
AA		37,752	37%		37,211	38%		36,715	39%
A		18,977	19%		18,476	19%		17,253	18%
BBB		13,228	13%		12,682	13%		12,035	13%
BB		9,317	9%		9,161	9%		8,363	9%
B		6,739	7%		6,375	6%		5,596	6%
Other		266	0%		214	0%		212	0%
Total fixed maturities		<u>\$100,975</u>	<u>100%</u>		<u>\$ 99,395</u>	<u>100%</u>		<u>\$ 94,745</u>	<u>100%</u>
<b>Cost/Amortized Cost</b>									
Fixed maturities available for sale	\$	82,036		\$	80,119		\$	79,624	
Fixed maturities held to maturity		12,622			12,838			13,136	
Short-term investments		2,838			3,808			3,078	
Subtotal fixed maturities		<u>97,496</u>			<u>96,765</u>			<u>95,838</u>	
Equity securities		722			715			821	
Other investments		5,955			5,968			5,562	
Total investment portfolio		<u>\$104,173</u>			<u>\$103,448</u>			<u>\$102,221</u>	
Avg. duration of fixed maturities		3.8			3.8			3.6	
		years			years			years	
Avg. market yield of fixed maturities		2.7%			2.9%			3.2%	
Avg. credit quality		A/Aa			A/Aa			A/Aa	
Avg. yield on invested assets (1)		3.5%			3.5%			3.5%	

(1) Calculated using adjusted net investment income.

**Chubb Limited**  
**Investment Portfolio—2**  
(in millions of U.S. dollars)  
(Unaudited)

**Mortgage-backed Fixed Income Portfolio**

**Mortgage-backed securities**

	S&P Credit Rating					Total
	AAA	AA	A	BBB	BB and below	
<b>Market Value at September 30, 2019</b>						
Agency residential mortgage-backed (RMBS)	\$ 191	\$17,606	\$ —	\$ —	\$ —	\$17,797
Non-agency RMBS	132	48	74	17	11	282
Commercial mortgage-backed	3,031	247	125	6	—	3,409
<b>Total mortgage-backed securities at market value</b>	<b>\$3,354</b>	<b>\$17,901</b>	<b>\$ 199</b>	<b>\$ 23</b>	<b>\$ 11</b>	<b>\$21,488</b>

**U.S. Corporate and Asset-backed Fixed Income Portfolios**

**Market Value at September 30, 2019**

	S&P Credit Rating					Total
	Investment Grade					
	AAA	AA	A	BBB		
Asset-backed	\$ 3,298	\$ 311	\$ 40	\$ 33		\$ 3,682
Banks	—	34	2,244	1,310		3,588
Basic Materials	—	—	103	202		305
Communications	—	167	485	1,038		1,690
Consumer, Cyclical	—	359	522	559		1,440
Consumer, Non-Cyclical	62	561	1,622	1,398		3,643
Diversified Financial Services	7	112	365	311		795
Energy	—	55	167	810		1,032
Industrial	—	50	695	822		1,567
Utilities	—	—	895	421		1,316
All Others	193	357	1,432	1,081		3,063
<b>Total</b>	<b>\$ 3,560</b>	<b>\$2,006</b>	<b>\$8,570</b>	<b>\$ 7,985</b>		<b>\$22,121</b>

**Market Value at September 30, 2019**

	S&P Credit Rating				Total
	Below Investment Grade				
	BB	B	CCC		
Asset-backed	\$ —	\$ 4	\$ 6		\$ 10
Banks	—	—	—		—
Basic Materials	408	196	2		606
Communications	1,025	822	22		1,869
Consumer, Cyclical	1,168	679	20		1,867
Consumer, Non-Cyclical	1,250	1,336	26		2,612
Diversified Financial Services	227	239	8		474
Energy	672	378	4		1,054
Industrial	719	692	22		1,433
Utilities	252	18	10		280
All Others	879	642	34		1,555
<b>Total</b>	<b>\$6,600</b>	<b>\$5,006</b>	<b>\$ 154</b>		<b>\$11,760</b>

**Chubb Limited**  
**Investment Portfolio—3**  
(in millions of U.S. dollars)  
(Unaudited)

**Non-U.S. Fixed Income Portfolio**  
**September 30, 2019**

**Non-U.S. Government Securities**

	Market Value by S&P Credit Rating					Total
	AAA	AA	A	BBB	BB and below	
Republic of Korea	\$ —	\$ 1,056	\$ —	\$ —	\$ —	\$ 1,056
United Kingdom	—	893	—	—	—	893
Canada	848	—	—	—	—	848
Federative Republic of Brazil	—	—	—	—	732	732
Kingdom of Thailand	—	—	644	—	—	644
Province of Ontario	—	9	623	—	—	632
United Mexican States	—	—	428	123	—	551
Province of Quebec	—	496	—	—	—	496
Commonwealth of Australia	353	3	—	—	—	356
French Republic	—	312	—	—	—	312
Other Non-U.S. Government Securities	858	1,187	975	661	1,170	4,851
<b>Total</b>	<b>\$ 2,059</b>	<b>\$ 3,956</b>	<b>\$ 2,670</b>	<b>\$ 784</b>	<b>\$ 1,902</b>	<b>\$ 11,371</b>

**Non-U.S. Corporate Securities**

	Market Value by S&P Credit Rating					Total
	AAA	AA	A	BBB	BB and below	
United Kingdom	\$ 75	\$ 108	\$ 738	\$ 849	\$ 378	\$ 2,148
Canada	105	279	370	530	406	1,690
United States (1)	2	—	204	328	610	1,144
France	8	41	658	293	48	1,048
Australia	105	199	369	136	17	826
Netherlands	41	84	291	146	92	654
Japan	—	45	474	61	—	580
Germany	67	40	143	249	40	539
Switzerland	49	2	212	193	29	485
China	—	—	249	63	43	355
Other Non-U.S. Corporate Securities	387	413	969	1,200	753	3,722
<b>Total</b>	<b>\$ 839</b>	<b>\$ 1,211</b>	<b>\$ 4,677</b>	<b>\$ 4,048</b>	<b>\$ 2,416</b>	<b>\$ 13,191</b>

(1) Countries represent the ultimate parent company's country of risk. Non-U.S. corporate securities could be issued by foreign subsidiaries of U.S. corporations.



**Chubb Limited**  
**Investment Portfolio—4**  
**(in millions of U.S. dollars)**  
**(Unaudited)**

**Fixed Maturity Investment Portfolio**

**Top 10 Global Corporate Exposures**

	<u>September 30, 2019</u>	<u>Market Value</u>	<u>Rating</u>
1	Wells Fargo & Co	\$ 630	A-
2	JP Morgan Chase & Co	576	A-
3	Bank of America Corp	558	A-
4	Comcast Corp	459	A-
5	HSBC Holdings Plc	385	A
6	AT&T Inc	384	BBB
7	Verizon Communications Inc	378	BBB+
8	Citigroup Inc	359	BBB+
9	Morgan Stanley	337	BBB+
10	Goldman Sachs Group Inc	337	BBB+

