

WHITE MOUNTAINS INSURANCE GROUP LTD
Form 10-Q
November 02, 2016
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the period ended September 30, 2016

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 1-8993

WHITE MOUNTAINS INSURANCE GROUP, LTD.
(Exact name of Registrant as specified in its charter)

Bermuda (State or other jurisdiction of incorporation or organization)	94-2708455 (I.R.S. Employer Identification No.)
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80 South Main Street, Hanover, New Hampshire (Address of principal executive offices)	03755-2053 (Zip Code)
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Registrant's telephone number, including area code: (603) 640-2200

Indicate by check mark whether the Registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months, and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the Registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months. Yes No

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company

Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).
Yes No

As of October 31, 2016, 4,565,240 common shares with a par value of \$1.00 per share were outstanding (which includes 70,619 restricted common shares that were not vested at such date).

WHITE MOUNTAINS INSURANCE GROUP, LTD.

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Part I. FINANCIAL INFORMATION.

Item 1. Financial Statements

WHITE MOUNTAINS INSURANCE GROUP, LTD.
CONSOLIDATED BALANCE SHEETS

(Millions, except share amounts)	September 30, 2016	December 31, 2015
Assets	Unaudited	
Fixed maturity investments, at fair value	\$ 4,131.5	\$ 2,630.2
Short-term investments, at amortized cost (which approximates fair value)	305.6	211.2
Common equity securities, at fair value	425.0	1,113.9
Other long-term investments	351.4	315.8
Total investments	5,213.5	4,271.1
Cash (restricted: \$0.0 and \$5.8)	244.7	173.0
Reinsurance recoverable on unpaid losses	169.4	186.0
Reinsurance recoverable on paid losses	16.4	7.5
Insurance premiums receivable	264.6	220.3
Deferred acquisition costs	109.6	107.6
Deferred tax asset	119.5	112.8
Ceded unearned insurance premiums	35.1	29.5
Accrued investment income	18.9	13.9
Accounts receivable on unsettled investment sales	179.0	41.9
Goodwill and other intangible assets	59.3	55.4
Other assets	226.3	273.2
Assets held for sale	27.0	4,790.4
Total assets	\$ 6,683.3	\$ 10,282.6
Liabilities		
Loss and loss adjustment expense reserves	\$ 1,362.0	\$ 1,389.8
Unearned insurance premiums	674.1	610.5
Debt	288.5	337.6
Accrued incentive compensation	124.2	140.7
Ceded reinsurance payable	28.2	29.9
Funds held under insurance contracts	156.2	137.8
Accounts payable on unsettled investment purchases	30.0	—
Other liabilities	210.9	220.9
Liabilities held for sale	7.8	3,047.4
Total liabilities	2,881.9	5,914.6
Equity		
White Mountains's common shareholders' equity		
White Mountains's common shares at \$1 par value per share - authorized 50,000,000 shares;		
issued and outstanding 4,578,698 and 5,623,735 shares	4.6	5.6
Paid-in surplus	805.2	972.6
Retained earnings	2,846.7	3,084.9
Accumulated other comprehensive loss, after tax:		
Net unrealized foreign currency translation losses	(0.6)	(145.6)
Pension liability and other	(3.7)	(4.3)
Total White Mountains's common shareholders' equity	3,652.2	3,913.2
Non-controlling interests	149.2	454.8
Total equity	3,801.4	4,368.0
Total liabilities and equity	\$ 6,683.3	\$ 10,282.6

See Notes to Consolidated Financial Statements

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WHITE MOUNTAINS INSURANCE GROUP, LTD.
CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME (LOSS)

Unaudited

	Three Months Ended September 30,		Nine Months Ended September 30,	
(Millions, except per share amounts)	2016	2015	2016	2015
Revenues:				
Earned insurance premiums	\$281.3	\$284.9	\$838.1	\$896.0
Net investment income	22.5	16.8	59.6	42.6
Net realized and unrealized investment gains (losses)	26.4	(43.9)	84.0	(33.9)
Other revenue	34.8	38.3	110.8	114.4
Total revenues	365.0	296.1	1,092.5	1,019.1
Expenses:				
Loss and loss adjustment expenses	165.0	170.0	508.1	534.1
Insurance acquisition expenses	56.4	55.3	159.2	166.1
Other underwriting expenses	49.6	56.5	156.0	165.5
General and administrative expenses	70.2	97.3	230.4	231.6
Interest expense	3.8	3.9	12.4	10.8
Total expenses	345.0	383.0	1,066.1	1,108.1
Pre-tax income (loss) from continuing operations	20.0	(86.9)	26.4	(89.0)
Income tax benefit (expense)	6.7	1.6	22.4	(.8)
Net income (loss) from continuing operations	26.7	(85.3)	48.8	(89.8)
Gain from sale of Tranzact, net of tax	51.9	—	51.9	—
(Loss) gain from sale of Sirius Group, net of tax	(4.0)	—	362.6	—
Gain from sale of other discontinued operations, net of tax	—	10.3	—	18.2
Net income (loss) from discontinued operations, net of tax	14.0	(3.8)	7.1	59.1
Income (loss) before equity in earnings of unconsolidated affiliates	88.6	(78.8)	470.4	(12.5)
Equity in earnings of unconsolidated affiliates, net of tax	—	3.9	—	18.0
Net income (loss)	88.6	(74.9)	470.4	5.5
Net loss (income) attributable to non-controlling interests	3.1	16.0	(24.6)	24.2
Net income (loss) attributable to White Mountains's common shareholders	91.7	(58.9)	445.8	29.7
Other comprehensive income (loss), net of tax:				
Change in equity in net unrealized gains (losses) from investments in Symetra common shares, net of tax	—	3.5	—	(29.4)
Change in foreign currency translation, pension liability and other, net of tax	.2	.1	.3	.3
Change in foreign currency translation and other from discontinued operations, net of tax	—	(18.5)	32.0	(62.1)
Recognition of foreign currency translation and other from sale of Sirius Group, net of tax	—	—	113.3	—

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Comprehensive income (loss)	91.9	(73.8)	591.4	(61.5)
Other comprehensive income (loss) attributable to non-controlling interests	.1	(.1)	.1	(.1)
Comprehensive income (loss) attributable to White Mountains's common shareholders	\$92.0	\$(73.9)	\$591.5	\$(61.6)
Income (loss) per share attributable to White Mountains's common shareholders				
Basic income (loss) per share				
Continuing operations	\$6.12	\$(11.10)	\$4.67	\$(8.01)
Discontinued operations	12.72	1.09	81.60	12.98
Total consolidated operations	\$18.84	\$(10.01)	\$86.27	\$4.97
Diluted income (loss) per share				
Continuing operations	\$6.11	\$(11.10)	\$4.66	\$(8.01)
Discontinued operations	12.69	1.09	81.47	12.98
Total consolidated operations	\$18.80	\$(10.01)	\$86.13	\$4.97
Dividends declared per White Mountains's common share	\$—	\$—	\$1.00	\$1.00
See Notes to Consolidated Financial Statements				

WHITE MOUNTAINS INSURANCE GROUP, LTD.
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

Unaudited

(Millions)	White Mountains's Common Shareholders' Equity					
	Common shares and paid-in surplus	Retained earnings	AOCI, after tax	Total	Non-controlling interest	Total Equity
Balance at January 1, 2016	\$ 978.2	\$ 3,084.9	\$ (149.9)	\$ 3,913.2	\$ 454.8	\$ 4,368.0
Net income	—	445.8	—	445.8	24.6	470.4
Net change in foreign currency translation	—	—	32.0	32.0	—	32.0
Net change in pension liability and other accumulated comprehensive items	—	—	.3	.3	.1	.4
Recognition of foreign currency translation and other accumulated comprehensive items from the sale of Sirius Group	—	—	113.3	113.3	—	113.3
Total comprehensive income	—	445.8	145.6	591.4	24.7	616.1
Dividends declared on common shares	—	(5.4)	—	(5.4)	—	(5.4)
Dividends to non-controlling interests	—	—	—	—	(17.4)	(17.4)
Repurchases and retirements of common shares	(188.1)	(678.6)	—	(866.7)	—	(866.7)
Issuances of common shares	9.1	—	—	9.1	—	9.1
Deconsolidation of non-controlling interests associated with the sale of Sirius Group	—	—	—	—	(250.0)	(250.0)
Deconsolidation of non-controlling interests associated with the sale of Tranzact	—	—	—	—	(78.4)	(78.4)
Acquisition of subsidiary	—	—	—	—	3.4	3.4
Acquisition from non-controlling interests - OneBeacon	(2.7)	—	—	(2.7)	(8.8)	(11.5)
Issuance of shares to non-controlling interests	—	—	—	—	.3	.3
Net contributions from non-controlling interests	—	—	—	—	20.1	20.1
Amortization of restricted share awards	13.3	—	—	13.3	.5	13.8
Balance at September 30, 2016	\$ 809.8	\$ 2,846.7	\$ (4.3)	\$ 3,652.2	\$ 149.2	\$ 3,801.4

(Millions)	White Mountains's Common Shareholders' Equity					
	Common shares and paid-in surplus	Retained earnings	AOCI, after tax	Total	Non-controlling interest	Total Equity
Balance at January 1, 2015	\$ 1,034.7	\$ 3,010.5	\$ (49.5)	\$ 3,995.7	\$ 542.7	\$ 4,538.4
Net income (loss)	—	29.7	—	29.7	(24.2)	5.5

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Net change in unrealized losses from investments in unconsolidated affiliates	—	—	(29.4)	(29.4)	—	(29.4)
Net change in foreign currency translation	—	—	(62.6)	(62.6)	—	(62.6)
Net change in pension liability and other accumulated comprehensive items	—	—	.7	.7	.1	.8
Total comprehensive income (loss)	—	29.7	(91.3)	(61.6)	(24.1)	(85.7)
Dividends declared on common shares	—	(6.0)	—	(6.0)	—	(6.0)
Dividends to non-controlling interests	—	—	—	—	(35.4)	(35.4)
Repurchases and retirements of common shares	(46.0)	(145.9)	—	(191.9)	—	(191.9)
Issuances of common shares	.9	—	—	.9	—	.9
Redemption of Prospector Offshore Fund	—	—	—	—	(31.5)	(31.5)
Acquisition from non-controlling interests - Other	(2.2)	—	—	(2.2)	(2.7)	(4.9)
Net contributions from non-controlling interests	—	—	—	—	12.1	12.1
Amortization of restricted share awards	10.6	—	—	10.6	(.3)	10.3
Balance at September 30, 2015	\$ 998.0	\$ 2,888.3	\$ (140.8)	\$ 3,745.5	\$ 460.8	\$ 4,206.3
See Notes to Consolidated Financial Statements						

WHITE MOUNTAINS INSURANCE GROUP, LTD.
CONSOLIDATED STATEMENTS OF CASH FLOWS

	Nine Months Ended September 30,	
(Millions)	2016	2015
	Unaudited	Unaudited
Cash flows from operations:		
Net income	\$470.4	\$ 5.5
Charges (credits) to reconcile net income to net cash used for operations:		
Net realized and unrealized investment (gains) losses	(84.0)	33.9
Deferred income tax expense (benefit)	12.5	(20.2)
Net income from discontinued operations	(7.1)	(59.1)
Net gain on sale of discontinued operations	(414.5)	(18.2)
Net gain on sale of unconsolidated affiliates and consolidated subsidiaries	(.5)	(16.1)
Amortization and depreciation	34.7	31.8
Undistributed equity in earnings from unconsolidated affiliates, net of tax	—	(18.0)
Other operating items:		
Net change in loss and loss adjustment expense reserves	(27.8)	83.3
Net change in reinsurance recoverable on paid and unpaid losses	7.6	(63.3)
Net change in unearned insurance premiums	63.0	54.6
Net change in deferred acquisition costs	(2.0)	(3.6)
Net change in funds held by ceding entities	—	32.5
Net change in ceded unearned premiums	(5.6)	(23.5)
Net change in funds held under insurance treaties	18.4	19.3
Net change in insurance premiums receivable	(43.3)	(32.0)
Net change in ceded reinsurance payable	(2.8)	12.4
Net change in restricted cash	5.8	6.9
Net change in other assets and liabilities, net	(150.9)	38.4
Net cash (used for) provided from operations - continuing operations	(126.1)	64.6
Net cash (used for) provided from operations - discontinued operations	(16.2)	22.7
Net cash (used for) provided from operations	(142.3)	87.3
Cash flows from investing activities:		
Net change in short-term investments	(88.7)	26.6
Sales of fixed maturity and convertible investments	2,433.4	865.0
Maturities, calls and paydowns of fixed maturity and convertible investments	530.3	249.5
Sales of common equity securities	961.1	370.6
Distributions and redemptions of other long-term investments	19.8	56.6
Sales of unconsolidated affiliates and consolidated subsidiaries, net of cash sold	2,657.2	24.0
Proceeds paid to non-controlling common shareholders from the sale of consolidated subsidiaries	(141.6)	—
Net settlement of investment cash flows and contributions with discontinued operations	(396.6)	17.5
Purchases of other long-term investments	(37.3)	(30.5)
Purchases of common equity securities	(249.7)	(329.4)
Purchases of fixed maturity and convertible investments	(4,435.0)	(1,300.2)
Purchases of unconsolidated affiliates and consolidated subsidiaries, net of cash acquired	(13.7)	(2.4)
Net change in unsettled investment purchases and sales	(107.1)	73.8
Net acquisitions of property and equipment	(3.2)	37.0
Net cash provided from investing activities - continuing operations	1,128.9	58.1
Net cash provided from investing activities - discontinued operations	213.3	2.8
Net cash provided from investing activities	1,342.2	60.9
Cash flows from financing activities:		

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Draw down of debt and revolving line of credit	352.5	98.5
Repayment of debt and revolving line of credit	(401.8)	(84.5)
Proceeds from issuances of common shares	3.7	—
Payments on capital lease obligation	(1.4)	(3.5)
Cash dividends paid to the Company's common shareholders	(5.4)	(6.0)
Cash dividends paid to OneBeacon Ltd.'s non-controlling common shareholders	(14.2)	(14.8)
Common shares repurchased	(861.0)	(168.6)
OneBeacon Ltd. common shares repurchased and retired	(11.5)	(1.7)
Distribution to non-controlling interest shareholders	(1.0)	(9.1)
Contributions to discontinued operations	(3.0)	(4.1)
Acquisition of additional shares from non-controlling interest	—	(9.1)
Payments of contingent consideration related to purchases of consolidated subsidiaries	(7.8)	—
Capital contributions from BAM members	28.2	20.3
Net cash used for financing activities - continuing operations	(922.7)	(182.6)
Net cash (used for) provided from financing activities - discontinued operations	(.2)	19.6
Net cash used for financing activities	(922.9)	(163.0)
Effect of exchange rate changes on cash (excludes \$0.0 and (\$4.1) related to discontinued operations)	—	—
Net change in cash during the period - continuing operations	80.1	(59.9)
Cash balances at beginning of period (excludes restricted cash balances of \$5.8 and \$23.7 and discontinued operations cash balances of \$150.1 and \$116.6)	167.2	232.9
Add: cash held for sale at the beginning of period	1.2	2.1
Less: cash held for sale at the end of period	3.8	2.1
Cash balances at end of period (excludes restricted cash balances of \$0.0 and \$16.8 and discontinued operations cash balances of \$0.0 and \$157.6)	\$244.7	\$ 173.0
Supplemental cash flows information:		
Interest paid	\$(7.0)	\$(6.3)
Net income tax refund from national governments	\$13.5	\$ 8.0
See Notes to Consolidated Financial Statements		

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Note 1. Summary of Significant Accounting Policies

Basis of Presentation

These interim consolidated financial statements have been prepared in accordance with generally accepted accounting principles in the United States (“GAAP”) and include the accounts of White Mountains Insurance Group, Ltd. (the “Company” or the “Registrant”), its subsidiaries (collectively, with the Company, “White Mountains”) and other entities required to be consolidated under GAAP. The Company is an exempted Bermuda limited liability company whose principal businesses are conducted through its insurance and reinsurance subsidiaries and affiliates. The Company’s headquarters is located at 26 Reid Street, Hamilton, Bermuda HM 11, its principal executive office is located at 80 South Main Street, Hanover, New Hampshire 03755-2053 and its registered office is located at Clarendon House, 2 Church Street, Hamilton, Bermuda HM 11. White Mountains’s reportable segments are OneBeacon, HG Global/BAM and Other Operations. As discussed further in Note 2 - “Significant Transactions”, on April 18, 2016, White Mountains completed its sale of Sirius International Insurance Group, Ltd., and its subsidiaries (collectively, “Sirius Group”) to CM International Holding PTE Ltd. (“CMI”), the Singapore-based investment arm of China Minsheng Investment Corp., Ltd. (See Note 2 - “Significant Transactions”). On June 9, 2016, White Mountains entered into an agreement to sell Tranzact Holdings, LLC (“Tranzact”) to an affiliate of Clayton, Dubilier & Rice, LLC, which was completed on July 21, 2016. For the three and nine months ended September 30, 2016, Sirius Group and Tranzact have been presented as discontinued operations in the statement of operations and comprehensive income. Prior year amounts have been reclassified to conform to the current period’s presentation. The assets and liabilities of Sirius Group and Tranzact are classified as held for sale in the balance sheet as of December 31, 2015. (See Note 17 - “Held for Sale and Discontinued Operations”).

The OneBeacon segment consists of OneBeacon Insurance Group, Ltd. (“OneBeacon Ltd.”), an exempted Bermuda limited liability company that owns a family of property and casualty insurance companies (collectively, “OneBeacon”). OneBeacon is a specialty property and casualty insurance writer that offers a wide range of insurance products in the United States through independent agencies, regional and national brokers, wholesalers and managing general agencies. As of September 30, 2016 and December 31, 2015, White Mountains owned 76.1% and 75.5% of OneBeacon Ltd.’s outstanding common shares.

