# 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): January 30, 2017

#### REINSURANCE GROUP OF AMERICA, INCORPORATED

(Exact Name of Registrant as Specified in its Charter)

Missouri
(State or Other Jurisdiction of Incorporation)

1-11848
(Commission (IRS Employer Identification Number)

16600 Swingley Ridge Road, Chesterfield, Missouri 63017
(Address of Principal Executive Office)

Registrant's telephone number, including area code: (636) 736-7000

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))

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

On January 30, 2017, Reinsurance Group of America, Incorporated issued (1) a press release (the "Press Release") announcing its earnings for the three-month period ended December 31, 2016, and providing certain additional information, a copy of which is furnished with this report as Exhibit 99.1, and (2) a quarterly financial supplement (the "Quarterly Financial Supplement") for the quarter ended December 31, 2016, a copy of which is attached hereto as Exhibit 99.2. The Press Release also notes that a conference call will be held on January 31, 2017 to discuss the financial and operating results for the three-month period ended December 31, 2016. The information set forth in this Current Report on Form 8-K, including the Press Release and Quarterly Financial Supplement, is being furnished and shall not be deemed to be "filed", as described in Instruction B.2 of Form 8-K.

#### Item 9.01 Financial Statements and Exhibits

(d) Exhibits.

Exhibit No. Exhibit

99.1 Press Release of Reinsurance Group of America, Incorporated dated January 30, 2017

99.2 Quarterly Financial Supplement for the quarter ended December 31, 2016

#### **SIGNATURE**

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.

### REINSURANCE GROUP OF AMERICA, INCORPORATED

Date: January 30, 2017 By: /s/ Todd C. Larson

Todd C. Larson

Senior Executive Vice President and Chief

Financial Officer

#### **EXHIBIT INDEX**

Exhibit Number	Description
99.1	Press Release dated January 30, 2017
99.2	Quarterly Financial Supplement for the quarter ended December 31, 2016



#### **PRESS RELEASE**

#### REINSURANCE GROUP OF AMERICA REPORTS FOURTH-QUARTER RESULTS

- Earnings per diluted share: \$2.92 from net income, \$2.63 from operating income\*
- ROE 10 percent and Operating ROE\* 11 percent for the full year
- Reported net premiums increased 7 percent in the fourth quarter

ST. LOUIS, January 30, 2017 - Reinsurance Group of America, Incorporated (NYSE: RGA), a leading global provider of life reinsurance, reported fourth-quarter net income of \$190.1 million, or \$2.92 per diluted share, compared with \$163.1 million, or \$2.46 per diluted share, in the prior-year quarter. Operating income\* totaled \$171.3 million, or \$2.63 per diluted share, compared with \$188.0 million, or \$2.84 per diluted share, the year before. Net foreign currency fluctuations had an adverse effect of \$0.10 per diluted share on net income, and \$0.08 per diluted share on operating income.

	Quarter	ly R	esults	Year-to-Date Results			
(\$ in thousands, except per share data)	2016		2015	2016		2015	
Net premiums	\$ 2,493,163	\$	2,328,501	\$ 9,248,871	\$	8,570,741	
Net income	190,149		163,127	701,443		502,166	
Net income per diluted share	2.92		2.46	10.79		7.46	
Operating income*	171,259		187,950	632,598		567,084	
Operating income per diluted share*	2.63		2.84	9.73		8.43	
Book value per share	110.31		94.09				
Book value per share, excluding accumulated other							
comprehensive income (AOCI)*	92.59		83.23				
Total assets	53,097,879		50,383,152				

<sup>\*</sup> See 'Use of Non-GAAP Financial Measures' below

Full-year 2016 net income totaled \$701.4 million, or \$10.79 per diluted share, versus \$502.2 million, or \$7.46 per diluted share, in 2015. Operating income for the full year increased to \$632.6 million, or \$9.73 per diluted share, from \$567.1 million, or \$8.43 per diluted share, the year before. Net adverse foreign currency fluctuations reduced 2016 net income by \$0.29 per diluted share, and operating income by \$0.25 per diluted share. Net premiums increased 8 percent in 2016. Full-year premiums reflected net adverse foreign currency effects of approximately \$172.2 million.

For the fourth quarter, consolidated net premiums totaled \$2.5 billion, up 7 percent from last year's fourth quarter. Current-period premiums reflected net adverse foreign currency effects of approximately \$35.2 million. Excluding spread-based businesses and the value of associated derivatives, investment income rose 8 percent over year-ago levels, attributable to an increase in average invested assets of approximately 14 percent and strong variable investment income, offset in part by the impact of lower yield on new money and reinvested assets. The average investment yield, excluding spread businesses, was down 27 basis points to 4.69 percent from the fourth quarter of 2015, mainly attributable to a 2015 fourth-quarter

#### Add One

transaction with investment income retroactive to January 1. The average investment yield was 26 basis points higher than the third-quarter yield due to stronger variable investment income.

The effective tax rate was approximately 36 percent on both pre-tax GAAP income and operating income this quarter, above an expected range of 34 to 35 percent, due to a greater balance of income from jurisdictions with higher tax rates. For the full year, the effective tax rate on pre-tax GAAP income and operating income was approximately 33 percent.

Anna Manning, president and chief executive officer, commented, "This was another good quarter for RGA, and it closed out a very successful year. The fourth-quarter results continued a pattern of good overall momentum and favorable diversification of earnings by geography and product. Most key business segments posted good results, with a notably strong performance for the U.S. Traditional segment. EMEA, Asia Traditional and Canada also performed well, while Australia underperformed. Overall top-line premium growth was fairly strong again up 7 percent, or 9 percent in constant currencies, based primarily upon solid organic growth and modest contributions from in-force transactions.

"For the year, net income per share of \$10.79 and operating earnings per share of \$9.73 also reflected strong results across most key segments. Our overall strategy and global operating model continued to produce solid returns as we serve our clients with solutions spanning across geographies and product areas. We achieved these strong results despite ongoing macroeconomic headwinds including lower interest rates and weak foreign currencies. In 2016, our return on equity was 10 percent and operating return on equity was 11 percent. Importantly, RGA's balance sheet remains strong.

"We executed a number of in-force and other transactions during the year, but the size of the deals on average was smaller than in recent years. We ended the year with an excess capital position of \$1.1 billion and our board approved a new share repurchase authorization of \$400 million, replacing the previous authorization. We are well positioned to continue to pursue a balanced approach to capital management in terms of deployment into in-force and other attractive transactions, share repurchases and shareholder dividend increases. Book value per share at year-end 2016 was \$110.31 including AOCI, and \$92.59 excluding AOCI.

"Looking forward, we remain optimistic about our ability to serve clients, execute on our strategies and deliver attractive financial returns."

#### **SEGMENT RESULTS**

In the fourth quarter, RGA changed the name of its Non-Traditional segments to Financial Solutions. The name change better aligns our external reports with internally used terminology. This name change does not affect any previously reported results for the Financial Solutions segments.

#### U.S. and Latin America

#### **Traditional**

The U.S. and Latin America Traditional segment reported pre-tax net income of \$131.5 million, compared with \$79.5 million in the fourth quarter of 2015. Pre-tax operating income totaled \$129.3 million for the quarter, compared with \$79.0 million in last year's fourth quarter. Results for the current quarter benefited

#### Add Two

from higher variable investment income and modestly favorable claims results in the Individual Mortality business. Results in the year-ago quarter reflected poor experience in the Group business, and unfavorable claims in the Individual Mortality business. For the full year, pre-tax net income increased to \$371.1 million from \$235.8 million and pre-tax operating income increased to \$375.3 million versus \$233.5 million in 2015.

Traditional net premiums increased 4 percent from last year's fourth quarter to \$1,430.3 million and 9 percent to \$5,249.6 million for the full year.

#### Financial Solutions

The Asset-Intensive business reported pre-tax net income of \$72.3 million compared with \$30.9 million last year. Fourth-quarter pre-tax operating income totaled \$46.7 million compared with \$47.6 million last year. Both periods' operating income reflected favorable investment spreads. Full-year pre-tax net income totaled \$224.1 million versus \$152.9 million in 2015. Pre-tax operating income totaled \$205.0 million for the full year versus \$199.6 million in 2015, with both periods benefiting from favorable interest rate spreads.

The Financial Reinsurance business reported pre-tax net income and pre-tax operating income of \$14.4 million for the fourth quarter compared with \$15.9 million the year before, performing in line with expectations. For the year, pre-tax net income and pre-tax operating income rose to \$59.2 million from \$55.0 million in the prior year.

#### Canada

#### **Traditional**

The Canada Traditional segment reported pre-tax net income of \$37.0 million compared with \$44.6 million the year before. Pre-tax operating income totaled \$34.8 million compared with \$45.1 million in the fourth quarter of 2015. The year-ago quarter was driven by particularly favorable individual mortality claims experience, while the 2016 quarter reflected modestly favorable individual mortality claims. The effect of net foreign currency fluctuations was immaterial to pre-tax net income and pre-tax operating income in the quarter. For the full year, pre-tax net income increased to \$134.7 million from \$124.2 million in 2015. Pre-tax operating income for the year rose to \$125.6 million from \$123.8 million the year before. Foreign currency exchange rates adversely affected pre-tax net income by \$5.8 million and pre-tax operating income by \$6.2 million for the full year.

Reported net premiums increased 20 percent to \$241.9 million for the quarter, attributable to solid growth in individual mortality and a one-time amendment in 2016 on a creditor treaty. Net premiums for the full year increased to \$928.6 million compared with \$838.9 million in 2015. Net foreign currency fluctuations adversely affected net premiums by \$33.0 million for the full year.

#### Financial Solutions

The Canada Financial Solutions business segment, which consists of longevity and fee-based transactions, reported fourth-quarter pretax net income and pre-tax operating income of \$4.1 million compared with \$3.4 million a year ago, reflecting favorable longevity experience. The effect of net foreign currency

#### Add Three

fluctuations was immaterial to pre-tax net income and pre-tax operating income in the quarter. Pre-tax net income and pre-tax operating income totaled \$7.9 million for the full year compared with \$13.9 million in 2015, as 2015 experience was particularly good. For the full year, foreign currency exchange rates adversely affected pre-tax net income and pre-tax operating income by \$0.7 million.

#### **Europe, Middle East and Africa (EMEA)**

#### **Traditional**

The EMEA Traditional segment reported pre-tax net income and pre-tax operating income of \$15.8 million, up from \$12.9 million in last year's fourth quarter. Current-period results included higher premiums and a favorable adjustment associated with improved client reporting, somewhat offset by modestly unfavorable mortality and morbidity experience in the U.K. Last year's fourth quarter was generally in line with expectations. Net foreign currency fluctuations adversely affected pre-tax net income and pre-tax operating income by \$1.0 million. For the full year, pre-tax net income decreased to \$30.1 million from \$48.4 million in 2015, and pre-tax operating income decreased to \$30.1 million from \$48.1 million in the prior year. Full-year net foreign currency fluctuations adversely affected pre-tax net income and pre-tax operating income by \$1.0 million.

Reported net premiums increased to \$301.3 million from \$299.9 million in the prior-year period primarily due to the impact of new treaties. Foreign currency exchange rates adversely affected net premiums by \$37.4 million. For the full year, net premiums totaled \$1,140.1 million, with an adverse effect of \$113.1 million from foreign currency fluctuations.

#### Financial Solutions

The EMEA Financial Solutions business segment includes longevity, asset-intensive and fee-based transactions. Pre-tax net income totaled \$41.3 million compared with \$28.1 million in the year-ago period. Pre-tax operating income increased to \$36.7 million compared with \$18.8 million the year before. Current-period results reflected continued favorable experience in both the asset-intensive and

longevity businesses, along with the impact of new business. Net foreign currency fluctuations adversely affected pre-tax net income by \$9.3 million and pre-tax operating income by \$8.2 million. For the full year, pre-tax net income totaled \$138.0 million compared with \$108.4 million in 2015. Pre-tax operating income for the year was \$122.4 million, up from \$98.1 million the year before. Net foreign currency fluctuations adversely affected full-year pre-tax net income by \$19.4 million and pre-tax operating income by \$16.7 million.

#### **Asia Pacific**

#### **Traditional**

The Asia Pacific Traditional segment reported pre-tax net income of \$18.5 million, down from \$37.4 million in the prior-year period. Pre-tax operating income totaled \$18.5 million compared with a very strong \$35.7 million a year ago. Underwriting experience was favorable across Asia with particularly strong results in Hong Kong and Japan, but was offset by high claims on individual disability business in Australia. Net foreign currency fluctuations had a favorable effect of \$1.1 million on pre-tax net income and pre-tax operating income. For the full year, pre-tax net income and pre-tax operating income totaled

#### Add Four

\$113.9 million compared with \$105.7 million in 2015. The effect of net foreign currency fluctuations was immaterial to pre-tax net income and pre-tax operating income for the full year.

Reported net premiums rose to \$448.3 million from \$388.7 million in the prior-year period, reflecting solid growth in Asia. Foreign currency exchange rates had a favorable effect of \$12.6 million on net premiums. For the year, net premiums totaled \$1,681.5 million, up 8 percent over the prior year. Net foreign currency fluctuations had a favorable effect of \$3.3 million on net premiums for the full year.

#### Financial Solutions

The Asia Pacific Financial Solutions business segment includes asset-intensive and fee-based transactions. Pre-tax net losses totaled \$12.0 million compared with pre-tax net income of \$5.5 million last year. Pre-tax operating losses totaled \$6.1 million compared with a pre-tax operating income of \$5.4 million in the prior-year quarter. The losses in the current period are primarily due to unfavorable results on one treaty that continues to run off. The effect of net foreign currency fluctuations was immaterial to pre-tax net income and pre-tax operating income in the quarter. For the full year, pre-tax net income totaled \$4.1 million compared with \$19.6 million in 2015. Pre-tax operating losses were \$2.4 million for the year, down from pre-tax operating income of \$22.5 million a year ago. Foreign currency exchange rates had a favorable effect of \$1.5 million on pre-tax net income and \$0.8 million on pre-tax operating income for the full year.

#### Corporate and Other

The Corporate and Other segment's pre-tax net losses totaled \$27.4 million compared with a pre-tax net loss of \$51.5 million the year before. Pre-tax operating losses were \$26.3 million, versus the year-ago pre-tax loss of \$16.7 million. Current-period results reflected higher compensation, including annual incentive accrual adjustments. For the full year, pre-tax net losses totaled \$39.2 million compared with \$119.1 million in 2015. Pre-tax operating losses were \$88.4 million versus \$52.0 million in the prior year.

#### **Company Guidance**

On an annual basis, the Company provides financial guidance based upon the intermediate term rather than giving a range of annual earnings per share for an upcoming year. This better reflects the long-term nature of the business and the difficulty in predicting the timing of shorter-term or periodic events such as block transactions. The Company accepts risks over very long periods of time, up to 30 years or longer in some cases. While more predictable over longer-term horizons, RGA's business is subject to inherent short-term volatility, primarily due to mortality and morbidity experience.

Over the intermediate term, the Company continues to target growth in operating income per share in the 5 to 8 percent range, and operating return on equity of 10 to 12 percent. It is presumed that there are no significant changes in the investment environment from current levels, and the Company will deploy \$300 to \$400 million of excess capital, on average, annually. These guidance ranges are based upon "normalized" results. Both the operating EPS target range and the ROE ranges are unchanged from a year ago.

Todd C. Larson, chief financial officer, commented, "We believe that our EPS range is appropriate, and we expect the combination of organic growth, execution of block transactions and efficient capital

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management to allow us to reach our financial targets. We have faced significant macro headwinds in terms of weak foreign currencies and sustained low interest rates over the past several years, and we assume that there will be some level of ongoing headwinds for the foreseeable future. Nevertheless, we expect that we can overcome these challenges and achieve our goals."

#### **Stock Repurchase Authorization**

The board of directors authorized a share repurchase program for up to \$400 million of the company's outstanding common stock, replacing the previous share repurchase authorization. This new authorization is effective immediately and does not have an expiration date. Repurchases would be made in accordance with applicable securities laws and would be made through market transactions, block trades, privately negotiated transactions or other means, or a combination of these methods, with the timing and number of shares repurchased dependent on a variety of factors, including share price, corporate and regulatory requirements, and market and business conditions. Repurchases may be commenced or suspended from time to time without prior notice.

#### **Dividend Declaration**

The board of directors declared a regular quarterly dividend of \$0.41, payable March 2 to shareholders of record as of February 9.

#### **Earnings Conference Call**

A conference call to discuss fourth-quarter results will begin at 11 a.m. Eastern Time on Tuesday, January 31. Interested parties may access the call by dialing 877-879-6174 (domestic) or 719-325-4849 (international). The access code is 1763380. A live audio webcast of the conference call will be available

on the Company's Investor Relations website at <a href="www.rgare.com">www.rgare.com</a>. A replay of the conference call will be available at the same address for 90 days following the conference call. A telephonic replay also will be available through Wednesday, February 8 at 888-203-1112 (domestic) or 719-457-0820 (international), access code 1763380.

The Company has posted to its website a Quarterly Financial Supplement that includes financial information for all segments as well as information on its investment portfolio. Additionally, the Company posts periodic reports, press releases and other useful information on its Investor Relations website.

#### **Use of Non-GAAP Financial Measures**

RGA uses a non-GAAP financial measure called operating income as a basis for analyzing financial results. This measure also serves as a basis for establishing target levels and awards under RGA's management incentive programs. Management believes that operating income, on a pre-tax and after-tax basis, better measures the ongoing profitability and underlying trends of the Company's continuing operations, primarily because that measure excludes substantially all of the effect of net investment related gains and losses, as well as changes in the fair value of certain embedded derivatives and related deferred acquisition costs. These items can be volatile, primarily due to the credit market and interest rate environment, and are not necessarily indicative of the performance of the Company's underlying businesses. Additionally, operating income excludes any net gain or loss from discontinued operations,

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the cumulative effect of any accounting changes, and other items that management believes are not indicative of the Company's ongoing operations. The definition of operating income can vary by company and is not considered a substitute for GAAP net income.

Reconciliations to GAAP net income are provided in the following tables. Additional financial information can be found in the Quarterly Financial Supplement on RGA's Investor Relations website at <a href="https://www.rgare.com">www.rgare.com</a> in the "Earnings" section.

Book value per share excluding the impact of AOCI is a non-GAAP financial measure that management believes is important in evaluating the balance sheet in order to ignore the effects of unrealized amounts primarily associated with mark-to-market adjustments on investments and foreign currency translation.