**Chubb Limited**  
**Net Realized and Unrealized Gains (Losses)**  
(in millions of U.S. dollars)  
(Unaudited)

	Three months ended September 30, 2019								
	Realized Gains (Losses)			Unrealized Gains (Losses)			Realized and Unrealized Gains (Losses)		
	Gains (Losses)	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax
	Pre-Tax	Benefit	After-Tax	Pre-Tax	Benefit	After-Tax	Pre-Tax	Benefit	After-Tax
Fixed income investments (1)	\$ (106)	\$ 2	\$ (104)	\$ 705	\$ (125)	\$ 580	\$ 599	\$ (123)	\$ 476
Public equity (1):									
Realized gains (losses) on sales	22	(5)	17	—	—	—	22	(5)	17
Mark-to-market	(21)	1	(20)	—	—	—	(21)	1	(20)
Private equity:									
Realized gains (losses) on sales	(2)	—	(2)	—	—	—	(2)	—	(2)
Mark-to-market	34	(2)	32	—	—	—	34	(2)	32
Total investment portfolio	(73)	(4)	(77)	705	(125)	580	632	(129)	503
Mark-to-market from variable annuity reinsurance derivative transactions, net of applicable hedges (2)	(112)	—	(112)	—	—	—	(112)	—	(112)
Foreign exchange	84	(15)	69	(193)	8	(185)	(109)	(7)	(116)
Partially-owned entities (3)	5	—	5	—	—	—	5	—	5
Other (4)	(4)	—	(4)	(17)	4	(13)	(21)	4	(17)
Net gains (losses)	<u>\$ (100)</u>	<u>\$ (19)</u>	<u>\$ (119)</u>	<u>\$ 495</u>	<u>\$ (113)</u>	<u>\$ 382</u>	<u>\$ 395</u>	<u>\$ (132)</u>	<u>\$ 263</u>

- (1) The quarter includes pre-tax realized losses on derivatives of: \$95 million in fixed income and \$2 million in public equity. Other-than-temporary impairments for the quarter in realized losses were \$24 million pre-tax for fixed maturities.
- (2) The quarter includes \$6 million of losses on applicable hedges. These losses are both pre-tax and after-tax.
- (3) Partially-owned entities are investments where we hold more than an insignificant percentage of the investee's shares. Refer to the Non-GAAP financial measures section for additional details.
- (4) Other unrealized gains (losses) are primarily related to the company's postretirement programs.

	Three months ended September 30, 2018								
	Realized Gains (Losses)			Unrealized Gains (Losses)			Realized and Unrealized Gains (Losses)		
	Gains (Losses)	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax
	Pre-Tax	Benefit	After-Tax	Pre-Tax	Benefit	After-Tax	Pre-Tax	Benefit	After-Tax
Fixed income investments (5)	\$ (1)	\$ (2)	\$ (3)	\$ (213)	\$ 54	\$ (159)	\$ (214)	\$ 52	\$ (162)
Public equity:									
Realized gains (losses) on sales	48	(9)	39	—	—	—	48	(9)	39
Mark-to-market	(13)	4	(9)	—	—	—	(13)	4	(9)
Private equity:									
Realized gains (losses) on sales	—	—	—	—	—	—	—	—	—
Mark-to-market	157	(6)	151	—	—	—	157	(6)	151
Total investment portfolio	191	(13)	178	(213)	54	(159)	(22)	41	19
Mark-to-market from variable annuity reinsurance derivative transactions, net of applicable hedges (6)	(46)	—	(46)	—	—	—	(46)	—	(46)
Foreign exchange	39	(2)	37	(482)	20	(462)	(443)	18	(425)
Partially-owned entities (7)	1	—	1	—	—	—	1	—	1
Other (8)	(6)	1	(5)	(21)	3	(18)	(27)	4	(23)
Net gains (losses)	<u>\$ 179</u>	<u>\$ (14)</u>	<u>\$ 165</u>	<u>\$ (716)</u>	<u>\$ 77</u>	<u>\$ (639)</u>	<u>\$ (537)</u>	<u>\$ 63</u>	<u>\$ (474)</u>

- (5) The quarter includes \$37 million pre-tax realized gains on fixed income derivatives. Other-than-temporary impairments for the quarter in realized losses were \$11 million pre-tax for fixed maturities.
- (6) The quarter includes \$100 million of losses on applicable hedges. These losses are both pre-tax and after-tax.
- (7) Partially-owned entities are investments where we hold more than an insignificant percentage of the investee's shares. Refer to the Non-GAAP financial measures section for additional details.
- (8) Other unrealized gains (losses) are primarily related to the company's postretirement programs.

**Chubb Limited**  
**Net Realized and Unrealized Gains (Losses)**  
(in millions of U.S. dollars)  
(Unaudited)

	Nine months ended September 30, 2019								
	Realized Gains (Losses)			Unrealized Gains (Losses)			Realized and Unrealized Gains (Losses)		
	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax
Fixed income investments (1)	\$ (417)	\$ 10	\$ (407)	\$ 3,834	\$ (676)	\$ 3,158	\$ 3,417	\$ (666)	\$ 2,751
Public equity (1):									
Realized gains (losses) on sales	23	(5)	18	—	—	—	23	(5)	18
Mark-to-market	9	(3)	6	—	—	—	9	(3)	6
Private equity:									
Realized gains (losses) on sales	(4)	—	(4)	—	—	—	(4)	—	(4)
Mark-to-market	227	—	227	—	—	—	227	—	227
Total investment portfolio	(162)	2	(160)	3,834	(676)	3,158	3,672	(674)	2,998
Mark-to-market from variable annuity reinsurance derivative transactions, net of applicable hedges (2)	(146)	—	(146)	—	—	—	(146)	—	(146)
Foreign exchange	86	(14)	72	(143)	3	(140)	(57)	(11)	(68)
Partially-owned entities (3)	15	(1)	14	—	—	—	15	(1)	14
Other (4)	(4)	—	(4)	(62)	13	(49)	(66)	13	(53)
Net gains (losses)	\$ (211)	\$ (13)	\$ (224)	\$ 3,629	\$ (660)	\$ 2,969	\$ 3,418	\$ (673)	\$ 2,745

- (1) Year to date includes pre-tax realized losses on derivatives of: \$374 million in fixed income and \$34 million in public equity. Year to date other-than-temporary impairments in realized losses were \$50 million pre-tax for fixed maturities.
- (2) Year to date includes \$89 million of losses on applicable hedges. These losses are both pre-tax and after-tax.
- (3) Partially-owned entities are investments where we hold more than an insignificant percentage of the investee's shares. Refer to the Non-GAAP financial measures section for additional details.
- (4) Other unrealized gains (losses) are primarily related to the company's postretirement programs.