The HG Global/BAM segment consists of HG Global Ltd. (“HG Global”) and the consolidated results of Build America Mutual Assurance Company (“BAM”). BAM is a municipal bond insurer domiciled in New York that was established in 2012 to provide insurance on bonds issued to support essential U.S. public purposes such as schools, utilities, core governmental functions and existing transportation facilities. HG Global, together with its subsidiaries, provided the initial capitalization of BAM through the purchase of \$503.0 million of surplus notes issued by BAM (the “BAM Surplus Notes”). HG Global, through its wholly-owned subsidiary, HG Re Ltd. (“HG Re”), also provides 15%-of-par, first loss reinsurance protection for policies underwritten by BAM. As of September 30, 2016 and December 31, 2015, White Mountains owned 96.9% of HG Global’s preferred equity and 88.4% of its common equity. White Mountains does not have an ownership interest in BAM, which is a mutual insurance company owned by its members. However, GAAP requires White Mountains to consolidate BAM’s results in its financial statements. BAM’s results are attributed to non-controlling interests.

White Mountains’s Other Operations segment consists of the Company and its intermediate holding companies, its wholly-owned investment management subsidiary, White Mountains Advisors LLC (“WM Advisors”), White Mountains’s variable annuity reinsurance business, White Mountains Life Reinsurance (Bermuda) Ltd. (“Life Re Bermuda”), which completed its runoff with all of its contracts maturing by June 30, 2016, and its U.S.-based service provider, White Mountains Financial Services LLC (collectively, “WM Life Re”), and White Mountains’s ownership positions in QL Holdings, LLC (“MediaAlpha”) and Wobi Insurance Agency Ltd. (“Wobi”). On August 4, 2016, White Mountains acquired a 70.9% ownership share in Removal Stars Ltd (“Buzzmove”) for a purchase price of GBP 6.0 million (approximately \$8.0 million based upon the foreign exchange spot rate at the date of acquisition), which is included in the Other Operations segment at September 30, 2016. The Other Operations segment also includes Abiaka Holdings, LLC, Star & Shield Services LLC, Star & Shield Risk Management LLC (“SSRM”), and Star & Shield

Claims Services LLC (collectively “Star & Shield”). Star & Shield provides management services for a fee to Star & Shield Insurance Exchange (“SSIE”), a reciprocal that is owned by its members, who are policyholders. White Mountains holds surplus notes issued by SSIE (the “SSIE Surplus Notes”) but does not have an ownership interest in SSIE. However, because SSRM’s role as the attorney-in-fact to SSIE gives it the power to direct the significant economic activities of SSIE, White Mountains is required to consolidate SSIE in its GAAP financial statements. SSIE’s results do not affect White Mountains’s common shareholders’ equity as they are attributable to non-controlling interests. On August 19, 2016, White Mountains reached an agreement to sell Star & Shield and its investment in SSIE surplus notes to National General Holdings Corp. As a result, White Mountains has presented Star & Shield's and SSIE's assets and liabilities as held for sale as of September 30, 2016 and December 31, 2015.

All significant intercompany transactions have been eliminated in consolidation. Certain amounts in the prior period financial statements have been reclassified to conform to the current presentation. These interim financial statements include all adjustments considered necessary by management to fairly state the financial position, results of operations and cash flows of White Mountains. These interim financial statements may not be indicative of financial results for the full year and should be read in conjunction with the Company's 2015 Annual Report on Form 10-K.

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities as of the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Refer to the Company's 2015 Annual Report on Form 10-K for a complete discussion regarding White Mountains's significant accounting policies.

Recently Adopted Changes in Accounting Principles

Business Combinations - Measurement Period Adjustments

Effective January 1, 2016, White Mountains adopted ASU 2015-16, Simplifying the Accounting for Measurement-Period Adjustments, which requires adjustments to provisional amounts recorded in connection with a business combination that are identified during the measurement period to be recorded in the reporting period in which the adjustment amounts are determined, rather than as retroactive adjustments to prior periods. White Mountains has not recognized any adjustments to estimated purchase accounting amounts for the year to date period ended September 30, 2016 and accordingly, there was no effect to White Mountains's financial statements upon adoption.

Fair Value Measurements

On January 1, 2016, White Mountains adopted ASU 2015-07, Fair Value Measurement - Disclosures for Investments in Certain Entities that Calculate Net Asset Value per Share (or Its Equivalent) (ASC 820), which eliminates the requirement to disclose the fair value hierarchy level for investments for which fair value is measured at net asset value using the practical expedient in ASC 820. White Mountains measures the fair value of its investments in hedge funds and private equity funds using this practical expedient. Upon adoption, these fair value measurements are no longer classified within the fair value hierarchy. Prior year amounts have been modified to conform to the current year's disclosures.

Amendments to Consolidation Analysis

On January 1, 2016, White Mountains adopted ASU 2015-02, Amendments to the Consolidation Analysis (ASC 810) which amends the guidance for determining whether an entity is a variable interest entity ("VIE"). ASU 2015-02 eliminates the separate consolidation guidance for limited partnerships and, with it, the presumption that a general partner should consolidate a limited partnership. In addition, ASU 2015-02 changes the guidance for determining if fee arrangements qualify as variable interests and the effect fee arrangements have on the determination of the primary beneficiary. Adoption of ASU 2015-02 did not affect the consolidation analysis for any of White Mountains's investments.

Share-Based Compensation Awards

On January 1, 2016, White Mountains adopted ASU 2014-12, Share-Based Payments When the Terms of an Award Provide That a Performance Target Could Be Achieved after the Requisite Service Period (ASC 718). The new guidance requires that a performance target that affects vesting and that can be achieved after the requisite service period be treated as a performance condition. Compensation cost is to be recognized in the period when it becomes probable the performance target will be achieved in an amount equal to the compensation cost attributable to the periods for which service has been rendered. Adoption did not have a significant effect on White Mountains's financial position, results of operations, cash flows, presentation or disclosures.

Debt Issuance Costs

On January 1, 2016, White Mountains adopted ASU 2015-03, Imputation of Interest (ASC 835), which requires debt issuance costs to be presented as a deduction from the carrying amount of the related debt, consistent with the treatment required for debt discounts. The new guidance requires amortization of debt issuance costs to be classified within interest expense and also requires disclosure to the debt's effective interest rate. White Mountains has applied the guidance retrospectively and as a result has reclassified \$1.9 million of unamortized debt issuance costs from other assets to debt as of December 31, 2015, reflecting these amounts as a reduction from the related debt, and has modified its disclosures to include the required effective interest rate on its debt. As of September 30, 2016, the unamortized debt issuance costs included in debt is \$1.9 million.

Recently Issued Accounting Pronouncements

Short-Duration Contracts

In May 2015, the FASB issued ASU 2015-09, Disclosures about Short Duration Contracts (ASC 944), which requires expanded footnote disclosures about loss and loss adjustment expense (“LAE”) reserves. Under the new guidance, some disclosures currently presented outside of White Mountains’s financial statements, such as loss development tables and a reconciliation of loss development data to the loss and LAE reserves reflected on the balance sheet, will become part of the financial statement footnotes. In addition, the loss development tables required to be presented under the new ASU must be presented on a disaggregated basis by accident year rather than by reporting year as currently presented. Some of the expanded disclosures are new requirements, such as the disclosure of reserves for losses incurred but not reported (“IBNR”) plus expected development on reported claims, which must be presented by accident year on a disaggregated basis. The new guidance also requires new disclosures about claim frequency data together with descriptions of the approach used to measure that data. Qualitative descriptions of methodologies and assumptions used to develop IBNR estimates must be presented together with the amounts of IBNR to which they relate, along with a discussion of any significant changes in methodology and assumptions and the related effect upon the loss reserves. The new guidance will be effective for annual periods beginning after December 15, 2015 and interim periods within annual periods beginning after December 15, 2016 with retrospective restatement of prior periods required. White Mountains will modify its financial statement footnote disclosures to conform to the requirements of ASU 2015-09 upon adoption, including revisions to prior year’s disclosures.

Cash Flow Statement

In August 2016, the FASB issued ASU 2016-15, Statement of Cash Flows: Classification of Certain Cash Receipts and Cash Payments (ASC 230). The new guidance addresses the classification and presentation of certain items, including debt prepayment and extinguishment costs, contingent consideration payments made after a business combination and distributions received from equity method investees, for which there was diversity in practice. The updated guidance is effective for interim and annual reporting periods beginning after December 15, 2017, with early adoption permitted. White Mountains is evaluating the expected impact of this new guidance.

Credit Losses

In June 2016, the FASB issued ASU 2016-13, Measurement of Credit Losses on Financial Instruments (ASC 326), which establishes new guidance for the recognition of credit losses for financial assets measured at amortized cost. The new ASU, which applies to financial assets that have the contractual right to receive cash, including reinsurance receivables, requires reporting entities to estimate the credit losses expected over the life of a credit exposure using historical information, current information and reasonable and supportable forecasts that affect the collectability of the financial asset. ASU 2016-13 is effective for annual periods beginning after January 1, 2020, including interim periods. White Mountains is evaluating the expected impact of this new guidance.

Stock Compensation

In March 2016, the Board issued ASU 2016-09, Improvements to Employee Share-Based Payment Accounting (ASC 718) which is intended to simplify certain aspects of the accounting for share-based compensation. The new guidance provides an accounting policy election to account for forfeitures by either applying an assumption, as required under existing guidance, or by recognizing forfeitures when they actually occur. The new guidance is effective for annual periods beginning after December 15, 2016, and interim periods within those annual periods with early adoption permitted. White Mountains does not expect a significant effect upon adoption.

Leases

In February 2016, the FASB issued ASU 2016-02, Leases (ASC 842). The new guidance requires lessees to recognize lease assets and liabilities on the balance sheet for both operating and financing leases, with the exception of leases with an original term of 12 months or less. Under existing guidance recognition of lease assets and liabilities is not required for operating leases. The lease assets and liabilities to be recognized are both measured initially based on the present value of the lease payments. Under the new guidance, a sale-leaseback transaction must meet the recognition criteria under ASC 606, Revenues in order to be accounted for as sale. The new guidance is effective for White Mountains for years beginning after December 15, 2018, including interim periods therein. White Mountains is evaluating the expected impact of this new guidance and available adoption methods.

Financial Instruments - Recognition and Measurement

In January 2016, the FASB issued ASU 2016-01, Recognition and Measurement of Financial Assets and Financial Liabilities (ASC 825-10). The new guidance requires all equity securities with readily determinable fair values to be measured at fair value with changes therein recognized through current period earnings. In addition, the new ASU requires a qualitative assessment for equity investments without readily determinable fair values to identify impairment, and for impaired equity security investments to be measured at fair value. ASU 2016-01 is effective for fiscal years beginning after December 15, 2017, with early adoption permitted. White Mountains has taken the fair value election for its portfolio of equity security investments and, accordingly, does not expect the adoption of ASU 2016-01 to have a significant impact on its financial statements.

Revenue Recognition

In May 2014, the FASB issued ASU 2014-09, Revenue from Contracts with Customers (ASC 606), which modifies the guidance for revenue recognition. The scope of the new ASU excludes insurance contracts but is applicable to certain fee arrangements, such as third party investment management fees charged by White Mountains Advisors as well as commissions and other non-insurance revenues. In August 2015, the FASB issued ASU 2015-14, Revenue from Contracts with Customers (ASC 606), which delayed the effective date of ASU 2014-09 to annual and interim reporting periods beginning after December 15, 2017. White Mountains is in the process of evaluating the new guidance and has not yet determined the potential effect of adoption on its financial position, results of operations, or cash flows.

Note 2. Significant Transactions

Sale of Sirius Group

On April 18, 2016, White Mountains completed the sale of Sirius Group to CMI for approximately \$2.6 billion. \$161.8 million of this amount was used to purchase certain assets to be retained by White Mountains out of Sirius Group, including shares of OneBeacon. The amount paid at closing was based on an estimate of Sirius Group's closing date tangible common shareholder's equity. In the second quarter of 2016, White Mountains recorded \$366.6 million of gain from sale of Sirius Group in discontinued operations and \$113.3 million in other comprehensive income from discontinued operations. In the third quarter of 2016, White Mountains recorded a \$4.0 million reduction to the gain from sale of Sirius Group in discontinued operations as a result of the final true-up of Sirius Group's closing date tangible common shareholder's equity.

Through April 18, 2016, Sirius Group's results are reported as discontinued operations and assets and liabilities held for sale within White Mountains's GAAP financial statements. Assets held for sale do not include White Mountains's investment in OneBeacon and certain other investments that were held in the Sirius Group legal entities as of December 31, 2015. The value of these investments, net of related tax effects, was approximately \$686.2 million, of which \$528.6 million was Symetra common shares, as of December 31, 2015.

As part of the sale of Sirius Group, White Mountains purchased Ashmere Insurance Company ("Ashmere"), a subsidiary formerly owned by Sirius Group. Ashmere was under an agreement to be sold as of September 30, 2016 and the sale was completed on October 12, 2016. As of September 30, 2016, Ashmere's assets and liabilities are presented as held for sale.

The transactions to purchase the investments in OneBeacon and the other investments held by Sirius Group prior to the closing are presented in the statement of cash flows as net settlement of investment cash flows with discontinued operations.

Symetra

On February 1, 2016, White Mountains sold its investment in Symetra Financial Corporation (“Symetra”) for proceeds of \$658.0 million, or \$32.00 per share. (See Note 14 - “Investments in Unconsolidated Affiliates”).

OneBeacon Crop Business

On July 31, 2015, OneBeacon exited its multiple peril crop insurance (“MPCI”) and its related crop-hail business (collectively, “Crop Business”) as its exclusive managing general agency, Climate Crop Insurance Agency (“CCIA”), exited the business through a sale of the agency to an affiliate of AmTrust. As a result of the transaction, OneBeacon and CCIA agreed to an early termination of the existing five-year agreement. In connection with the termination of the agreement, OneBeacon received a payment of \$3.0 million. Also related to the transaction, OneBeacon withdrew its 2016 Plan of Operations, which previously authorized it to write MPCI for the 2016 Reinsurance Year, and affiliates of AmTrust agreed to reinsure the Company’s remaining net Crop Business exposure for the 2015 Reinsurance Year under a related 100% quota share reinsurance agreement which, coupled with other transfer and assignment agreements as well as communications with policyholders and agents, had the effect of assumption reinsurance. As a result of this transaction, the Company has no material net exposure related to the Crop Business.

Sale of Tranzact

On July 21, 2016, White Mountains completed the sale of Tranzact to Clayton, Dubilier & Rice, LLC and received net proceeds of \$221.3 million. In connection with the sale of Tranzact, the purchaser directly repaid \$56.3 million for the portion of Tranzact's debt attributable to White Mountains's common shareholders.

White Mountains recorded a \$51.9 million gain from the sale of Tranzact in discontinued operations, which included a \$30.2 million tax expense for the reversal of a tax valuation allowance that is offset by a tax benefit recorded in continuing operations. (See Note 8 - “Income Taxes”). The increase to White Mountains’s book value from the sale of Tranzact was \$82.1 million. A reconciliation of the gain reported in discontinued operations to the impact to White Mountains's book value is as follows:

Gain from sale of Tranzact reported in discontinued operations	\$51.9
Add back reclassification from continuing operations for the release of a tax valuation allowance	30.2
Increase to White Mountains book value from sale of Tranzact	\$82.1

Through July 21, 2016, Tranzact's results of operations are reported as discontinued operations and assets and liabilities held for sale within White Mountains's GAAP financial statements.

Wobi

On February 19, 2014, White Mountains acquired 54% of the outstanding common shares of Wobi for NIS 14.4 million (approximately \$4.1 million based upon the foreign exchange spot rate at the date of acquisition). During 2014, in addition to the common shares, White Mountains also purchased NIS 31.5 million (approximately \$9.0 million based upon the foreign exchange spot rate at the dates of acquisition) of newly-issued convertible preferred shares of Wobi. Wobi is the only price comparison/aggregation business in Israel, with an insurance carrier panel that represents 80% of the premiums written in the Israeli insurance market. Wobi sells four insurance lines of business, primarily personal auto, and operates as an agency, charging upfront commissions on all insurance policy sales. Wobi also offers a pension products comparison service for Israeli customers and is paid transaction fees when customers use the service to connect to companies that sell those pension products.

During the three months ended September 30, 2016, White Mountains purchased NIS 11.5 million (approximately \$3.1 million based upon the foreign exchange spot rate at the dates of acquisition) of convertible preferred shares of Wobi. During the nine months ended September 30, 2016, White Mountains purchased NIS 27.9 million (approximately \$7.5 million based upon the foreign exchange spot rates at the dates of acquisitions) of convertible preferred shares of Wobi, increasing its ownership share to 96.7% on a fully converted basis.

During 2015, Wobi acquired Tnuva Finansit Ltd. (“Cashboard”) in two transactions for a total of NIS 35.9 million (approximately \$8.9 million based upon the foreign exchange spot rate at the dates of acquisition). The acquisition of

Cashboard accelerated Wobi's development of its pension products comparison service. As of the acquisition date, Wobi recognized total assets acquired of \$5.5 million, including \$0.3 million of goodwill and \$2.8 million of other intangible assets and total liabilities assumed of \$1.2 million at their estimated acquisition date fair values.

Star & Shield

On January 31, 2014, White Mountains acquired certain assets and liabilities of Star & Shield Holdings LLC, including SSRM, the attorney-in-fact for SSIE, for a purchase price of \$1.8 million. SSIE is a Florida-domiciled reciprocal insurance exchange providing private passenger auto insurance to the public safety community and their families. White Mountains invested \$21.0 million of surplus notes issued by SSIE. Principal and interest on the surplus notes are payable to White Mountains only with approval from the Florida Office of Insurance Regulation. SSIE is a variable interest entity (“VIE”). As a result of SSRM’s role as the attorney-in-fact to SSIE and the investment in SSIE’s Surplus Notes, White Mountains is required to consolidate SSIE.

In response to the significant increases in both frequency and severity of accidents in the private passenger automobile insurance market in the State of Florida, SSIE voluntarily ceased writing new policies effective July 1, 2016 and will voluntarily cease renewing policies at a future date, subject to regulatory approval. On August 19, 2016, White Mountains reached an agreement to sell Star & Shield and its investment in SSIE surplus notes to National General Holdings Corp.