Operating income per diluted share is a non-GAAP financial measure calculated as operating income divided by weighted average diluted shares outstanding. Operating return on equity is a non-GAAP financial measure calculated as operating income divided by average shareholders' equity excluding AOCI.

#### **About RGA**

Reinsurance Group of America, Incorporated is among the largest global providers of life reinsurance, with operations in Australia, Barbados, Bermuda, Brazil, Canada, China, France, Germany, Hong Kong, India, Ireland, Italy, Japan, Malaysia, Mexico, the Netherlands, New Zealand, Poland, Singapore, South Africa, South Korea, Spain, Taiwan, the United Arab Emirates, the United Kingdom and the United States. Worldwide, RGA has assumed approximately \$3.1 trillion of life reinsurance in force, and total assets of \$53.1 billion.

#### **Cautionary Note Regarding Forward-Looking Statements**

This release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including, among others, statements relating to projections of the earnings, revenues, income or loss, ratios, future financial performance and growth potential of Reinsurance Group of America, Incorporated and its subsidiaries (which we refer to in the previous paragraphs as "we," "us" or

"our"). The words "intend," "expect," "project," "estimate," "predict," "anticipate," "should," "believe," and other similar expressions also are intended to identify forward-looking statements. Forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified. Future events and actual results, performance and achievements could differ materially from those set forth in, contemplated by or underlying the forward-looking statements.

Numerous important factors could cause actual results and events to differ materially from those expressed or implied by forward-looking statements including, without limitation, (1) adverse capital and credit market conditions and their impact on the Company's liquidity, access to capital and cost

- of capital, (2) the impairment of other financial institutions and its effect on the Company's business,
- (3) requirements to post collateral or make payments due to declines in market value of assets subject to the Company's collateral arrangements, (4) the fact that the determination of allowances and impairments
- taken on the Company's investments is highly subjective, (5) adverse changes in mortality, morbidity, lapsation or claims experience, (6) changes in the Company's financial strength and credit ratings and the effect of such changes on the Company's future results of operations and financial condition, (7)

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inadequate risk analysis and underwriting, (8) general economic conditions or a prolonged economic downturn affecting the demand for insurance and reinsurance in the Company's current and planned markets, (9) the availability and cost of collateral necessary for regulatory reserves and capital, (10) market or economic conditions that adversely affect the value of the Company's investment securities or result in the impairment of all or a portion of the value of certain of the Company's investment securities, that in turn could affect regulatory capital, (11) market or economic conditions that adversely affect the Company's ability to make timely sales of investment securities, (12) risks inherent in the Company's risk management and investment strategy, including changes in investment portfolio yields due to interest rate or credit quality changes, (13) fluctuations in U.S. or foreign currency exchange rates, interest rates, or securities and real estate markets, (14) adverse litigation or arbitration results, (15) the adequacy of reserves, resources and accurate information relating to settlements, awards and terminated and discontinued lines of business, (16) the stability of and actions by governments and economies in the markets in which the Company operates, including ongoing uncertainties regarding the amount of United States sovereign debt and the credit ratings thereof, (17) competitive factors and competitors' responses to the Company's initiatives, (18) the success of the Company's clients, (19) successful execution of the Company's entry into new markets, (20) successful development and introduction of new products and distribution opportunities, (21) the Company's ability to successfully integrate acquired blocks of business and entities, (22) action by regulators who have authority over the Company's reinsurance operations in the jurisdictions in which it operates, (23) the Company's dependence on third parties, including those insurance companies and reinsurers to which the Company cedes some reinsurance, third-party investment managers and others, (24) the threat of natural disasters, catastrophes, terrorist attacks, epidemics or pandemics anywhere in the world where the Company or its clients do business, (25) interruption or failure of the Company's telecommunication, information technology or other operational systems, or the Company's failure to maintain adequate security to protect the confidentiality or privacy of personal or sensitive data stored on such systems, (26) changes in laws, regulations, and accounting standards applicable to the Company, its subsidiaries, or its business, (27) the effect of the Company's status as an insurance holding company and regulatory restrictions on its ability to pay principal of and interest on its debt obligations, and (28) other risks and uncertainties described in this document and in the Company's other filings with the Securities and Exchange Commission.

Forward-looking statements should be evaluated together with the many risks and uncertainties that affect our business, including those mentioned in this document and described in the periodic reports we file

with the Securities and Exchange Commission. These forward-looking statements speak only as of the date on which they are made. We do not undertake any obligations to update these forward-looking statements, even though our situation may change in the future. We qualify all of our forward-looking statements by these cautionary statements. For a discussion of the risks and uncertainties that could cause actual results to differ materially from those contained in the forward-looking statements, you are advised to see Item 1A - "Risk Factors" in the 2015 Annual Report, as updated by Part II, Item 1A - "Risk Factors" in the Company's Quarterly Report on Form 10-Q for the period ended June 30, 2016.

**Investor Contact** 

Jeff Hopson Senior Vice President - Investor Relations (636) 736-7000

- tables attached -

## REINSURANCE GROUP OF AMERICA, INCORPORATED AND SUBSIDIARIES Reconciliation of Consolidated Net Income to Operating Income (Dollars in thousands)

(Unaudited)	Three Months Ended December 31,				Twelve Months Ended December 31,			
		2016		2015		2016		2015
Net income	\$	190,149	\$	163,127	\$	701,443	\$	502,166
Reconciliation to operating income:								
Capital (gains) losses, derivatives and other, included in investment related (gains) losses, net		66,640		40,203		(21,322)		30,020
Capital (gains) losses on funds withheld, included in investment income, net of related expenses		(5,355)		161		(18,330)		(10,640)
Embedded derivatives:								
Included in investment related (gains) losses, net		(72,343)		(6,004)		(40,302)		85,789
Included in interest credited		(25,977)		(917)		(18,289)		(8,178)
DAC offset, net		17,957		(8,542)		30,787		(31,996)
Investment income on unit-linked variable annuities		(2,741)		_		(8,535)		_
Interest credited on unit-linked variable annuities		2,741		_		8,535		_
Non-investment derivatives		188		(78)		(1,389)		(77)
Operating income	\$	171,259	\$	187,950	\$	632,598	\$	567,084

### Reconciliation of Consolidated Income before Income Taxes to Pre-tax Operating Income (Dollars in thousands)

(Unaudited)	Three Months Ended December 31,				Twelve Months Ended December 31,			
		2016		2015		2016		2015
Income before income taxes	\$	295,543	\$	206,743	\$	1,043,946	\$	744,795
Reconciliation to pre-tax operating income:								
Capital (gains) losses, derivatives and other, included in investment related (gains) losses, net		103,944		64,034		(22,082)		49,586
Capital (gains) losses on funds withheld, included in investment income, net of related expenses		(8,238)		246		(28,200)		(16,370)
Embedded derivatives:								
Included in investment related (gains) losses, net		(111,297)		(9,236)		(62,003)		131,984
Included in interest credited		(39,964)		(1,412)		(28,137)		(12,582)
DAC offset, net		27,625		(13,142)		47,364		(49,225)
Investment income on unit-linked variable annuities		(4,217)		_		(13,131)		_
Interest credited on unit-linked variable annuities		4,217		_		13,131		_
Non-investment derivatives		289		(120)		(2,137)		(118)
Pre-tax operating income	\$	267,902	\$	247,113	\$	948,751	\$	848,070

### REINSURANCE GROUP OF AMERICA, INCORPORATED AND SUBSIDIARIES Reconciliation of Pre-tax Net Income to Pre-tax Operating Income (Dollars in thousands)

(Unaudited)	Three Months Ended December 31, 2016									
	Pre-ta	ax net income (loss)	Capital (gains) losses, derivatives and other, net		de	Change in value of embedded erivatives, net		Pre-tax operating income (loss)		
U.S. and Latin America:										
Traditional	\$	131,492	\$	(336)	\$	(1,811)	\$	129,345		
Financial Solutions:										
Asset Intensive		72,261		35,800 (1)		(61,363) (2)		46,698		
Financial Reinsurance		14,447				<u> </u>		14,447		
Total U.S. and Latin America		218,200		35,464		(63,174)		190,490		
Canada Traditional		37,026		(2,272)		_		34,754		
Canada Financial Solutions		4,065						4,065		
Total Canada		41,091		(2,272)		_		38,819		
EMEA Traditional		15,826		_		_		15,826		
EMEA Financial Solutions		41,328		(4,600)		<u> </u>		36,728		
Total EMEA		57,154		(4,600)		_		52,554		
Asia Pacific Traditional		18,464		_		_		18,464		
Asia Pacific Financial Solutions		(11,966)		5,846				(6,120)		
Total Asia Pacific		6,498		5,846				12,344		
Corporate and Other		(27,400)		1,095				(26,305)		
Consolidated	\$	295,543	\$	35,533	\$	(63,174)	\$	267,902		

- (1) Asset Intensive is net of \$(60,462) DAC offset.
- (2) Asset Intensive is net of \$88,087 DAC offset.

(Unaudited)			,	Three Months End	ded D	ecember 31, 2015										
	Pre-t	ax net income (loss)	Capital (gains) losses, derivatives and other, net		(gains) losses, derivatives		(gains) losses, derivatives		(gains) losses derivatives		(gains) losses, derivatives			Change in value of embedded derivatives, net		Pre-tax operating income (loss)
U.S. and Latin America:																
Traditional	\$	79,483	\$	203	9	(696)	\$	78,990								
Financial Solutions:																
Asset Intensive		30,874		124,163	(1)	(107,441) (2)		47,596								
Financial Reinsurance		15,936			_	<u> </u>		15,936								
Total U.S. and Latin America		126,293		124,366		(108,137)		142,522								
Canada Traditional		44,640		446		_		45,086								
Canada Financial Solutions		3,420						3,420								
Total Canada		48,060		446		_		48,506								
EMEA Traditional		12,859		_		_		12,859								
EMEA Financial Solutions		28,145		(9,366)		_		18,779								
Total EMEA		41,004		(9,366)	_	_		31,638								
Asia Pacific Traditional		37,415		(1,706)		_		35,709								
Asia Pacific Financial Solutions		5,467		(17)				5,450								
Total Asia Pacific		42,882		(1,723)				41,159								
Corporate and Other		(51,496)		34,784		_		(16,712)								
Consolidated	\$	206,743	\$	148,507	\$	(108,137)	\$	247,113								

- (1) Asset Intensive is net of \$84,347 DAC offset.
- (2) Asset Intensive is net of \$(97,489) DAC offset.

#### REINSURANCE GROUP OF AMERICA, INCORPORATED AND SUBSIDIARIES Reconciliation of Pre-tax Net Income to Pre-tax Operating Income (Dollars in thousands)

(Unaudited)	Twelve Months Ended December 31, 2016									
	Pre-1	tax net income (loss)	Capital (gains) losses, derivatives and other, net		ns) losses, value of rivatives embedde			Pre-tax operating income (loss)		
U.S. and Latin America:										
Traditional	\$	371,101	\$	(339)	\$	4,568	9	375,330		
Financial Solutions:										
Asset Intensive		224,142		(52,840) (1)		33,680	(2)	204,982		
Financial Reinsurance		59,238		<u> </u>				59,238		
Total U.S. and Latin America		654,481		(53,179)		38,248		639,550		
Canada Traditional		134,705		(9,056)		_		125,649		
Canada Financial Solutions		7,945						7,945		
Total Canada		142,650		(9,056)		_		133,594		
EMEA Traditional		30,059		(5)		_		30,054		
EMEA Financial Solutions		138,007		(15,595)				122,412		
Total EMEA		168,066		(15,600)		_		152,466		
Asia Pacific Traditional		113,928		(16)		_		113,912		
Asia Pacific Financial Solutions		4,063		(6,473)				(2,410)		
Total Asia Pacific		117,991		(6,489)		_		111,502		
Corporate and Other		(39,242)		(49,119)		_	_	(88,361)		
Consolidated	\$	1,043,946	\$	(133,443)	\$	38,248	9	948,751		

- Asset Intensive is net of \$(81,024) DAC offset.
   Asset Intensive is net of \$128,388 DAC offset.

(Unaudited)	Twelve Months Ended December 31, 2015									
	Capital (gains) losses, Pre-tax net income derivatives (loss) and other, net		Change in value of embedded derivatives, net				Pre-tax operating income (loss)			
U.S. and Latin America:										
Traditional	\$	235,771	\$	201	\$	(2,507)		\$	233,465	
Financial Solutions:										
Asset Intensive		152,946		(37,872) (1)		84,488	(2)		199,562	
Financial Reinsurance		55,017							55,017	
Total U.S. and Latin America		443,734		(37,671)		81,981		-	488,044	
Canada Traditional		124,175		(364)		_			123,811	
Canada Financial Solutions		13,902							13,902	
Total Canada		138,077		(364)		_			137,713	
EMEA Traditional		48,410		(338)		_			48,072	
EMEA Financial Solutions		108,445		(10,359)		<u> </u>			98,086	
Total EMEA		156,855		(10,697)		_			146,158	
Asia Pacific Traditional		105,654		_		_			105,654	
Asia Pacific Financial Solutions		19,619		2,899					22,518	
Total Asia Pacific		125,273		2,899					128,172	
Corporate and Other		(119,144)		67,127		_			(52,017)	
Consolidated	\$	744,795	\$	21,294	\$	81,981		\$	848,070	

- (1) Asset Intensive is net of \$(11,804) DAC offset.
- (2) Asset Intensive is net of \$(37,421) DAC offset.

## REINSURANCE GROUP OF AMERICA, INCORPORATED AND SUBSIDIARIES Per Share and Shares Data (In thousands, except per share data)

(Unaudited)		Three Mo Decer	nths E nber 3	Twelve Months Ended December 31,				
	<u> </u>	2016		2015	 2016		2015	
Earnings per share from net income:								
Basic earnings per share	\$	2.96	\$	2.49	\$ 10.91	\$	7.55	
Diluted earnings per share	\$	2.92	\$	2.46	\$ 10.79	\$	7.46	
Diluted earnings per share from operating income	\$	2.63	\$	2.84	\$ 9.73	\$	8.43	
Weighted average number of common and common equivalent shoutstanding	nares	65,124		66,247	64,989		67,292	
(Unaudited)					At I	Decem	ber 31,	
					2016		2015	
Treasury shares					14,83	35	13,933	
Common shares outstanding					64,30	)3	65,205	
Book value per share outstanding					\$ 110.3	31 5	94.09	
Book value per share outstanding, before impact of AOCI					\$ 92.5	59 9	83.23	

## REINSURANCE GROUP OF AMERICA, INCORPORATED AND SUBSIDIARIES Condensed Consolidated Statements of Income (Dollars in thousands)

(Unaudited)		Three Mor Decen	 	Twelve Months Ended December 31,			
		2016	2015	2016		2015	
Revenues:							
Net premiums	\$	2,493,163	\$ 2,328,501	\$ 9,248,871	\$	8,570,741	
Investment income, net of related expenses		497,227	467,468	1,911,886		1,734,495	
Investment related gains (losses), net:							
Other-than-temporary impairments on fixed maturity securities		(4,142)	(27,605)	(38,805)		(57,380)	
Other-than-temporary impairments on fixed maturity securities transferred to accumulated other comprehensive income		74	_	74		_	
Other investment related gains (losses), net		14,261	(17,204)	132,926		(107,370)	
Total investment related gains (losses), net		10,193	(44,809)	94,195		(164,750)	
Other revenue		68,715	77,431	266,559		277,692	
Total revenues		3,069,298	2,828,591	11,521,511		10,418,178	
Benefits and expenses:							
Claims and other policy benefits		2,116,045	2,015,929	7,993,375		7,489,382	
Interest credited		64,089	105,032	364,691		336,964	
Policy acquisition costs and other insurance expenses		370,134	300,329	1,310,540		1,127,486	
Other operating expenses		175,634	158,556	645,509		554,044	
Interest expense		41,422	35,820	137,623		142,863	
Collateral finance and securitization expense		6,431	6,182	25,827		22,644	
Total benefits and expenses		2,773,755	2,621,848	10,477,565		9,673,383	
Income before income taxes		295,543	206,743	1,043,946		744,795	
Provision for income taxes		105,394	43,616	342,503		242,629	
Net income	\$	190,149	\$ 163,127	\$ 701,443	\$	502,166	



### Reinsurance Group of America, Incorporated®

#### **Financial Supplement**

#### Fourth Quarter 2016

(Unaudited)

**World Headquarters** 

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#### **Current Ratings**

	Standard & Poor's	A.M. Best	Moody's
Parametel Change de De Cara	Standard & 1 001 3	A.M. Dest	Wibbuy 5
Financial Strength Ratings			
RGA Reinsurance Company	AA-	A+	A1
RGA Life Reinsurance Company of Canada	AA-	A+	NR
RGA International Reinsurance Company dac	AA-	NR	NR
RGA Global Reinsurance Company, Limited	AA-	NR	NR
RGA Reinsurance Company of Australia Limited	AA-	NR	NR
RGA Americas Reinsurance Company, Ltd.	AA-	A+	NR
RGA Atlantic Reinsurance Company Ltd.	NR	A+	NR
Senior Debt Ratings			
Reinsurance Group of America, Incorporated	A-	a-	Baa1

Our common stock is traded on the New York Stock Exchange under the symbol "RGA".

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#### Reinsurance Group of America, Incorporated Quarterly Financial Supplement Non-GAAP Disclosures

This Financial Supplement is for information purposes only and includes unaudited figures. This report should be read in conjunction with documents filed by Reinsurance Group of America, Incorporated ("RGA") with the SEC.

#### **Non-GAAP Disclosures**

RGA uses a non-GAAP financial measure called operating income as a basis for analyzing financial results. This measure also serves as a basis for establishing target levels and awards under RGA's management incentive programs. Management believes that operating income, on a pre-tax and after-tax basis, better measures the ongoing profitability and underlying trends of the Company's continuing operations, primarily because that measure excludes substantially all of the effect of net investment related gains and losses, as well as changes in the fair value of certain embedded derivatives and related deferred acquisition costs. These items can be volatile, primarily due to the credit market and interest rate environment and are not necessarily indicative of the performance of the Company's underlying businesses. Additionally, operating income excludes any net gain or loss from discontinued operations, the cumulative effect of any accounting changes, and other items that management believes are not indicative of the Company's ongoing operations. The definition of operating income can vary by company and is not considered a substitute for GAAP net income. A reconciliation of income before income taxes of the operating segments to operating income before income tax is presented in the appendix.