	Nine months ended September 30, 2018								
	Realized Gains (Losses)			Unrealized Gains (Losses)			Realized and Unrealized Gains (Losses)		
	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax	Gains (Losses) Pre-Tax	Tax (Expense) Benefit	Gains (Losses) After-Tax
Fixed income investments (5)	\$ (64)	\$ 9	\$ (55)	\$(1,921)	\$ 339	\$ (1,582)	\$ (1,985)	\$ 348	\$ (1,637)
Public equity:									
Realized gains (losses) on sales	61	(12)	49	—	—	—	61	(12)	49
Mark-to-market	(41)	10	(31)	—	—	—	(41)	10	(31)
Private equity:									
Realized gains (losses) on sales	—	—	—	—	—	—	—	—	—
Mark-to-market	317	(24)	293	—	—	—	317	(24)	293
Total investment portfolio	273	(17)	256	(1,921)	339	(1,582)	(1,648)	322	(1,326)
Mark-to-market from variable annuity reinsurance derivative transactions, net of applicable hedges (6)	11	—	11	—	—	—	11	—	11
Foreign exchange	102	(20)	82	(659)	5	(654)	(557)	(15)	(572)
Partially-owned entities (7)	—	—	—	—	—	—	—	—	—
Other (8)	(61)	12	(49)	(61)	12	(49)	(122)	24	(98)
Net gains (losses)	\$ 325	\$ (25)	\$ 300	\$(2,641)	\$ 356	\$(2,285)	\$(2,316)	\$ 331	\$(1,985)

- (5) Year to date includes \$78 million pre-tax realized gains on fixed income derivatives. Year to date other-than-temporary impairments in realized losses were \$16 million pre-tax for fixed maturities.
- (6) Year to date includes \$122 million of losses on applicable hedges. These losses are both pre-tax and after-tax.
- (7) Partially-owned entities are investments where we hold more than an insignificant percentage of the investee's shares. Refer to the Non-GAAP financial measures section for additional details.
- (8) Other realized losses, pre-tax, primarily include \$36 million related to the early redemption of the \$1.0 billion junior subordinated capital securities in April 2018 and \$22 million related to lease impairments. Other unrealized gains (losses) are primarily related to the company's postretirement programs.

**Chubb Limited**  
**Debt and Capital**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

	September 30 2019	June 30 2019	March 31 2019	December 31 2018	December 31 2017
<b>Financial Debt:</b>					
Total short-term debt	\$ 10	\$ 9	\$ 509	\$ 509	\$ 1,013
Total long-term debt	13,285	13,371	12,071	12,087	11,556
Total financial debt	<u>\$ 13,295</u>	<u>\$13,380</u>	<u>\$ 12,580</u>	<u>\$ 12,596</u>	<u>\$ 12,569</u>
<b>Hybrid debt:</b>					
Total trust preferred securities	308	308	308	308	308
Total	<u>\$ 13,603</u>	<u>\$13,688</u>	<u>\$ 12,888</u>	<u>\$ 12,904</u>	<u>\$ 12,877</u>
<b>Capitalization:</b>					
Shareholders' equity	\$ 54,572	\$53,802	\$ 52,355	\$ 50,312	\$ 51,172
Hybrid debt	308	308	308	308	308
Financial debt	13,295	13,380	12,580	12,596	12,569
Total capitalization	<u>\$ 68,175</u>	<u>\$67,490</u>	<u>\$ 65,243</u>	<u>\$ 63,216</u>	<u>\$ 64,049</u>
<b>Leverage ratios (based on total capital):</b>					
Hybrid debt	0.5%	0.5%	0.5%	0.5%	0.5%
Financial debt	19.5%	19.8%	19.3%	19.9%	19.6%
Total hybrid & financial debt	<u>20.0%</u>	<u>20.3%</u>	<u>19.8%</u>	<u>20.4%</u>	<u>20.1%</u>

Note: As of September 30, 2019, there was \$0.4 billion usage of credit facilities on a total commitment of \$1.0 billion.

**Chubb Limited**  
**Computation of Basic and Diluted Earnings Per Share**  
(in millions of U.S. dollars, except share and per share data)  
(Unaudited)

	Three months ended September 30		Nine months ended September 30	
	2019	2018	2019	2018
<b>Numerator</b>				
Core operating income to common shares	\$ 1,236	\$ 1,122	\$ 3,601	\$ 3,472
Amortization of fair value adjustment of acquired invested assets and long-term debt, pre-tax	(32)	(54)	(111)	(165)
Tax benefit on amortization adjustment	8	12	22	32
Chubb integration expenses, pre-tax	(2)	(16)	(9)	(39)
Tax benefit on Chubb integration expenses	—	2	2	7
Adjusted net realized gains (losses), pre-tax	(100)	179	(211)	325
Tax (expense) benefit on adjusted net realized gains (losses)	(19)	(14)	(13)	(25)
Net income	<u>\$ 1,091</u>	<u>\$ 1,231</u>	<u>\$ 3,281</u>	<u>\$ 3,607</u>
<b>Rollforward of Common Shares Outstanding</b>				
Shares—beginning of period	456,077,819	463,502,164	459,203,378	463,833,179
Repurchase of shares	(3,079,618)	(2,781,307)	(8,417,838)	(5,225,162)
Shares issued, excluding option exercises	(76,142)	(13,598)	1,146,942	1,582,169
Issued for option exercises	611,583	393,531	1,601,160	910,604
Shares—end of period	<u>453,533,642</u>	<u>461,100,790</u>	<u>453,533,642</u>	<u>461,100,790</u>
<b>Denominator</b>				
Weighted average shares outstanding <sup>(1)</sup>	454,975,143	462,981,973	456,987,560	464,644,013
Effect of other dilutive securities	3,175,226	3,034,525	2,937,026	3,360,511
Adj. wtd. avg. shares outstanding and assumed conversions	<u>458,150,369</u>	<u>466,016,498</u>	<u>459,924,586</u>	<u>468,004,524</u>
<b>Basic earnings per share</b>				
Core operating income	\$ 2.72	\$ 2.42	\$ 7.88	\$ 7.47
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of tax	(0.06)	(0.09)	(0.19)	(0.29)
Chubb integration expenses, net of tax	—	(0.03)	(0.02)	(0.07)
Adjusted net realized gains (losses), net of tax	(0.26)	0.36	(0.49)	0.65
Net income	<u>\$ 2.40</u>	<u>\$ 2.66</u>	<u>\$ 7.18</u>	<u>\$ 7.76</u>
<b>Diluted earnings per share</b>				
Core operating income	\$ 2.70	\$ 2.41	\$ 7.83	\$ 7.42
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of tax	(0.06)	(0.09)	(0.19)	(0.29)
Chubb integration expenses, net of tax	—	(0.03)	(0.02)	(0.07)
Adjusted net realized gains (losses), net of tax	(0.26)	0.35	(0.49)	0.65
Net income	<u>\$ 2.38</u>	<u>\$ 2.64</u>	<u>\$ 7.13</u>	<u>\$ 7.71</u>

(1) Includes unvested restricted stock units that are not included in common shares outstanding as the shares are not issued until time of vesting, but are eligible to receive dividends (participating securities).

**Chubb Limited**  
**Book Value and Book Value per Common Share**  
(in millions of U.S. dollars, except share and per share data)  
(Unaudited)