As a result, during the first nine months of 2016, White Mountains wrote off its investment in SSIE surplus notes. White Mountains consolidates the issuer of the surplus notes, Star & Shield Insurance Exchange and, accordingly the impact of the write down is eliminated in pre-tax income. However, the write down resulted in a \$21.0 million total decrease to net income attributable to White Mountains's common shareholders and a corresponding increase to net income attributable to non-controlling interests.

At September 30, 2016 and December 31, 2015, consolidated amounts included total assets of \$11.4 million and \$14.2 million and total liabilities of \$7.2 million and \$30.3 million, respectively, of SSIE. For the three months ended September 30, 2016 and 2015, SSIE had pre-tax income of \$0.4 million and pre-tax loss of \$0.8 million that were recorded in net gain (loss) attributable to non-controlling interests. For the nine months ended September 30, 2016 and 2015, SSIE had pre-tax income of \$20.3 million and pre-tax loss of \$0.9 million that were recorded in net gain (loss) attributable to non-controlling interests. The decrease in total liabilities and increase in pre-tax income in the current year is due to the \$21.0 million write down of the surplus notes at SSIE.

Note 3. Loss and Loss Adjustment Expense Reserves

The following table summarizes the loss and loss adjustment expense (“LAE”) reserve activities of White Mountains’s insurance and reinsurance subsidiaries for the three and nine months ended September 30, 2016 and 2015:

Millions	Three Months Ended		Nine Months Ended	
	September 30, 2016	September 30, 2015	September 30, 2016	September 30, 2015
Gross beginning balance	\$1,376.6	\$1,350.8	\$1,389.8	\$1,342.2
Less beginning reinsurance recoverable on unpaid losses	(162.8)	(147.1)	(186.0)	(161.6)
Net loss and LAE reserves	1,213.8	1,203.7	1,203.8	1,180.6
SSIE reserves held for sale at beginning of the period ⁽¹⁾	5.3	6.1	5.5	7.7
Loss and LAE incurred relating to:				
Current year losses	164.9	170.4	492.8	536.7
Prior year losses	0.1	(.4)	15.3	(2.6)
Total incurred losses and LAE	165.0	170.0	508.1	534.1
Loss and LAE paid relating to:				
Current year losses	(55.0)	(53.0)	(116.2)	(120.2)
Prior year losses	(131.1)	(108.1)	(403.2)	(383.5)
Total loss and LAE payments	(186.1)	(161.1)	(519.4)	(503.7)
SSIE reserves held for sale at end of the period ⁽¹⁾	(5.4)	(5.5)	(5.4)	(5.5)

Net ending balance	1,192.6	1,213.2	1,192.6	1,213.2
Plus ending reinsurance recoverable on unpaid losses	169.4	214.2	169.4	214.2
Gross ending balance	\$1,362.0	\$1,427.4	\$1,362.0	\$1,427.4

⁽¹⁾ See Note 17 - "Held for Sale and Discontinued Operations".

Loss and LAE incurred relating to prior year losses for the three and nine months ended September 30, 2016
For the three and nine months ended September 30, 2016, White Mountains experienced net unfavorable loss reserve development of \$0.1 million and \$15.3 million.

During the three months ended September 30, 2016, OneBeacon did not experience any net loss reserve development. During the nine months ended September 30, 2016, OneBeacon experienced \$15.4 million of net unfavorable loss reserve development, primarily related to OneBeacon's Healthcare business described below as well as Other Professional Lines and Programs businesses, partially offset by favorable loss reserve development in its Technology, Accident and Financial Services businesses.

During the second quarter of 2016, OneBeacon recognized \$20.0 million of unfavorable loss reserve development and also increased the current accident year provision related to its Healthcare business. Paid and incurred activity in the second quarter for extended care facilities coverage within OneBeacon's Healthcare business increased above expectations and above what was experienced in the first quarter of 2016. Extended care facilities coverage provides liability insurance for assisted living, memory care and continuing care facilities, among others. In addition, there were two large claims from the managed care errors and omissions coverage within OneBeacon's Healthcare business that contributed to the adverse loss reserve development.

For the three months ended September 30, 2016, SSIE had net unfavorable loss reserve development of \$0.1 million. For the nine months ended September 30, 2016, SSIE had net favorable loss reserve development of \$0.1 million.

Loss and LAE incurred relating to prior year losses for the three and nine months ended September 30, 2015
For the three and nine months ended September 30, 2015, White Mountains experienced net favorable loss reserve development of \$0.4 million and \$2.6 million.

During the three months ended September 30, 2015, OneBeacon experienced no net loss reserve development on prior accident year reserves. For the nine months ended September 30, 2015, OneBeacon had net favorable loss reserve development of \$1.8 million. For the three and nine months ended September 30, 2015, SSIE had net favorable loss reserve development of \$0.4 million and \$0.8 million.

Note 4. Third Party Reinsurance

In the normal course of business, White Mountains's insurance subsidiaries may seek to limit losses that may arise from catastrophes or other events by reinsuring with third party reinsurers. White Mountains remains liable for risks reinsured in the event that the reinsurer does not honor its obligations under reinsurance contracts.

OneBeacon

At September 30, 2016, OneBeacon had \$16.4 million and \$169.4 million of reinsurance recoverables on paid and unpaid losses. At December 31, 2015, OneBeacon had \$7.5 million and \$186.0 million of reinsurance recoverables on paid and unpaid losses. Reinsurance contracts do not relieve OneBeacon of its obligation to its policyholders.

OneBeacon is selective with its reinsurers, placing reinsurance with only those reinsurers having a strong financial condition. OneBeacon monitors the financial strength and ratings of its reinsurers on an ongoing basis. Uncollectible amounts related to the ongoing specialty business historically have not been significant.

In the first quarter of 2016, OneBeacon entered into a 50% quota share reinsurance agreement related to its Financial Institutions business.

Effective May 1, 2016, OneBeacon renewed its property catastrophe reinsurance program through April 30, 2017. The program provides coverage for OneBeacon's property business as well as certain acts of terrorism. Under the program, the first \$20.0 million of losses resulting from any single catastrophe are retained, with 100.0% of the next \$110.0 million of losses resulting from the catastrophe being reinsured. Any part of a catastrophe loss in excess of \$130.0 million would be retained in full. In the event of a catastrophe, OneBeacon's property catastrophe reinsurance program is reinstated for the remainder of the original contract term by paying a reinstatement premium that is based on the percentage of coverage reinstated and the original property catastrophe coverage premium.

Note 5. Investments

White Mountains's invested assets consist of investment securities and other long-term investments held for general investment purposes. The portfolio of investment securities includes fixed maturity investments, short-term investments, common equity securities, and other-long term investments which are all classified as trading securities. Trading securities are reported at fair value as of the balance sheet date. Realized and unrealized investment gains and losses on trading securities are reported in pre-tax revenues.

White Mountains's fixed maturity investments are generally valued using industry standard pricing methodologies. Key inputs include benchmark yields, benchmark securities, reported trades, issuer spreads, bids, offers, credit ratings and prepayment speeds. Income on mortgage-backed and asset-backed securities is recognized using an effective yield based on anticipated prepayments and the estimated economic life of the securities. When actual prepayments differ significantly from anticipated prepayments, the estimated economic life is recalculated and the remaining unamortized premium or discount is amortized prospectively over the remaining economic life.

Realized investment gains and losses resulting from sales of investment securities are accounted for using the specific identification method. Premiums and discounts on all fixed maturity investments are amortized or accreted to income over the anticipated life of the investment. Short-term investments consist of interest-bearing money market funds, certificates of deposit and other securities which, at the time of purchase, mature or become available for use within one year. Short-term investments are carried at amortized or accreted cost, which approximated fair value as of September 30, 2016 and December 31, 2015.

Other long-term investments consist primarily of hedge funds, private equity funds, direct investments in privately held common and convertible securities and the OneBeacon surplus notes.

Net Investment Income

White Mountains's net investment income is comprised primarily of interest income associated with White Mountains's fixed maturity investments, dividend income from its equity investments and interest income from its short-term investments.

Pre-tax net investment income for the three and nine months ended September 30, 2016 and 2015 consisted of the following:

Millions	Three Months Ended		Nine Months Ended	
	September 30, 2016	September 30, 2015	September 30, 2016	September 30, 2015
Investment income:				
Fixed maturity investments	\$21.3	\$13.7	\$53.7	\$38.5
Short-term investments	.2	—	.8	.1
Common equity securities	1.3	1.4	3.4	5.7
Other long-term investments	.1	2.0	3.5	2.9
Total investment income	22.9	17.1	61.4	47.2
Third-party investment expenses	(.4)	(.3)	(1.8)	(4.6)
Net investment income, pre-tax	\$22.5	\$16.8	\$59.6	\$42.6

Net Realized and Unrealized Investment Gains (Losses)

Net realized and unrealized investment gains (losses) consisted of the following:

Millions	Three Months Ended		Nine Months Ended	
	September 30, 2016	September 30, 2015	September 30, 2016	September 30, 2015
Net realized investment gains (losses), pre-tax	\$8.0	\$(7.4)	\$267.5	\$49.7
Net unrealized investment gains (losses), pre-tax	18.4	(36.5)	(183.5)	(83.6)
Net realized and unrealized investment gains (losses), pre-tax	26.4	(43.9)	84.0	(33.9)

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Income tax (expense) benefit attributable to net realized and unrealized investment gains (losses)	(5.4)	9.4	(23.8)	6.9
Net realized and unrealized investment gains (losses), after tax	\$21.0	\$(34.5)	\$60.2	\$(27.0)

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Net realized investment gains (losses)

Net realized investment gains (losses) for the three and nine months ended September 30, 2016 and 2015 consisted of the following:

Millions	Three Months Ended September 30, 2016			Three Months Ended September 30, 2015		
	Net realized gains (losses)	Net foreign currency gains (losses)	Total net realized gains (losses) reflected in earnings	Net realized losses	Net foreign currency gains (losses)	Total net realized losses reflected in earnings
Fixed maturity investments	\$2.8	\$ —	—\$ 2.8	\$(.1)	\$ —	—\$ (.1)
Short-term investments	.2	—	.2	—	—	—
Common equity securities	6.4	—	6.4	(5.9)	—	(5.9)
Other long-term investments	(1.4)	—	(1.4)	(1.4)	—	(1.4)
Net realized investment gains (losses), pre-tax	8.0	—	8.0	(7.4)	—	(7.4)
Income tax (expense) benefit attributable to net realized investment gains (losses)	(2.7)	—	(2.7)	1.5	—	1.5
Net realized investment gains (losses), after tax	\$5.3	\$ —	—\$ 5.3	\$(5.9)	\$ —	—\$ (5.9)
Millions	Nine Months Ended September 30, 2016			Nine Months Ended September 30, 2015		
	Net realized gains (losses)	Net foreign currency gains (losses)	Total net realized gains (losses) reflected in earnings	Net realized gains	Net foreign currency gains	Total net realized gains reflected in earnings
Fixed maturity investments	\$3.5	\$ —	—\$ 3.5	\$2.0	\$ —	\$ 2.0
Short-term investments	.4	—	.4	—	—	—
Common equity securities	267.7	—	267.7	41.6	.4	42.0
Other long-term investments	(4.1)	—	(4.1)	5.7	—	5.7
Net realized investment gains, pre-tax	267.5	—	267.5	49.3	.4	49.7
Income tax expense attributable to net realized investment gains	(46.0)	—	(46.0)	(15.7)	—	(15.7)
Net realized investment gains, after tax	\$221.5	\$ —	—\$ 221.5	\$33.6	\$.4	\$ 34.0

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Net unrealized investment gains (losses)

The following table summarizes net unrealized investment gains (losses) and changes in the carrying value of investments measured at fair value:

Millions	Three Months Ended September 30, 2016			Three Months Ended September 30, 2015		
	Net unrealized gains (losses)	Net foreign currency gains	Total net unrealized (losses) gains reflected in earnings	Net unrealized gains (losses)	Net foreign currency losses	Total net unrealized (losses) gains reflected in earnings
Fixed maturity investments	\$(4.4)	\$ —	\$ (4.4)	\$3.3	\$ —	\$ 3.3
Common equity securities	12.5	.2	12.7	(30.6)	(.2)	(30.8)
Other long-term investments	10.0	.1	10.1	(9.0)	—	(9.0)
Net unrealized investment gains (losses), pre-tax	18.1	.3	18.4	(36.3)	(.2)	(36.5)
Income tax (expense) benefit attributable to net unrealized investment gains (losses)	(2.7)	—	(2.7)	7.9	—	7.9
Net unrealized investment gains (losses), after tax	\$15.4	\$.3	\$ 15.7	\$(28.4)	\$(.2)	\$(28.6)

Millions	Nine Months Ended September 30, 2016			Nine Months Ended September 30, 2015		
	Net unrealized gains (losses)	Net foreign currency gains	Total net unrealized (losses) gains reflected in earnings	Net unrealized gains (losses)	Net foreign currency losses	Total net unrealized (losses) gains reflected in earnings
Fixed maturity investments	\$38.0	\$ —	\$ 38.0	\$1.3	\$ —	\$ 1.3
Common equity securities	(247.9)	2.6	(245.3)	(56.0)	(2.5)	(58.5)
Other long-term investments	23.5	.3	23.8	(25.6)	(.8)	(26.4)
Net unrealized investment (losses) gains, pre-tax	(186.4)	2.9	(183.5)	(80.3)	(3.3)	(83.6)
Income tax benefit attributable to net unrealized investment (losses)	22.2	—	22.2	22.6	—	22.6
Net unrealized investment (losses) gains, after tax	\$(164.2)	\$ 2.9	\$(161.3)	\$(57.7)	\$(3.3)	\$(61.0)

The following table summarizes the amount of total gains (losses) included in earnings attributable to unrealized investment gains (losses) for Level 3 investments for the three and nine months ended September 30, 2016 and 2015:

Millions	Three Months Ended September 30, 2016		Nine Months Ended September 30, 2015	
	2015	2016	2015	2016
Fixed maturity investments	\$.3	\$(1.0)	\$1.6	\$(.9)
Common equity securities	—	1.1	—	4.0
Other long-term investments	7.8	(6.8)	20.7	(6.6)
Total unrealized investment gains (losses), pre-tax - Level 3 investments	\$8.1	\$(6.7)	\$22.3	\$(3.5)

Investment Holdings

The cost or amortized cost, gross unrealized investment gains (losses), net foreign currency gains (losses), and carrying values of White Mountains's fixed maturity investments as of September 30, 2016 and December 31, 2015 were as follows:

Millions	September 30, 2016				
	Cost or amortized cost	Gross unrealized gains	Gross unrealized losses	Net foreign currency gains (losses)	Carrying value
U.S. Government and agency obligations	\$96.6	\$.4	\$ —	\$ —	—\$97.0
Debt securities issued by corporations	1,212.2	18.7	(1.5)	—	1,229.4
Municipal obligations	306.3	6.2	(.2)	—	312.3
Mortgage and asset-backed securities	2,406.6	9.6	(1.7)	—	2,414.5
Foreign government, agency and provincial obligations	1.0	.2	—	—	1.2
Preferred stocks	78.3	7.1	—	—	85.4
Total fixed maturity investments	\$4,101.0	\$ 42.2	\$ (3.4)	\$ —	—\$4,139.8
Less: fixed maturity investments reclassified to assets held for sale related to SSIE					8.3
Total fixed maturity investments					\$4,131.5

Millions	December 31, 2015				
	Cost or amortized cost	Gross unrealized gains	Gross unrealized losses	Net foreign currency gains (losses)	Carrying value
U.S. Government and agency obligations	\$160.4	\$ —	\$ (.4)	\$ —	—\$160.0
Debt securities issued by corporations	1,001.0	4.3	(5.3)	—	1,000.0
Municipal obligations	227.8	2.2	(1.2)	—	228.8
Mortgage and asset-backed securities	1,170.6	2.0	(5.6)	—	1,167.0
Foreign government, agency and provincial obligations	1.0	.2	—	—	1.2
Preferred stocks	78.3	4.4	—	—	82.7
Total fixed maturity investments	\$2,639.1	\$ 13.1	\$ (12.5)	\$ —	—\$2,639.7
Less: fixed maturity investments reclassified to assets held for sale related to SSIE					9.5
Total fixed maturity investments					\$2,630.2

The cost or amortized cost, gross unrealized investment gains (losses), net foreign currency gains (losses), and carrying values of White Mountains's common equity securities and other long-term investments as of September 30, 2016 and December 31, 2015 were as follows:

Millions	September 30, 2016				
	Cost or amortized cost	Gross unrealized gains	Gross unrealized losses	Net foreign currency gains (losses)	Carrying value
Common equity securities	\$378.9	\$ 50.7	\$ (4.6)	\$ —	\$ 425.0
Other long-term investments	\$317.1	\$ 42.7	\$ (6.4)	\$ (2.0)	\$ 351.4
Millions	December 31, 2015				
	Cost or amortized cost	Gross unrealized gains	Gross unrealized losses	Net foreign currency gains (losses)	Carrying value
Common equity securities	\$822.5	\$ 302.8	\$ (11.4)	\$ —	\$1,113.9

Other long-term investments \$304.5 \$ 32.0 \$ (18.4) \$ (2.3) \$315.8

Other Long-term Investments

Other long-term investments consist of the following as of September 30, 2016 and December 31, 2015:

Millions	Carrying Value at	
	September 30, 2016	December 31, 2015
Hedge funds and private equity funds, at fair value ⁽¹⁾	\$143.0	\$ 127.8
Private equity securities and limited liability companies, at fair value ⁽¹⁾	84.6	82.1
Surplus note investments, at fair value ⁽¹⁾	71.5	51.5
Private convertible preferred securities ⁽¹⁾	33.1	32.7
Tax advantaged federal affordable housing development fund ⁽²⁾	12.8	14.7
Partnership investments accounted for under the equity method	3.2	3.8
Other	3.2	3.2
Total other-long term investments	\$351.4	\$ 315.8

⁽¹⁾ See Fair Value Measurements by Level table.

⁽²⁾ Fund accounted for using the proportional amortization method.