RGA evaluates its stockholders' equity position excluding the impact of accumulated other comprehensive income ("AOCI") since the net unrealized gains or losses included in AOCI primarily relate to changes in interest rates, credit spreads on its investment securities and foreign currency fluctuations that are not permanent and can fluctuate significantly from period to period.

RGA uses a non-GAAP financial measure called operating return on equity, which is calculated as operating income divided by average shareholders' equity excluding AOCI.

Additionally, RGA uses a non-GAAP financial measure called book value per share excluding the impact of AOCI that management believes is important in evaluating the balance sheet in order to ignore the effects of unrealized amounts primarily associated with mark-to-market adjustments on investments and foreign currency translation.



#### Reinsurance Group of America, Incorporated Financial Supplement 2016 Notes

#### Segment Name Change

In the fourth quarter of 2016, RGA changed the name of its Non-Traditional segments to Financial Solutions. The name change better aligns our external reports to internally used

terminology. This name change does not affect any previously or future reported results for the Financial Solutions segments.



#### Reinsurance Group of America, Incorporated Financial Supplement 2017 Guidance

On an annual basis, the Company provides financial guidance based upon the intermediate term rather than giving a range of annual earnings per share for an upcoming year. This better reflects the long-term nature of the business and the difficulty in predicting the timing of shorter-term or periodic events such as block transactions. The Company accepts risks over very long periods of time, up to 30 years or longer in some cases. While more predictable over longer-term horizons, RGA's business is subject to inherent short-term volatility, primarily due to mortality and morbidity experience.

Over the intermediate term, the Company continues to target growth in operating income per share in the 5 to 8 percent range, and operating return on equity of 10 to 12 percent. It is presumed that there are no significant changes in the investment environment from current levels, and the company will deploy \$300 million to \$400 million of excess capital, on average, annually. These guidance ranges are based upon "normalized" results. Both the operating EPS target range and the ROE ranges are unchanged from a year ago.



#### Reinsurance Group of America, Incorporated Financial Highlights Three Months Ended

		Financial Highlights Three Months Ended												Year	-to Date			
(USD thousands, except in force & per share data)		ec. 31, 016	Sept. 201			une 30, 2016	N	farch 31, 2016		Dec. 31, 2015	C	Current Qtr vs. PY Quarter		ec. 31, 2016		ec. 31, 2015	С	hange
Net premiums	\$ 2,4	93,163	\$ 2,251,	,758	\$ 2,	346,945	\$ 2	,157,005	\$ 2	2,328,501	\$	164,662	\$9,	248,871	\$8,5	570,741	\$6	78,130
Net income	15	90,149	198,	,719	:	236,103		76,472		163,127		27,022	•	701,443	4	502,166	19	99,277
Operating income	1	71,259	159,	,361		181,228		120,750		187,950		(16,691)		632,598	4	567,084	(	65,514
Return on equity - annualized		10.1%		10.2%		13.2%		4.8%		10.5%		(0.4)%						
Return on equity - trailing 12 months		9.9%		9.7%		8.4%		6.9%		7.6%		2.3 %						
Operating return on equity (ex AOCI):																		
Annualized		11.7%		11.2%		13.2%		8.9%		14.0%		(2.3)%						
Trailing 12 months		11.2%		11.8%		11.4%		10.6%		10.6%		0.6 %						
Total assets	\$53,0	97,879	\$54,832,	,498	\$53,	876,703	\$52	,186,624	\$50	0,383,152	\$2	,714,727						
Assumed Life Reinsurance In Force (in billions)																		
U.S. and Latin America Traditional	\$ 1	,609.3	\$ 1,60	03.8	\$	1,612.9	\$	1,609.3	\$	1,594.3	\$	15.0						
U.S. and Latin America Financial Solutions		2.1		2.1		2.1		2.1		2.1		_						
Canada Traditional		355.7	3:	58.7		361.8		349.0		333.0		22.7						
Europe, Middle East and Africa																		
Traditional Asia Pacific		603.0	6	12.8		608.3		624.2		602.7		0.3						
Traditional Asia Pacific		492.2	50	05.1		504.8		483.5		462.7		29.5						
Financial Solutions		0.2		0.3		0.4		0.3		0.3		(0.1)						
Total Assumed Life Reinsurance In Force	\$ 3	,062.5	\$ 3,0	82.8	\$	3,090.3	\$	3,068.4	\$	2,995.1	\$	67.4						
Assumed New Business Production (in billions)																		
U.S. and Latin America Traditional	\$	33.4	\$	19.7	\$	32.0	\$	41.3	\$	142.1	(1) \$	(108.7)	\$	126.4	\$	203.9	\$	(77.5)
Canada Traditional		9.1		9.4		8.2		8.2		8.7		0.4		34.9		38.6		(3.7)
Europe, Middle East and Africa Traditional		44.3	1	31.7		49.1		44.7		66.0	(1)	(21.7)		169.8		171.6		(1.8)
Asia Pacific Traditional		21.6		20.5		18.0		13.6		12.1		9.5		73.7		76.9		(3.2)
Total Assumed New Business Production	\$	108.4	\$	81.3	\$	107.3	\$	107.8	\$	228.9	\$	(120.5)	\$	404.8	\$	491.0	\$	(86.2)
Per Share and Shares Data																		
Basic earnings per share																		
Net income	\$	2.96	\$ :	3.10	\$	3.68	\$	1.18	\$	2.49	\$	0.47	\$	10.91	\$	7.55	\$	3.36
Operating income	\$	2.67	\$ 2	2.48	\$	2.83	\$	1.87	\$	2.87	\$	(0.20)	\$	9.84	\$	8.52	\$	1.32
Diluted earnings per share																		
Net income	\$	2.92	\$	3.07	\$	3.64	\$	1.17	\$	2.46	\$	0.46	\$	10.79	\$	7.46	\$	3.33
Operating income	\$	2.63	\$ 2	2.46	\$	2.80	\$	1.85	\$	2.84	\$	(0.21)	\$	9.73	\$	8.43	\$	1.30
Wgt. average common shares outstanding																		
Basic		64,251	64,	,146		64,126		64,568		65,535		(1,284)		64,274		66,553		(2,279)

Diluted	65,124	64,815	64,796	65,217	66,247	(1,123)	64,989	67,292	(2,303)
Common shares issued	79,138	79,138	79,138	79,138	79,138	_	79,138	79,138	_
Treasury shares	14,835	14,932	15,068	15,073	13,933	902	14,835	13,933	902
Common shares outstanding	64,303	64,206	64,070	64,065	65,205	(902)	64,303	65,205	(902)
Book value per share	\$ 110.31	\$ 124.50	\$ 118.32	\$ 104.88	\$ 94.09				
Per share effect of AOCI	\$ 17.72	\$ 34.46	\$ 30.99	\$ 20.77	\$ 10.86				
Book value per share, excluding AOCI	\$ 92.59	\$ 90.04	\$ 87.33	\$ 84.11	\$ 83.23				
Shareholder dividends paid	\$ - ,	\$ 26,288.3	\$ 23,727.2	\$ 24,018.6	\$ 24,269.1	\$ 2,068.2	\$100,371.4	\$ 93,380.5	\$ 6,990.9

 $<sup>(1) \</sup> Includes \ the \ effect \ of \ significant \ in \ force \ transactions.$ 

RGA Quarterly Financial Supplement

### Reinsurance Group of America, Incorporated Consolidated GAAP Income Statements (including Operating Income Reconciliations)

	onsonuateu (		ree Months En		perating inco	Current Qtr	tuons)	Year-to Date	
(USD thousands)	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	vs. PY	Dec. 31,	Dec. 31,	
Revenues:	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Net premiums	\$2,493,163	\$2,251,758	\$2,346,945	\$2,157,005	\$2,328,501	\$ 164,662	\$9,248,871	\$8,570,741	\$ 678,130
Investment income, net of related expenses	497,227	489,727	507,666	417,266	467,468	29,759	1,911,886	1,734,495	177,391
Investment related gains (losses), net									
OTTI on fixed maturity securities	(4,142)	_	(846)	(33,817)	(27,605)	23,463	(38,805)	(57,380)	18,575
OTTI on fixed maturity securities transferred to AOCI	74	_	_	_	_	74	74	_	74
Other investment related gains (losses), net	14,261	86,624	119,110	(87,069)	(17,204)	31,465	132,926	(107,370)	240,296
Total investment related gains (losses), net	10,193	86,624	118,264	(120,886)	(44,809)	55,002	94,195	(164,750)	258,945
Other revenue	68,715	72,468	66,193	59,183	77,431	(8,716)	266,559	277,692	(11,133)
Total revenues	3,069,298	2,900,577	3,039,068	2,512,568	2,828,591	240,707	11,521,511	10,418,178	1,103,333
Benefits and expenses:									
Claims and other policy benefits	2,116,045	1,993,064	1,997,502	1,886,764	2,015,929	100,116	7,993,375	7,489,382	503,993
Interest credited	64,089	116,848	95,849	87,905	105,032	(40,943)	364,691	336,964	27,727
Policy acquisition costs and other insurance expenses	370,134	300,962	405,681	233,763	300,329	69,805	1,310,540	1,127,486	183,054
Other operating expenses	175,634	152,556	159,895	157,424	158,556	17,078	645,509	554,044	91,465
Interest expense	41,422	43,063	20,331	32,807	35,820	5,602	137,623	142,863	(5,240)
Collateral finance and securitization expense	6,431	6,484	6,587	6,325	6,182	249	25,827	22,644	3,183
Total benefits and expenses	2,773,755	2,612,977	2,685,845	2,404,988	2,621,848	151,907	10,477,565	9,673,383	804,182
Income before income taxes	295,543	287,600	353,223	107,580	206,743	88,800	1,043,946	744,795	299,151
Income tax expense	105,394	88,881	117,120	31,108	43,616	61,778	342,503	242,629	99,874
Net income	\$ 190,149	\$ 198,719	\$ 236,103	\$ 76,472	\$ 163,127	\$ 27,022	\$ 701,443	\$ 502,166	\$ 199,277
Pre-tax Operating Income Reconciliation:									
Income before income taxes	\$ 295,543	\$ 287,600	\$ 353,223	\$ 107,580	\$ 206,743	\$ 88,800	\$1,043,946	\$ 744,795	\$ 299,151
Investment and derivative losses (gains)—									
non-operating (1)	103,944	(26,958)	(67,100)	(31,968)	64,034	39,910	(22,082)	49,586	(71,668)
Change in value of modified coinsurance and									
funds withheld embedded derivatives (1)	(20,374)	(49,078)	(76,966)	92,249	27,201	(47,575)	(54,169)	98,793	(152,962)
GMXB embedded derivatives (1)	(90,923)	(7,988)	28,137	62,940	(36,437)	(54,486)	(7,834)	33,191	(41,025)
Funds withheld losses (gains)—investment income	(8,238)	(3,322)	(11,657)	(4,983)	246	(8,484)	(28,200)	(16,370)	(11,830)
EIA embedded derivatives —interest credited	(39,964)	42	(17,364)	29,149	(1,412)	(38,552)	(28,137)	(12,582)	(15,555)
DAC offset, net	27,625	31,876	64,841	(76,978)	(13,142)	40,767	47,364	(49,225)	96,589
Investment income on unit- linked variable annuities	(4,217)	(5,540)	(2,966)	(408)	_	(4,217)	(13,131)	_	(13,131)
Interest credited on unit- linked variable annuities	4,217	5,540	2,966	408	_	4,217	13,131	_	13,131
Non-investment derivatives	289	(1,705)	110	(831)	(120)	409	(2,137)	(118)	(2,019)
Operating Income Before Income									
Taxes	\$ 267,902	\$ 230,467	\$ 273,224	\$ 177,158	\$ 247,113	\$ 20,789	\$ 948,751	\$ 848,070	\$ 100,681
After-tax Operating Income Reconciliation:									
Net Income	\$ 190,149	\$ 198,719	\$ 236,103	\$ 76,472	\$ 163,127	\$ 27,022	\$ 701,443	\$ 502,166	\$ 199,277
Investment & derivative losses (gains)—									

non-operating (1)	66,640	(19,745)	(46,490)	(21,727)	40,203	26,437	(21,322)	30,020	(51,342)
Change in value of modified coinsurance and									
funds withheld embedded derivatives (1)	(13,243)	(31,901)	(50,028)	59,962	17,680	(30,923)	(35,210)	64,215	(99,425)
GMXB embedded derivatives (1)	(59,100)	(5,192)	18,289	40,911	(23,684)	(35,416)	(5,092)	21,574	(26,666)
Funds withheld losses (gains)—investment income	(5,355)	(2,159)	(7,577)	(3,239)	161	(5,516)	(18,330)	(10,640)	(7,690)
EIA embedded derivatives —interest credited	(25,977)	28	(11,287)	18,947	(917)	(25,060)	(18,289)	(8,178)	(10,111)
DAC offset, net	17,957	20,719	42,147	(50,036)	(8,542)	26,499	30,787	(31,996)	62,783
Investment income on unit- linked variable annuities	(2,741)	(3,601)	(1,928)	(265)	_	(2,741)	(8,535)	_	(8,535)
Interest credited on unit- linked variable annuities	2,741	3,601	1,928	265	_	2,741	8,535	_	8,535
Non-investment derivatives	188	(1,108)	71	(540)	(78)	266	(1,389)	(77)	(1,312)
Operating Income	\$ 171,259	\$ 159,361	\$ 181,228	\$ 120,750	\$ 187,950	\$ (16,691)	\$ 632,598	\$ 567,084	\$ 65,514
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<sup>(1)</sup> Included in "Investment related gains (losses), net" on Consolidated GAAP Income Statement.

#### Reinsurance Group of America, Incorporated Consolidated Operating Income Statements (USD thousands, except per share data)

							Year-to-Date		
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Current Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:									
Net premiums	\$2,493,163	\$2,251,758	\$2,346,945	\$2,157,005	\$2,328,501	\$ 164,662	\$9,248,871	\$8,570,741	\$ 678,130
Investment income, net of related expenses	484,772	480,865	493,043	411,875	467,714	17,058	1,870,555	1,718,125	152,430
Investment related gains (losses), net	2,840	2,600	2,335	2,335	9,989	(7,149)	10,110	16,820	(6,710)
Other revenue	69,004	70,763	66,303	58,352	77,311	(8,307)	264,422	277,574	(13,152)
Total revenues	3,049,779	2,805,986	2,908,626	2,629,567	2,883,515	166,264	11,393,958	10,583,260	810,698
Benefits and expenses:									
Claims and other policy benefits	2,116,045	1,993,064	1,997,502	1,886,764	2,015,929	100,116	7,993,375	7,489,382	503,993
Interest credited	99,836	111,266	110,247	58,348	106,444	(6,608)	379,697	349,546	30,151
Policy acquisition costs and other insurance expenses	342,509	269,086	340,840	310,741	313,471	29,038	1,263,176	1,176,711	86,465
Other operating expenses	175,634	152,556	159,895	157,424	158,556	17,078	645,509	554,044	91,465
Interest expense	41,422	43,063	20,331	32,807	35,820	5,602	137,623	142,863	(5,240)
Collateral finance and securitization expense	6,431	6,484	6,587	6,325	6,182	249	25,827	22,644	3,183
Total benefits and expenses	2,781,877	2,575,519	2,635,402	2,452,409	2,636,402	145,475	10,445,207	9,735,190	710,017
Operating income before income taxes	267,902	230,467	273,224	177,158	247,113	20,789	948,751	848,070	100,681
Operating income tax expense	96,643	71,106	91,996	56,408	59,163	37,480	316,153	280,986	35,167
Operating income	\$ 171,259	\$ 159,361	\$ 181,228	\$ 120,750	\$ 187,950	\$ (16,691)	\$ 632,598	\$ 567,084	\$ 65,514
Wgt. average common shares outstanding (diluted)	65,124	64,815	64,796	65,217	66,247	(1,123)	64,989	67,292	(2,303)
Diluted earnings per share— operating income	\$ 2.63	\$ 2.46	\$ 2.80	\$ 1.85	\$ 2.84	\$ (0.21)	\$ 9.73	\$ 8.43	\$ 1.30
Foreign currency effect (1):									
Net premiums	\$ (35,247)	\$ (21,049)	\$ (A5 665)	\$ (70,207)	\$ (107.075)	\$ 72,728	\$ (172.169)	¢ (472.520)	\$ 201 271
Operating income before income	\$ (33,247)	\$ (21,049)	\$ (45,665)	\$ (70,207)	\$ (107,975)	\$ 12,128	\$ (172,168)	\$ (473,539)	\$ 301,371
taxes	\$ (7,911)	\$ (3,236)	\$ (4,247)	\$ (9,762)	\$ (18,672)	\$ 10,761	\$ (25,156)	\$ (55,164)	\$ 30,008

<sup>(1)</sup> Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Consolidated Balance Sheets

(USD thousands)

	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,
	2016	2016	2016	2016	2015
Assets					
Fixed maturity securities, available-for-sale	\$32,093,625	\$33,536,419	\$33,160,976	\$31,148,714	\$29,642,905
Mortgage loans on real estate	3,775,522	3,607,700	3,377,039	3,292,496	3,129,951
Policy loans	1,427,602	1,414,963	1,445,410	1,451,857	1,468,796
Funds withheld at interest	5,875,919	5,922,656	5,899,289	5,797,183	5,880,203
Short-term investments	76,710	126,702	195,979	431,535	558,284
Other invested assets	1,591,940	1,777,065	1,682,143	1,368,544	1,298,120
Total investments	44,841,318	46,385,505	45,760,836	43,490,329	41,978,259
Cash and cash equivalents	1,200,718	1,379,693	1,034,329	1,502,082	1,525,275
Accrued investment income	347,173	391,837	368,926	364,432	339,452
Premiums receivable and other reinsurance balances	1,930,755	1,834,362	1,917,844	1,886,293	1,797,504
Reinsurance ceded receivables	683,972	694,906	681,425	688,491	637,859
Deferred policy acquisition costs	3,338,605	3,406,093	3,401,935	3,490,509	3,392,437
Other assets	755,338	740,102	711,408	764,488	712,366
Total assets	\$53,097,879	\$54,832,498	\$53,876,703	\$52,186,624	\$50,383,152
Liabilities and Stockholders' Equity					
Future policy benefits	\$19,581,573	\$19,634,157	\$19,605,021	\$19,811,921	\$19,612,251
Interest-sensitive contract liabilities	14,029,354	14,217,831	14,024,012	14,087,081	13,663,873
Other policy claims and benefits	4,263,026	4,304,491	4,305,219	4,384,072	4,094,640
Other reinsurance balances	388,989	353,426	344,527	397,375	296,899
Deferred income taxes	2,770,640	3,071,995	2,901,264	2,483,584	2,218,328
Other liabilities	1,041,880	1,321,017	1,157,252	1,106,531	1,165,071
Long-term debt (1)	3,088,635	3,088,710	3,088,280	2,297,709	2,297,548
Collateral finance and securitization notes	840,700	847,389	870,482	899,482	899,161
Total liabilities	46,004,797	46,839,016	46,296,057	45,467,755	44,247,771
Stockholders' Equity:					
Common stock, at par value	791	791	791	791	791
Additional paid-in-capital	1,848,611	1,842,390	1,834,995	1,827,646	
Retained earnings	5,199,130				1,816,142 4,620,303
Treasury stock		5,039,470	4,870,711	4,668,588	
Accumulated other comprehensive income (AOCI):	(1,094,779)	(1,101,495)	(1,111,225)	(1,108,539)	(1,010,139)
	(170 541)	(121 700)	(02.476)	(102 410)	(101.151)
Accumulated currency translation adjustment, net of income taxes	(172,541)	(121,709)	(93,476)	(103,418)	(181,151)
Unrealized appreciation of securities, net of income taxes	1,355,033	2,381,473	2,126,815	1,482,922	935,697
Pension and postretirement benefits, net of income taxes	(43,163)	(47,438)	(47,965)	(49,121)	(46,262)
Total Stockholders' equity	7,093,082	7,993,482	7,580,646	6,718,869	6,135,381
Total liabilities and stockholders' equity	\$53,097,879	\$54,832,498	\$53,876,703	\$52,186,624	\$50,383,152
Total stockholders' equity, excluding AOCI	\$ 5,953,753	\$ 5,781,156	\$ 5,595,272	\$ 5,388,486	\$ 5,427,097
* **	,,	, , 0	, ,	, ,	, , ,

<sup>(1)</sup> The balance of long-term debt at December 31, 2016 includes current maturities of \$299,945, which were previously included in short-term debt. The comparable prior periods have been revised to conform to the December 2016 presentation.