**Reconciliation of Book Value per Common Share**

	September 30 2019	June 30 2019	March 31 2019	December 31 2018	September 30 2018
Shareholders' equity	\$ 54,572	\$ 53,802	\$ 52,355	\$ 50,312	\$ 50,934
Less: goodwill and other intangible assets, net of tax	20,010	20,170	20,070	20,054	20,121
Numerator for tangible book value per share	<u>\$ 34,562</u>	<u>\$ 33,632</u>	<u>\$ 32,285</u>	<u>\$ 30,258</u>	<u>\$ 30,813</u>
Book value—% change over prior quarter	1.4%	2.8%	4.1%	-1.2%	-0.1%
Tangible book value—% change over prior quarter	2.8%	4.2%	6.7%	-1.8%	0.7%
Denominator	<u>453,533,642</u>	<u>456,077,819</u>	<u>458,179,205</u>	<u>459,203,378</u>	<u>461,100,790</u>
Book value per common share	\$ 120.33	\$ 117.97	\$ 114.27	\$ 109.56	\$ 110.46
Tangible book value per common share	\$ 76.21	\$ 73.74	\$ 70.46	\$ 65.89	\$ 66.83
<b>Reconciliation of Book Value</b>					
Shareholders' equity, beginning of quarter (1)	\$ 53,802	\$ 52,355	\$ 50,300	\$ 50,934	\$ 50,971
Core operating income	1,236	1,195	1,170	935	1,122
Amortization of fair value adjustment of acquired invested assets and long-term debt, net of tax	(24)	(32)	(33)	(42)	(42)
Chubb integration expenses, net of tax	(2)	(3)	(2)	(15)	(14)
Adjusted net realized gains (losses), net of tax (2)	(119)	(10)	(95)	(523)	165
Net unrealized gains (losses) on the investment portfolio	580	1,019	1,559	(117)	(159)
Repurchase of shares	(478)	(376)	(367)	(318)	(379)
Dividend declared on common shares	(341)	(344)	(335)	(336)	(337)
Cumulative translation gains (losses)	(185)	(95)	140	(113)	(462)
Postretirement benefit liability	(13)	(15)	(21)	(205)	(18)
Other (3)	116	108	39	112	87
	<u>\$ 54,572</u>	<u>\$ 53,802</u>	<u>\$ 52,355</u>	<u>\$ 50,312</u>	<u>\$ 50,934</u>

- (1) January 1, 2019 included a \$12 million after-tax reduction to beginning equity related to the adoption of new accounting guidance on premium amortization of purchased callable debt securities.
- (2) Includes net realized gains (losses) related to unconsolidated entities.
- (3) Other primarily includes proceeds from exercise of stock options and stock compensation, offset by the value of any share cancellations for restricted stock vesting taxes.

**Chubb Limited**  
**Non-GAAP Financial Measures**  
**(Unaudited)**

**Regulation G—Non-GAAP Financial Measures**

In presenting our results, we included and discussed certain non-GAAP measures. These non-GAAP measures, which may be defined differently by other companies, are important for an understanding of our overall results of operations and financial condition. However, they should not be viewed as a substitute for measures determined in accordance with generally accepted accounting principles (GAAP).

Throughout this document there are various measures presented on a constant-dollar basis (i.e., excludes the impact of foreign exchange). We believe it is useful to evaluate the trends in our results exclusive of the effect of fluctuations in exchange rates between the U.S. dollar and the currencies in which our international business is transacted, as these exchange rates could fluctuate significantly between periods and distort the analysis of trends. The impact is determined by assuming constant foreign exchange rates between periods by translating prior period results using the same local currency exchange rates as the comparable current period.

Underwriting income is calculated by subtracting adjusted losses and loss expenses, policy benefits, policy acquisition costs and administrative expenses from net premiums earned. We use underwriting income and operating ratios to monitor the results of our operations without the impact of certain factors, including net investment income, other income (expense), interest expense, amortization expense of purchased intangibles, Chubb integration expense, income tax expense and adjusted net realized gains (losses).

CAY underwriting income excluding catastrophe losses (Cats) is underwriting income adjusted to exclude Cats and prior period development (PPD). We believe it is useful to exclude Cats, as they are not predictable as to timing and amount, and PPD as these unexpected loss developments on historical reserves are not indicative of our current underwriting performance. We believe the use of these measures enhances the understanding of our results of operations by highlighting the underlying profitability of our insurance business.

Segment income (loss) includes underwriting income (loss), adjusted net investment income, other income (expense) – operating, and amortization expense of purchased intangibles.

Adjusted losses and loss expenses include realized gains and losses on crop derivatives. These derivatives were purchased to provide economic benefit, in a manner similar to reinsurance protection, in the event that a significant decline in commodity pricing impacts underwriting results. We view gains and losses on these derivatives as part of the results of our underwriting operations, and therefore realized gains and losses from these derivatives are reclassified to adjusted losses and loss expenses.

Adjusted net investment income is net investment income excluding the amortization of the fair value adjustment on acquired invested assets from the acquisition of The Chubb Corporation (Chubb Corp). We believe this measure is meaningful as it highlights the underlying performance of our invested assets and portfolio management in support of our lines of business.

Adjusted interest expense is interest expense excluding the amortization of the fair value adjustment on acquired long-term debt, related to the Chubb Corp acquisition due to the size and complexity of this acquisition.

Other income (expense) – operating excludes from consolidated Other income (expense) the portion of net realized gains and losses related to unconsolidated entities and gains and losses from fair value changes in separate account assets that do not qualify for separate account reporting under GAAP. Net realized gains (losses) related to unconsolidated entities is excluded from core operating income in order to enhance the understanding of our results of underwriting operations as they are heavily influenced by, and fluctuate in part according to, market conditions. Other income (expense) – operating and net realized gains and losses related to unconsolidated entities are recorded to Other income (expense) in our income statement on a GAAP basis.

P&C underwriting income and P&C combined ratio exclude the Life Insurance segment. P&C loss and loss expense ratio and P&C combined ratio include adjusted losses and loss expenses in the ratio numerator. P&C expense ratio and P&C combined ratio include policy acquisition costs and administrative expenses in the ratio numerator. A reconciliation of combined ratio to P&C combined ratio is provided on pages 32-35.

CAY P&C combined ratio excluding catastrophe losses excludes Cats and PPD from the P&C combined ratio. We exclude Cats as they are not predictable as to timing and amount and PPD as these unexpected loss developments on historical reserves are not indicative of our current underwriting performance. The combined ratio numerator is adjusted to exclude Cats, net premiums earned adjustments on PPD, prior period expense adjustments and reinstatement premiums on PPD, and the denominator is adjusted to exclude net premiums earned adjustments on PPD and reinstatement premiums on Cats and PPD. In periods where there are adjustments on loss sensitive policies, these adjustments are excluded from PPD and net premiums earned when calculating the ratios. We believe this measure provides a better evaluation of our underwriting performance and enhances the understanding of the trends in our P&C business that may be obscured by these items. This measure is commonly reported among our peer companies and allows for a better comparison.

Expense ratio excluding accident and health (A&H) excludes the impact of our A&H business from our expense ratio. The expense ratio for the A&H business is typically higher than our traditional P&C business, and we believe that this measure provides better comparison to our peer companies that may not have a significant A&H block of business.

Global P&C performance metrics comprise consolidated operating results (including corporate) and exclude the operating results of the company's Life Insurance and North America Agricultural Insurance segments. We believe that these measures are useful and meaningful to investors as they are used by management to assess the company's global P&C operations which are the most economically similar. We exclude the North America Agricultural Insurance and Life Insurance segments because the results of these businesses do not always correlate with the results of our global P&C operations.

Core operating income, net of tax, excludes from net income, the after-tax impact of adjusted net realized gains (losses), Chubb integration expenses, and the amortization of fair value adjustment of acquired invested assets and long-term debt related to the Chubb Corp acquisition. We believe this presentation enhances the understanding of our results of operations by highlighting the underlying profitability of our insurance business. We exclude adjusted net realized gains (losses) because the amount of these gains (losses) are heavily influenced by, and fluctuate in part according to the availability of market opportunities. We exclude the amortization of the fair value adjustments related to purchased invested assets and long-term debt and Chubb integration expenses due to the size and complexity of this acquisition. These integration expenses are distortive to our results and are not indicative of our underlying

profitability. We believe that excluding these integration expenses facilitates the comparison of our financial results to our historical operating results. References to core operating income measures mean net of tax, whether or not noted.