Hedge Funds and Private Equity Funds

White Mountains holds investments in hedge funds and private equity funds, which are included in other long-term investments. The fair value of these investments are generally estimated using the net asset value of the funds. As of September 30, 2016, White Mountains held investments in 5 hedge funds and 24 private equity funds. The largest investment in a single fund was \$34.6 million as of September 30, 2016. The following table summarizes investments in hedge funds and private equity funds by investment objective and sector as of September 30, 2016 and December 31, 2015:

Millions	September 30, 2016		December 31, 2015	
	Fair Value	Unfunded Commitments	Fair Value	Unfunded Commitments
Hedge funds				
Long/short banks and financial	\$34.6	\$ —	\$12.8	\$ —
Long/short equity REIT	20.4	—	20.6	—
Other	3.4	—	3.6	—
Total hedge funds	58.4	—	37.0	—
Private equity funds				
Manufacturing/Industrial	27.7	21.8	24.9	2.5
Aerospace/Defense/Government	23.1	21.8	19.8	30.3
Energy infrastructure & services	14.2	3.2	20.7	3.4
Multi-sector	10.4	2.0	14.8	2.1
Healthcare	3.8	.4	3.8	.4
Private equity secondaries	3.7	2.1	4.4	2.1
Insurance	.8	41.3	2.0	41.3
Direct lending/Mezzanine debt	.6	36.9	—	—
Real estate	.3	.1	.4	.1
Total private equity funds	84.6	129.6	90.8	82.2
Total hedge funds and private equity funds included in other long-term investments	\$143.0	\$ 129.6	\$127.8	\$ 82.2

Redemption of investments in certain hedge funds is subject to restrictions including lock-up periods where no redemptions or withdrawals are allowed, restrictions on redemption frequency and advance notice periods for redemptions. Amounts requested for redemptions remain subject to market fluctuations until the redemption effective date, which generally falls at the end of the defined redemption period.

The following summarizes the September 30, 2016 fair value of hedge funds subject to restrictions on redemption frequency and advance notice period requirements for investments in active hedge funds:

Millions	Notice Period			Total
	30-59 days	60-89 days	90-119 days	
Redemption frequency	notice	notice	notice	
Monthly	\$—	\$ —	\$ —	\$—
Quarterly	35.6	—	—	35.6
Semi-annual	—	20.4	—	20.4
Annual	—	—	2.4	2.4
Total	\$35.6	\$ 20.4	\$ 2.4	\$58.4

Certain of White Mountains's investments in hedge funds are no longer active and are in the process of disposing of their underlying investments. Distributions from such funds are remitted to investors as the fund's underlying investments are liquidated. As of September 30, 2016, the fair value of hedge funds in liquidation was \$1.0 million. The actual amount of the final distribution remittances remain subject to market fluctuations. The date at which such remittances will be received is not determinable as of September 30, 2016.

White Mountains has also submitted redemption requests for certain of its investments in active hedge funds. As of September 30, 2016, redemptions of \$2.4 million are outstanding that would be subject to market fluctuations. The date at which such redemptions will be received is not determinable as of September 30, 2016. Redemptions are recorded as receivables when the investment is no longer subject to market fluctuations.

Investments in private equity funds are generally subject to a "lock-up" period during which investors may not request a redemption. Distributions prior to the expected termination date of the fund may be limited to dividends or proceeds arising from the liquidation of the fund's underlying investments. In addition, certain private equity funds provide an option to extend the lock-up period at either the sole discretion of the fund manager or upon agreement between the fund and the investors.

As of September 30, 2016, investments in private equity funds were subject to lock-up periods as follows:

Millions	1-3 years	3 – 5 years	5 – 10 years	>10 years	Total
Private Equity Funds — expected lock-up period remaining	\$23.5	\$3.8	\$56.3	\$1.0	\$84.6

OneBeacon Surplus Notes

In the fourth quarter of 2014, in conjunction with OneBeacon's sale of its runoff business to an affiliate of Armour Group Holdings Limited (the "OneBeacon Runoff Transaction"), OneBeacon provided financing in the form of surplus notes with a par value of \$101.0 million, which had a fair value of \$71.5 million and \$51.5 million as of September 30, 2016 and December 31, 2015, respectively. Subsequent to closing, the surplus notes are included in OneBeacon's investment portfolio, classified within other long-term investments.

The internal valuation model used to estimate the fair value is based on discounted expected cash flows. The estimated fair value of the surplus notes is sensitive to changes in U.S. treasury rates and public corporate debt credit spreads, as well as changes in estimates with respect to other variables including a discount to reflect the private nature of the notes (and the related lack of liquidity), the credit quality of the notes based on the financial performance of the Issuer relative to expectations, and the timing, amount, and likelihood of interest and principal payments on the notes, which are subject to regulatory approval and therefore may vary from the contractual terms. An interest payment of \$2.4 million was received in the nine months ended September 30, 2016. OneBeacon has assumed for valuation purposes that subsequent interest payments will begin in year five (2020) and principal repayments begin on a graduated basis in year ten (2025) for the seller priority note and year fifteen (2030) for the pari passu note. Although these variables involve considerable judgment, the Company does not currently expect any resulting changes in the estimated value of the surplus notes to be material to its financial position.

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Below is a table illustrating the valuation adjustments taken to arrive at estimated fair value of the surplus notes as of September 30, 2016 and December 31, 2015:

Millions	Type of Surplus Note	Total as of September 30, 2016	Total as of December 31, 2015
Par Value	Seller Pari Priority Passu	\$ 57.9	\$ 43.1
Fair value adjustments to reflect:			
Current market rates on public debt and contract-based repayments ⁽¹⁾		.8	(15.1)
Regulatory approval ⁽²⁾		(15.9)	(24.2)
Liquidity adjustment ⁽³⁾		(14.4)	(10.2)
Total adjustments		(29.5)	(49.5)
Fair value ⁽⁴⁾		\$ 71.5	\$ 51.5

Represents the value of the surplus notes, at current market yields on comparable publicly traded debt, and

(1) assuming issuer is allowed to make principal and interest payments when its financial capacity is available, as measured by statutory capital in excess of a 250% RBC score.

Represents anticipated timing of securing regulatory approvals for interest and principal payments to reflect

(2) graduated changes in Issuer's statutory surplus. The monetary impact of the anticipated timing is measured based on credit spreads of publicly traded debt with roughly equivalent percentages of discounted payments missed.

(3) Represents impact of liquidity spread to account for OneBeacon's sole ownership of the surplus notes, lack of a trading market and ongoing regulatory approval risk.

(4) The increase in the fair value of the surplus notes during the nine months ended September 30, 2016 was driven primarily by the narrowing of non-investment grade credit spreads as well as the time value of money benefit generated by moving nine months closer to modeled cash receipts, partially offset by the impact of an interest payment received in the first quarter of 2016.

Fair value measurements as of September 30, 2016

Fair value measurements are categorized into a hierarchy that distinguishes between inputs based on market data from independent sources ("observable inputs") and a reporting entity's internal assumptions based upon the best information available when external market data is limited or unavailable ("unobservable inputs"). Quoted prices in active markets for identical assets or liabilities have the highest priority ("Level 1"), followed by observable inputs other than quoted prices, including prices for similar but not identical assets or liabilities ("Level 2") and unobservable inputs, including the reporting entity's estimates of the assumptions that market participants would use, having the lowest priority ("Level 3").

White Mountains used quoted market prices or other observable inputs to determine fair value for 91% of its investment portfolio as of September 30, 2016. Investments valued using Level 1 inputs include fixed maturity investments, primarily investments in U.S. Treasuries, common equity securities and short-term investments, which include U.S. Treasury Bills. Investments valued using Level 2 inputs are primarily comprised of fixed maturity investments, which have been disaggregated into classes, including debt securities issued by corporations, municipal obligations, mortgage and asset-backed securities, foreign government, agency and provincial obligations and preferred stocks. Fair value estimates for investments that trade infrequently and have few or no observable market prices are classified as Level 3 measurements. Investments valued using Level 2 inputs also include certain ETFs that track U.S. stock indices such as the S&P 500 but are traded on foreign exchanges and that management values using the fund's published NAV to account for the difference in market close times. Level 3 fair value estimates based upon unobservable inputs include White Mountains's investments in surplus notes, as well as certain investments in fixed maturity investments, common equity securities and other long-term investments where quoted market prices are unavailable or are not considered reasonable. Transfers between levels are based on investments held as of the beginning of the period.

White Mountains uses brokers and outside pricing services to assist in determining fair values. For investments in active markets, White Mountains uses the quoted market prices provided by outside pricing services to determine fair

value. The outside pricing services White Mountains uses have indicated that they will only provide prices where observable inputs are available. In circumstances where quoted market prices are unavailable or are not considered reasonable, White Mountains estimates the fair value using industry standard pricing methodologies and observable inputs such as benchmark yields, reported trades, broker-dealer quotes, issuer spreads, benchmark securities, bids, offers, credit ratings, prepayment speeds, reference data including research publications and other relevant inputs. Given that many fixed maturity investments do not trade on a daily basis, the outside pricing services evaluate a wide range of fixed maturity investments by regularly drawing parallels from recent trades and quotes of comparable securities with similar features. The characteristics used to identify comparable fixed maturity investments vary by asset type and take into account market convention.

White Mountains's process to assess the reasonableness of the market prices obtained from the outside pricing sources covers substantially all of its fixed maturity investments and includes, but is not limited to, evaluation of pricing methodologies, and review of the pricing services' quality control processes and procedures on at least an annual basis, comparison of market prices to prices obtained from alternate independent pricing vendors on at least a semi-annual basis, monthly analytical reviews of certain prices and review of assumptions utilized by the pricing service for selected measurements on an ad hoc basis throughout the year. White Mountains also performs back-testing of selected sales activity to determine whether there are any significant differences between the market price used to value the security prior to sale and the actual sale price on an ad-hoc basis throughout the year. Prices provided by the pricing services that vary by more than 5% and \$1.0 million from the expected price based on these procedures are considered outliers. Also considered outliers are prices that haven't changed from period to period and prices that have trended unusually compared to market conditions. In circumstances where the results of White Mountains's review process does not appear to support the market price provided by the pricing services, White Mountains challenges the price. If White Mountains cannot gain satisfactory evidence to support the challenged price, it relies upon its own pricing methodologies to estimate the fair value of the security in question.

The valuation process above is generally applicable to all of White Mountains's fixed maturity investments. The techniques and inputs specific to asset classes within White Mountains's fixed maturity investments for Level 2 securities that use observable inputs are as follow:

Debt securities issued by corporations: The fair value of debt securities issued by corporations is determined from an evaluated pricing process that uses information from market sources and integrates relative credit information, observed market movements, and sector news. Key inputs include benchmark yields, reported trades, broker-dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers, and reference data including sector, coupon, credit quality ratings, duration, credit enhancements, early redemption features and market research publications.

Mortgage and asset-backed securities: The fair value of mortgage and asset-backed securities is determined from an evaluated pricing process that uses information from market sources and leveraging similar securities. Key inputs include benchmark yields, reported trades, underlying tranche cash flow data, collateral performance, plus new issue data, as well as broker-dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers, and reference data including issuer, vintage, loan type, collateral attributes, prepayment speeds, default rates, recovery rates, cash flow stress testing, credit quality ratings and market research publications.

Municipal obligations: The fair value of municipal obligations is determined from a pricing process that uses information from market makers, brokers-dealers, buy-side firms, and analysts along with general market information. Key inputs include benchmark yields, reported trades, issuer financial statements, material event notices and new issue data, as well as broker-dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers, and reference data including type, coupon, credit quality ratings, duration, credit enhancements, geographic location and market research publications.

Foreign government, agency and provincial obligations: The fair value of foreign government, agency and provincial obligations is determined from an evaluated pricing process that uses feeds from data sources in each respective country, including active market makers and inter-dealer brokers. Key inputs include benchmark yields, reported trades, broker-dealer quotes, two-sided markets, benchmark securities, bids, offers, local exchange prices, foreign exchange rates and reference data including coupon, credit quality ratings, duration and market research publications.

Preferred stocks: The fair value of preferred stocks is determined from an evaluated pricing process that calculates the appropriate spread over a comparable security for each issue. Key inputs include exchange prices (underlying and common stock of same issuer), benchmark yields, reported trades, broker-dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers, and reference data including sector, coupon, credit quality ratings, duration, credit enhancements, early redemption features and market research publications.

Level 3 valuations are generated from techniques that use assumptions not observable in the market. These unobservable assumptions reflect White Mountains's assumptions that market participants would use in valuing the investment. Generally, certain securities may start out as Level 3 when they are originally issued but as observable inputs become available in the market, they may be reclassified to Level 2.

White Mountains employs a number of procedures to assess the reasonableness of the fair value measurements for its other long-term investments, including obtaining and reviewing periodic and audited annual financial statements of hedge funds and private equity funds and discussing each fund's pricing with the fund manager throughout the year. However, since the fund managers do not provide sufficient information to evaluate the pricing inputs and methods for each underlying investment, the inputs are considered to be unobservable. The fair value of White Mountains's investments in hedge funds and private equity funds has generally been determined using net asset value.

Fair Value Measurements by Level

The following tables summarize White Mountains's fair value measurements for investments as of September 30, 2016 and December 31, 2015 by level. The major security types were based on the legal form of the securities. White Mountains has disaggregated its fixed maturity investments based on the issuing entity type, which impacts credit quality, with debt securities issued by U.S. government entities carrying minimal credit risk, while the credit and other risks associated with other issuers, such as corporations, foreign governments, municipalities or entities issuing mortgage-backed or asset-backed securities vary depending on the nature of the issuing entity type. White Mountains further disaggregates debt securities issued by corporations and common equity securities by industry sector because investors often reference commonly used benchmarks and their subsectors to monitor risk and performance. Accordingly, White Mountains has further disaggregated these asset classes into subclasses based on the similar sectors and industry classifications it uses to evaluate investment risk and performance against commonly used benchmarks, such as the Bloomberg Barclays U.S. Intermediate Aggregate and S&P 500 indices.

Millions	September 30, 2016			
	Fair Value	Level 1	Level 2	Level 3
Fixed maturity investments:				
U.S. Government and agency obligations	\$97.0	\$87.5	\$9.5	\$—
Debt securities issued by corporations:				
Consumer	340.5	—	340.5	—
Health Care	193.3	—	193.3	—
Financials	170.8	—	170.8	—
Industrial	132.2	—	132.2	—
Utilities	97.1	—	97.1	—
Communications	89.4	—	89.4	—
Technology	79.6	—	79.6	—
Materials	72.9	—	72.9	—
Energy	53.6	—	53.6	—
Total debt securities issued by corporations	1,229.4	—	1,229.4	—
Mortgage and asset-backed securities	2,414.5	—	2,378.5	36.0
Municipal obligations	312.3	—	312.3	—
Foreign government, agency and provincial obligations	1.2	.6	.6	—
Preferred stocks	85.4	—	13.8	71.6
Total fixed maturity investments ⁽⁴⁾	4,139.8	88.1	3,944.1	107.6
Short-term investments ⁽⁴⁾⁽⁵⁾	305.6	278.6	27.0	—
Common equity securities:				
Exchange traded funds ⁽¹⁾	113.2	90.5	22.7	—
Consumer	111.2	111.2	—	—
Communications	33.3	33.3	—	—
Health Care	33.2	33.2	—	—
Technology	28.1	28.1	—	—
Financials	11.4	11.4	—	—
Industrial	11.1	11.1	—	—
Energy	5.5	5.5	—	—
Other	78.0	—	78.0	—
Total common equity securities	425.0	324.3	100.7	—
Other long-term investments ⁽²⁾⁽³⁾	192.4	—	—	192.4

Total investments⁽⁴⁾ \$5,062.8 \$ 691.0 \$4,071.8 \$ 300.0

(1) ETFs traded on foreign exchanges are priced using the fund's published NAV to account for the difference in market close times and are therefore designated a level 2 measurement.

(2) Excludes carrying value of \$3.2 associated with other long-term investment limited partnerships accounted for using the equity method. Excludes carrying value of \$12.8 associated with a tax advantaged federal affordable housing development fund accounted for using the proportional amortization method.

(3) Excludes carrying value of \$143.0 associated with hedge funds and private equity funds for which fair value is measured at net asset value using the practical expedient.

(4) Includes carrying value of \$8.3 in fixed maturity investments and \$0.1 in short-term investments that are classified as assets held for sale related to SSIE.

(5) Short-term investments are measured at amortized cost, which approximates fair value.

Millions	December 31, 2015			
	Fair Value	Level 1	Level 2	Level 3
Fixed maturity investments:				
U.S. Government and agency obligations	\$ 160.0	\$ 133.4	\$ 26.6	\$—
Debt securities issued by corporations:				
Consumer	253.3	—	253.3	—
Financials	175.9	—	175.9	—
Health Care	151.3	—	151.3	—
Industrial	135.6	—	135.6	—
Energy	82.0	—	82.0	—
Utilities	61.5	—	61.5	—
Technology	60.0	—	60.0	—
Communications	49.2	—	49.2	—
Materials	31.2	—	31.2	—
Total debt securities issued by corporations	1,000.0	—	1,000.0	—
Mortgage and asset-backed securities	1,167.0	—	1,167.0	—
Municipal obligations	228.8	—	228.8	—
Foreign government, agency and provincial obligations	1.2	.6	.6	—
Preferred stocks	82.7	—	12.7	70.0
Total fixed maturity investments ⁽⁴⁾	2,639.7	134.0	2,435.7	70.0
Short-term investments ⁽⁴⁾⁽⁵⁾	211.3	211.3	—	—
Common equity securities:				
Financials	653.2	653.2	—	—
Exchange traded funds ⁽¹⁾	183.3	162.0	21.3	—
Consumer	70.0	70.0	—	—
Communications	43.7	43.7	—	—
Health Care	35.7	35.7	—	—
Technology	27.0	27.0	—	—
Industrial	26.6	26.6	—	—
Other	74.4	—	74.4	—
Total common equity securities	1,113.9	1,018.2	95.7	—
Other long-term investments ⁽²⁾⁽³⁾	169.5	—	—	169.5
Total investments ⁽⁴⁾	\$4,134.4	\$1,363.5	\$2,531.4	\$239.5

(1) ETFs traded on foreign exchanges are priced using the fund's published NAV to account for the difference in market close times and are therefore designated a level 2 measurement.

(2) Excludes carrying value of \$3.8 associated with other long-term investment limited partnerships accounted for using the equity method. Excludes carrying value of \$14.7 associated with a tax advantaged federal affordable housing development fund accounted for using the proportional amortization method.