#### Reinsurance Group of America, Incorporated U.S. and Latin America Traditional GAAP Income Statements

(USD thousands)

	Three Months Ended									C	urrent			Ye	ar-to-Date		
	Dec. 31	,	Sept. 30,	Ju	ine 30,	N	farch 31,		Dec. 31,	Qtr	vs. PY		Dec. 31,	Ι	Dec. 31,		
	2016		2016		2016	_	2016		2015	Q	uarter		2016		2015		Change
Revenues:																	
Net premiums	\$1,430,29	1	\$1,277,491	\$1,3	307,395	\$1	,234,394	\$1	,370,745	\$ 5	9,546	\$5	,249,571	\$4,	806,706	\$ 44	12,865
Investment income, net of related expenses	184,674	4	167,898	1	82,238		165,023		176,174	;	8,500		699,833		636,779	(	63,054
Investment related gains (losses), net	2,147	7	(3,394)		(882)		(2,100)		493		1,654		(4,229)		2,306		(6,535)
Other revenue	8,119	)	2,922		5,252		3,500		7,438		681		19,793		19,235		558
Total revenues	1,625,231	1	1,444,917	1,4	194,003	1	,400,817	1	,554,850	7	0,381	5	,964,968	5,	465,026	49	99,942
Benefits and expenses: Claims and other policy																	
benefits	1,232,207		1,131,507		49,665	1	,119,442	1	,235,926	(:	3,719)	4	,632,821	4,	366,696	26	66,125
Interest credited	22,156	5	20,628		20,845		21,400		21,682		474		85,029		77,500		7,529
Policy acquisition costs and other insurance expenses  Other operating expenses	205,358		184,766 30,935		82,285 29,778		177,078 31,799		187,277 30,482		8,081 3,536		749,487 126,530		673,331 111,728		76,156 14,802
Total benefits and	34,010		30,733		27,776	_	31,777	_	30,402		3,330		120,330		111,720	_	14,002
expenses	1,493,739	)	1,367,836	1,3	382,573	1	,349,719	1	,475,367	13	8,372	5	,593,867	5,	229,255	36	64,612
Income before income taxes	\$ 131,492	2	\$ 77,081	\$ 1	11,430	\$	51,098	\$	79,483	\$ 52	2,009	\$	371,101	\$	235,771	\$ 13	35,330
T 1																	
Loss and expense ratios:  Claims and other policy benefits	86.2	2%	88.6%		87.9%		90.7%		90.2%		(4.0)%		88.3%		90.8%		(2.5)%
Policy acquisition costs and other insurance expenses	14.4	4%	14.5%		13.9%		14.3%		13.7%		0.7 %		14.3%		14.0%		0.3 %
Other operating expenses	2.4	1%	2.4%		2.3%		2.6%		2.2%		0.2 %		2.4%		2.3%		0.1 %
Foreign currency effect on (1):																	
Net premiums	\$ (1,372	2)	\$ (1,135)	\$	(2,243)	\$	(867)	\$	(1,419)	\$	47	\$	(5,617)	\$	(4,625)	\$	(992)
Income before income taxes	\$ 159	)	\$ (41)	\$	(189)	\$	(21)	\$	54	\$	105	\$	(92)	\$	(379)	\$	287

 $See \ appendix \ for \ reconciliation \ of \ GAAP \ income \ before \ income \ taxes.$ 

(1) Compared to comparable prior year period.

## Reinsurance Group of America, Incorporated U.S. and Latin America Traditional Operating Income Statements

(USD thousands)

		Three Months Ended										Current	ı		Υe	ear-to-Date		
	Dec.	31,	Se	ept. 30,	J	une 30,	N	March 31,	]	Dec. 31,	Q	tr vs. PY	1	Dec. 31,	]	Dec. 31,		
	20	16		2016		2016		2016		2015	(	Quarter		2016		2015	(	Change
Revenues:																		
Net premiums	\$1,430	,291	\$1,2	277,491	\$1,	307,395	\$1	1,234,394	\$1	,370,745	\$ 3	59,546	\$5	5,249,571	\$4	,806,706	\$ 44	12,865
Investment income, net of related expenses	184	,674	1	67,898		182,238		165,023		176,174		8,500		699,833		636,779	(	63,054
Other revenue	8,	,119		2,922		5,252		3,500		7,438		681		19,793		19,235		558
Total revenues	1,623	,084	1,4	148,311	1,	494,885	]	1,402,917	1	,554,357	- (	68,727	5	,969,197	5	,462,720	5(	06,477
Benefits and expenses:																		
Claims and other policy benefits	1,232	,207	1,1	31,507	1,	149,665	1	1,119,442	1	,235,926		(3,719)	4	,632,821	4	,366,696	26	66,125
Interest credited	22	,156		20,628		20,845		21,400		21,682		474		85,029		77,500		7,529
Policy acquisition costs and other insurance expenses	205,	,358	1	84,766		182,285		177,078		187,277		18,081		749,487		673,331	7	76,156
Other operating expenses	34	,018		30,935		29,778		31,799		30,482		3,536		126,530		111,728	]	14,802
Total benefits and expenses	1,493	,739	1,3	867,836	1,	382,573	1	1,349,719	1	,475,367		18,372	5	5,593,867	5	,229,255	36	54,612
Operating income before income taxes	\$ 129	,345	\$	80,475	\$	112,312	\$	53,198	\$	78,990	\$ 3	50,355	\$	375,330	\$	233,465	\$ 14	41,865
Loss and expense ratios:																		
Claims and other policy benefits	:	86.2%		88.6%		87.9%		90.7%		90.2%		(4.0)%		88.3%		90.8%		(2.5)%
Policy acquisition costs and other insurance expenses		14.4%		14.5%		13.9%		14.3%		13.7%		0.7 %		14.3%		14.0%		0.3 %
Other operating expenses		2.4%		2.4%		2.3%		2.6%		2.2%		0.2 %		2.4%		2.3%		0.1 %
Foreign currency effect on (1):																		
Net premiums	\$ (1,	,372)	\$	(1,135)	\$	(2,243)	\$	(867)	\$	(1,419)	\$	47	\$	(5,617)	\$	(4,625)	\$	(992)
Income before income taxes	\$	159	\$	(41)	\$	(189)	\$	(21)	\$	54	\$	105	\$	(92)	\$	(379)	\$	287

See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

(1) Compared to comparable prior year period.



#### Reinsurance Group of America, Incorporated U.S. and Latin America Financial Solutions - Asset Intensive GAAP Income Statements

(USD thousands)

		Th	ree Months En	ded		Current		Year-to-Date	•
	Dec. 31, 2016	Sept. 30, 2016	June 30, 2016	March 31, 2016	Dec. 31, 2015	Qtr vs. PY Quarter	Dec. 31, 2016	Dec. 31, 2015	Change
Revenues:								,	
Net premiums	\$ 7,099	\$ 5,369	\$ 5,662	\$ 6,219	\$ 6,018	\$ 1,081	\$ 24,349	\$ 22,177	\$ 2,172
Investment income, net of related expenses	161,395	167,683	177,681	117,215	153,445	7,950	623,974	560,701	63,273
Investment related gains (losses), net	5,708	59,661	76,830	(128,551)	(31,218)	36,926	13,648	(118,482)	132,130
Other revenue	22,808	23,417	24,555	22,834	23,238	(430)	93,614	105,389	(11,775)
Total revenues	197,010	256,130	284,728	17,717	151,483	45,527	755,585	569,785	185,800
Benefits and expenses:									
Claims and other policy benefits	23,593	18,927	19,507	19,833	22,605	988	81,860	66,146	15,714
Interest credited	33,511	86,742	68,436	62,558	71,756	(38,245)	251,247	244,318	6,929
Policy acquisition costs and other insurance expenses	60,306	56,497	97,078	(39,656)	19,957	40,349	174,225	85,760	88,465
Other operating expenses	7,339	5,232	5,728	5,812	6,291	1,048	24,111	20,615	3,496
Total benefits and expenses	124,749	167,398	190,749	48,547	120,609	4,140	531,443	416,839	114,604
Income (loss) before income taxes	\$ 72,261	\$ 88,732	\$ 93,979	\$ (30,830)	\$ 30,874	\$ 41,387	\$ 224,142	\$ 152,946	\$ 71,196

See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.



#### Reinsurance Group of America, Incorporated U.S. and Latin America Financial Solutions - Asset Intensive Operating Income Statements

(USD thousands)

		Th	ree Months Er	nded		Current Qtr		Year-to-Date	<u> </u>
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:					,				<u> </u>
Net premiums	\$ 7,099	\$ 5,369	\$ 5,662	\$ 6,219	\$ 6,018	\$ 1,081	\$ 24,349	\$ 22,177	\$ 2,172
Investment income, net of related expenses	153,879	165,388	167,377	112,591	153,504	375	599,235	550,642	48,593
Investment related gains (losses), net	_	(1)	1	_	(1)	1	_	_	_
Other revenue	22,808	23,417	24,555	22,834	23,238	(430)	93,614	105,389	(11,775)
Total revenues	183,786	194,173	197,595	141,644	182,759	1,027	717,198	678,208	38,990
Benefits and expenses:									
Claims and other policy benefits	23,593	18,927	19,507	19,833	22,605	988	81,860	66,146	15,714
Interest credited	73,475	86,700	85,800	33,409	73,168	307	279,384	256,900	22,484
Policy acquisition costs and other insurance expenses	32,681	24,621	32,237	37,322	33,099	(418)	126,861	134,985	(8,124)
Other operating expenses	7,339	5,232	5,728	5,812	6,291	1,048	24,111	20,615	3,496
Total benefits and expenses	137,088	135,480	143,272	96,376	135,163	1,925	512,216	478,646	33,570
Operating income before income taxes	\$ 46,698	\$ 58,693	\$ 54,323	\$ 45,268	\$ 47,596	\$ (898)	\$ 204,982	\$ 199,562	\$ 5,420

 $See \ appendix \ for \ reconciliation \ of \ GAAP \ income \ before \ income \ taxes.$ 



# Reinsurance Group of America, Incorporated U.S. and Latin America Financial Solutions - Asset Intensive (Continued) (USD millions)

	Three Months Ended									
	Ι	Dec. 31, 2016	S	ept. 30, 2016	J	June 30, 2016	M	arch 31, 2016		Dec. 31, 2015
Annuity account values:										
Fixed annuities (deferred)	\$	5,091	\$	5,130	\$	5,189	\$	5,210	\$	4,843
Net interest spread (fixed annuities)		2.4%		2.6%		2.5%		2.1%		2.7%
Equity-indexed annuities	\$	4,291	\$	4,374	\$	4,402	\$	4,448	\$	4,509
Variable annuities account values										
No riders	\$	731	\$	739	\$	732	\$	753	\$	782
GMDB only		58		58		58		60		62
GMIB only		5		5		5		5		5
GMAB only		28		29		29		31		33
GMWB only		1,334		1,370		1,367		1,386		1,425
GMDB / WB		335		342		341		349		359
Other		19		20		20		21		22
Total variable annuities account values	\$	2,510	\$	2,563	\$	2,552	\$	2,605	\$	2,688
Fair value of liabilities associated with living benefit riders	\$	185	\$	276	\$	284	\$	255	\$	192
Interest-sensitive contract liabilities associated with:										
Guaranteed investment contracts	\$	554	\$	456	\$	354	\$	368	\$	322
Bank-owned life insurance (BOLI)	\$	571	\$	568	\$	565	\$	562	\$	559
Other asset-intensive business	\$	65	\$	65	\$	66	\$	66	\$	66
Future policy benefits associated with:										
Payout annuities	\$	1,964	\$	1,974	\$	1,978	\$	1,949	\$	1,960

RGA Quarterly Financial Supplement

### Reinsurance Group of America, Incorporated U.S. and Latin America Financial Solutions - Financial Reinsurance GAAP Income Statements

(USD thousands)

		Thre	ee Months Er	nded		Current		Year-to-Da	te
Revenues:	Dec. 31, 2016	Sept. 30, 2016	June 30, 2016	March 31, 2016	Dec. 31, 2015	Qtr vs. PY Quarter	Dec. 31, 2016	Dec. 31, 2015	Change
Investment income, net of related expenses	\$ 1,092	\$ 1,038	\$ 2,386	\$ 2,607	\$ 1,702	\$ (610)	\$ 7,123	\$ 5,479	\$ 1,644
Other revenue	22,227	18,967	17,963	18,581	19,133	3,094	77,738	68,601	9,137
Total revenues	23,319	20,005	20,349	21,188	20,835	2,484	84,861	74,080	10,781
Benefits and expenses:									
Policy acquisition costs and other insurance expenses	5,505	3,492	3,085	2,568	2,720	2,785	14,650	10,193	4,457
Other operating expenses	3,367	2,531	2,389	2,686	2,179	1,188	10,973	8,870	2,103
Total benefits and expenses	8,872	6,023	5,474	5,254	4,899	3,973	25,623	19,063	6,560
Income before income taxes	\$ 14,447	\$ 13,982	\$ 14,875	\$15,934	\$15,936	\$ (1,489)	\$59,238	\$55,017	\$ 4,221

See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

### Reinsurance Group of America, Incorporated U.S. and Latin America Financial Solutions - Financial Reinsurance Operating Income Statements (USD thousands)

	Three Months Ended					Current Qtr	Year-to-Date		
	Dec. 31, 2016	Sept. 30, 2016	June 30, 2016	March 31, 2016	Dec. 31, 2015	vs. PY Quarter	Dec. 31, 2016	Dec. 31, 2015	Change
Revenues:				'					
Investment income, net of related expenses	\$ 1,092	\$ 1,038	\$ 2,386	\$ 2,607	\$ 1,702	\$ (610)	\$ 7,123	\$ 5,479	\$ 1,644
Other revenue	22,227	18,967	17,963	18,581	19,133	3,094	77,738	68,601	9,137
Total revenues	23,319	20,005	20,349	21,188	20,835	2,484	84,861	74,080	10,781
Benefits and expenses:									
Policy acquisition costs and other insurance expenses	5,505	3,492	3,085	2,568	2,720	2,785	14,650	10,193	4,457
Other operating expenses	3,367	2,531	2,389	2,686	2,179	1,188	10,973	8,870	2,103
Total benefits and expenses	8,872	6,023	5,474	5,254	4,899	3,973	25,623	19,063	6,560
Operating income before income taxes	\$ 14,447	\$ 13,982	\$ 14,875	\$15,934	\$15,936	\$ (1,489)	\$59,238	\$55,017	\$ 4,221

 $See \ appendix \ for \ reconciliation \ of \ GAAP \ income \ before \ income \ taxes.$ 



#### Reinsurance Group of America, Incorporated Canada Traditional GAAP Income Statements

(USD thousands)

	Three Months Ended				Current	Year-to-Date			
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:							-		
Net premiums	\$241,918	\$231,154	\$240,107	\$215,463	\$201,384	\$40,534	\$ 928,642	\$ 838,894	\$89,748
Investment income, net of related expenses	44,806	45,239	46,859	42,023	42,938	1,868	178,927	182,621	(3,694)
Investment related gains (losses), net	2,771	3,832	2,285	1,640	1,027	1,744	10,528	(1,503)	12,031
Other revenue	638	734	(339)	(1,126)	1,131	(493)	(93)	3,000	(3,093)
Total revenues	290,133	280,959	288,912	258,000	246,480	43,653	1,118,004	1,023,012	94,992
Benefits and expenses:									
Claims and other policy benefits	182,912	175,618	176,478	172,401	148,543	34,369	707,409	670,459	36,950
Interest credited	2	8	7	2	4	(2)	19	18	1
Policy acquisition costs and other insurance expenses	60,074	61,019	60,021	57,138	43,226	16,848	238,252	192,729	45,523
Other operating expenses	10,119	10,039	9,097	8,364	10,067	52	37,619	35,631	1,988
Total benefits and expenses	253,107	246,684	245,603	237,905	201,840	51,267	983,299	898,837	84,462
Income before income taxes	\$ 37,026	\$ 34,275	\$ 43,309	\$ 20,095	\$ 44,640	\$ (7,614)	\$ 134,705	\$ 124,175	\$10,530
Loss and expense ratios:									
Loss ratios (creditor business)	22.5%	27.0%	32.2%	25.8%	28.2%	(5.7)%	26.9%	31.1%	(4.2)%
Loss ratios (excluding creditor business)	92.2%	93.1%	87.4%	98.5%	82.5%	9.7 %	92.6%	91.7%	0.9 %
Claims and other policy benefits / (net premiums + investment income)	63.8%	63.5%	61.5%	67.0%	60.8%	3.0 %	63.9%	65.6%	(1.7)%
Policy acquisition costs and other insurance expenses (creditor business)	67.5%	65.7%	64.3%	66.9%	66.2%	1.3 %	66.1%	63.7%	2.4 %
Policy acquisition costs and other insurance expenses (excluding creditor business)	11.5%	12.6%	11.8%	12.7%	12.9%	(1.4)%	12.2%	13.2%	(1.0)%
Other operating expenses	4.2%	4.3%	3.8%	3.9%	5.0%	(0.8)%	4.1%	4.0%	0.1 %
Foreign currency effect on (1):									
Net premiums	\$ (108)	\$ 724	\$(11,615)	\$ (22,010)	\$ (35,018)	\$34,910	\$ (33,009)	\$(130,360)	\$97,351
Income before income taxes	\$ (483)	\$ 104	\$ (2,247)	\$ (3,129)	\$ (7,658)	\$ 7,175	\$ (5,755)	\$ (20,338)	\$14,583
Creditor reinsurance net premiums	\$ 57,471	\$ 59,983	\$ 60,275	\$ 54,854	\$ 32,484	\$24,987	\$ 232,583	\$ 162,629	\$69,954