Core operating effective tax rate is income tax expense excluding tax expense (benefit) on adjusted net realized gains (losses), tax benefit on amortization of fair value of acquired invested assets and debt, and tax benefit on Chubb integration expenses, divided by income excluding adjusted net realized gains (losses) before tax, amortization of fair value of acquired invested assets and debt before tax, and Chubb integration expenses before tax. We believe the use of this measure is meaningful to show the tax on the underlying performance of our insurance business, by excluding the tax on adjusted net realized gains (losses), the tax on amortization of the fair value adjustments related to purchased invested assets and long-term debt and the tax on Chubb integration expenses. Refer to the definition of core operating income, net of tax above for more information on these adjustments.

Book value per common share, is shareholders' equity divided by the shares outstanding. Tangible book value per common share, is shareholders' equity less goodwill and other intangible assets, net of tax, divided by the shares outstanding. We believe that goodwill and other intangible assets are not indicative of our underlying insurance results or trends and make book value comparisons to less acquisitive peer companies less meaningful.

International life insurance net premiums written and deposits includes deposits collected on universal life and investment contracts (life deposits). Life deposits are not reflected as revenues in our consolidated statements of operations in accordance with GAAP. However, we include life deposits in presenting growth in our life insurance business because new life deposits are an important component of production and key to our efforts to grow our business.

Net premiums written adjusted primarily for additional reinsurance is net premiums written in the company's North America Personal P&C Insurance segment, adjusted to exclude the year-over-year net impact for the quarter and year to date of \$15 million and \$90 million, respectively, of additional reinsurance, reinstatement premiums, and accounting actions. In addition to excluding additional reinsurance and the accounting actions, we exclude the impact of Fireman's Fund non-renewal. We believe this measure is meaningful to evaluate trends in the underlying business on a comparable basis.



**Chubb Limited**  
**Non-GAAP Financial Measures—2**  
(in millions of U.S. dollars, except per share data and ratios)  
(Unaudited)

**Regulation G—Non-GAAP Financial Measures (continued)**

**Core operating effective tax rate**

The following table presents the reconciliation of effective tax rate to the Core operating effective tax rate:

	3Q-19	2Q-19	1Q-19	4Q-18	3Q-18	YTD 2019	YTD 2018	Full Year 2018
Tax expense, as reported	\$ 230	\$ 208	\$ 188	\$ 159	\$ 183	\$ 626	\$ 536	\$ 695
Less: tax benefit on amortization of fair value of acquired invested assets and debt	(8)	(6)	(8)	(8)	(12)	(22)	(32)	(40)
Less: tax benefit on Chubb integration expenses	—	(1)	(1)	(5)	(2)	(2)	(7)	(12)
Less: tax expense (benefit) on adjusted net realized gains (losses)	19	(1)	(5)	(20)	14	13	25	5
Tax expense, adjusted	\$ 219	\$ 216	\$ 202	\$ 192	\$ 183	\$ 637	\$ 550	\$ 742
Income before tax, as reported	\$1,321	\$1,358	\$1,228	\$ 514	\$1,414	\$3,907	\$4,143	\$ 4,657
Less: amortization of fair value of acquired invested assets and debt	(32)	(38)	(41)	(50)	(54)	(111)	(165)	(215)
Less: Chubb integration expenses	(2)	(4)	(3)	(20)	(16)	(9)	(39)	(59)
Less: adjusted realized gains (losses)	(141)	(230)	(96)	(682)	27	(467)	33	(649)
Less: realized gains (losses) related to unconsolidated entities	41	219	(4)	139	152	256	292	431
Core operating income before tax	\$1,455	\$1,411	\$1,372	\$1,127	\$1,305	\$4,238	\$4,022	\$ 5,149
Effective tax rate	17.4%	15.3%	15.3%	31.1%	12.9%	16.0%	12.9%	14.9%
Adjustment for tax impact of amortization of fair value of acquired invested assets and debt	0.2%	0.1%	0.1%	0.0%	0.4%	0.1%	0.2%	0.2%
Adjustment for tax impact of Chubb integration expenses	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
Adjustment for tax impact of adjusted net realized gains (losses)	-2.5%	-0.1%	-0.7%	-14.1%	0.8%	-1.1%	0.6%	-0.8%
Core operating effective tax rate	15.1%	15.3%	14.7%	17.1%	14.1%	15.0%	13.7%	14.4%

**Core operating income**

The following table presents the reconciliation of Net income to Core operating income:

	3Q-19	2Q-19	1Q-19	4Q-18	3Q-18	YTD 2019	YTD 2018	Full Year 2018
Net income, as reported	\$1,091	\$1,150	\$1,040	\$ 355	\$1,231	\$3,281	\$3,607	\$ 3,962
Amortization of fair value adjustment of acquired invested assets and long-term debt, pre-tax	(32)	(38)	(41)	(50)	(54)	(111)	(165)	(215)
Tax benefit on amortization adjustment	8	6	8	8	12	22	32	40
Chubb integration expenses, pre-tax	(2)	(4)	(3)	(20)	(16)	(9)	(39)	(59)
Tax benefit on Chubb integration expenses	—	1	1	5	2	2	7	12
Adjusted realized gains (losses), pre-tax	(141)	(230)	(96)	(682)	27	(467)	33	(649)
Net realized gains (losses) related to unconsolidated entities, pre-tax (1)	41	219	(4)	139	152	256	292	431
Tax (expense) benefit on adjusted net realized gains (losses)	(19)	1	5	20	(14)	(13)	(25)	(5)
Core operating income	\$1,236	\$1,195	\$1,170	\$ 935	\$1,122	\$3,601	\$3,472	\$ 4,407
Catastrophe losses—after-tax	\$ 191	\$ 221	\$ 201	\$ 506	\$ 372	\$ 613	\$ 848	\$ 1,354
Favorable prior period development (PPD)—after-tax	\$ (112)	\$ (152)	\$ (161)	\$ (202)	\$ (180)	\$ (425)	\$ (504)	\$ (706)
Core operating income per share	\$ 2.70	\$ 2.60	\$ 2.54	\$ 2.02	\$ 2.41	\$ 7.83	\$ 7.42	\$ 9.44
Impact of Cats on Core operating income per share—Unfavorable	\$ (0.41)	\$ (0.48)	\$ (0.43)	\$ (1.09)	\$ (0.80)	\$ (1.33)	\$ (1.81)	\$ (2.90)
Impact of PPD on Core operating income per share—Favorable	\$ 0.24	\$ 0.33	\$ 0.35	\$ 0.43	\$ 0.39	\$ 0.92	\$ 1.08	\$ 1.51
Impact of Cats and PPD on Core operating income per share— Unfavorable	\$ (0.17)	\$ (0.15)	\$ (0.08)	\$ (0.66)	\$ (0.41)	\$ (0.41)	\$ (0.73)	\$ (1.39)

- (1) Realized gains (losses) on partially-owned entities, which are investments where we hold more than an insignificant percentage of the investee's shares. The net income or loss is included in other income (expense).

**Chubb Limited**  
**Non-GAAP Financial Measures—3**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Regulation G—Non-GAAP Financial Measures (continued)**

**Core operating ROE**

Core operating return on equity (ROE) and Core operating return on tangible equity (ROTE) are annualized non-GAAP financial measures. The numerator includes core operating income, net of tax. The denominator includes the average shareholders' equity for the period adjusted to exclude unrealized gains (losses) on investments, net of tax. For the ROTE calculation, the denominator is also adjusted to exclude goodwill and other intangible assets, net of tax. These measures enhance the understanding of the return on shareholders' equity by highlighting the underlying profitability relative to shareholders' equity and tangible equity excluding the effect of unrealized gains and losses on our investments.