(3) Excludes carrying value of \$127.8 associated with hedge funds and private equity funds for which fair value is measured at net asset value using the practical expedient.

(4) Includes carrying value of \$9.5 in fixed maturity investments and \$0.1 in short-term investments that are classified as assets held for sale related to SSIE.

(5) Short-term investments are measured at amortized cost, which approximates fair value.

Debt securities issued by corporations

The following table summarizes the ratings of debt securities issued by corporations held in White Mountains's investment portfolio as of September 30, 2016 and December 31, 2015:

Millions	Fair Value at	
	September 30, 2016	December 31, 2015
AAA	\$—	\$—
AA	106.4	95.2
A	331.3	397.7
BBB	602.3	507.1
BB	173.0	—
B	16.4	—
Debt securities issued by corporations ⁽¹⁾	\$1,229.4	\$1,000.0

⁽¹⁾ Credit ratings are assigned based on the following hierarchy: 1) Standard & Poor's and 2) Moody's.

Mortgage and Asset-backed Securities

White Mountains purchases commercial mortgage-backed securities ("CMBS") and residential mortgage-backed securities ("RMBS") with the goal of maximizing risk adjusted returns in the context of a diversified portfolio. White Mountains considers sub-prime mortgage-backed securities as those that have underlying loan pools that exhibit weak credit characteristics, or those that are issued from dedicated sub-prime shelves or dedicated second-lien shelf registrations (i.e., White Mountains considers investments backed primarily by second-liens to be sub-prime risks regardless of credit scores or other metrics).

White Mountains categorizes mortgage-backed securities as "non-prime" (also called "Alt A" or "A-") if they are backed by collateral that has overall credit quality between prime and sub-prime based on White Mountains's review of the characteristics of their underlying mortgage loan pools, such as credit scores and financial ratios. White Mountains's non-agency RMBS portfolio is generally moderate-term and structurally senior. White Mountains does not own any collateralized loan obligations. White Mountains does not own any collateralized debt obligations, with the exception of \$27.0 million of non-agency residential mortgage resecuritization tranches, each a senior tranche in its own right and each collateralized by a single earlier vintage Super Senior or Senior non-agency RMBS.

The following table summarizes the carrying value of White Mountains's mortgage and asset-backed securities as of September 30, 2016 and December 31, 2015:

Millions	September 30, 2016			December 31, 2015		
	Fair Value	Level 2	Level 3	Fair Value	Level 2	Level 3
Mortgage-backed securities:						
Agency:						
GNMA	\$301.1	\$301.1	\$—	\$265.5	\$265.5	\$—
FNMA	239.4	239.4	—	42.2	42.2	—
FHLMC	35.5	35.5	—	22.8	22.8	—
Total Agency ⁽¹⁾	576.0	576.0	—	330.5	330.5	—
Non-agency:						
Residential	213.4	177.4	36.0	133.2	133.2	—
Commercial	113.7	113.7	—	140.4	140.4	—
Total Non-agency	327.1	291.1	36.0	273.6	273.6	—
Total mortgage-backed securities	903.1	867.1	36.0	604.1	604.1	—
Other asset-backed securities:						
Credit card receivables	534.0	534.0	—	217.7	217.7	—
Vehicle receivables	721.8	721.8	—	269.7	269.7	—
Other	255.6	255.6	—	75.5	75.5	—
Total other asset-backed securities	1,511.4	1,511.4	—	562.9	562.9	—

Total mortgage and asset-backed securities \$2,414.5 \$2,378.5 \$ 36.0 \$1,167.0 \$1,167.0 \$ —

(1) Represents publicly traded mortgage-backed securities which carry the full faith and credit guaranty of the U.S. government (i.e., GNMA) or are guaranteed by a government sponsored entity (i.e., FNMA, FHLMC).

Non-agency Mortgage-backed Securities

The security issuance years of White Mountains's investments in non-agency RMBS and non-agency CMBS securities as of September 30, 2016 are as follows:

Millions	Fair Value	Security Issuance Year												
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Non-agency RMBS	\$ 213.4	\$ 20.6	\$ 6.0	\$ 3.2	\$ —	\$ —3.0	\$ —8.6	\$ 11.0	\$ 6.0	\$ 11.4	\$ 59.6	\$ 48.0	\$ 36.0	
Non-agency CMBS	113.7	—	—	—	—	—	—	4.6	—	18.3	11.6	23.5	45.9	9.8
Total	\$ 327.1	\$ 20.6	\$ 6.0	\$ 3.2	\$ —	\$ —3.0	\$ —13.2	\$ 11.0	\$ 24.3	\$ 23.0	\$ 83.1	\$ 93.9	\$ 45.8	

Non-agency Residential Mortgage-backed Securities

The classification of the underlying collateral quality and the tranche levels of White Mountains's non-agency RMBS securities are as follows as of September 30, 2016:

Millions	Fair Value	Super Senior ⁽¹⁾	Senior ⁽²⁾	Subordinate ⁽³⁾
Prime	\$ 213.4	\$ 122.8	\$ 90.6	\$ —
Non-prime	—	—	—	—
Sub-prime	—	—	—	—
Total	\$ 213.4	\$ 122.8	\$ 90.6	\$ —

⁽¹⁾ At issuance, Super Senior, or in the case of resecuritization, the underlying securities, were rated "AAA" by Standard & Poor's, "Aaa" by Moody's or "AAA" by Fitch and were senior to other "AAA" or "Aaa" bonds.

⁽²⁾ At issuance, Senior, or in the case of resecuritization, the underlying securities, were rated "AAA" by Standard & Poor's, "Aaa" by Moody's or "AAA" by Fitch and were senior to non-"AAA" or non-"Aaa" bonds.

⁽³⁾ At issuance, Subordinate were not rated "AAA" by Standard & Poor's, "Aaa" by Moody's or "AAA" by Fitch and were junior to "AAA" or "Aaa" bonds.

Non-agency Commercial Mortgage-backed Securities

White Mountains's non-agency CMBS portfolio is generally short-term and structurally senior, with approximately 30 points of subordination on average for both fixed rate CMBS and floating rate CMBS as of September 30, 2016. In general, subordination represents the percentage principal loss on the underlying collateral that would be absorbed by other securities lower in the capital structure before the more senior security incurs a loss. As of September 30, 2016, none of the underlying loans of the non-agency CMBS held by White Mountains were reported as non-performing. The amount of fixed and floating rate securities and their tranche levels of White Mountains's non-agency CMBS securities are as follows as of September 30, 2016:

Millions	Fair Value	Super Senior ⁽¹⁾	Senior ⁽²⁾	Subordinate ⁽³⁾
Fixed rate CMBS	\$ 102.3	\$ 8.9	\$ 55.2	\$ 38.2
Floating rate CMBS	11.4	—	—	11.4
Total	\$ 113.7	\$ 8.9	\$ 55.2	\$ 49.6

⁽¹⁾ At issuance, Super Senior, or in the case of resecuritization, the underlying securities, were rated "AAA" by Standard & Poor's, "Aaa" by Moody's or "AAA" by Fitch Ratings ("Fitch") and were senior to other "AAA" or "Aaa" bonds.

⁽²⁾ At issuance, Senior, or in the case of resecuritization, the underlying securities, were rated "AAA" by Standard & Poor's, "Aaa" by Moody's or "AAA" by Fitch and were senior to non-"AAA" or non-"Aaa" bonds.

⁽³⁾ At issuance, Subordinate were not rated "AAA" by Standard & Poor's, "Aaa" by Moody's or "AAA" by Fitch and were junior to "AAA" or "Aaa" bonds.

Rollforward of Fair Value Measurements by Level

White Mountains uses quoted market prices where available as the inputs to estimate fair value for its investments in active markets. Such measurements are considered to be either Level 1 or Level 2 measurements, depending on whether the quoted market price inputs are for identical securities (Level 1) or similar securities (Level 2). Level 3 measurements for fixed maturity investments, common equity securities, and other long-term investments as of September 30, 2016 and 2015 consist of securities for which the estimated fair value has not been determined based upon quoted market price inputs for identical or similar securities.

The following tables summarize the changes in White Mountains's fair value measurements by level for the nine months ended September 30, 2016 and 2015:

Millions	Level 3 Investments					Hedge Funds and Private Equity Funds measured at NAV ⁽³⁾	Total
	Level 1 investments	Level 2 investments	Fixed maturity investments	Common equity securities	Other long-term investments		
Balance at January 1, 2016	\$ 1,152.2	\$ 2,531.4	\$ 70.0	\$ —	—\$ 169.5	\$ 127.8	\$ 4,050.9 ⁽¹⁾⁽²⁾⁽⁴⁾
Total realized and unrealized gains (losses)	20.0	42.7	1.6	—	20.7	(1.0)	84.0
Amortization/Accretion	—	(13.2)	—	—	—	—	(13.2)
Purchases	1,577.5	2,989.4	120.8	—	2.2	33.0	4,722.9
Sales	(2,337.3)	(1,587.5)	(2.8)	—	—	(16.8)	(3,944.4)
Transfers in	—	82.0	—	—	—	—	82.0
Transfers out	—	—	(82.0)	—	—	—	(82.0)
Balance at September 30, 2016	\$ 412.4	\$ 4,044.8	\$ 107.6	\$ —	—\$ 192.4	\$ 143.0	\$ 4,900.2 ⁽¹⁾⁽²⁾⁽⁴⁾

⁽¹⁾ Excludes carrying value of \$3.8 and \$3.2 at January 1, 2016 and September 30, 2016 associated with other long-term investments accounted for using the equity method. Excludes carrying value of \$14.7 and \$12.8 at January 1, 2016 and September 30, 2016 associated with a tax advantaged federal affordable housing development fund accounted for using the proportional amortization method.

⁽²⁾ Excludes carrying value of \$211.3 and \$305.6 at January 1, 2016 and September 30, 2016 associated with short-term investments, of which \$0.1 and \$0.1 is classified as held for sale at January 1, 2016 and September 30, 2016.

⁽³⁾ Investments for which fair value is measured at net asset value using the practical expedient are no longer classified within the fair value hierarchy. (See Note 1 - "Summary of Significant Accounting Policies").

⁽⁴⁾ Includes carrying value of \$9.5 and \$8.3 of fixed maturity investments at January 1, 2016 and September 30, 2016 that is classified as assets held for sale related to SSIE.

Level 3 Investments

Millions	Level 3 Investments					Hedge Funds and Private Equity Funds measured at NAV ⁽⁴⁾	Total
	Level 1 investments	Level 2 investments	Fixed maturity investments	Common equity securities	Other long-term investments		
Balance at January 1, 2015	\$ 550.6	\$ 2,372.9	\$ 76.4	\$ 39.5	\$ 126.9	\$ 177.3	\$ 3,343.6 ⁽¹⁾⁽²⁾⁽⁵⁾
Total realized and unrealized (losses) gains	(19.5)	.6	(.9)	7.7	(13.5)	(7.1)	(32.7) ⁽³⁾
Amortization/Accretion	—	(15.2)	—	—	—	—	(15.2)
Purchases	550.0	1,056.0	35.3	—	22.6	8.1	1,672.0
Sales	(618.2)	(894.4)	—	(9.4)	(2.3)	(16.6)	(1,540.9)
Effect of redemption of Prospector hedge funds	(43.5)	—	—	(3.6)	—	(14.3)	(61.4)
Transfers in	—	41.7	—	—	—	—	41.7
Transfers out	(1.2)	—	(40.5)	—	—	—	(41.7)
Balance at September 30, 2015	\$ 418.2	\$ 2,561.6	\$ 70.3	\$ 34.2	\$ 133.7	\$ 147.4	\$ 3,365.4 ⁽¹⁾⁽²⁾⁽⁵⁾

⁽¹⁾ Excludes carrying value of \$5.2 and \$3.9 at January 1, 2015 and September 30, 2015 associated with other long-term investment limited partnerships accounted for using the equity method. Excludes carrying value of \$16.8 and \$15.2 at January 1, 2015 and September 30, 2015 associated with a tax advantaged federal affordable housing development fund accounted for using the proportional amortization method.

⁽²⁾ Excludes carrying value of \$376.8 and \$325.0 at January 1, 2015 and September 30, 2015 associated with short-term investments of which \$1.9 and \$0.6 is classified as held for sale at January 1, 2015 and September 30, 2015.

⁽³⁾ Excludes \$0.8 realized and unrealized losses associated with the Prospector Offshore Fund consolidation of investment-related liabilities.

⁽⁴⁾ Investments for which fair value is measured at net asset value using the practical expedient are no longer classified within the fair value hierarchy. (See Note 1 - "Summary of Significant Accounting Policies").

⁽⁵⁾ Includes carrying value of \$10.1 and \$9.7 of fixed maturity investments at January 1, 2015 and September 30, 2015 that is classified as assets held for sale related to SSIE.

Fair Value Measurements — transfers between levels - Nine-month period ended September 30, 2016 and 2015
Transfers between levels are recorded using the fair value measurement as of the end of the quarterly period in which the event or change in circumstance giving rise to the transfer occurred.
During the first nine months of 2016, there were two fixed maturity investments classified as Level 3 measurements in the prior period that were transferred to Level 2 measurements because quoted market prices for similar securities that were considered reliable and could be validated against an alternative source were available at September 30, 2016. These measurements comprise "Transfers out" of Level 3 and "Transfers in" to Level 2 of \$82.0 million for the period ended September 30, 2016.
During the first nine months of 2015, six fixed maturity investments classified as Level 3 measurement in the prior period was transferred to Level 2 measurement because quoted market prices for similar securities that were considered reliable and could be validated against an alternative source were available at September 30, 2015. These measurements comprise "Transfers out" of Level 3 and "Transfers in" to Level 2 of \$40.5 million for the period ended September 30, 2015.

Significant Unobservable Inputs

The following summarizes significant unobservable inputs used in estimating the fair value of investment securities classified within Level 3 as of September 30, 2016 and December 31, 2015. The fair value of investments in hedge funds and private equity funds are generally estimated using the net asset value of the funds.

Description	September 30, 2016		Fair Value ⁽³⁾	Unobservable Input	
\$ in millions, except share price	Rating ⁽²⁾	Valuation Technique(s)			
Preferred Stock ⁽¹⁾	NR	Discounted cash flow	\$71.6	Discount yield	-6.25%
Non-agency residential mortgage-backed securities ⁽¹⁾	AAA	Broker pricing	\$36.0	Broker quote	
Private equity security ⁽¹⁾	NR	Share price of most recent transaction	\$21.0	Share price	-\$1.00
Private equity security ⁽¹⁾	NR	Share price of most recent transaction	\$33.8	Share price	-\$1.03
Private equity security ⁽¹⁾	NR	Share price of most recent transaction	\$3.2	Share price	-\$2.52
Convertible preferred security ⁽¹⁾	NR	Multiple of EBITDA	\$6.1	EBITDA multiple	-6.00
Convertible preferred security ⁽¹⁾	NR	Share price of most recent transaction	\$27.0	Share price	-\$3.83
Private equity security ⁽¹⁾	NR	Option pricing method	\$9.9	Time until expiration	-4 years
				Volatility/Standard deviation	-60.0%
				Risk free rate	-1.15%
Surplus notes:	NR				
- Seller priority		Discounted cash flow	\$49.0	Discount rate ⁽⁴⁾	-9.5%
				Timing of interest payments ⁽⁶⁾	-5 years
				Timing of principal payments ⁽⁶⁾	10 years
- Pari passu		Discounted cash flow	\$22.5	Discount rate ⁽⁵⁾	-15.8%
				Timing of interest payments ⁽⁶⁾	-5 years
				Timing of principal payments ⁽⁶⁾	15 years

(1) As of September 30, 2016, each asset type consists of one security.

(2) Credit ratings are assigned based on the following hierarchy: 1) Standard and Poor's and 2) Moody's.

(3) Includes the unrealized gains and losses associated with foreign currency; foreign currency effects based on observable inputs.

(4) Stochastic modeling supporting the fair value estimation indicates that the average percentage of discounted payments missed on the seller priority note is roughly equivalent to that of a conventional debt security with a credit rating of 'B'. The corresponding credit spread increased by an additional 250 bps to reflect both a liquidity discount for a private debt instrument and regulatory payment approval uncertainty, was added to the treasury rate to determine the discount rate for the seller priority note.

(5) Stochastic modeling supporting the fair value estimation indicates that the average percentage of discounted payments missed on the pari passu note is roughly equivalent to that of a conventional debt security with a credit rating of 'CCC'. The corresponding credit spread increased by an additional 250 bps to reflect both a liquidity discount

for a private debt instrument and regulatory payment approval uncertainty, was added to the treasury rate to determine the discount rate for the seller priority note.

⁽⁶⁾ OneBeacon has assumed for valuation purposes that subsequent interest payments will begin in year five (2020) and principal repayments begin on a graduated basis in year ten (2025) for the seller priority note and year fifteen (2030) for the pari passu note.

Description \$ in millions, except share price	December 31, 2015		Fair Value ⁽³⁾	Unobservable Input	
	Rating ⁽²⁾	Valuation Technique(s)			
Preferred Stock ⁽¹⁾⁽⁷⁾	NR	Par value ⁽⁷⁾	\$70.0	Issuer's intent to call	-\$70.0
Private equity security ⁽¹⁾	NR	Share price of most recent transaction	\$21.0	Share price	-\$1.00
Private equity security ⁽¹⁾	NR	Share price of most recent transaction	\$33.8	Share price	-\$1.03
Convertible preferred security ⁽¹⁾	NR	Multiple of EBITDA	\$5.7	EBITDA multiple	-6.00
Convertible preferred security ⁽¹⁾	NR	Share price of most recent transaction	\$27.0	Share price	-\$3.83
Private equity security ⁽¹⁾	NR	Option pricing method	\$9.6	Time until expiration	-4 years
				Volatility/Standard deviation	-60.0%
				Risk free rate	-1.15%
Surplus notes:	NR				
- Seller priority		Discounted cash flow	\$38.0	Discount rate ⁽⁴⁾	-13.0%
				Timing of interest payments ⁽⁶⁾	-5 years
				Timing of principal payments ⁽⁶⁾	-10 years
- Pari passu		Discounted cash flow	\$13.5	Discount rate ⁽⁵⁾	-22.4%
				Timing of interest payments ⁽⁶⁾	-5 years
				Timing of principal payments ⁽⁶⁾	-15 years

(1) As of December 31, 2015 each asset type consists of one security.