#### See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

 $Note: The \ loss \ ratios \ on \ creditor \ reinsurance \ business \ are \ normally \ lower \ than \ traditional \ reinsurance, \ while \ allowances \ are \ normally \ higher \ as \ a \ percentage \ of \ premiums.$ 

<sup>(1)</sup> Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Canada Traditional Operating Income Statements

(USD thousands)

		Th	ree Months Er	nded		Current		Year-to-Date	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:									
Net premiums	\$241,918	\$231,154	\$240,107	\$215,463	\$201,384	\$ 40,534	\$ 928,642	\$ 838,894	\$89,748
Investment income, net of related expenses	44,084	44,212	45,506	41,664	43,125	959	175,466	176,310	(844)
Investment related gains, net	1,221	1,208	1,236	1,268	1,286	(65)	4,933	4,444	489
Other revenue	638	734	(339)	(1,126)	1,131	(493)	(93)	3,000	(3,093)
Total revenues	287,861	277,308	286,510	257,269	246,926	40,935	1,108,948	1,022,648	86,300
Benefits and expenses:									
Claims and other policy benefits	182,912	175,618	176,478	172,401	148,543	34,369	707,409	670,459	36,950
Interest credited	2	8	7	2	4	(2)	19	18	1
Policy acquisition costs and other insurance expenses	60,074	61,019	60,021	57,138	43,226	16,848	238,252	192,729	45,523
Other operating expenses	10,119	10,039	9,097	8,364	10,067	52	37,619	35,631	1,988
Total benefits and expenses	253,107	246,684	245,603	237,905	201,840	51,267	983,299	898,837	84,462
Operating income before income taxes	\$ 34,754	\$ 30,624	\$ 40,907	\$ 19,364	\$ 45,086	\$(10,332)	\$ 125,649	\$ 123,811	\$ 1,838
Loss and expense ratios:									
Loss ratios (creditor business)	22.5%	27.0%	32.2%	25.8%	28.2%	(5.7)%	26.9%	31.1%	(4.2)%
Loss ratios (excluding creditor business)	92.2%	93.1%	87.4%	98.5%	82.5%	9.7 %	92.6%	91.7%	0.9 %
Claims and other policy benefits / (net premiums + investment income)	64.0%	63.8%	61.8%	67.0%	60.8%	3.2 %	64.1%	66.0%	(1.9)%
Policy acquisition costs and other insurance expenses (creditor business)	67.5%	65.7%	64.3%	66.9%	66.2%	1.3 %	66.1%	63.7%	2.4 %
Policy acquisition costs and other insurance expenses (excluding creditor business)	11.5%	12.6%	11.8%	12.7%	12.9%	(1.4)%	12.2%	13.2%	(1.0)%
Other operating expenses	4.2%	4.3%	3.8%	3.9%	5.0%	(0.8)%	4.1%	4.2%	(0.1)%
Foreign currency effect on (1):									
Net premiums	\$ (108)	\$ 724	\$(11,615)	\$ (22,010)	\$ (35,018)	\$ 34,910	\$ (33,009)	\$(130,360)	\$97,351
Operating income before income taxes	\$ (505)	\$ 104	\$ (2,130)	\$ (3,701)	\$ (7,795)	\$ 7,290	\$ (6,232)	\$ (20,651)	\$14,419
Creditor reinsurance net premiums	\$ 57,471	\$ 59,983	\$ 60,275	\$ 54,854	\$ 32,484	\$ 24,987	\$ 232,583	\$ 162,629	\$69,954

#### See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

Note: The loss ratios on creditor reinsurance business are normally lower than traditional reinsurance, while allowances are normally higher as a percentage of premiums.

(1) Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Canada Financial Solutions (1) GAAP Income Statements

(USD thousands)

					,	(CDD mot	ounc	10)										
				Th	ree N	Months En	ded				(	Current			Ye	ar-to-Date	;	
	D	ec. 31,	S	ept. 30,	J	une 30,	M	arch 31,	Ι	Dec. 31,	Qt	r vs. PY	]	Dec. 31,	Ι	Dec. 31,		
		2016		2016		2016		2016		2015	(	Quarter		2016		2015	(	Change
Revenues:																		
Net premiums	\$	9,612	\$	9,946	\$	10,192	\$	8,951	\$	9,002	\$	610	\$	38,701	\$	37,969	\$	732
Investment income, net of related expenses		1,043		1,037		228		384		328		715		2,692		1,436		1,256
Other revenue		1,386		1,376		1,434		1,349		1,332		54		5,545		5,629		(84)
Total revenues		12,041		12,359		11,854		10,684		10,662		1,379		46,938		45,034		1,904
Benefits and expenses:																		
Claims and other policy benefits		7,270		10,567		8,834		9,604		6,708		562		36,275		29,251		7,024
Policy acquisition costs and other insurance expenses		229		285		513		204		145		84		1,231		552		679
Other operating expenses		477		347		379		284		389		88		1,487		1,329		158
Total benefits and expenses		7,976		11,199		9,726		10,092		7,242		734		38,993		31,132		7,861
Income before income taxes	\$	4,065	\$	1,160	\$	2,128	\$	592	\$	3,420	\$	645	\$	7,945	\$	13,902	\$	(5,957)
												_						
Foreign currency effect on (2):																		
Net premiums	\$	(3)	\$	33	\$	(491)	\$	(915)	\$	(1,570)	\$	1,567	\$	(1,376)	\$	(5,978)	\$	4,602
Income before income taxes	\$	13	\$	(9)	\$	(106)	\$	(575)	\$	(623)	\$	636	\$	(677)	\$	(1,930)	\$	1,253

<sup>(1)</sup> Canada Financial Solutions operations includes longevity and financial reinsurance transactions.

<sup>(2)</sup> Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Canada Financial Solutions (1) Operating Income Statements

(USD thousands)

			,	CDD mot	as carre	13)									
		Th	ree N	Months En	ded				(	Current		Yea	r-to-Date	,	
	ec. 31, 2016	ept. 30, 2016	J	une 30, 2016		arch 31, 2016	Γ	Dec. 31, 2015	~	r vs. PY Quarter	ec. 31, 2016		ec. 31, 2015	(	Change
Revenues:										_					
Net premiums	\$ 9,612	\$ 9,946	\$	10,192	\$	8,951	\$	9,002	\$	610	\$ 38,701	\$ .	37,969	\$	732
Investment income, net of related expenses	1,043	1,037		228		384		328		715	2,692		1,436		1,256
Other revenue	1,386	1,376		1,434		1,349		1,332		54	5,545		5,629		(84)
Total revenues	 12,041	12,359		11,854		10,684		10,662		1,379	46,938	-	45,034		1,904
Benefits and expenses:															
Claims and other policy benefits	7,270	10,567		8,834		9,604		6,708		562	36,275	2	29,251		7,024
Policy acquisition costs and other insurance expenses	229	285		513		204		145		84	1,231		552		679
Other operating expenses	477	347		379		284		389		88	1,487		1,329		158
Total benefits and expenses	 7,976	11,199		9,726		10,092		7,242		734	38,993	-	31,132		7,861
Operating income before income taxes	\$ 4,065	\$ 1,160	\$	2,128	\$	592	\$	3,420	\$	645	\$ 7,945	\$	13,902	\$	(5,957)
Foreign currency effect on (2):															
Net premiums	\$ (3)	\$ 33	\$	(491)	\$	(915)	\$	(1,570)	\$	1,567	\$ (1,376)	\$	(5,978)	\$	4,602
Operating income before income taxes	\$ 13	\$ (9)	\$	(106)	\$	(575)	\$	(623)	\$	636	\$ (677)	\$	(1,930)	\$	1,253

See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.



<sup>(1)</sup> Canada Financial Solutions operations includes longevity and financial reinsurance transactions.

<sup>(2)</sup> Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Europe, Middle East and Africa Traditional GAAP Income Statements

(USD thousands)

		Th	ree Months En	ded		Current		Year-to-Date	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:							-		
Net premiums	\$ 301,252	\$ 275,514	\$ 286,861	\$ 276,435	\$ 299,938	\$ 1,314	\$1,140,062	\$1,121,540	\$ 18,522
Investment income, net of related expenses	11,745	13,067	13,321	12,168	14,123	(2,378)	50,301	51,370	(1,069)
Investment related gains (losses), net	_	_	_	5	7,527	(7,527)	5	8,397	(8,392)
Other revenue	1,806	489	1,460	1,026	5,380	(3,574)	4,781	9,435	(4,654)
Total revenues	314,803	289,070	301,642	289,634	326,968	(12,165)	1,195,149	1,190,742	4,407
Benefits and expenses:									
Claims and other policy benefits	253,663	241,763	252,336	251,243	260,874	(7,211)	999,005	969,596	29,409
Interest credited	_	_	_	_	8,126	(8,126)	_	9,629	(9,629)
Policy acquisition costs and other insurance expenses	17,383	14,133	17,550	14,782	19,171	(1,788)	63,848	63,042	806
Other operating expenses	27,931	24,659	24,922	24,725	25,938	1,993	102,237	100,065	2,172
Total benefits and expenses	298,977	280,555	294,808	290,750	314,109	(15,132)	1,165,090	1,142,332	22,758
Income (loss) before income taxes	\$ 15,826	\$ 8,515	\$ 6,834	\$ (1,116)	\$ 12,859	\$ 2,967	\$ 30,059	\$ 48,410	\$ (18,351)
Loss and expense ratios:									
Claims and other policy benefits	84.2%	87.7%	88.0%	90.9%	87.0%	(2.8)%	87.6%	86.5%	1.1%
Policy acquisition costs and other insurance expenses	5.8%	5.1%	6.1%	5.3%	6.4%	(0.6)%	5.6%	5.6%	%
Other operating expenses	9.3%	9.0%	8.7%	8.9%	8.6%	0.7 %	9.0%	8.9%	0.1%
Foreign currency effect on (1):									
Net premiums	\$ (37,351)	\$ (32,564)	\$ (20,223)	\$ (23,009)	\$ (24,499)	\$ (12,852)	\$ (113,147)	\$ (119,234)	\$ 6,087
Income (loss) before income taxes	\$ (1,021)	\$ 157	\$ 45	\$ (184)	\$ (1,285)	\$ 264	\$ (1,003)	\$ (4,152)	\$ 3,149
Critical illness net premiums	\$ 46,455	\$ 49,531	\$ 53,805	\$ 53,643	\$ 58,610	\$ (12,155)	\$ 203,434	\$ 233,176	\$ (29,742)

 $See \ appendix \ for \ reconciliation \ of \ GAAP \ income \ before \ income \ taxes.$ 

(1) Compared to comparable prior year period.

# Reinsurance Group of America, Incorporated Europe, Middle East and Africa Traditional Operating Income Statements (USD thousands)

		Th	ree Months En	ded		Current		Year-to-Date	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:		<u> </u>							
Net premiums	\$ 301,252	\$ 275,514	\$ 286,861	\$ 276,435	\$ 299,938	\$ 1,314	\$1,140,062	\$1,121,540	\$ 18,522
Investment income, net of related expenses	11,745	13,067	13,321	12,168	14,123	(2,378)	50,301	51,370	(1,069)
Investment related gains (losses), net	_	_	_	_	7,527	(7,527)	_	8,059	(8,059)
Other revenue	1,806	489	1,460	1,026	5,380	(3,574)	4,781	9,435	(4,654)
Total revenues	314,803	289,070	301,642	289,629	326,968	(12,165)	1,195,144	1,190,404	4,740
Benefits and expenses:									
Claims and other policy benefits	253,663	241,763	252,336	251,243	260,874	(7,211)	999,005	969,596	29,409
Interest credited	_	_	_	_	8,126	(8,126)	_	9,629	(9,629)
Policy acquisition costs and other insurance expenses	17,383	14,133	17,550	14,782	19,171	(1,788)	63,848	63,042	806
Other operating expenses	27,931	24,659	24,922	24,725	25,938	1,993	102,237	100,065	2,172
Total benefits and expenses	298,977	280,555	294,808	290,750	314,109	(15,132)	1,165,090	1,142,332	22,758
Operating income (loss) before income taxes	\$ 15,826	\$ 8,515	\$ 6,834	\$ (1,121)	\$ 12,859	\$ 2,967	\$ 30,054	\$ 48,072	\$ (18,018)
Loss and expense ratios:									
Claims and other policy benefits	84.2%	87.7%	88.0%	90.9%	87.0%	(2.8)%	87.6%	86.5%	1.1%
Policy acquisition costs and other insurance expenses	5.8%	5.1%	6.1%	5.3%	6.4%	(0.6)%	5.6%	5.6%	<u> </u>
Other operating expenses	9.3%	9.0%	8.7%	8.9%	8.6%	0.7 %	9.0%	8.9%	0.1%
Foreign currency effect on (1):									
Net premiums	\$ (37,351)	\$ (32,564)	\$ (20,223)	\$ (23,009)	\$ (24,499)	\$ (12,852)	\$ (113,147)	\$ (119,234)	\$ 6,087
Operating (loss) income before income taxes	\$ (1,021)	\$ 157	\$ 46	\$ (194)	\$ (1,285)	\$ 264	\$ (1,012)	\$ (4,072)	\$ 3,060
Critical illness net premiums	\$ 46,455	\$ 49,531	\$ 53,805	\$ 53,643	\$ 58,610	\$ (12,155)	\$ 203,434	\$ 233,176	\$ (29,742)

See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

(1) Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Europe, Middle East and Africa Financial Solutions (1) GAAP Income Statements

(USD thousands)

			Th	ree Months En	ided		Current		Year-to-Date	:
		Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
		2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Rev	venues:									
	Net premiums	\$ 54,163	\$ 47,018	\$ 43,484	\$ 35,606	\$ 47,152	\$ 7,011	\$180,271	\$171,830	\$ 8,441
	Investment income, net of related expenses	29,994	33,187	33,417	28,684	23,468	6,526	125,282	73,432	51,850
	Investment related gains (losses), net	4,914	8,159	1,468	(1,004)	9,261	(4,347)	13,537	10,170	3,367
	Other revenue	2,962	11,388	2,608	4,470	6,863	(3,901)	21,428	31,234	(9,806)
	Total revenues	92,033	99,752	80,977	67,756	86,744	5,289	340,518	286,666	53,852
Ben	efits and expenses:									
	Claims and other policy benefits	38,631	45,805	44,004	36,443	52,064	(13,433)	164,883	161,917	2,966
	Interest credited	4,217	5,540	2,966	408	_	4,217	13,131	_	13,131
	Policy acquisition costs and other insurance expenses	(220)	(304)	723	(193)	(325)	105	6	(1,100)	1,106
	Other operating expenses	8,077	4,925	5,815	5,674	6,860	1,217	24,491	17,404	7,087
	Total benefits and expenses	50,705	55,966	53,508	42,332	58,599	(7,894)	202,511	178,221	24,290
	Income before income taxes	\$ 41,328	\$ 43,786	\$ 27,469	\$ 25,424	\$ 28,145	\$ 13,183	\$138,007	\$108,445	\$ 29,562
For	eign currency effect on (2):									
	Net premiums	\$ (9,059)	\$ (8,262)	\$ (3,127)	\$ (2,022)	\$ (2,062)	\$ (6,997)	\$ (22,470)	\$ (12,562)	\$ (9,908)
	Income before income taxes	\$ (9,274)	\$ (6,193)	\$ (1,991)	\$ (1,924)	\$ (1,807)	\$ (7,467)	\$ (19,382)	\$ (11,272)	\$ (8,110)

<sup>(1)</sup> Europe, Middle East and Africa Financial Solutions operations includes asset intensive, financial reinsurance, capital motivated and longevity closed block business.

<sup>(2)</sup> Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Europe, Middle East and Africa Financial Solutions (1) Operating Income Statements

(USD thousands)

		Th	ree Months En	ided		Current		Year-to-Date	;
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:									
Net premiums	\$ 54,163	\$ 47,018	\$ 43,484	\$ 35,606	\$ 47,152	\$ 7,011	\$180,271	\$171,830	\$ 8,441
Investment income, net of related expenses	25,777	27,647	30,451	28,276	23,468	2,309	112,151	73,432	38,719
Other revenue	3,276	9,706	2,735	3,653	6,758	(3,482)	19,370	31,045	(11,675)
Total revenues	83,216	84,371	76,670	67,535	77,378	5,838	311,792	276,307	35,485
Benefits and expenses:									
Claims and other policy benefits	38,631	45,805	44,004	36,443	52,064	(13,433)	164,883	161,917	2,966
Policy acquisition costs and other insurance expenses	(220)	(304)	723	(193)	(325)	105	6	(1,100)	1,106
Other operating expenses	8,077	4,925	5,815	5,674	6,860	1,217	24,491	17,404	7,087
Total benefits and expenses	46,488	50,426	50,542	41,924	58,599	(12,111)	189,380	178,221	11,159
Operating income before income taxes	\$ 36,728	\$ 33,945	\$ 26,128	\$ 25,611	\$ 18,779	\$ 17,949	\$122,412	\$ 98,086	\$ 24,326
Foreign currency effect on (2):									
Net premiums	\$ (9,059)	\$ (8,262)	\$ (3,127)	\$ (2,022)	\$ (2,062)	\$ (6,997)	\$ (22,470)	\$ (12,562)	\$ (9,908)
Operating income before income taxes	\$ (8,168)	\$ (4,742)	\$ (1,819)	\$ (1,978)	\$ (1,441)	\$ (6,727)	\$ (16,707)	\$ (10,828)	\$ (5,879)

#### See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

- $(1) \ Europe, \ Middle \ East \ and \ A frica's \ Financial \ Solutions \ operations \ includes \ asset \ intensive, financial \ reinsurance, \ capital \ motivated \ and \ longevity \ closed \ block \ business.$
- (2) Compared to comparable prior year period.