	3Q-19	3Q-18	YTD 2019	YTD 2018	Full Year 2018
Net income	\$ 1,091	\$ 1,231	\$ 3,281	\$ 3,607	\$ 3,962
Core operating income	\$ 1,236	\$ 1,122	\$ 3,601	\$ 3,472	\$ 4,407
Equity—beginning of period, as reported (1)	\$53,802	\$50,971	\$50,300	\$51,172	\$ 51,172
Less: unrealized gains (losses) on investments, net of deferred tax	2,033	(390)	(545)	1,033	1,154
Equity—beginning of period, as adjusted	\$51,769	\$51,361	\$50,845	\$50,139	\$ 50,018
Less: goodwill and other intangible assets, net of tax	\$20,170	\$20,380	\$20,054	\$20,621	\$ 20,621
Equity—beginning of period, as adjusted ex goodwill and other intangible assets	\$31,599	\$30,981	\$30,791	\$29,518	\$ 29,397
Equity—end of period, as reported	\$54,572	\$50,934	\$54,572	\$50,934	\$ 50,312
Less: unrealized gains (losses) on investments, net of deferred tax	2,613	(549)	2,613	(549)	(545)
Equity—end of period, as adjusted	\$51,959	\$51,483	\$51,959	\$51,483	\$ 50,857
Less: goodwill and other intangible assets, net of tax	20,010	20,121	20,010	20,121	20,054
Equity—end of period, as adjusted ex goodwill and other intangible assets	\$31,949	\$31,362	\$31,949	\$31,362	\$ 30,803
Weighted average equity, as reported	\$54,187	\$50,953	\$52,436	\$51,053	\$ 50,742
Weighted average equity, as adjusted	\$51,864	\$51,422	\$51,402	\$50,811	\$ 50,438
Weighted average equity, as adjusted ex goodwill and other intangible assets	\$31,774	\$31,172	\$31,370	\$30,440	\$ 30,100
ROE	8.1%	9.7%	8.3%	9.4%	7.8%
Core operating ROE	9.5%	8.7%	9.3%	9.1%	8.7%
Core operating ROTE	15.6%	14.4%	15.3%	15.2%	14.6%
Private equities mark-to-market realized gains (losses), after-tax (2)	\$ 32	\$ 151	\$ 227	\$ 293	\$ 382
Impact of Private equities mark-to-market if included in Core operating ROE—Favorable (2)	0.3 pt	1.2 pts	0.6 pt	0.8 pt	0.8 pt

(1) January 1, 2019 included a \$12 million after-tax reduction to beginning equity related to the adoption of new accounting guidance on premium amortization of purchased callable debt securities.

(2) We record the change in the fair value mark on our private equity funds as realized gains (losses) instead of investment income.

**Chubb Limited**  
**Non-GAAP Financial Measures—4**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Regulation G—Non-GAAP Financial Measures (continued)**

**P&C combined ratio**

The P&C combined ratio includes the impact of realized gains and losses on crop derivatives. These derivatives were purchased to provide economic benefit, in a manner similar to reinsurance protection, in the event that a significant decline in commodity pricing will impact underwriting results. We view gains and losses on these derivatives as part of the results of our underwriting operations.

The following tables present the calculation of combined ratio, as reported, for each segment to P&C combined ratio, adjusted for catastrophe losses (Cats) and prior period development (PPD).

Q3 2019		North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C
<b>Numerator</b>								
<b>Losses and loss expenses</b>								
		\$ 2,051	\$ 674	\$ 866	\$ 1,154	\$ 79	\$ 38	\$4,862
	Losses and loss expenses							
	Realized (gains) losses on crop derivatives	—	—	14	—	—	—	14
	Adjusted losses and loss expenses	A \$ 2,051	\$ 674	\$ 880	\$ 1,154	\$ 79	\$ 38	\$4,876
	Catastrophe losses	(88)	(83)	(3)	(35)	(25)	—	(234)
<b>PPD and related adjustments</b>								
	PPD, net of related adjustments—favorable (unfavorable)	109	62	(18)	25	25	(36)	167
	Net premiums earned adjustments on PPD—unfavorable (favorable)	39	—	—	—	1	—	40
	Expense adjustments—unfavorable (favorable)	3	—	—	—	(1)	—	2
	PPD reinstatement premiums—unfavorable (favorable)	(1)	(1)	—	1	—	—	(1)
	PPD—gross of related adjustments—favorable (unfavorable)	150	61	(18)	26	25	(36)	208
	<b>CAY loss and loss expense ex Cats</b>	B \$ 2,113	\$ 652	\$ 859	\$ 1,145	\$ 79	\$ 2	\$4,850
<b>Policy acquisition costs and administrative expenses</b>								
	Policy acquisition costs and administrative expenses	C \$ 715	\$ 312	\$ 60	\$ 887	\$ 51	\$ 74	\$2,099
	Expense adjustments—favorable (unfavorable)	(3)	—	—	—	1	—	(2)
	Policy acquisition costs and administrative expenses, adjusted	D \$ 712	\$ 312	\$ 60	\$ 887	\$ 52	\$ 74	\$2,097
<b>Denominator</b>								
	<b>Net premiums earned</b>	E \$ 3,185	\$ 1,187	\$ 941	\$ 2,256	\$ 160		\$7,729
	Reinstatement premiums (collected) expensed on catastrophe losses	—	—	—	—	(2)		(2)
	Net premiums earned adjustments on PPD—unfavorable (favorable)	39	—	—	—	1		40
	PPD reinstatement premiums—unfavorable (favorable)	(1)	(1)	—	1	—		(1)
	<b>Net premiums earned excluding adjustments</b>	F \$ 3,223	\$ 1,186	\$ 941	\$ 2,257	\$ 159		\$7,766
<b>P&amp;C combined ratio</b>								
	Loss and loss expense ratio	A/E 64.4%	56.9%	93.5%	51.1%	49.6%		63.1%
	Policy acquisition cost and administrative expense ratio	C/E 22.5%	26.2%	6.4%	39.4%	31.5%		27.1%
	P&C combined ratio	86.9%	83.1%	99.9%	90.5%	81.1%		90.2%
<b>CAY P&amp;C combined ratio ex Cats</b>								
	Loss and loss expense ratio, adjusted	B/F 65.5%	55.1%	91.3%	50.7%	49.9%		62.4%
	Policy acquisition cost and administrative expense ratio, adjusted	D/F 22.1%	26.2%	6.4%	39.3%	32.2%		27.1%
	CAY P&C combined ratio ex Cats	87.6%	81.3%	97.7%	90.0%	82.1%		89.5%
<b>Combined ratio</b>								
	Combined ratio							90.0%
	Add: impact of gains and losses on crop derivatives							0.2%
	P&C combined ratio							90.2%

Note: The ratios above are calculated using whole U.S. dollars. Accordingly, calculations using rounded amounts may differ. Letters A, B, C, D, E, and F

included in the table are references for calculating the ratios above.