(2) Credit ratings are assigned based on the following hierarchy: 1) Standard and Poor's and 2) Moody's.

(3) Includes the unrealized gains and losses associated with foreign currency; foreign currency effects based on observable inputs.

(4) Stochastic modeling supporting the fair value estimation indicates that the average percentage of discounted payments missed on the seller priority note is roughly equivalent to that of a conventional debt security with a credit rating of 'B'. The corresponding credit spread increased by an additional 250 bps to reflect both a liquidity discount for a private debt instrument and regulatory payment approval uncertainty, was added to the treasury rate to determine the discount rate for the seller priority note.

(5) Stochastic modeling supporting the fair value estimation indicates that the average percentage of discounted payments missed on the pari passu note is roughly equivalent to that of a conventional debt security with a credit rating of 'CCC'. The corresponding credit spread increased by an additional 250 bps to reflect both a liquidity discount for a private debt instrument and regulatory payment approval uncertainty, was added to the treasury rate to determine the discount rate for the seller priority note.

(6) OneBeacon has assumed for valuation purposes that subsequent interest payments will begin in year five (2020) and principal repayments begin on a graduated basis in year ten (2025) for the seller priority note and year fifteen (2030) for the pari passu note.

(7) Valuation based on the issuer's intent as of December 31, 2015 to call the security in the near term.

Note 6. Goodwill and Other Intangible Assets

White Mountains has recognized goodwill and other intangible assets at the acquisition date fair values in connection with its purchases of subsidiaries.

On January 15, 2016, MediaAlpha acquired certain assets from Oversee.net for a purchase price of \$3.9 million. The majority of assets acquired, which are included in other intangible assets, consists of customer relationships, a customer contract, a non-compete agreement from the seller, domain names and technology.

During 2015, Wobi acquired Cashboard in two transactions for a total of NIS 35.9 million (approximately \$8.9 million based upon the foreign exchange spot rate at the dates of acquisition), representing a controlling financial interest. As of the acquisition date, Wobi recognized total assets acquired of \$5.5 million, including \$0.3 million of goodwill and \$2.8 million of other intangible assets, and total liabilities assumed of \$1.2 million at their estimated fair values.

On August 4, 2016, White Mountains acquired a 70.9% ownership share in Buzzmove for a purchase price of GBP 6.0 million (approximately \$8.0 million based upon the foreign exchange spot rate at the date of acquisition). White Mountains recognized total assets acquired related to Buzzmove of \$11.7 million, including \$9.0 million of other intangible assets, total liabilities assumed of \$0.1 million, and non-controlling interests of \$2.6 million, reflecting acquisition date fair values.

The following table shows the change in goodwill and other intangible assets:

Millions	Three Months Ended September 30,					
	2016			2015		
	Goodwill	Other intangible assets	Total	Goodwill	Other intangible assets	Total
Beginning balance	\$24.1	\$ 29.2	53.3	\$24.1	\$ 36.4	\$60.5
Amounts held for sale at beginning of the period ⁽¹⁾	—	—	—	—	.6	.6
Amortization, including foreign currency translation	—	(3.0)	(3.0)	—	(2.6)	(2.6)
Less: Amounts held for sale at end of the period ⁽¹⁾	—	—	—	—	.5	.5
Subtotal	24.1	26.2	50.3	24.1	33.9	58.0
Acquisition of business			9.0 ⁽²⁾			—
Ending balance			\$59.3			\$58.0
Millions	Nine Months Ended September 30,					
	2016			2015		
	Goodwill	Other intangible assets	Total	Goodwill	Other intangible assets	Total
Beginning balance	\$24.1	\$ 31.3	\$55.4	\$23.8	\$ 38.7	\$62.5
Amounts held for sale at beginning of the period ⁽¹⁾	—	.4	.4	—	.8	.8
Acquisitions of businesses	—	—	—	.3	2.8	3.1
Acquisitions of other intangible assets	—	3.9	3.9	—	—	—
Amortization, including foreign currency translation	—	(9.4)	(9.4)	—	(7.9)	(7.9)
Less: Amounts held for sale at end of the period ⁽¹⁾	—	—	—	—	.5	.5
Subtotal	24.1	26.2	50.3	24.1	33.9	58.0
Acquisition of business			9.0 ⁽²⁾			—
Ending balance			\$59.3			\$58.0

⁽¹⁾ See Note 17 - "Held for Sale and Discontinued Operations".

⁽²⁾ The relative fair values of goodwill and of the other intangible assets recognized in connection with the acquisition of Buzzmove had not yet been determined at September 30, 2016.

Note 7. Debt

White Mountains's debt outstanding as of September 30, 2016 and December 31, 2015 consisted of the following:

Millions	September 30, 2016	Effective Rate ⁽¹⁾	December 31, 2015	Effective Rate ⁽¹⁾
WTM Bank Facility	\$ —	N/A	\$ 50.0	3.9%
OBH Senior Notes, at face value	275.0	4.7%	275.0	4.7%
Unamortized original issue discount and debt issuance costs	(1.9)		(2.1)	
OBH Senior Notes, carrying value	273.1		272.9	
OneBeacon Bank Facility	—	N/A	—	N/A
MediaAlpha Bank Facility	15.6	5.8%	15.0	5.5%
Unamortized issuance cost	(.2)		(.3)	
MediaAlpha Bank Facility, carrying value	15.4		14.7	
Total debt	\$ 288.5		\$ 337.6	

⁽¹⁾ Effective rate considers the effect of the debt issuance costs.

WTM Bank Facility

On August 14, 2013, White Mountains entered into a revolving credit facility with a syndicate of lenders administered by Wells Fargo Bank, N.A., which has a total commitment of \$425.0 million and has a maturity date of August 14, 2018 (the "WTM Bank Facility"). During the three months ended September 30, 2016, White Mountains borrowed and repaid \$250.0 million under the WTM Bank Facility. During the nine months ended September 30, 2016, White Mountains borrowed \$350.0 million and repaid \$400.0 million under the WTM Bank Facility at a blended interest rate of 3.85%. As of September 30, 2016, the WTM Bank Facility was undrawn.

The WTM Bank Facility contains various affirmative, negative and financial covenants which White Mountains considers to be customary for such borrowings, including certain minimum net worth and maximum debt to capitalization standards.

OBH Senior Notes

In November 2012, OneBeacon U.S. Holdings, Inc. ("OBH") issued \$275.0 million face value of senior unsecured notes ("OBH Senior Notes") through a public offering, at an issue price of 99.9% and received \$272.9 million of proceeds. The OBH Senior Notes bear an annual interest rate of 4.6% payable semi-annually in arrears on May 9 and November 9, until maturity on November 9, 2022, and are fully and unconditionally guaranteed as to the payment of principal and interest by OneBeacon Ltd. Taking into effect the amortization of the original issue discount and all underwriting and issuance expenses, the OBH Senior Notes have an effective yield to maturity of approximately 4.7% per annum. The OBH Senior Notes were issued under indentures that contain restrictive covenants which, among other things, limit the ability of OneBeacon Ltd., OBH, and their respective subsidiaries to create liens and enter into sale and leaseback transactions and limits the ability of OneBeacon Ltd. and OBH to consolidate, merge or transfer its properties and assets. The indentures do not contain any financial ratios or specified levels of net worth or liquidity to which the OneBeacon Ltd. or OBH must adhere. In addition, a failure by OneBeacon Ltd. or OBH or their respective subsidiaries to pay principal and interest on covered debt, where such failure results in the acceleration of at least \$75.0 million of the principal amount of covered debt, could trigger the acceleration of the OBH Senior Notes.

OneBeacon Bank Facility

On September 29, 2015, OneBeacon Ltd. and OneBeacon U.S. Holdings, Inc. ("OBH"), as co-borrowers and co-guarantors, entered into a revolving credit facility administered by U.S. Bank N.A. and also including BMO Harris Bank N.A., which has a total commitment of \$65.0 million and has a maturity date of September 29, 2019 (the "OneBeacon Bank Facility"). As of September 30, 2016, the OneBeacon Bank Facility was undrawn.

The OneBeacon Bank Facility contains various affirmative, negative and financial covenants which White Mountains considers to be customary for such borrowings, including certain minimum net worth and maximum debt to capitalization standards.

MediaAlpha Bank Facility

On July 23, 2015, MediaAlpha entered into a secured credit facility with Opus Bank, which has a total commitment of \$20.0 million and has a maturity date of July 23, 2019 (the "MediaAlpha Bank Facility"). The MediaAlpha Bank Facility consists of a \$14.2 million term loan facility and a revolving loan facility for \$5.0 million, which had an outstanding balance of \$1.5 million as of September 30, 2016. During the three months ended September 30, 2016, MediaAlpha repaid \$0.8 million under the term loan facility and \$0.5 million under the revolving loan facility. During the nine months ended September 30, 2016, MediaAlpha repaid \$0.8 million under the term loan facility and borrowed \$2.5 million and repaid \$1.0 million under the revolving loan facility. The MediaAlpha Bank Facility carries a variable interest rate that is based on the Prime Rate, as published by the Wall Street Journal, plus a spread of 1.5% as of September 30, 2016.

The MediaAlpha Bank Facility is secured by intellectual property and the common stock of MediaAlpha's subsidiaries, and contains various affirmative, negative and financial covenants that White Mountains considers to be customary for such borrowings, including a maximum leverage ratio.

Compliance

At September 30, 2016, White Mountains was in compliance with the covenants under all of its debt instruments.

Note 8. Income Taxes

The Company and its Bermuda domiciled subsidiaries are not subject to Bermuda income tax under current Bermuda law. In the event there is a change in the current law such that taxes are imposed, the Company and its Bermuda domiciled subsidiaries would be exempt from such tax until March 31, 2035, pursuant to the Bermuda Exempted Undertakings Tax Protection Act of 1966. The Company has subsidiaries and branches that operate in various other jurisdictions around the world that are subject to tax in the jurisdictions in which they operate. The jurisdictions in which the Company's consolidated subsidiaries and branches are subject to tax are Barbados, Gibraltar, Israel, Luxembourg, the Netherlands, the United Kingdom and the United States.

White Mountains's effective tax rate for the three months ended September 30, 2016 was (33.5)%. White Mountains's income tax benefit related to pre-tax income from continuing operations for the three months ended September 30, 2016 was different from the U.S. statutory rate of 35% due to changes in forecasted earnings by jurisdiction used in determining interim tax expense. The rate was also impacted by a \$14.0 million tax benefit recognized in continuing operations related to the reversal of a valuation allowance that resulted from income that was recognized within discontinued operations. ASC 740 includes an exception to the general principle of intra-period tax allocations that requires a company with a current period loss from continuing operations to consider income recorded in other categories, including discontinued operations, in determining the tax benefit that is allocated to continuing operations. The valuation allowance reversal relates to a consolidated tax group within White Mountains that has a current period loss within continuing operations. Accordingly, the tax benefit resulting from the valuation allowance reversal was recorded in continuing operations with an offsetting tax expense for the same amount in discontinued operations.

White Mountains's effective tax rate for the nine months ended September 30, 2016 was (84.9)%. White Mountains's income tax benefit related to pre-tax income from continuing operations for the nine months ended September 30, 2016 was different from the U.S. statutory rate of 35% due to changes in forecasted earnings by jurisdiction used in determining interim tax expense. The rate was also impacted by a \$3.5 million favorable settlement of the 2010-2012 IRS exam, by a \$12.8 million favorable settlement of the 2007-2009 IRS exam and by a \$14.0 million tax benefit recognized in continuing operations related to the reversal of a valuation allowance that resulted from income that was recognized within discontinued operations as described above. The tax benefit resulting from the valuation allowance reversal was recorded in continuing operations with an offsetting tax expense for the same amount in discontinued operations.

White Mountains's income tax benefit from continuing operations for the first nine months of 2015 was near zero. The effective rates for the three and nine months ended September 30, 2015 represented an effective tax rate that was lower than the U.S. statutory rate of 35% due to income forecasted in jurisdictions with lower tax rates than the United States.

In arriving at the effective tax rate for the three and nine months ended September 30, 2016 and 2015, White Mountains forecasted all income and expense items including the change in unrealized investment gains (losses) and realized investment gains (losses) for the years ending December 31, 2016 and 2015.

White Mountains records a valuation allowance against deferred tax assets if it becomes more likely than not that all or a portion of a deferred tax asset will not be realized. Changes in valuation allowances from period to period are included in income tax expense in the period of change. In determining whether or not a valuation allowance, or change therein, is warranted, White Mountains considers factors such as prior earnings history, expected future earnings, carryback and carryforward periods and strategies that if executed would result in the realization of a deferred tax asset. It is possible that certain planning strategies or projected earnings in certain subsidiaries may not be feasible to utilize the entire deferred tax asset, which could result in material changes to White Mountains's deferred tax assets and tax expense.

With few exceptions, White Mountains is no longer subject to U.S. federal, state or non-U.S. income tax examinations by tax authorities for years before 2012.

On January 19, 2016, White Mountains received Form 870-AD (Offer to Waive Restrictions on Assessment and Collection Tax Deficiency and to Accept Overassessment) from the IRS Appeals Office relating to the examination of tax years 2007, 2008 and 2009 for certain U.S. Subsidiaries of OneBeacon. All disputed items have now been agreed to and resolved with the Joint Committee on Taxation. As the receipt of the Form 870-AD described above represents formal settlement, White Mountains recorded a tax benefit of \$12.8 million in the first quarter of 2016 related to tax years 2007, 2008 and 2009.

On May 27, 2016, White Mountains received the Closing Letter (Letter 1156) from the IRS Revenue Agent relating to the examination of tax years 2010, 2011 and 2012 for certain U.S. Subsidiaries of OneBeacon. All disputed items have now been agreed to and resolved. As the receipt of the Closing Letter described above represents formal settlement, White Mountains recorded a tax benefit of \$3.5 million in the second quarter of 2016 related to tax years 2010, 2011 and 2012.

On June 22, 2016, White Mountains received the Closing Letter (Letter 1156) from the IRS Revenue Agent relating to the examination of tax year 2012 for Guilford Holdings, Inc. and subsidiaries. All disputed items have now been agreed to and resolved. As the receipt of the Closing Letter described above represents formal settlement, White Mountains recorded an increase to net operating loss carryforwards of \$1.7 million related to tax year 2012.

Note 9. Derivatives

Variable Annuity Reinsurance

White Mountains entered into agreements to reinsure death and living benefit guarantees associated with certain variable annuities in Japan. During the third quarter of 2015, the variable annuity contracts reinsured by WM Life Re began to mature and were fully runoff by June 30, 2016. At December 31, 2015, the total guarantee value was approximately ¥50.7 billion (approximately \$0.4 billion at exchange rates on that date), respectively. The collective account values of the underlying variable annuities were approximately 109% of the guarantee value at December 31, 2015.

The following table summarizes the pre-tax operating results of WM Life Re for the three and nine months ended September 30, 2016 and 2015.

Millions	Three Months Ended		Nine Months Ended	
	September 30, 2016	September 30, 2015	September 30, 2016	September 30, 2015
Fees, included in other revenue	\$—	\$2.1	\$1.2	\$7.7
Change in fair value of variable annuity liability, included in other revenue	—	(2.8)	(.3)	(1.7)
Change in fair value of derivatives, included in other revenue	—	1.5	(2.0)	(6.3)
Foreign exchange, included in other revenue	—	.4	1.4	(.8)
Other investment income and losses	—	(.2)	—	(.3)
Total revenue	—	1.0	.3	(1.4)
Change in fair value of variable annuity death benefit liabilities, included in other general and administrative expenses	—	—	(.3)	—
Death benefit claims paid, included in general and administrative expenses	—	—	—	—
General and administrative expenses	(.5)	(.8)	(2.4)	(3.1)
Pre-tax income (loss)	\$(.5)	\$2	\$(2.4)	\$(4.5)

The following summarizes realized and unrealized derivative gains (losses) recognized in other revenue for the three and nine months ended September 30, 2016 and 2015 and the carrying values, included in other assets, as of December 31, 2015 by type of instrument:

	Gains (losses)			Carrying Value
	Three Months Ended	Nine Months Ended		
Millions	September 30, 2015	September 30, 2016	September 30, 2015	As of December 31, 2015
Fixed income/interest rate	\$-\$2.6	\$1.8	\$6.0	\$.5
Foreign exchange	—(3.1)	(4.8)	(6.0)	14.8
Equity	—2.0	1.0	(6.3)	4.8
Total	\$-\$1.5	\$(2.0)	\$(6.3)	\$ 20.1

The following tables summarize the changes in White Mountains's variable annuity reinsurance liabilities and derivative instruments for the nine months ended September 30, 2016 and the three and nine months ended September 30, 2015.

Millions	Nine Months Ended September 30, 2016				
	Variable Annuity		Derivative Instruments		
	Assets	Liabilities	Level 3 ⁽¹⁾	Level 2 ⁽¹⁾⁽²⁾	Level 1 ⁽³⁾
Beginning of period	\$.3	\$ 2.7	\$ 16.5	\$.9	\$ 20.1
Purchases	—	—	—	—	—
Realized and unrealized gains (losses)	(.3)	2.9	(.7)	(4.2)	(2.0)
Transfers in	—	—	—	—	—
Sales/settlements	—	(5.6)	(15.8)	3.3	(18.1)
End of period	\$ —	\$ —	\$ —	\$ —	\$ —

Millions	Three Months Ended September 30, 2015				
	Variable Annuity		Derivative Instruments		
	Assets	Liabilities	Level 3 ⁽¹⁾	Level 2 ⁽¹⁾⁽²⁾	Level 1 ⁽³⁾
Beginning of period	\$ 1.8	\$ 8.3	\$ 32.5	\$ (5.1)	\$ 35.7
Purchases	—	—	—	—	—
Realized and unrealized gains (losses)	(2.8)	3.4	3.2	(5.1)	1.5
Transfers in	—	—	—	—	—
Sales/settlements	—	(.5)	(7.8)	8.1	(.2)
End of period	\$(1.0)	\$ 11.2	\$ 27.9	\$ (2.1)	\$ 37.0

Millions	Nine Months Ended September 30, 2015				
	Variable Annuity		Derivative Instruments		
	Assets	Liabilities	Level 3 ⁽¹⁾	Level 2 ⁽¹⁾⁽²⁾	Level 1 ⁽³⁾
Beginning of period	\$.7	\$ 18.9	\$ 33.8	\$ 3.7	\$ 56.4
Purchases	—	—	—	—	—
Realized and unrealized gains (losses)	(1.7)	(5.5)	(2.7)	1.9	(6.3)
Transfers in	—	—	—	—	—
Sales/settlements	—	(2.2)	(3.2)	(7.7)	(13.1)
End of period	\$(1.0)	\$ 11.2	\$ 27.9	\$ (2.1)	\$ 37.0

⁽¹⁾ Consists of over-the-counter instruments.