#### Reinsurance Group of America, Incorporated Asia Pacific Traditional GAAP Income Statements

(USD thousands)

		Th	ree Months En	ded		Current		Year-to-Date	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:							_		
Net premiums	\$ 448,283	\$ 404,451	\$ 454,629	\$ 374,142	\$ 388,663	\$ 59,620	\$1,681,505	\$1,551,586	\$ 129,919
Investment income, net of related expenses	21,448	21,273	20,461	19,867	20,276	1,172	83,049	80,549	2,500
Investment related gains (losses), net	_	_	_	14	1,706	(1,706)	14	_	14
Other revenue	2,002	1,923	2,481	176	553	1,449	6,582	6,222	360
Total revenues	471,733	427,647	477,571	394,199	411,198	60,535	1,771,150	1,638,357	132,793
Benefits and expenses:									
Claims and other policy benefits	368,091	365,115	338,447	274,298	284,269	83,822	1,345,951	1,208,984	136,967
Policy acquisition costs and other insurance expenses	46,604	4,157	67,908	44,367	49,747	(3,143)	163,036	187,976	(24,940)
Other operating expenses	38,574	38,553	36,734	34,374	39,767	(1,193)	148,235	135,743	12,492
Total benefits and expenses	453,269	407,825	443,089	353,039	373,783	79,486	1,657,222	1,532,703	124,519
Income before income taxes	\$ 18,464	\$ 19,822	\$ 34,482	\$ 41,160	\$ 37,415	\$ (18,951)	\$ 113,928	\$ 105,654	\$ 8,274
Loss and Expense Ratios:									
Claims and other policy benefits	82.1%	90.3%	74.4%	73.3%	73.1%	9.0 %	80.0%	77.9%	2.1 %
Policy acquisition costs and other insurance expenses	10.4%	1.0%	14.9%	11.9%	12.8%	(2.4)%	9.7%	12.1%	(2.4)%
Other operating expenses	8.6%	9.5%	8.1%	9.2%	10.2%	(1.6)%	8.8%	8.7%	0.1 %
Foreign currency effect on (1):									
Net premiums	\$ 12,575	\$ 20,095	\$ (7,741)	\$ (21,627)	\$ (43,034)	\$ 55,609	\$ 3,302	\$ (198,173)	\$ 201,475
Income before income taxes	\$ 1,143	\$ 331	\$ 506	\$ (2,735)	\$ (4,686)	\$ 5,829	\$ (755)	\$ (8,034)	\$ 7,279
Critical illness net premiums	\$ 85,931	\$ 100,641	\$ 113,297	\$ 98,389	\$ 81,271	\$ 4,660	\$ 398,258	\$ 312,599	\$ 85,659



<sup>(1)</sup> Compared to comparable prior year period.

# Reinsurance Group of America, Incorporated Asia Pacific Traditional Operating Income Statements (USD thousands)

		Th	ree Months En	ded		Current		Year-to-Date	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:									
Net premiums	\$ 448,283	\$ 404,451	\$ 454,629	\$ 374,142	\$ 388,663	\$ 59,620	\$1,681,505	\$1,551,586	\$ 129,919
Investment income, net of related expenses	21,448	21,273	20,461	19,867	20,276	1,172	83,049	80,549	2,500
Investment related losses, net	_	_	_	(2)	_	_	(2)	_	(2)
Other revenue	2,002	1,923	2,481	176	553	1,449	6,582	6,222	360
Total revenues	471,733	427,647	477,571	394,183	409,492	62,241	1,771,134	1,638,357	132,777
Benefits and expenses:									
Claims and other policy benefits	368,091	365,115	338,447	274,298	284,269	83,822	1,345,951	1,208,984	136,967
Policy acquisition costs and other insurance expenses	46,604	4,157	67,908	44,367	49,747	(3,143)	163,036	187,976	(24,940)
Other operating expenses	38,574	38,553	36,734	34,374	39,767	(1,193)	148,235	135,743	12,492
Total benefits and expenses	453,269	407,825	443,089	353,039	373,783	79,486	1,657,222	1,532,703	124,519
Operating income before income taxes	\$ 18,464	\$ 19,822	\$ 34,482	\$ 41,144	\$ 35,709	\$ (17,245)	\$ 113,912	\$ 105,654	\$ 8,258
Loss and Expense Ratios:									
Claims and other policy benefits	82.1%	90.3%	74.4%	73.3%	73.1%	9.0 %	80.0%	77.9%	2.1 %
Policy acquisition costs and	82.1%	90.3%	/4.4%	/3.5%	/3.1%	9.0 %	80.0%	//.9%	2.1 %
other insurance expenses	10.4%	1.0%	14.9%	11.9%	12.8%	(2.4)%	9.7%	12.1%	(2.4)%
Other operating expenses	8.6%	9.5%	8.1%	9.2%	10.2%	(1.6)%	8.8%	8.7%	0.1 %
Foreign currency effect on (1):									
Net premiums	\$ 12,575	\$ 20,095	\$ (7,741)	\$ (21,627)	\$ (43,034)	\$ 55,609	\$ 3,302	\$ (198,173)	\$ 201,475
Operating income before income taxes	\$ 1,144	\$ 331	\$ 506	\$ (2,748)	\$ (4,204)	\$ 5,348	\$ (767)	\$ (8,034)	\$ 7,267
Critical illness net premiums	\$ 85,931	\$ 100,641	\$ 113,297	\$ 98,389	\$ 81,271	\$ 4,660	\$ 398,258	\$ 312,599	\$ 85,659



 $<sup>(1) \</sup> Compared \ to \ comparable \ prior \ year \ period.$ 

#### Reinsurance Group of America, Incorporated Asia Pacific Financial Solutions (1) GAAP Income Statements

(USD thousands)

					Th	ree l	Months En	ded					Current			Ye	ar-to-Date		
		D	ec. 31,	S	ept. 30,	J	une 30,	M	arch 31,	Γ	Dec. 31,	(	Qtr vs. PY	Ι	Dec. 31,	Г	ec. 31,		
			2016		2016		2016		2016		2015		Quarter		2016		2015	_(	Change
Rev	enues:																		
	Net premiums	\$	492	\$	743	\$	(1,493)	\$	5,686	\$	5,487	\$	(4,995)	\$	5,428	\$	19,474	\$ (	(14,046)
	Investment income, net of related expenses		5,562		5,827		5,885		6,374		6,659		(1,097)		23,648		18,678		4,970
	Investment related gains (losses), net		(4,886)		6,108		6,527		1,687		671		(5,557)		9,436		(531)		9,967
	Other revenue		6,061		6,359		6,126		6,324		5,698		363		24,870		18,960		5,910
	Total revenues		7,229		19,037		17,045		20,071		18,515		(11,286)		63,382		56,581		6,801
Ben	efits and expenses:																		
	Claims and other policy benefits		9,693		3,777		8,237		3,473		4,951		4,742		25,180		16,295		8,885
	Interest credited		3,322		3,308		3,136		3,030		3,095		227		12,796		4,471		8,325
	Policy acquisition costs and other insurance expenses		1,635		1,482		1,667		1,287		1,297		338		6,071		2,554		3,517
	Other operating expenses		4,545		2,921		4,078		3,728		3,705		840		15,272		13,642		1,630
	Total benefits and expenses		19,195		11,488		17,118		11,518		13,048		6,147		59,319		36,962		22,357
	Income (loss) before income taxes	\$ (	(11,966)	\$	7,549	\$	(73)	\$	8,553	\$	5,467	\$	(17,433)	\$	4,063	\$	19,619	\$ (	(15,556)
Fore	eign currency effect on (2):																		
	Net premiums	\$	71	\$	60	\$	(225)	\$	243	\$	(373)	\$	444	\$	149	\$	(2,607)	\$	2,756
	Income before income taxes	\$	(464)	\$	917	\$	233	\$	778	\$	(587)	\$	123	\$	1,464	\$	(2,907)	\$	4,371

#### See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

<sup>(1)</sup> Asia Pacific Financial Solutions operations includes asset intensive, financial reinsurance, and disabled life closed block business.

<sup>(2)</sup> Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Asia Pacific Financial Solutions (1) Operating Income Statements

(USD thousands)

					,			,				-						
				Th	ree N	Months En	ded				(	Current			Yea	ar-to-Date		
	De	ec. 31,	S	ept. 30,	J	une 30,	M	arch 31,	D	Dec. 31,	Qt	r vs. PY	D	Dec. 31,	D	ec. 31,		
	2	2016		2016		2016		2016		2015	(	Quarter		2016		2015	(	Change
Revenues:						_							-			_		
Net premiums	\$	492	\$	743	\$	(1,493)	\$	5,686	\$	5,487	\$	(4,995)	\$	5,428	\$	19,474	\$ (	(14,046)
Investment income, net of related expenses		5,562		5,827		5,885		6,374		6,659		(1,097)		23,648		18,678		4,970
Investment related gains, net		960		825		602		576		654		306		2,963		2,368		595
Other revenue		6,061		6,359		6,126		6,324		5,698		363		24,870		18,960		5,910
Total revenues		13,075		13,754		11,120		18,960		18,498		(5,423)		56,909		59,480		(2,571)
Benefits and expenses:																		
Claims and other policy benefits		9,693		3,777		8,237		3,473		4,951		4,742		25,180		16,295		8,885
Interest credited		3,322		3,308		3,136		3,030		3,095		227		12,796		4,471		8,325
Policy acquisition costs and other insurance expenses		1,635		1,482		1,667		1,287		1,297		338		6,071		2,554		3,517
Other operating expenses		4,545		2,921		4,078		3,728		3,705		840		15,272		13,642		1,630
Total benefits and expenses		19,195		11,488		17,118		11,518		13,048		6,147		59,319		36,962		22,357
Operating income (loss) before income taxes	\$	(6,120)	\$	2,266	\$	(5,998)	\$	7,442	\$	5,450	\$ (	(11,570)	\$	(2,410)	\$	22,518	\$ (	(24,928)
												_						
Foreign currency effect on (2):																		
Net premiums	\$	71	\$	60	\$	(225)	\$	243	\$	(373)	\$	444	\$	149	\$	(2,607)	\$	2,756
Operating income before income taxes	\$	100	\$	451	\$	(113)	\$	323	\$	(774)	\$	874	\$	761	\$	(3,558)	\$	4,319

#### See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

<sup>(1)</sup> Asia Pacific Financial Solutions operations includes asset intensive, financial reinsurance, and disabled life closed block business.

<sup>(2)</sup> Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Corporate and Other GAAP Income Statements

(USD thousands)

		Thi	ree Months En	ded		Current		Year-to-Date	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:									
Net premiums	\$ 53	\$ 72	\$ 108	\$ 109	\$ 112	\$ (59)	\$ 342	\$ 565	\$ (223)
Investment income, net of related expenses	35,468	33,478	25,190	22,921	28,355	7,113	117,057	123,450	(6,393)
Investment related gains (losses), net	(461)	12,258	32,036	7,423	(34,276)	33,815	51,256	(65,107)	116,363
Other revenue	706	4,893	4,653	2,049	6,665	(5,959)	12,301	9,987	2,314
Total revenues	35,766	50,701	61,987	32,502	856	34,910	180,956	68,895	112,061
Benefits and expenses:									
Claims and other policy benefits	(15)	(15)	(6)	27	(11)	(4)	(9)	38	(47)
Interest credited	881	622	459	507	369	512	2,469	1,028	1,441
Policy acquisition costs and other insurance income	(26,740)	(24,565)	(25,149)	(23,812)	(22,886)	(3,854)	(100,266)	(87,551)	(12,715)
Other operating expenses	41,187	32,414	40,975	39,978	32,878	8,309	154,554	109,017	45,537
Interest expense	41,422	43,063	20,331	32,807	35,820	5,602	137,623	142,863	(5,240)
Collateral finance and securitization expense	6,431	6,484	6,587	6,325	6,182	249	25,827	22,644	3,183
Total benefits and expenses	63,166	58,003	43,197	55,832	52,352	10,814	220,198	188,039	32,159
Income (loss) before income taxes	\$ (27,400)	\$ (7,302)	\$ 18,790	\$ (23,330)	\$ (51,496)	\$ 24,096	\$ (39,242)	\$(119,144)	\$ 79,902
Foreign currency effect (1):									
Income before income taxes	\$ 401	\$ 294	\$ (1,941)	\$ (1,409)	\$ (2,642)	\$ 3,043	\$ (2,655)	\$ (6,079)	\$ 3,424

See appendix for reconciliation of GAAP income before income taxes to operating income before income taxes.

(1) Compared to comparable prior year period.

#### Reinsurance Group of America, Incorporated Corporate and Other Operating Income Statements

(USD thousands)

		Th	ree Months En	nded		Current	<b></b>	<u>;                                    </u>	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Revenues:					·				
Net premiums	\$ 53	\$ 72	\$ 108	\$ 109	\$ 112	\$ (59)	\$ 342	\$ 565	\$ (223)
Investment income, net of related expenses	35,468	33,478	25,190	22,921	28,355	7,113	117,057	123,450	(6,393)
Investment related gains, net	659	568	496	493	523	136	2,216	1,949	267
Other revenue	681	4,870	4,636	2,035	6,650	(5,969)	12,222	10,058	2,164
Total revenues	36,861	38,988	30,430	25,558	35,640	1,221	131,837	136,022	(4,185)
Benefits and expenses:									
Claims and other policy benefits	(15)	(15)	(6)	27	(11)	(4)	(9)	38	(47)
Interest credited	881	622	459	507	369	512	2,469	1,028	1,441
Policy acquisition costs and other insurance income	(26,740)	(24,565)	(25,149)	(23,812)	(22,886)	(3,854)	(100,266)	(87,551)	(12,715)
Other operating expenses	41,187	32,414	40,975	39,978	32,878	8,309	154,554	109,017	45,537
Interest expense	41,422	43,063	20,331	32,807	35,820	5,602	137,623	142,863	(5,240)
Collateral finance and securitization expense	6,431	6,484	6,587	6,325	6,182	249	25,827	22,644	3,183
Total benefits and expenses	63,166	58,003	43,197	55,832	52,352	10,814	220,198	188,039	32,159
Operating income (loss) before income taxes	\$ (26,305)	\$ (19,015)	\$ (12,767)	\$ (30,274)	\$ (16,712)	\$ (9,593)	\$ (88,361)	\$ (52,017)	\$ (36,344)
Foreign currency effect (1):									
Operating income before income taxes	\$ 367	\$ 513	\$ (442)	\$ (868)	\$ (2,604)	\$ 2,971	\$ (430)	\$ (5,712)	\$ 5,282

 $See \ appendix \ for \ reconciliation \ of \ GAAP \ income \ before \ income \ taxes.$ 

(1) Compared to comparable prior year period.



## Reinsurance Group of America, Incorporated Summary of Segment GAAP Income Statements (USD thousands)

		Thr	ee Months En	ded				Year-to-date	
	Dec. 31, 2016	Sept. 30, 2016	June 30, 2016	March 31, 2016	Dec. 31, 2015	Current Qtr vs. PY Quarter	Dec. 31, 2016	Dec. 31, 2015	Change
U.S. and Latin America:									
Traditional	\$ 131,492	\$ 77,081	\$ 111,430	\$ 51,098	\$ 79,483	\$ 52,009	\$ 371,101	\$ 235,771	\$ 135,330
Financial Solutions:									
Asset Intensive	72,261	88,732	93,979	(30,830)	30,874	41,387	224,142	152,946	71,196
Financial Reinsurance	14,447	13,982	14,875	15,934	15,936	(1,489)	59,238	55,017	4,221
Total U.S. and Latin America	218,200	179,795	220,284	36,202	126,293	91,907	654,481	443,734	210,747
Canada:									
Canada Traditional	37,026	34,275	43,309	20,095	44,640	(7,614)	134,705	124,175	10,530
Canada Financial Solutions	4,065	1,160	2,128	592	3,420	645	7,945	13,902	(5,957)
Total Canada	41,091	35,435	45,437	20,687	48,060	(6,969)	142,650	138,077	4,573
Europe, Middle East and Africa:									
Europe, Middle East and Africa Traditional	15,826	8,515	6,834	(1,116)	12,859	2,967	30,059	48,410	(18,351)
Europe, Middle East and Africa Financial Solutions	41,328	43,786	27,469	25,424	28,145	13,183	138,007	108,445	29,562
Total Europe, Middle East and Africa	57,154	52,301	34,303	24,308	41,004	16,150	168,066	156,855	11,211
Asia Pacific:									
Asia Pacific Traditional	18,464	19,822	34,482	41,160	37,415	(18,951)	113,928	105,654	8,274
Asia Pacific Financial Solutions	(11,966)	7,549	(73)	8,553	5,467	(17,433)	4,063	19,619	(15,556)
Total Asia Pacific	6,498	27,371	34,409	49,713	42,882	(36,384)	117,991	125,273	(7,282)
Corporate and Other	(27,400)	(7,302)	18,790	(23,330)	(51,496)	24,096	(39,242)	(119,144)	79,902
Consolidated Income before Income Taxes	\$ 295,543	\$ 287,600	\$ 353,223	\$ 107,580	\$ 206,743	\$ 88,800	\$1,043,946	\$ 744,795	\$ 299,151