Reconciliation Non-GAAP 4

**Chubb Limited**  
**Non-GAAP Financial Measures—5**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Regulation G—Non-GAAP Financial Measures (continued)**

**P&C combined ratio (continued)**

<b>YTD 2019</b>		North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C
<b>Numerator</b>								
<b>Losses and loss expenses</b>								
Losses and loss expenses		\$ 6,238	\$ 2,178	\$ 1,155	\$ 3,385	\$ 245	\$ 83	\$13,284
Realized (gains) losses on crop derivatives		—	—	8	—	—	—	8
Adjusted losses and loss expenses	<b>A</b>	<u>\$ 6,238</u>	<u>\$ 2,178</u>	<u>\$ 1,163</u>	<u>\$ 3,385</u>	<u>\$ 245</u>	<u>\$ 83</u>	<u>\$13,292</u>
Catastrophe losses		(319)	(329)	(7)	(69)	(35)	—	(759)
<b>PPD and related adjustments</b>								
PPD, net of related adjustments—favorable (unfavorable)		425	88	43	49	33	(79)	559
Net premiums earned adjustments on PPD—unfavorable (favorable)		38	—	32	—	1	—	71
Expense adjustments—unfavorable (favorable)		(3)	—	(3)	—	(1)	—	(7)
PPD reinstatement premiums—unfavorable (favorable)		(1)	(4)	—	1	—	—	(4)
PPD—gross of related adjustments—favorable (unfavorable)		459	84	72	50	33	(79)	619
<b>CAY loss and loss expense ex Cats</b>	<b>B</b>	<u>\$ 6,378</u>	<u>\$ 1,933</u>	<u>\$ 1,228</u>	<u>\$ 3,366</u>	<u>\$ 243</u>	<u>\$ 4</u>	<u>\$13,152</u>
<b>Policy acquisition costs and administrative expenses</b>								
Policy acquisition costs and administrative expenses	<b>C</b>	\$ 2,132	\$ 919	\$ 99	\$ 2,626	\$ 153	\$ 211	\$ 6,140
Expense adjustments—favorable (unfavorable)		3	—	3	—	1	—	7
Policy acquisition costs and administrative expenses, adjusted	<b>D</b>	<u>\$ 2,135</u>	<u>\$ 919</u>	<u>\$ 102</u>	<u>\$ 2,626</u>	<u>\$ 154</u>	<u>\$ 211</u>	<u>\$ 6,147</u>
<b>Denominator</b>								
<b>Net premiums earned</b>								
Reinstatement premiums (collected) expensed on catastrophe losses		—	—	—	—	(2)	—	(2)
Net premiums earned adjustments on PPD—unfavorable (favorable)		38	—	32	—	1	—	71
PPD reinstatement premiums—unfavorable (favorable)		(1)	(4)	—	1	—	—	(4)
<b>Net premiums earned excluding adjustments</b>	<b>F</b>	<u>\$ 9,697</u>	<u>\$ 3,505</u>	<u>\$ 1,406</u>	<u>\$ 6,596</u>	<u>\$ 486</u>	<u>\$ —</u>	<u>\$21,690</u>
<b>P&amp;C combined ratio</b>								
Loss and loss expense ratio	<b>A/E</b>	64.6%	62.1%	84.7%	51.3%	50.3%	—	61.5%
Policy acquisition cost and administrative expense ratio	<b>C/E</b>	22.0%	26.2%	7.2%	39.8%	31.4%	—	28.4%
<b>P&amp;C combined ratio</b>		<u>86.6%</u>	<u>88.3%</u>	<u>91.9%</u>	<u>91.1%</u>	<u>81.7%</u>	<u>—</u>	<u>89.9%</u>
<b>CAY P&amp;C combined ratio ex Cats</b>								
Loss and loss expense ratio, adjusted	<b>B/F</b>	65.8%	55.2%	87.4%	51.0%	50.0%	—	60.6%
Policy acquisition cost and administrative expense ratio, adjusted	<b>D/F</b>	22.0%	26.2%	7.2%	39.8%	31.7%	—	28.4%
<b>CAY P&amp;C combined ratio ex Cats</b>		<u>87.8%</u>	<u>81.4%</u>	<u>94.6%</u>	<u>90.8%</u>	<u>81.7%</u>	<u>—</u>	<u>89.0%</u>
<b>Combined ratio</b>								
Combined ratio								89.9%
Add: impact of gains and losses on crop derivatives								0.0%
<b>P&amp;C combined ratio</b>								<u>89.9%</u>

Note: The ratios above are calculated using whole U.S. dollars. Accordingly, calculations using rounded amounts may differ. Letters A, B, C, D, E, and F included in the table are references for calculating the ratios above.

**Chubb Limited**  
**Non-GAAP Financial Measures—6**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Regulation G—Non-GAAP Financial Measures (continued)**

**P&C combined ratio (continued)**

Q3 2018		North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C
<b>Numerator</b>								
<b>Losses and loss expenses</b>								
		\$ 1,881	\$ 860	\$ 719	\$ 1,114	\$ 86	\$ 13	\$4,673
		—	—	8	—	—	—	8
	A	<u>\$ 1,881</u>	<u>\$ 860</u>	<u>\$ 727</u>	<u>\$ 1,114</u>	<u>\$ 86</u>	<u>\$ 13</u>	<u>\$4,681</u>
		(196)	(136)	(8)	(80)	(34)	—	(454)
<b>PPD and related adjustments</b>								
		216	(58)	1	72	24	(12)	243
		40	—	—	—	4	—	44
		1	—	—	—	—	—	1
		1	1	—	2	—	—	4
		258	(57)	1	74	28	(12)	292
	B	<u>\$ 1,943</u>	<u>\$ 667</u>	<u>\$ 720</u>	<u>\$ 1,108</u>	<u>\$ 80</u>	<u>\$ 1</u>	<u>\$4,519</u>
<b>Policy acquisition costs and administrative expenses</b>								
	C	\$ 709	\$ 305	\$ 51	\$ 834	\$ 50	\$ 58	\$2,007
		(1)	—	—	—	—	—	(1)
	D	<u>\$ 708</u>	<u>\$ 305</u>	<u>\$ 51</u>	<u>\$ 834</u>	<u>\$ 50</u>	<u>\$ 58</u>	<u>\$2,006</u>
<b>Denominator</b>								
	E	\$ 3,019	\$ 1,167	\$ 857	\$ 2,157	\$ 157		\$7,357
		—	—	—	—	(4)		(4)
		40	—	—	—	4		44
		1	1	—	2	—		4
	F	<u>\$ 3,060</u>	<u>\$ 1,168</u>	<u>\$ 857</u>	<u>\$ 2,159</u>	<u>\$ 157</u>		<u>\$7,401</u>
<b>P&amp;C combined ratio</b>								
	A/E	62.3%	73.7%	84.9%	51.7%	55.0%		63.6%
	C/E	23.5%	26.1%	5.8%	38.6%	31.7%		27.3%
		85.8%	99.8%	90.7%	90.3%	86.7%		90.9%
<b>CAY P&amp;C combined ratio ex Cats</b>								
	B/F	63.5%	57.1%	84.1%	51.3%	51.2%		61.1%
	D/F	23.2%	26.1%	5.8%	38.7%	31.6%		27.1%
		86.7%	83.2%	89.9%	90.0%	82.8%		88.2%
<b>Combined ratio</b>								
								90.8%
								0.1%
								<u>90.9%</u>

Note: The ratios above are calculated using whole U.S. dollars. Accordingly, calculations using rounded amounts may differ. Letters A, B, C, D, E, and F included in the table are references for calculating the ratios above.