⁽²⁾ Consists of interest rate swaps, total return swaps, foreign currency forward contracts, and bond forwards. Fair value measurement based upon bid/ask pricing quotes for similar instruments that are actively traded, where available. Swaps for which an active market does not exist have been priced using observable inputs including the swap curve and the underlying bond index.

⁽³⁾ Consists of exchange traded equity index, foreign currency and interest rate futures. Fair value measurements based upon quoted prices for identical instruments that are actively traded.

In addition to derivative instruments, WM Life Re held cash and fixed maturity investments posted as collateral to its variable annuity reinsurance counterparties. The total collateral includes the following:

Millions	December 31, September 30,	
	2015	2015
Cash	\$ 5.8	\$ 16.8
Fixed maturity investments	—	—

Total	\$ 5.8	\$ 16.8
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Collateral in the form of fixed maturity securities consisted of Government of Japan Bonds, recorded at fair value. Collateral in the form of short-term investments consisted of money-market instruments, carried at amortized cost, which approximated fair value.

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All of White Mountains's variable annuity reinsurance liabilities were classified as Level 3 measurements. The fair value of White Mountains's variable annuity reinsurance liabilities were estimated using actuarial and capital market assumptions related to the projected discounted cash flows over the term of the reinsurance agreement. Actuarial assumptions regarding future policyholder behavior, including surrender and lapse rates, were generally unobservable inputs and significantly impacted the fair value estimates. Generally, the liabilities associated with these guarantees increased with declines in the equity markets, interest rates and currencies against the Japanese yen, as well as with increases in market volatilities. White Mountains used derivative instruments to mitigate the risks associated with changes in the fair value of the reinsured variable annuity guarantees. The types of inputs used to estimate the fair value of these derivative instruments, with the exception of actuarial assumptions regarding policyholder behavior and risk margins, were generally the same as those used to estimate the fair value of variable annuity liabilities. There were no open derivatives instruments remaining as of September 30, 2016.

WM Life Re entered into both over-the-counter ("OTC") and exchange traded derivative instruments to economically hedge the liability from the variable annuity benefit guarantee. In the case of OTC derivatives, WM Life Re had exposure to credit risk for amounts that were uncollateralized by counterparties. WM Life Re's internal risk management guidelines established net counterparty exposure thresholds that took into account OTC counterparties' credit ratings. The OTC derivative contracts were subject to restrictions on liquidation of the instruments and distribution of proceeds under collateral agreements.

In the case of exchange traded instruments, WM Life Re had exposure to credit risk for amounts uncollateralized by margin balances. WM Life Re had master netting agreements with certain of its counterparties whereby the collateral provided (held) was calculated on a net basis. The following summarizes amounts offset under master netting agreements:

Millions	December 31, 2015		
	Gross asset amounts before offsets ⁽¹⁾	Gross liability amounts offset under master netting arrangements	Net amounts recognized in Other Assets
Interest rate contracts			
OTC	\$2.4	\$ (2.1)	\$.3
Exchange traded	.1	(.1)	—
Foreign exchange contracts			
OTC	15.0	—	15.0
Exchange traded	.1	(.3)	(.2)
Equity contracts			
OTC	4.4	(.6)	3.8
Exchange traded	1.2	—	1.2
Total ⁽²⁾	\$23.2	\$ (3.1)	\$ 20.1

⁽¹⁾ Amount equal to fair value of instrument as recognized in other assets

⁽²⁾ All derivative instruments held by WM Life Re were subject to master netting arrangements.

There were no open derivative instruments as of September 30, 2016 and no exposure to credit losses on OTC and exchanged traded derivatives as of that date. The following summarizes the value, collateral held or provided by WM Life Re and net exposure to credit losses on OTC and exchange traded derivative instruments by counterparty recorded within other assets as of December 31, 2015:

Millions	December 31, 2015								
	Net amount of assets	Collateral provided to counter-party	Collateral provided to counter-party	Net amount of exposure	Excess collateral provided to counter-party-	Excess collateral provided	Counter-party held by WM Life	Net amount of exposure to counter-party	Standard & Poor's Rating ⁽¹⁾

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	reflected	Cash	- Financial	after	Cash	Financial	Re-	Cash		
	in		Instruments	effect of		Instruments				
	Balance			collateral						
	Sheet			provided						
JP Morgan	\$8.5	\$	—\$	—\$ 8.5	\$ —	\$	—\$ 5.5	\$ 3.0	A	+
Bank of America	.7	—	—	.7	—	—	—	.7	A	
Citigroup - OTC	9.9	—	—	9.9	—	—	1.4	8.5	A	
Citigroup - Exchange Traded	1.0	—	—	1.0	5.8	—	—	6.8	A	
Total	\$20.1	\$	—\$	—\$ 20.1	\$ 5.8	\$	—\$ 6.9	\$ 19.0		

(1) Standard & Poor's ratings as detailed above are: "A+" (Strong, which is the fifth highest of twenty-three creditworthiness ratings), "A" (Strong, which is the sixth highest of twenty-three creditworthiness ratings), "A-" (Strong, which is the seventh highest of twenty-three creditworthiness ratings) and "BBB+" (Adequate, which is the eighth highest of twenty-three creditworthiness ratings).

Note 10. Municipal Bond Guarantee Insurance

In 2012, HG Global was capitalized with \$594.5 million from White Mountains and \$14.5 million from non-controlling interests to fund BAM, a newly formed mutual municipal bond insurer. As of September 30, 2016, White Mountains owned 96.9% of HG Global's preferred equity and 88.4% of its common equity. HG Global, together with its subsidiaries, provided the initial capitalization of BAM through the purchase of \$503.0 million of BAM Surplus Notes. Through HG Re, which had statutory capital of \$476.5 million at September 30, 2016, HG Global provides first loss reinsurance protection for policies underwritten by BAM of up to 15% of par outstanding, on a per policy basis. HG Re's obligations to BAM are collateralized in trusts, and there is an aggregate loss limit that is equal to the total assets in the collateral trusts at any point in time.

For the three and nine months ended September 30, 2016, HG Global had pre-tax income of \$5.2 million and \$18.4 million, which included \$4.5 million and \$13.4 million of interest income on the BAM Surplus Notes. For the three and nine months ended September 30, 2015, HG Global had pre-tax income of \$5.2 million and \$13.8 million, which included \$4.0 million and \$11.9 million of interest income on the BAM Surplus Notes.

For the three and nine months ended September 30, 2016, White Mountains reported pre-tax losses of \$13.7 million and \$30.3 million on BAM that were recorded in net loss attributable to non-controlling interests, which included \$4.5 million and \$13.4 million of interest expense on the BAM Surplus Notes. For the three and nine months ended September 30, 2015, White Mountains reported pre-tax losses of \$10.6 million and \$33.5 million on BAM that were recorded in net loss attributable to non-controlling interests, which included \$4.0 million and \$11.9 million of interest expense on the BAM Surplus Notes.

Effective January 1, 2014, HG Global and BAM agreed to change the interest rate on the BAM Surplus Notes for the five years ending December 31, 2018 from a fixed rate of 8% to a variable rate equal to the one-year U.S. treasury rate plus 300 basis points, set annually, which is 3.54% and 3.15% for 2016 and 2015. Prior to the end of 2018, BAM has the option to extend the variable rate period for an additional three years. At the end of the variable rate period, the interest rate will be fixed at the higher of the then current variable rate or 8%. BAM is required to seek regulatory approval to pay interest and principal on its surplus notes only when adequate capital resources have accumulated beyond BAM's initial capitalization and a level that continues to support its outstanding obligations, business plan and ratings.

All of the contracts issued by BAM are accounted for as insurance contracts under ASC 944-605, Financial Guarantee Insurance Contracts. Premiums are received upfront and an unearned premium revenue liability, equal to the amount of the cash received, is established at contract inception. Premium revenues are recognized in revenue over the period of the contracts in proportion to the amount of insurance protection provided using a constant rate. The constant rate is calculated based on the relationship between the par outstanding in a given reporting period compared with the sum of each of the par amounts outstanding for all periods.

The following table provides a schedule of BAM's insured obligations:

	September 30, 2016	December 31, 2015
Contracts outstanding	4,357	3,103
Remaining weighted average contract period outstanding (in years)	10.9	12.8
Contractual debt service outstanding (in millions):		
Principal	\$30,470.0	\$22,556.0
Interest	15,258.1	11,984.4
Total debt service outstanding	\$45,728.1	\$34,540.4
Gross unearned insurance premiums	\$71.0	\$50.2

The following table is a schedule of BAM's future premium revenues as of September 30, 2016:

Millions	September 30, 2016
October 1, 2016 - December 31, 2016	\$ 1.6

January 1, 2017 - March 31, 2017	1.6
April 1, 2017 - June 30, 2017	1.6
July 1, 2017 - September 30, 2017	1.6
October 1, 2017 - December 31, 2017	1.5
	6.3
2018	6.0
2019	5.7
2020	5.4
2021 and thereafter	46.0
Total	\$ 71.0

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Note 11. Earnings Per Share

Basic earnings per share amounts are based on the weighted average number of common shares outstanding including unvested restricted shares that are considered participating securities. Diluted earnings per share amounts are based on the weighted average number of common shares including unvested restricted shares and the net effect of potentially dilutive common shares outstanding. The following table outlines the Company's computation of earnings per share from continuing operations for the three and nine months ended September 30, 2016 and 2015. (See Note 17 - "Held for Sale and Discontinued Operations").

	Three Months Ended September 30, 2016		Nine Months Ended September 30, 2015	
Basic and diluted earnings per share numerators (in millions):				
Net income (loss) from continuing operations attributable to White Mountains's common shareholders	\$29.8	\$(65.4)	\$24.2	\$(47.6)
Allocation of income for unvested restricted common shares	(.4)	—	(.3)	—
Dividends declared on participating restricted common shares ⁽¹⁾	—	—	(.1)	(.1)
Total allocation to restricted common shares	(.4)	—	(.4)	(.1)
Net income (loss) attributable to White Mountains's common shareholders, net of restricted common share amounts	\$29.4	\$(65.4)	\$23.8	\$(47.7)
Undistributed net earnings (in millions):				
Net income (loss) attributable to White Mountains's common shareholders, net of restricted common share amounts	\$29.4	\$(65.4)	\$23.8	\$(47.7)
Dividends declared net of restricted common share amounts ⁽¹⁾	—	—	(5.4)	(5.9)
Total undistributed net earnings, net of restricted common share amounts	\$29.4	\$(65.4)	\$18.4	\$(53.6)
Basic earnings per share denominators (in thousands):				
Total average common shares outstanding during the period	4,867.4	5,890.1	5,166.6	5,951.1
Average unvested restricted shares ⁽²⁾	(68.1)	—	(62.9)	—
Basic earnings per share denominator	4,799.3	5,890.1	5,103.7	5,951.1
Diluted earnings per share denominator (in thousands):				
Total average common shares outstanding during the period ⁽³⁾	4,879.4	5,890.1	5,174.8	5,951.1
Average unvested restricted common shares ⁽²⁾	(68.1)	—	(62.9)	—
Diluted earnings per share denominator ⁽³⁾	4,811.3	5,890.1	5,111.9	5,951.1
Basic earnings per share (in dollars):				
Net income (loss) attributable to White Mountains's common shareholders	\$6.12	\$(11.10)	\$4.67	\$(8.01)
Dividends declared and paid	—	—	(1.00)	(1.00)
Undistributed earnings	\$6.12	\$(11.10)	\$3.67	\$(9.01)
Diluted earnings per share (in dollars):				
Net income (loss) attributable to White Mountains's common shareholders	\$6.11	\$(11.10)	\$4.66	\$(8.01)
Dividends declared and paid	—	—	(1.00)	(1.00)
Undistributed earnings	\$6.11	\$(11.10)	\$3.66	\$(9.01)

⁽¹⁾ Restricted shares issued by White Mountains receive dividends, and therefore, are considered participating securities.

⁽²⁾ Restricted shares outstanding vest either in equal annual installments or upon a stated date. (See Note 15 - "Employee Share-Based Compensation Plans").

⁽³⁾ The diluted earnings per share denominator for the three and nine months ended September 30, 2016 includes the impact of 120,000 common shares issuable upon exercise of the non-qualified options outstanding, which results in 11,943 and 8,208 incremental shares outstanding over the periods.

Note 12. Non-controlling Interests

The following table details the balance of non-controlling interests included in White Mountains's total equity and the related percentage of each consolidated entity's total equity owned by non-controlling shareholders as of September 30, 2016 and December 31, 2015:

\$ in millions	September 30, 2016		December 31, 2015			
	Non-controlling Percentage	Equity	Non-controlling Percentage	Equity		
OneBeacon Ltd.	23.9 %	\$ 247.0	24.5 %	\$ 245.6		
SIG Preference Shares	—	—	100.0	250.0		
Other, excluding mutuals and reciprocals						
HG Global	3.1	16.9	3.1	17.1		
MediaAlpha	40.0	12.5	40.0	14.4		
Tranzact	—	—	36.8	79.4		
Wobi	3.3	.5	3.9	.6		
Dewar	18.8	3.7	19.0	3.7		
Buzzmove	29.1	3.3	—	—		
Total other, excluding mutuals and reciprocals		36.9		115.2		
Mutuals and reciprocals						
BAM	100.0	(138.9)	100.0	(140.0)
SSIE	100.0	4.2)	100.0	(16.0)
Total mutuals and reciprocals		(134.7)		(156.0)
Total non-controlling interests		\$ 149.2		\$ 454.8		

Note 13. Segment Information

White Mountains has determined that its reportable segments are OneBeacon, HG Global/BAM and Other Operations. As a result of the Sirius Group and Tranzact sales, the results of operations for Sirius Group, previously reported in its own segment, and Tranzact, previously reported in the Other Operations segment, have been classified as discontinued operations and are now presented, net of related income taxes, as such in the statement of operations and comprehensive income. Prior year amounts have been reclassified to conform to the current period's presentation (See Note 17 - "Held for Sale and Discontinued Operations").

White Mountains has made its segment determination based on consideration of the following criteria: (i) the nature of the business activities of each of the Company's subsidiaries and affiliates; (ii) the manner in which the Company's subsidiaries and affiliates are organized; (iii) the existence of primary managers responsible for specific subsidiaries and affiliates; and (iv) the organization of information provided to the chief operating decision makers and the Board of Directors.

Significant intercompany transactions among White Mountains's segments have been eliminated herein. Financial information for White Mountains's segments follows:

Millions	HG Global/BAM				Total
	OneBeacon	HG	BAM ⁽¹⁾	Other Operations	
Three Months Ended September 30, 2016					
Earned insurance premiums	\$ 277.9	\$1.2	\$.3	\$ 1.9	\$281.3
Net investment income	11.8	.6	1.7	8.4	22.5
Net investment income (loss) - surplus note interest	—	4.5	(4.5)	—	—
Net realized and unrealized investment gains (losses)	15.5	(.3)	(1.6)	12.8	26.4
Other revenue	1.8	—	.4	32.6	⁽²⁾ 34.8
Total revenues	307.0	6.0	(3.7)	55.7	365.0
Losses and LAE	162.8	—	—	2.2	165.0
Insurance acquisition expenses	55.1	.2	.6	.5	56.4
Other underwriting expenses	49.4	—	.1	.1	49.6
General and administrative expenses	3.2	.6	9.3	54.1	⁽³⁾ 67.2
Amortization of other intangible assets	.3	—	—	2.7	3.0
Interest expense	3.3	—	—	.5	3.8
Total expenses	274.1	.8	10.0	60.1	345.0
Pre-tax income (loss)	\$ 32.9	\$5.2	\$(13.7)	\$(4.4)	\$20.0
Millions	HG Global/BAM				Total
	OneBeacon	HG	BAM ⁽¹⁾	Other Operations	
Nine Months Ended September 30, 2016					
Earned insurance premiums	\$ 827.9	\$3.1	\$1.0	\$ 6.1	\$838.1
Net investment income	38.3	1.6	5.1	14.6	59.6
Net investment income (loss) - surplus note interest	—	13.4	(13.4)	—	—
Net realized and unrealized investment gains	56.8	2.3	6.5	18.4	84.0
Other revenue	3.5	—	.8	106.5	⁽²⁾ 110.8
Total revenues	926.5	20.4	—	145.6	1,092.5
Losses and LAE	501.3	—	—	6.8	508.1
Insurance acquisition expenses	154.8	.6	1.9	1.9	159.2
Other underwriting expenses	155.6	—	.3	.1	156.0
General and administrative expenses	10.0	1.4	28.1	181.5	⁽³⁾ 221.0
Amortization of other intangible assets	.9	—	—	8.5	9.4

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Interest expense	9.8	—	—	2.6	12.4
Total expenses	832.4	2.0	30.3	201.4	1,066.1
Pre-tax income (loss)	\$ 94.1	\$ 18.4	\$ (30.3)	\$ (55.8)	\$ 26.4

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Millions	HG Global/BAM				Total
	OneBeacon	HG	BAM ⁽¹⁾	Other Operations	
Three Months Ended September 30, 2015					
Earned insurance premiums	\$ 281.4	\$.6	\$.3	\$ 2.6	\$284.9
Net investment income	12.4	.5	1.1	2.8	16.8
Net investment income (loss) - surplus note interest	—	4.0	(4.0)	—	—
Net realized and unrealized investment (losses) gains	(29.9)	.6	1.7	(16.3)	(43.9)
Other revenue	3.9	—	.2	34.2	⁽²⁾ 38.3
Total revenues	267.8	5.7	(.7)	23.3	296.1
Losses and LAE	167.5	—	—	2.5	170.0
Insurance acquisition expenses	53.8	.1	.4	1.0	55.3
Other underwriting expenses	56.4	—	.1	—	56.5
General and administrative expenses	3.4	.4	9.4	81.5	⁽³⁾ 94.7
Amortization of other intangible assets	.3	—	—	2.3	2.6
Interest expense	3.2	—	—	.7	3.9
Total expenses	284.6	.5	9.9	88.0	383.0
Pre-tax (loss) income	\$ (16.8)	\$ 5.2	\$ (10.6)	\$ (64.7)	\$ (86.9)

Millions	HG Global/BAM				Total
	OneBeacon	HG	BAM ⁽¹⁾	Other Operations	
Nine Months Ended September 30, 2015					
Earned insurance premiums	\$ 887.3	\$ 1.7	\$.6	\$ 6.4	\$896.0
Net investment income	33.0	1.4	2.9	5.3	42.6
Net investment income (loss) - surplus note interest	—	11.9	(11.9)	—	—
Net realized and unrealized investment (losses) gains	(29.7)	.3	2.8	(7.3)	(33.9)
Other (loss) revenue	(.4)	—	.5	114.3	⁽²⁾ 114.4
Total revenues	890.2	15.3	(5.1)	118.7	1,019.1
Losses and LAE	527.9	—	—	6.2	534.1
Insurance acquisition expenses	161.2	.3	1.8	2.8	166.1
Other underwriting expenses	165.2	—	.3	—	165.5
General and administrative expenses	11.0	1.2	26.3	185.2	⁽³⁾ 223.7
Amortization of other intangible assets	1.0	—	—	6.9	7.9
Interest expense	9.7	—	—	1.1	10.8
Total expenses	876.0	1.5	28.4	202.2	1,108.1
Pre-tax income (loss)	\$ 14.2	\$ 13.8	\$ (33.5)	\$ (83.5)	\$ (89.0)

⁽¹⁾ BAM manages its affairs on a statutory accounting basis. BAM's statutory surplus includes surplus notes and is not reduced by accruals of interest expense on the surplus notes. BAM's statutory surplus is reduced only after a payment of principal or interest has been approved by the New York Department of Financial Services.