#### Reinsurance Group of America, Incorporated Summary of Segment Operating Income Statements (USD thousands)

		Th	ree Months En	ded		G O.		Year-to-date	
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Current Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
U.S. and Latin America:									
Traditional	\$ 129,345	\$ 80,475	\$ 112,312	\$ 53,198	\$ 78,990	\$ 50,355	\$ 375,330	\$ 233,465	\$ 141,865
Financial Solutions:									
Asset Intensive	46,698	58,693	54,323	45,268	47,596	(898)	204,982	199,562	5,420
Financial Reinsurance	14,447	13,982	14,875	15,934	15,936	(1,489)	59,238	55,017	4,221
Total U.S. and Latin America	190,490	153,150	181,510	114,400	142,522	47,968	639,550	488,044	151,506
Canada:									
Canada Traditional	34,754	30,624	40,907	19,364	45,086	(10,332)	125,649	123,811	1,838
Canada Financial Solutions	4,065	1,160	2,128	592	3,420	645	7,945	13,902	(5,957)
Total Canada	38,819	31,784	43,035	19,956	48,506	(9,687)	133,594	137,713	(4,119)
Europe, Middle East and Africa:									
Europe, Middle East and Africa Traditional	15,826	8,515	6,834	(1,121)	12,859	2,967	30,054	48,072	(18,018)
Europe, Middle East and Africa Financial Solutions	36,728	33,945	26,128	25,611	18,779	17,949	122,412	98,086	24,326
Total Europe, Middle East and Africa	52,554	42,460	32,962	24,490	31,638	20,916	152,466	146,158	6,308
Asia Pacific:									
Asia Pacific Traditional	18,464	19,822	34,482	41,144	35,709	(17,245)	113,912	105,654	8,258
Asia Pacific Financial Solutions	(6,120)	2,266	(5,998)	7,442	5,450	(11,570)	(2,410)	22,518	(24,928)
Total Asia Pacific	12,344	22,088	28,484	48,586	41,159	(28,815)	111,502	128,172	(16,670)
Corporate and Other	(26,305)	(19,015)	(12,767)	(30,274)	(16,712)	(9,593)	(88,361)	(52,017)	(36,344)
Consolidated Operating Income before Income Taxes	\$ 267,902	\$ 230,467	\$ 273,224	\$ 177,158	\$ 247,113	\$ 20,789	\$ 948,751	\$ 848,070	\$ 100,681



## Reinsurance Group of America, Incorporated Investments (USD thousands)

**Cash and Invested Assets** 

	Dec. 31, 2016	Sept. 30, 2016	June 30, 2016	March 31, 2016	Dec. 31, 2015
Fixed maturity securities, available-for-sale	\$ 32,093,625	\$ 33,536,419	\$ 33,160,976	\$ 31,148,714	\$ 29,642,905
Mortgage loans on real estate	3,775,522	3,607,700	3,377,039	3,292,496	3,129,951
Policy loans	1,427,602	1,414,963	1,445,410	1,451,857	1,468,796
Funds withheld at interest	5,875,919	5,922,656	5,899,289	5,797,183	5,880,203
Short-term investments	76,710	126,702	195,979	431,535	558,284
Other invested assets	1,591,940	1,777,065	1,682,143	1,368,544	1,298,120
Cash and cash equivalents	1,200,718	1,379,693	1,034,329	1,502,082	1,525,275
Total cash and invested assets	\$ 46,042,036	\$ 47,765,198	\$ 46,795,165	\$ 44,992,411	\$ 43,503,534

#### **Investment Income and Yield Summary**

					Thre	e Months End	ed								Year-t	o-Date		
		Dec. 31, 2016		Sept. 30, 2016		June 30, 2016	N	March 31, 2016		Dec. 31, 2015	(	Current Qtr vs. PY Quarter		Dec. 31, 2016		:. 31, 015	(	Change
Average invested assets at amortized cost (1)	\$24,	,621,939	\$2	4,128,430	\$2	23,216,459	\$2	2,379,003	\$2	1,552,560	\$3	3,069,379	\$2	23,188,717	\$20,78	4,941	\$2,	403,776
Net investment income (1)	\$	283,484	\$	263,111	\$	268,747	\$	245,299	\$	262,660	\$	20,824	\$	1,060,641	\$ 1,00	2,197	\$	58,444
Annualized investment yield (ratio of net investment income to average invested assets at amortized cost)		4.69%		4.43%		4.71%		4.46%		4.96% <i>(</i>	2)	-0.27%		4.57%		4.82%		-0.25%

<sup>(1)</sup> Excludes spread-related business (e.g. coinsurance of annuities).

<sup>(2)</sup> Includes the cumulative effective of income related to a funds withheld transaction executed in the fourth quarter of 2015, retroactive to the beginning of the year.

### Reinsurance Group of America, Incorporated Investments (USD thousands)

#### Amortized Cost, Gross Unrealized Gains and Losses, and Estimated Fair Values of Fixed Maturity and Equity Securities (Excludes Funds Withheld Portfolios)

		December	31,	2016						
	A	Amortized Cost	1	Unrealized Gains	U	Jnrealized Losses	Est	imated Fair Value	% of Total	Other-than- temporary Impairment in AOCI
Available-for-sale:								, ,		
Corporate securities	\$ 1	8,924,711	\$	911,618	\$	217,245	\$ 1	9,619,084	61.1%	s —
Canadian and Canadian provincial governments		2,561,605		1,085,982		3,541		3,644,046	11.4%	_
Residential mortgage-backed securities		1,258,039		33,917		13,380		1,278,576	4.0%	(375)
Asset-backed securities		1,443,822		9,350		23,828		1,429,344	4.5%	275
Commercial mortgage-backed securities		1,342,440		28,973		7,759		1,363,654	4.2%	_
U.S. government and agencies		1,518,702		12,644		63,044		1,468,302	4.6%	_
State and political subdivisions		566,761		37,499		12,464		591,796	1.8%	_
Other foreign government, supranational, and foreign										
government-sponsored enterprises		2,595,707		123,054		19,938		2,698,823	8.4%	_
Total fixed maturity securities	\$ 3	0,211,787	\$	2,243,037	\$	361,199	\$ 3	2,093,625	100.0%	\$ (100)
Non-redeemable preferred stock	¢.	55.012	e.	1.640	e e	( 227	e.	51 100	10.60/	
Other equity securities	\$	55,812 229,767	\$	1,648	\$	6,337 7,321	\$	51,123 224,238	18.6% 81.4%	
Total equity securities	\$		\$	1,792	•		•			
Total equity securities	<u> </u>	285,579	2	3,440	\$	13,658	\$	275,361	100.0%	
		December	r 31,	, 2015						
		Amortized Cost		Unrealized Gains	1	Unrealized Losses	Es	stimated Fair Value	% of Total	Other-than- temporary Impairment in AOCI
Available-for-sale:										
Corporate securities	\$	17,575,507	\$	599,718	\$	467,069	\$	17,708,156	59.7%	\$ —
Canadian and Canadian provincial governments		2,469,009		1,110,282		2,532		3,576,759	12.1%	_
Residential mortgage-backed securities		1,277,998		45,152		11,673		1,311,477	4.4%	(300)
Asset-backed securities		1,219,000		12,052		18,376		1,212,676	4.1%	354
Commercial mortgage-backed securities		1,456,848		37,407		11,168		1,483,087	5.0%	(1,609)
U.S. government and agencies		1,423,791		15,586		57,718		1,381,659	4.7%	_
State and political subdivisions		480,067		40,014		9,067		511,014	1.7%	_
Other foreign government, supranational, and foreign										
government-sponsored enterprises		2,420,757		78,964		41,644		2,458,077	8.3%	
Total fixed maturity securities	\$	28,322,977	\$	1,939,175	\$	619,247	\$	29,642,905	100.0%	\$ (1,555)
Non-redeemable preferred stock	\$	85.645	\$	7,837	\$	5,962	\$	87,520	69.5%	
Other equity securities	Ψ	40,584	Ψ	-,,557	Ψ	2,242	Ψ	38,342	30.5%	
Total equity securities	\$	126,229	\$	7.837	\$	8.204	\$	125,862	100.0%	
1	Ψ	120,229	Ψ	,,037	<u> </u>	0,201		120,002	100.070	

#### Reinsurance Group of America, Incorporated Investments

(USD thousands)

## Corporate Fixed Maturities Securities by Sector (Excludes Funds Withheld Portfolios)

December 31, 2016 December 31, 2015 Estimated Average Estimated Average Amortized Fair % of Credit Amortized Fair % of Credit Cost Value Total Ratings (1) Cost Value Total Ratings (1) Financial institutions \$ 3,557,406 Banking \$ 4,167,029 \$ 4,255,932 21.9% A-\$ 3,641,125 20.5% A-Brokerage/asset managers/exchanges 403,014 413,699 2.1% Α 315,848 327,477 1.8% Finance companies 120,782 68,996 BBB-127,327 0.6% A-70,947 0.4% Insurance 1,314,077 1,353,008 6.9% 877,691 908,752 5.1% A-A-REITs 3.1% BBB+ 582,157 BBB+ 524,424 540,120 598,366 3.0% Other finance 138,140 140,636 0.7% A-64,426 66,623 0.4% A-35.2% \$ 5,555,044 31.3% Total financial institutions \$ 6,725,199 \$ 6,888,968 \$ 5,408,791 Industrials Basic \$ 887,179 \$ 923,839 4.7% BBB \$ 937,498 894,466 5.1% BBB Capital goods 998,749 BBB+ BBB+ 1,027,098 5.2% 1,090,670 1,091,523 6.2% Communications 1,841,904 1,928,261 9.8% BBB 1,891,983 1,912,375 10.8%**BBB** Consumer cyclical 1,081,091 BBB+ BBB+ 1,116,933 5.7% 1,015,183 1,028,521 5.8% Consumer noncyclical 1,957,052 2,050,927 10.5% A-1,762,018 1,805,347 10.2% A-BBB+ BBB+ Energy 1,867,072 9.9% 10.9% 1,941,301 2,064,824 1,922,366 Technology 644,474 660,200 3.4% A 569,174 574,280 3.2% A-Transportation 854,681 887,911 4.5% A-763,055 777,939 4.4% A-Other industrial 96,611 103,143 0.5% A-117,021 123,100 0.7%BBB+ Total industrials \$10,228,813 \$10,639,613 54.2% \$10,211,426 \$10,129,917 57.3% Utilities Electric \$ 1,432,641 \$ 1,498,919 7.6% A-\$ 1,395,335 \$ 1,444,368 8.2% BBB+ Natural gas 316,447 338,253 1.7% A-315,826 323,206 1.8% A-Other utility 221,611 253,331 1.3% A-244,129 255,621 1.4% A-Total utilities 10.6% 11.4% \$ 1,970,699 \$ 2,090,503 \$ 1,955,290 \$ 2,023,195 BBB+ Total \$18,924,711 \$19,619,084 100.0% BBB+ \$17,575,507 \$17,708,156 100.0%

Association of Insurance Commissioners (NAIC).



<sup>(1)</sup> The Average Credit Rating designations are based on the weighted average ratings from nationally recognized statistical rating organizations (NRSRO), primarily those assigned by S&P. In instances

where a S&P rating is not available, the Company will reference the rating provided by Moody's, and in the absence of both the Company will assign equivalent ratings based on information from the National

#### Reinsurance Group of America, Incorporated Investments

(USD thousands)

#### Ratings of Fixed Maturity Securities (Excludes Funds Withheld Portfolios)

		Dec	ember 31, 2016	5	Sept	ember 30, 2016		J	une 30, 2016		M	arch 31, 2016		Dece	ember 31, 2015	
NAIC Designation (	Rating Agency Designation	Amortized Cost	Estimated Fair Value	% of Total												
1	AAA/AA/A	\$ 19,813,653	\$ 21,369,081	66.5%	\$ 19,794,556	\$ 22,594,066	67.3%	\$ 19,755,011	\$ 22,392,311	67.5%	\$ 18,511,837	\$ 20,516,462	65.9%	\$ 17,801,017	\$ 19,231,535	64.8%
2	BBB	8,834,469	9,162,483	28.5%	8,660,225	9,296,652	27.7%	8,679,819	9,130,971	27.5%	8,813,991	9,005,192	28.9%	8,838,444	8,830,172	29.8%
3	BB	944,839	955,735	3.0%	1,010,694	1,027,001	3.1%	1,012,092	1,018,629	3.1%	1,096,165	1,057,763	3.4%	1,054,449	1,001,614	3.4%
4	В	414,087	411,138	1.3%	451,456	441,887	1.3%	456,457	431,649	1.3%	402,872	372,795	1.2%	399,417	359,591	1.2%
5	CCC	187,744	177,481	0.6%	157,857	151,182	0.5%	143,675	135,927	0.4%	178,537	165,491	0.5%	207,351	197,498	0.7%
6	In or near de fault	16,995	17,707	0.1%	23,108	25,631	0.1%	29,830	51,489	0.2%	31,872	31,011	0.1%	22,299	22,495	0.1%
	Total	\$ 30,211,787	\$ 32,093,625	100.0%	\$ 30,097,896	\$ 33,536,419	100.0%	\$ 30,076,884	\$ 33,160,976	100.0%	\$ 29,035,274	\$ 31,148,714	100.0%	\$ 28,322,977	\$ 29,642,905	100.0%

<sup>(1)</sup> Structured securities held by the Company's insurance subsidiaries that maintain the NAIC statutory basis of accounting that meet the definition of SSAP No. 43R utilize the NAIC rating methodology. All other securities will continue to utilize the NRSRO ratings, as available, or equivalent rating based on information from the NAIC.

(2) The Rating Agency Designation includes all "+" or "-" at that rating level (e.g. 'BBB' includes 'BBB+', 'BBB', and 'BBB-').

#### **Structured Fixed Maturity Securities**

					•					
	Decembe	er 31, 2016	Septembe	er 30, 2016	June 3	30, 2016	March	31, 2016	Decembe	er 31, 2015
	Amortized Cost	Estimated Fair Value								
Residential mortgage-backed securities:										
Agency	\$ 579,686	\$ 602,549	\$ 590,881	\$ 642,041	\$ 601,728	\$ 659,526	\$ 593,662	\$ 642,617	\$ 602,524	\$ 634,077
Non-agency	678,353	676,027	656,796	669,651	623,990	633,252	737,232	738,280	675,474	677,400
Total residential mortgage- backed securities	1,258,039	1,278,576	1,247,677	1,311,692	1,225,718	1,292,778	1,330,894	1,380,897	1,277,998	1,311,477
Commercial mortgage-backed securities	1,342,440	1,363,654	1,402,249	1,475,033	1,441,091	1,507,693	1,466,500	1,508,183	1,456,848	1,483,087
Asset-backed securities	1,443,822	1,429,344	1,388,263	1,382,574	1,377,736	1,356,677	1,319,616	1,289,381	1,219,000	1,212,676
Total	\$4,044,301	\$4,071,574	\$4,038,189	\$4,169,299	\$4,044,545	\$4,157,148	\$4,117,010	\$4,178,461	\$3,953,846	\$4,007,240



# Reinsurance Group of America, Incorporated Investments (USD thousands)

#### **Gross Unrealized Losses Aging**

#### **Fixed Maturity Securities**

	Decembe	r 31, 2016	Septembe	r 30, 2016	June 3	0, 2016	March 3	31, 2016	December	31, 2015
	Gross Unrealized Losses	% of Total								
Less than 20%	\$ 328,691	87.7%	\$ 85,446	62.2%	\$ 148,844	74.9%	\$ 272,450	70.5%	\$ 458,676	73.1%
20% or more for less than six months	18,733	5.0%	12,551	9.1%	7,248	3.7%	68,067	17.6%	140,568	22.4%
20% or more for six months or greater	13,775	3.7%	32,286	23.5%	34,078	17.2%	36,949	9.6%	20,003	3.2%
Total	\$ 361,199	96.4%	\$ 130,283	94.8%	\$ 190,170	95.8%	\$ 377,466	97.7%	\$ 619,247	98.7%

#### **Equity Securities**

		December	r 31, 201	6	September 30, 2016			2016	June 3	0, 20	16		March 3	31, 20	016		December	31, 20	015
	U	Gross nrealized Losses	% c		Uı	Gross nrealized Losses		% of Γotal	Gross nrealized Losses		% of Total	Uı	Gross realized Losses		% of Total	Uı	Gross nrealized Losses		of otal
Less than 20%	\$	9,140	- 2	2.4%	\$	2,588		1.9%	\$ 1,794		0.9%	\$	2,678		0.7%	\$	4,433		0.7%
20% or more for less than six months		705	(	0.2%		_		0.0%	1,685		0.8%		1,672		0.4%		1,927		0.3%
20% or more for six months or greater		3,813		1.0%		4,472		3.3%	4,903		2.5%		4,714		1.2%		1,844		0.3%
Total	\$	13,658	-	3.6%	\$	7,060		5.2%	\$ 8,382		4.2%	\$	9,064		2.3%	\$	8,204		1.3%



## Reinsurance Group of America, Incorporated Investments (USD thousands)

# Fixed Maturities and Equity Securities Below Amortized Cost (Excludes Funds Withheld Portfolios)

#### As of December 31, 2016

		Less than	n 12	months	E	qual to or gre	ater tl	han 12 months		7	otal	
	E	stimated Fair Value	Gı	ross Unrealized Losses	Е	stimated Fair Value	Gı	ross Unrealized Losses	Е	stimated Fair Value	Gr	oss Unrealized Losses
Investment grade securities:								_				
Corporate securities	\$	4,661,706	\$	124,444	\$	549,273	\$	43,282	\$	5,210,979	\$	167,726
Canadian and Canadian provincial governments		101,578		3,541		_		_		101,578		3,541
Residential mortgage-backed securities		490,473		9,733		112,216		3,635		602,689		13,368
Asset-backed securities		563,259		12,010		257,166		9,653		820,425		21,663
Commercial mortgage-backed securities		368,465		6,858		10,853		166		379,318		7,024
U.S. government and agencies		1,056,101		63,044		_		_		1,056,101		63,044
State and political subdivisions		187,194		9,396		13,635		3,068		200,829		12,464
Other foreign government, supranational, and foreign government-sponsored enterprises		524,236		13,372		51,097		2,981		575,333		16,353
Total investment grade securities	\$	7,953,012	\$	242,398	\$	994,240	\$	62,785	\$	8,947,252	\$	305,183
Below investment grade securities:												
Corporate securities	\$	330,757	\$	7,914	\$	163,152	\$	41,605	\$	493,909	\$	49,519
Residential mortgage-backed securities		_		_		412		12		412		12
Asset-backed securities		5,904		700		12,581		1,465		18,485		2,165
Commercial mortgage-backed securities		5,815		735		_		_		5,815		735
Other foreign government, supranational, and foreign government-sponsored enterprises		32,355		1,258		39,763		2,327		72,118		3,585
Total below investment grade securities	_	374,831		10,607		215,908		45,409		590,739		56,016
Total fixed maturity securities	\$	8,327,843	\$	253,005	\$	1,210,148	\$	108,194	\$	9,537,991	\$	361,199
Equity securities:												
Non-redeemable preferred stock	\$	10,831	\$	831	\$	21,879	\$	5,506	\$	32,710	\$	6,337
Other equity securities		202,068		7,020		6,751		301		208,819		7,321
Total equity securities	\$	212,899	\$	7,851	\$	28,630	\$	5,807	\$	241,529	\$	13,658
			_		_				_			