**Chubb Limited**  
**Non-GAAP Financial Measures—7**  
(in millions of U.S. dollars, except ratios)  
(Unaudited)

**Regulation G—Non-GAAP Financial Measures (continued)**

**P&C combined ratio (continued)**

<b>YTD 2018</b>		North America Commercial P&C Insurance	North America Personal P&C Insurance	North America Agricultural Insurance	Overseas General Insurance	Global Reinsurance	Corporate	Total P&C
<b>Numerator</b>								
<b>Losses and loss expenses</b>								
Losses and loss expenses		\$ 5,873	\$ 2,474	\$ 955	\$ 3,263	\$ 236	\$ 72	\$ 12,873
Realized (gains) losses on crop derivatives		—	—	(2)	—	—	—	(2)
Adjusted losses and loss expenses	<b>A</b>	<u>\$ 5,873</u>	<u>\$ 2,474</u>	<u>\$ 953</u>	<u>\$ 3,263</u>	<u>\$ 236</u>	<u>\$ 72</u>	<u>\$ 12,871</u>
Catastrophe losses		(347)	(521)	(11)	(121)	(45)	—	(1,045)
<b>PPD and related adjustments</b>								
PPD, net of related adjustments—favorable (unfavorable)		472	(59)	77	166	54	(67)	643
Net premiums earned adjustments on PPD—unfavorable (favorable)		29	—	40	—	7	—	76
Expense adjustments—unfavorable (favorable)		7	—	(4)	—	(1)	—	2
PPD reinstatement premiums—unfavorable (favorable)		5	1	—	2	—	—	8
PPD—gross of related adjustments—favorable (unfavorable)		513	(58)	113	168	60	(67)	729
<b>CAY loss and loss expense ex Cats</b>	<b>B</b>	<u>\$ 6,039</u>	<u>\$ 1,895</u>	<u>\$ 1,055</u>	<u>\$ 3,310</u>	<u>\$ 251</u>	<u>\$ 5</u>	<u>\$ 12,555</u>
<b>Policy acquisition costs and administrative expenses</b>								
Policy acquisition costs and administrative expenses	<b>C</b>	\$ 2,113	\$ 903	\$ 74	\$ 2,511	\$ 149	\$ 200	\$ 5,950
Expense adjustments—favorable (unfavorable)		(7)	—	4	—	1	—	(2)
Policy acquisition costs and administrative expenses, adjusted	<b>D</b>	<u>\$ 2,106</u>	<u>\$ 903</u>	<u>\$ 78</u>	<u>\$ 2,511</u>	<u>\$ 150</u>	<u>\$ 200</u>	<u>\$ 5,948</u>
<b>Denominator</b>								
<b>Net premiums earned</b>	<b>E</b>	\$ 9,325	\$ 3,463	\$ 1,251	\$ 6,425	\$ 492		\$ 20,956
Reinstatement premiums (collected) expensed on catastrophe losses		—	—	—	—	(4)		(4)
Net premiums earned adjustments on PPD—unfavorable (favorable)		29	—	40	—	7		76
PPD reinstatement premiums—unfavorable (favorable)		5	1	—	2	—		8
<b>Net premiums earned excluding adjustments</b>	<b>F</b>	<u>\$ 9,359</u>	<u>\$ 3,464</u>	<u>\$ 1,291</u>	<u>\$ 6,427</u>	<u>\$ 495</u>		<u>\$ 21,036</u>
<b>P&amp;C combined ratio</b>								
Loss and loss expense ratio	<b>A/E</b>	63.0%	71.5%	76.2%	50.8%	48.0%		61.4%
Policy acquisition cost and administrative expense ratio	<b>C/E</b>	22.6%	26.0%	5.9%	39.1%	30.3%		28.4%
P&C combined ratio		<u>85.6%</u>	<u>97.5%</u>	<u>82.1%</u>	<u>89.9%</u>	<u>78.3%</u>		<u>89.8%</u>
<b>CAY P&amp;C combined ratio ex Cats</b>								
Loss and loss expense ratio, adjusted	<b>B/F</b>	64.5%	54.7%	81.8%	51.5%	50.6%		59.7%
Policy acquisition cost and administrative expense ratio, adjusted	<b>D/F</b>	22.5%	26.1%	6.0%	39.1%	30.5%		28.3%
CAY P&C combined ratio ex Cats		<u>87.0%</u>	<u>80.8%</u>	<u>87.8%</u>	<u>90.6%</u>	<u>81.1%</u>		<u>88.0%</u>
<b>Combined ratio</b>								
Combined ratio								89.8%
Add: impact of gains and losses on crop derivatives								0.0%
P&C combined ratio								<u>89.8%</u>

Note: The ratios above are calculated using whole U.S. dollars. Accordingly, calculations using rounded amounts may differ. Letters A, B, C, D, E, and F included in the table are references for calculating the ratios above.

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**Chubb Limited**  
**Glossary**

**Chubb Limited Consolidated** comprises all segments including Corporate.

**P&C combined ratio:** The sum of the loss and loss expense ratio, acquisition cost ratio and the administrative expense ratio excluding the life business and including the realized gains and losses on the crop derivatives.

**Book value per common share:** Shareholders' equity divided by the shares outstanding.

**Tangible book value per common share:** Shareholders' equity less goodwill and other intangible assets, net of tax, divided by the shares outstanding.

**Average market yield of fixed maturities:** Weighted average yield to maturity of our fixed income portfolio based on the market prices of the holdings as of that date.

**Average yield on invested assets:** Adjusted net investment income divided by average cost of fixed maturities and other investments, and average market value of equity securities.

**Total capitalization:** The sum of the short-term debt, long-term debt, trust preferreds, and shareholders' equity.

**Chubb integration expenses:** Chubb integration expenses comprise legal and professional fees and all other costs directly related to the integration activities of the Chubb Corp acquisition. Chubb integration expenses are incurred by the overall company and are therefore included in Corporate. These costs are not related to the on-going business activities of the segments and are therefore excluded from our definition of segment income.

**Catastrophe losses (Cats):** We generally define catastrophe loss events consistent with the definition of the Property Claims Service (PCS) for events in the U.S. and Canada. PCS defines a catastrophe as an event that causes damage of \$25 million or more in insured property losses and affects a significant number of insureds. For events outside of the U.S. and Canada, we generally use a similar definition. Catastrophe loss events are events that occurred in the current calendar year only. Changes in catastrophe loss estimates in the current calendar year that relate to loss events that occurred in previous calendar years are considered prior period development.

**Prior period development (PPD)** arises from changes to loss estimates recognized in the current year that relate to loss events that occurred in previous calendar years and excludes the effect of losses from the development of earned premium from previous accident years.

**Reinstatement premiums** are additional premiums paid on certain reinsurance agreements in order to reinstate coverage that had been exhausted by loss occurrences. The reinstatement premium amount is typically a pro rata portion of the original ceded premium paid based on how much of the reinsurance limit had been exhausted.

**Net premiums earned adjustments** within prior period development are adjustments to the initial premium earned on retrospectively rated policies based on actual claim experience that develops after the policy period ends. The premium adjustments correlate to the prior period loss development on these same policies and are fully earned in the period the adjustments are recorded.

**Prior period expense adjustments** typically relate to either profit commission reserves or policyholder dividend reserves based on actual claim experience that develops after the policy period ends. The expense adjustments correlate to the prior period loss development on these same policies.

**NM:** Not meaningful.