#### As of December 31, 2015

						As of Dec	CIIIDCI	31, 2013				
		Less tha	n 12	months	E	qual to or gre	ater tl	han 12 months		7	Fotal	
	Es	stimated Fair Value	Gı	ross Unrealized Losses	Е	stimated Fair Value	Gı	ross Unrealized Losses	Е	stimated Fair Value	G	ross Unrealized Losses
Investment grade securities:												
Corporate securities	\$	6,388,148	\$	323,961	\$	294,755	\$	40,861	\$	6,682,903	\$	364,822
Canadian and Canadian provincial governments		122,746		2,532		_		_		122,746		2,532
Residential mortgage-backed securities		452,297		7,036		82,314		4,057		534,611		11,093
Asset-backed securities		581,701		9,825		199,298		7,100		780,999		16,925
Commercial mortgage-backed securities		514,877		9,806		31,177		997		546,054		10,803
U.S. government and agencies		1,010,387		57,718		_		_		1,010,387		57,718
State and political subdivisions		157,837		5,349		13,016		3,718		170,853		9,067
Other foreign government, supranational, and foreign government-sponsored enterprises		702,962		18,279		38,379		4,206		741,341		22,485
Total investment grade securities	\$	9,930,955	\$	434,506	\$	658,939	\$	60,939	\$	10,589,894	\$	495,445

Below investment grade securities:						
Corporate securities	\$ 554,688	\$ 71,171	\$ 114,427	\$ 31,076	\$ 669,115	\$ 102,247
Residential mortgage-backed securities	22,646	282	7,679	298	30,325	580
Asset-backed securities	6,772	201	9,335	1,250	16,107	1,451
Commercial mortgage-backed securities	3,253	248	767	117	4,020	365
Other foreign government, supranational, and foreign government-sponsored enterprises	60,668	7,356	31,693	11,803	92,361	19,159
Total below investment grade securities	 648,027	79,258	 163,901	 44,544	811,928	 123,802
Total fixed maturity securities	\$ 10,578,982	\$ 513,764	\$ 822,840	\$ 105,483	\$ 11,401,822	\$ 619,247
						_
<b>Equity securities:</b>						
Non-redeemable preferred stock	\$ 12,331	\$ 2,175	\$ 12,191	\$ 3,787	\$ 24,522	\$ 5,962
Other equity securities	38,327	2,242	_	_	38,327	2,242
Total equity securities	\$ 50,658	\$ 4,417	\$ 12,191	\$ 3,787	\$ 62,849	\$ 8,204



#### Reinsurance Group of America, Incorporated Investments (USD thousands)

Consolidated Investment Related Gains and Losses

			ree Months En				Year-to-date		
	Dec. 31,	Sept. 30,	June 30,	March 31,	Dec. 31,	Current Qtr vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Fixed maturity and equity securities avail. for sale:									
Other-than-temporary impairment losses on fixed maturities	\$ (4,142)	s —	\$ (846)	\$ (33,817)	\$ (27,605)	\$ 23,463	\$ (38,805)	\$ (57,380)	\$ 18,575
Portion of loss recognized in accumulated other									
comprehensive income (before taxes)	74					74	74		74
Net other-than-temporary impairment losses on fixed									
maturities recognized in earnings	(4,068)	_	(846)	(33,817)	(27,605)	23,537	(38,731)	(57,380)	18,649
Gain on investment activity	27,217	46,346	53,615	27,192	20,077	7,140	154,370	73,079	81,291
Loss on investment activity	(6,568)	(9,054)	(22,556)	(11,787)	(21,636)	15,068	(49,965)	(71,893)	21,928
Net gains (losses) on fixed maturity & equity securities									
available for sale	16,581	37,292	30,213	(18,412)	(29,164)	45,745	65,674	(56,194)	121,868
Other impairment losses and change in mortgage loan provision	(8,895)	(262)	211	(2,060)	(2,292)	(6,603)	(11,006)	(6,953)	(4,053)
Other non-derivative gaines (losses), net	4,987	4,754	5,123	4,057	11,824	(6,837)	18,921	28,169	(9,248)
Free-standing derivatives:									
Credit default swaps	4,564	6,672	3,518	3,346	1,253	3,311	18,100	(4,683)	22,783
Interest rate swaps - non-hedged	(100,500)	4,122	41,500	62,527	(9,271)	(91,229)	7,649	20,358	(12,709)
Interest rate swaps - hedged	_	_	_	_	_	_	_	7	(7)
Foreign currency swaps - hedged (1)	5,766	1,606	(2,395)	(4,562)	2,983	2,783	415	848	(433)
Futures	(9,957)	(11,677)	(7,557)	(11,051)	(6,822)	(3,135)	(40,242)	319	(40,561)
CPI swaps	223	76	(520)	(180)	(55)	278	(401)	(208)	(193)
Equity options	(8,694)	(13,648)	(3,225)	(2,703)	(21,376)	12,682	(28,270)	(16,899)	(11,371)
Currency forwards	(4,954)	507	3,577	2,500	(214)	(4,740)	1,630	(1,160)	2,790
Bond forwards	(225)	116	(1,010)	841	(911)	686	(278)	354	(632)
Interest rate options	_	_	_	_	_	_	_	3,276	(3,276)
Total free-standing derivatives	(113,777)	(12,226)	33,888	50,718	(34,413)	(79,364)	(41,397)	2,212	(43,609)
Embedded derivatives:									
Modified coinsurance and funds withheld treaties	20,374	49,078	76,966	(92,249)	(27,201)	47,575	54,169	(98,793)	152,962
GMXB	90,923	7,988	(28,137)	(62,940)	36,437	54,486	7,834	(33,191)	41,025
Total embedded derivatives	111,297	57,066	48,829	(155,189)	9,236	102,061	62,003	(131,984)	193,987
Net gain (loss) on total derivatives	(2,480)	44,840	82,717	(104,471)	(25,177)	22,697	20,606	(129,772)	150,378
Total investment related gains (losses), net	\$ 10,193	\$ 86,624	\$ 118,264	\$(120,886)	\$ (44,809)	\$ 55,002	\$ 94,195	\$(164,750)	\$ 258,945

<sup>(1)</sup> The Company recognizes gains and losses on derivatives and the related hedged items in fair value hedges within net gains (losses) on total derivatives.



# **Appendix**

Reconciliations of GAAP Income Statements to Operating Income Statements

RGA Quarterly Financial Supplement

# Reinsurance Group of America, Incorporated Reconciliation of GAAP Income Statements to Operating Income Statements (USD thousands)

		Thr	ee Months Er	nded	Current Qtr		;		
	Dec. 31, 2016	Sept. 30, 2016	June 30, 2016	March 31, 2016	Dec. 31, 2015	vs. PY Quarter	Dec. 31, 2016	Dec. 31, 2015	Change
U.S. & Latin America Traditional  Income before income taxes	\$ 131,492	\$ 77,081	\$111,430	\$ 51,098	\$ 79,483	\$ 52,009	\$371,101	\$235,771	\$135,330
Investment and derivative gains (losses) - non-operating (1) Change in value of modified coinsurance and	(336)	(69)	1	65	203	(539)	(339)	201	(540)
funds withheld embedded derivatives (1)	(1,811)	3,463	881	2,035	(696)	(1,115)	4,568	(2,507)	7,075
Operating income before income taxes	\$ 129,345	\$ 80,475	\$112,312	\$ 53,198	\$ 78,990	\$ 50,355	\$375,330	\$233,465	\$141,865
U.S. & Latin America Asset Intensive									
Income (loss) before income taxes	\$ 72,261	\$ 88,732	\$ 93,979	\$ (30,830)	\$ 30,874	\$ 41,387	\$224,142	\$152,946	\$ 71,196
Investment and derivative gains (losses) - non-operating (1)	103,778	867	(27,119)	(24,603)	39,757	64,021	52,923	(16,009)	68,932
Change in value of modified coinsurance and									
funds withheld embedded	(10.563)	(50.541)	(77.047)	00.214	27.007	(46.460)	(50.727)	101 200	(1.60.027)
derivatives (1) GMXB embedded derivatives (1)	(18,563) (90,923)	(52,541) (7,988)	(77,847) 28,137	90,214 62,940	27,897 (36,437)	(46,460) (54,486)	(58,737) (7,834)	101,300 33,191	(160,037) (41,025)
Funds withheld gains (losses) - investment income	(7,516)	(2,295)	(10,304)	(4,624)	59	(7,575)	(24,739)	(10,059)	(14,680)
EIA embedded derivatives - interest credited	(39,964)	42	(17,364)	29,149	(1,412)	(38,552)	(28,137)	(12,582)	(15,555)
DAC offset, net	27,625	31,876	64,841	(76,978)	(13,142)	40,767	47,364	(49,225)	96,589
Operating income before income taxes	\$ 46,698	\$ 58,693	\$ 54,323	\$ 45,268	\$ 47,596	\$ (898)	\$204,982	\$199,562	\$ 5,420
U.S. & Latin America Financial Reinsur	ance								
Income before income taxes	\$ 14,447	\$ 13,982	\$ 14,875	\$ 15,934	\$ 15,936	\$ (1,489)	\$ 59,238	\$ 55,017	\$ 4,221
Operating income before income taxes	\$ 14,447	\$ 13,982	\$ 14,875	\$ 15,934	\$ 15,936	\$ (1,489)	\$ 59,238	\$ 55,017	\$ 4,221
Total U.S. & Latin America									
Income before income taxes	\$ 218,200	\$179,795	\$220,284	\$ 36.202	\$126,293	\$ 91,907	\$654,481	\$443,734	\$210,747
Investment and derivative gains (losses) - non-operating (1)	103,442	798	(27,118)	(24,538)	39,960	63,482	52,584	(15,808)	68,392
Change in value of modified coinsurance and	,		(=,,==,)	(= 1,000)	27,523	,		(12,220)	,
funds withheld embedded derivatives (1)	(20,374)	(49,078)	(76,966)	92,249	27,201	(47,575)	(54,169)	98,793	(152,962)
GMXB embedded derivatives (1)	(90,923)	(7,988)	28,137	62,940	(36,437)	(54,486)	(7,834)	33,191	(41,025)
Funds withheld gains (losses) - investment income	(7,516)	(2,295)	(10,304)	(4,624)	59	(7,575)	(24,739)	(10,059)	(14,680)
EIA embedded derivatives - interest credited	(39,964)	42	(17,364)	29,149	(1,412)	(38,552)	(28,137)	(12,582)	(15,555)
DAC offset, net	27,625	31,876	64,841	(76,978)	(13,142)	40,767	47,364	(49,225)	96,589
Operating income before income taxes	\$ 190,490	\$ 153,150	\$181,510	\$114,400	\$142,522	\$ 47,968	\$639,550	\$488,044	\$151,506

<sup>(1)</sup> Included in "Investment related gains (losses), net" on Consolidated GAAP Income Statement.

# Reinsurance Group of America, Incorporated Reconciliation of GAAP Income Statements to Operating Income Statements (USD thousands)

		The	ee Months En	dad		Current Otr		Year-to-Date	
		1111	ee Monuis En	March	Qu				
	Dec. 31,	Sept. 30,	June 30,	31,	Dec. 31,	vs. PY	Dec. 31,	Dec. 31,	
	2016	2016	2016	2016	2015	Quarter	2016	2015	Change
Canada Traditional									
Income before income taxes	\$ 37,026	\$ 34,275	\$ 43,309	\$ 20,095	\$ 44,640	\$ (7,614)	\$134,705	\$124,175	\$ 10,530
Investment and derivative gains (losses) - non-operating (1)	(1,550)	(2,624)	(1,049)	(372)	259	(1,809)	(5,595)	5,947	(11,542)
Funds withheld gains (losses) - investment income	(722)	(1,027)	(1,353)	(359)	187	(909)	(3,461)	(6,311)	2,850
Operating income before income taxes	\$ 34,754	\$ 30,624	\$ 40,907	\$ 19,364	\$ 45,086	\$ (10,332)	\$125,649	\$123,811	\$ 1,838
Canada Financial Solutions									
Income before income taxes	\$ 4,065	\$ 1,160	\$ 2,128	\$ 592	\$ 3,420	\$ 645	\$ 7,945	\$ 13,902	\$ (5,957)
Operating income before income taxes	\$ 4,065	\$ 1,160	\$ 2,128	\$ 592	\$ 3,420	\$ 645	\$ 7,945	\$ 13,902	\$ (5,957)
Europe, Middle East and Africa Traditio	<u>nal</u>								
Income (loss) before income taxes	\$ 15,826	\$ 8,515	\$ 6,834	\$ (1,116)	\$ 12,859	\$ 2,967	\$ 30,059	\$ 48,410	\$ (18,351)
Investment and derivative gains (losses) - non-operating (1)				(5)			(5)	(338)	333
Operating income (loss) before income taxes	\$ 15,826	\$ 8,515	\$ 6,834	\$ (1,121)	\$ 12,859	\$ 2,967	\$ 30,054	\$ 48,072	\$ (18,018)
Europe, Middle East and Africa Financia	l Solutions								
Income before income taxes	\$ 41,328	\$ 43,786	\$ 27,469	\$ 25,424	\$ 28,145	\$ 13,183	\$138,007	\$108,445	\$ 29,562
Investment and derivative gains (losses) - non-operating (1)	(4,914)	(8,159)	(1,468)	1,004	(9,261)	4,347	(13,537)	(10,170)	(3,367)
Investment income on unit-linked variable annuities	(4,217)	(5,540)	(2,966)	(408)	_	(4,217)	(13,131)	_	(13,131)
Interest credited on unit-linked variable annuities	4,217	5,540	2,966	408	_	4,217	13,131	_	13,131
Non-investment derivatives	314	(1,682)	127	(817)	(105)	419	(2,058)	(189)	(1,869)
Operating income before income taxes	\$ 36,728	\$ 33,945	\$ 26,128	\$ 25,611	\$ 18,779	\$ 17,949	\$122,412	\$ 98,086	\$ 24,326
Asia Pacific Traditional									
Income before income taxes	\$ 18,464	\$ 19,822	\$ 34,482	\$ 41,160	\$ 37,415	\$ (18,951)	\$113,928	\$105,654	\$ 8,274
Investment and derivative gains (losses) - non-operating (1)	_	_	_	(16)	(1,706)	1,706	(16)	_	(16)
Operating income before income taxes	\$ 18,464	\$ 19,822	\$ 34,482	\$ 41,144	\$ 35,709	\$ (17,245)	\$113,912	\$105,654	\$ 8,258
Asia Pacific Financial Solutions						-			
Income (loss) before income taxes	\$ (11,966)	\$ 7,549	\$ (73)	\$ 8,553	\$ 5,467	\$ (17,433)	\$ 4,063	\$ 19,619	\$ (15,556)
Investment and derivative gains (losses) - non-operating (1)	5,846	(5,283)	(5,925)	(1,111)	(17)	5,863	(6,473)	2,899	(9,372)
Operating income (loss) before income taxes	\$ (6,120)	\$ 2,266	\$ (5,998)	\$ 7,442	\$ 5,450	\$ (11,570)	\$ (2,410)	\$ 22,518	\$ (24,928)

<sup>(1)</sup> Included in "Investment related gains (losses), net" on Consolidated GAAP Income Statement.

## Reinsurance Group of America, Incorporated Reconciliation of GAAP Income Statements to Operating Income Statements (USD thousands)

		Thi	ree Months Ei	nded	Current Otr		Year-to-Date			
		1111	icc Mondis Ei			Qu	1 cm-10-15ac			
	Dec. 31, 2016	Sept. 30, 2016	June 30, 2016	March 31, 2016	Dec. 31, 2015	vs. PY Quarter	Dec. 31, 2016	Dec. 31, 2015	Change	
Corporate and Other Segment										
Income (loss) before income taxes	\$ (27,400)	\$ (7,302)	\$ 18,790	\$ (23,330)	\$ (51,496)	\$ 24,096	\$ (39,242)	\$(119,144)	\$ 79,902	
Investment and derivative gains (losses) - non-operating (1)	1,120	(11,690)	(31,540)	(6,930)	34,799	(33,679)	(49,040)	67,056	(116,096)	
Non-investment derivatives	(25)	(23)	(17)	(14)	(15)	(10)	(79)	71	(150)	
Operating income (loss) before income taxes	\$ (26,305)	\$ (19,015)	\$ (12,767)	\$ (30,274)	\$ (16,712)	\$ (9,593)	\$ (88,361)	\$ (52,017)	\$ (36,344)	
<b>Consolidated</b>										
Income before income taxes	\$295,543	\$287,600	\$353,223	\$107,580	\$206,743	\$ 88,800	\$1,043,946	\$ 744,795	\$299,151	
Investment and derivative gains (losses) - non-operating (1)	103,944	(26,958)	(67,100)	(31,968)	64,034	39,910	(22,082)	49,586	(71,668)	
Change in value of modified coinsurance and										
funds withheld embedded derivatives (1)	(20,374)	(49,078)	(76,966)	92,249	27,201	(47,575)	(54,169)	98,793	(152,962)	
GMXB embedded derivatives (1)	(90,923)	(7,988)	28,137	62,940	(36,437)	(54,486)	(7,834)	33,191	(41,025)	
Funds withheld gains (losses) - investment income	(8,238)	(3,322)	(11,657)	(4,983)	246	(8,484)	(28,200)	(16,370)	(11,830)	
EIA embedded derivatives - interest credited	(39,964)	42	(17,364)	29,149	(1,412)	(38,552)	(28,137)	(12,582)	(15,555)	
DAC offset, net	27,625	31,876	64,841	(76,978)	(13,142)	40,767	47,364	(49,225)	96,589	
Investment income on unit-linked variable annuities	(4,217)	(5,540)	(2,966)	(408)	_	(4,217)	(13,131)	_	(13,131)	
Interest credited on unit-linked variable annuities	4,217	5,540	2,966	408	_	4,217	13,131	_	13,131	
Non-investment derivatives	289	(1,705)	110	(831)	(120)	409	(2,137)	(118)	(2,019)	
Operating income before income taxes	\$267,902	\$230,467	\$273,224	\$177,158	\$247,113	\$ 20,789	\$ 948,751	\$ 848,070	\$100,681	

<sup>(1)</sup> Included in "Investment related gains (losses), net" on Consolidated GAAP Income Statement.