⁽²⁾ Includes \$27.6 and \$88.4 from MediaAlpha for the three months and nine months ended September 30, 2016, and \$28.3 and \$81.2 from MediaAlpha for the three months and nine months ended September 30, 2015.

⁽³⁾ Includes \$26.2 and \$82.7 from MediaAlpha for the three months and nine months ended September 30, 2016, and \$26.2 and \$75.8 from MediaAlpha for the three months and nine months ended September 30, 2015.

Note 14. Investments in Unconsolidated Affiliates

White Mountains's investments in unconsolidated affiliates represent investments in other companies in which White Mountains has a significant voting and economic interest but does not control the entity.

Symetra

In August 2015, Symetra announced it had entered into a definitive merger agreement with Sumitomo Life pursuant to which Sumitomo Life would acquire all of the outstanding shares of Symetra. Following the announcement and Symetra shareholders' November 5, 2015 meeting to approve the transaction, White Mountains relinquished its representation on Symetra's board of directors. As a result, White Mountains changed its accounting for Symetra common shares from the equity method to fair value as of December 31, 2015. During the fourth quarter of 2015, White Mountains recognized \$258.8 million (\$241.1 million after tax) of unrealized investment gains through net income, representing the difference between the carrying value of Symetra common shares under the equity method at the date of change and fair value at December 31, 2015. On February 1, 2016, Symetra closed its definitive merger agreement with Sumitomo Life and White Mountains received proceeds of \$658.0 million, or \$32.00 per common share. White Mountains recognized \$4.7 million in pre-tax net investment gains associated with Symetra in the first quarter of 2016.

During the three and nine months ended September 30, 2015, White Mountains received cash dividends from Symetra of \$12.5 million and \$16.9 million, which included a special dividend of \$10.3 million. The dividends were recorded as a reduction of White Mountains's investment in Symetra in accordance with equity method accounting. As of December 31, 2011, White Mountains concluded that its investment in Symetra common shares was other-than-temporarily impaired and wrote down the GAAP book value of the investment to its estimated fair value of or \$15 per share. This impairment, as well as the effect of Symetra capital transactions, resulted in a basis difference between the GAAP carrying value of White Mountains's investment in Symetra common shares under the equity method and the amount derived by multiplying the percentage of White Mountains common share ownership by Symetra's total GAAP equity. As of September 30, 2015, the pre-tax unamortized basis difference was \$160.8 million, of which \$32.6 million is attributable to equity in earnings of unconsolidated affiliates and \$128.2 million is attributable to equity in net unrealized gains of unconsolidated affiliates. The pre-tax basis difference was amortized over a 30-year period, based on estimated future cash flows associated with Symetra's underlying assets and liabilities to which the basis differences was attributed. White Mountains recognized the amortization of the basis difference through equity in earnings of unconsolidated affiliates and equity in net unrealized gains (losses) from investments in unconsolidated affiliates consistent with the original attribution of the basis differences between equity in earnings and equity in net unrealized gains (losses). For the three and nine months ended September 30, 2015, White Mountains recognized after-tax amortization of \$0.6 million and \$2.0 million and through equity in earnings of unconsolidated affiliates and \$2.6 million and \$8.1 million through equity in net unrealized gains from investments in unconsolidated affiliates.

The following table summarizes amounts recorded by White Mountains under the equity method relating to its investment in Symetra for the three and nine months ended September 30, 2015:

Millions	Three Months Ended September 30, 2015	Nine Months Ended September 30, 2015
Equity method carrying value of investment in Symetra at the beginning of the period	\$ 397.2	\$ 411.4
Equity in earnings ⁽¹⁾⁽²⁾	4.2	17.5
Equity in net unrealized gains (losses) from Symetra's fixed maturity portfolio ⁽³⁾	3.7	(31.8)
Dividends received	(12.5)	(16.9)
Distribution from Prospector Offshore Fund	—	12.4
Equity method carrying value of investment in Symetra at the end of the period ⁽⁴⁾	\$ 392.6	\$ 392.6

⁽¹⁾ For the three and nine months ended September 30, 2015, equity in earnings excludes tax expense of \$0.3 and \$1.1.

- (2) For the three and nine months ended September 30, 2015, equity in earnings includes \$0.7 and \$2.1 increase relating to the pre-tax amortization of the Symetra common share basis difference.
- (3) For the three and nine months ended September 30, 2015, net unrealized gains includes \$2.9 and \$8.6 increase relating to the pre-tax amortization of the Symetra common share basis difference.
- (4) Includes White Mountains's equity in net unrealized gains from Symetra's fixed maturity portfolio of \$5.7 as of September 30, 2015, which excludes tax expense of \$0.2.

Hamer

On May 27, 2015, White Mountains sold its interest in Hamer LLC, which resulted in a gain of \$20.0 million recorded in other revenue. Prior to the sale, White Mountains recorded equity in earnings of \$1.1 million and \$1.6 million for the three and six months ended June 30, 2015.

Note 15. Employee Share-Based Incentive Compensation Plans

White Mountains's Long-Term Incentive Plan (the "WTM Incentive Plan") provides for grants of various types of share-based and non share-based incentive awards to key employees and service providers of White Mountains. White Mountains's share-based compensation incentive awards consist of performance shares, restricted shares and stock options.

Share-Based Compensation Based on White Mountains Common Shares

WTM Performance Shares

Performance shares are conditional grants of a specified maximum number of common shares or an equivalent amount of cash. Awards generally vest at the end of a three-year period, are subject to the attainment of pre-specified performance goals, and are valued based on the market value of common shares at the time awards are paid. The following table summarizes performance share activity for the three and nine months ended September 30, 2016 and 2015 for performance shares granted under the WTM Incentive Plan:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2016	2015	2016	2015
	Target	Target	Target	Target
Millions, except share amounts	Performance Shares Outstanding	Accrued Expense	Performance Shares Outstanding	Accrued Expense
Beginning of period	73,297	\$ 32.5	106,572	\$ 28.8
Shares paid or expired ⁽¹⁾			(8,958)	(5.5)
New grants ⁽²⁾	6,400	—	22,615	—
Forfeitures and cancellations ⁽³⁾	(160)	(.1)	(3,960)	(.8)
Expense recognized	—	5.0	—	30.0
End of period ⁽⁴⁾	79,537	\$ 37.4	93,654	\$ 52.5

⁽¹⁾ WTM performance share payments in 2016 for the 2013-2015 performance cycle, which were paid in April 2016, ranged from 140% to 142% of target. WTM performance share payments in 2015 for the 2012-2014 performance cycle ranged from 88% to 131.5% of target.

⁽²⁾ In the third quarter of 2016 White Mountains granted 3,000 WTM performance shares for the 2015-2017 performance cycle and 3,400 WTM performance shares for the 2016-2018 performance cycle.

⁽³⁾ Amounts include changes in assumed forfeitures, as required under GAAP.

⁽⁴⁾ Outstanding performance share awards as of September 30, 2016 and 2015 both exclude 7,315 and 10,825 performance share awards granted to employees of Sirius Group.

For performance shares earned in the 2013-2015 performance cycle, the Company issued 5,000 common shares and settled the remainder in cash. For the 2012-2014 performance cycle, all performance shares earned were settled in cash. If all the outstanding WTM performance shares had vested on September 30, 2016, the total additional compensation cost to be recognized would have been \$26.9 million, based on accrual factors at September 30, 2016 (common share price and payout assumptions).

Performance Shares granted under the WTM Incentive Plan

The following table summarizes performance shares outstanding and accrued expense for performance shares awarded under the WTM Incentive Plan at September 30, 2016 for each performance cycle:

Millions, except share amounts	Target	
	Performance Shares Outstanding	Accrued Expense
Performance cycle:		
2016 – 2018	19,615	\$ 3.4
2015 – 2017	31,795	15.1
2014 – 2016	30,167	19.9
Sub-total	81,577	38.4
Assumed forfeitures	(2,040)	(1.0)
Total at September 30, 2016	79,537	\$ 37.4

Restricted Shares

The following table summarizes the unrecognized compensation cost associated with the outstanding restricted share awards for the three and nine months ended September 30, 2016 and 2015:

Millions, except share amounts	Three Months Ended September 30,				Nine Months Ended September 30,			
	2016		2015		2016		2015	
	Restricted Shares	Unamortized Issue Date Fair Value	Restricted Shares	Unamortized Issue Date Fair Value	Restricted Shares	Unamortized Issue Date Fair Value	Restricted Shares	Unamortized Issue Date Fair Value
Non-vested,								
Beginning of period	66,470	\$ 24.2	71,875	\$ 23.2	70,675	\$ 15.7	83,314	\$ 14.3
Issued	4,150	3.4			25,365	19.7	23,640	15.7
Vested	—	—	(1,200)	—	(24,620)	—	(36,279)	—
Forfeited	—	—	—	—	(800)	.2	—	—
Expense recognized ⁽¹⁾	—	(3.8)	—	(3.7)	—	(11.8)	—	(10.5)
End of period ⁽²⁾	70,620	\$ 23.8	70,675	\$ 19.5	70,620	\$ 23.8	70,675	\$ 19.5

⁽¹⁾ In connection with the sale of Sirius Group in the second quarter of 2016, White Mountains recognized \$1.4 from accelerating the amortization of the issue date fair value for shares issued to Sirius Group employees, who no longer have a service obligation to the Company.

⁽²⁾ Restricted share awards outstanding as of September 30, 2016 and 2015 include 2,512 and 3,572 restricted shares issued to employees of Sirius Group, which was accounted for as discontinued operations.

During the three and nine months ended September 30, 2016, White Mountains issued 4,150 and 25,365 restricted shares that vest on January 1, 2019. During the first nine months of 2015, White Mountains issued 23,640 restricted shares that vest on January 1, 2018. The unrecognized compensation cost at September 30, 2016 is expected to be recognized ratably over the remaining vesting periods.

Stock Options

Non-Qualified Options

As September 30, 2016 and December 31, 2015, the Company's Chairman and CEO held 120,000 and 125,000 Non-Qualified Options, which are exercisable at a fixed price of \$742 per common share and expire on January 20, 2017. The potential in-the-money value of the Non-Qualified Options in excess of \$100 million is limited to 50% of the excess amount. The Non-Qualified Options were fully amortized as of the first quarter in 2011.

On May 5, 2016, the Company's Chairman and CEO exercised 5,000 Non-Qualified Options at \$742 per common share.

Share-Based Compensation Based on OneBeacon Ltd. Common Shares

The OneBeacon Long-Term Incentive Plan (the “OneBeacon Incentive Plan”) provides for grants to key employees of OneBeacon various types of share-based and non share-based incentive awards. OneBeacon’s share-based incentive awards include OneBeacon performance shares and restricted shares.

OneBeacon Performance Shares

OneBeacon performance shares are conditional grants of a specified maximum number of common shares or an equivalent amount of cash. OneBeacon performance share awards generally vest at the end of a three-year period, are subject to the attainment of pre-specified performance goals, and are valued based on the market value of OneBeacon Ltd. common shares at the time awards are paid. The following table summarizes performance share activity for the three and nine months ended September 30, 2016 and 2015 for OneBeacon performance shares granted under the OneBeacon Incentive Plan:

Millions, except share amounts	Three Months Ended September 30, 2016		2015		Nine Months Ended September 30, 2016		2015	
	Target Performance Shares Outstanding	Accrued Expense	Target Performance Shares Outstanding	Accrued Expense	Target Performance Shares Outstanding	Accrued Expense	Target Performance Shares Outstanding	Accrued Expense
Beginning of period	441,206	\$ 1.0	462,147	\$ 2.4	449,435	\$ 1.4	517,470	\$ 3.4
Shares paid or expired ⁽¹⁾	—	—	—	—	(167,300)	(.7)	(181,290)	(1.5)
New grants	—	—	—	—	163,150	—	154,887	—
Assumed forfeitures and cancellations ⁽²⁾	—	—	—	—	(4,079)	—	(28,920)	—
Expense recognized	—	.3	—	(.3)	—	.6	—	.2
End of period	441,206	\$ 1.3	462,147	\$ 2.1	441,206	\$ 1.3	462,147	\$ 2.1

⁽¹⁾ OneBeacon performance share payments in 2016 for the 2013-2015 performance cycle were at 24.3% of target. OneBeacon performance share payments in 2015 for the 2012-2014 performance cycle were at 45.7% of target.

⁽²⁾ Amounts include changes in assumed forfeitures, as required under GAAP.

If the outstanding OneBeacon performance shares had been vested on September 30, 2016, the total additional compensation cost to be recognized would have been \$2.3 million, based on accrual factors at September 30, 2016 (common share price, accumulated dividends and payout assumptions).

The following table summarizes OneBeacon performance shares outstanding awarded under the OneBeacon Incentive Plan at September 30, 2016 for each performance cycle:

Millions, except share amounts	Target Performance Shares Outstanding	Accrued Expense
Performance cycle:		
2016 – 2018	163,150	\$.6
2015 – 2017	146,659	.7
2014 – 2016	142,710	—
Sub-total	452,519	1.3
Assumed forfeitures	(11,313)	—
Total at September 30, 2016	441,206	\$ 1.3

OneBeacon Restricted Shares

The following table summarizes the unrecognized compensation cost associated with the outstanding OneBeacon restricted stock awards for the three and nine months ended September 30, 2016 and 2015:

Millions, except share amounts	Three Months Ended September 30,				Nine Months Ended September 30,			
	2016		2015		2016		2015	
	Restricted Shares	Unamortized Issue Date Fair Value	Restricted Shares	Unamortized Issue Date Fair Value	Restricted Shares	Unamortized Issue Date Fair Value	Restricted Shares	Unamortized Issue Date Fair Value
Non-vested,								
Beginning of period	395,872	\$ 3.5	390,950	\$ 3.5	382,722	\$ 2.5	612,500	\$ 3.5
Issued	—	—	—	—	170,650	2.3	75,950	1.1
Vested	—	—	—	—	(157,500)	—	(296,000)	—
Forfeited	—	—	—	—	—	—	(1,500)	—
Expense recognized	—	(.7)	—	(.5)	—	(2.0)	—	(1.6)
End of period	395,872	\$ 2.8	390,950	\$ 3.0	395,872	\$ 2.8	390,950	\$ 3.0

On February 24, 2016, OneBeacon issued 170,650 shares of restricted stock, of which 92,500 restricted shares vest on February 24, 2018 and 78,150 vest on January 1, 2019. On February 24, 2015, OneBeacon issued 75,950 restricted shares, which vest on January 1, 2018.

On May 25, 2011, OneBeacon issued 630,000 restricted shares to its CEO that vest in four equal annual installments. The first installment vested on February 22, 2014. Concurrently with the grant of the restricted shares, 35,000 OneBeacon performance shares issued to OneBeacon's CEO for the 2011-2013 performance share cycle were forfeited and performance share awards to OneBeacon's CEO for the subsequent five years were reduced by 35,000 shares. As of September 30, 2016, unrecognized compensation expense of \$2.8 million related to restricted stock awards is expected to be recognized over the remaining vesting periods.

OneBeacon Restricted Stock Units

During the first nine months of 2016, the OneBeacon Compensation Committee awarded to certain employees 233,461 restricted stock units ("RSUs") that are scheduled to vest on December 31, 2018, of which, net of forfeiture assumptions, 219,112 were outstanding as of September 30, 2016. During the first nine months of 2015, the OneBeacon Compensation Committee awarded to certain employees 215,698 RSUs that are scheduled to vest on December 31, 2017, of which, net of forfeiture assumptions, 177,409 were outstanding as of September 30, 2016. The RSUs will be paid out in cash or shares at the discretion of the OneBeacon Compensation Committee. For the three and nine months ended September 30, 2016, the expense associated with the RSUs was \$0.5 million and \$1.4 million. For the three and nine months ended September 30, 2015, the expense associated with the RSUs was \$0.2 million and \$0.6 million.

Note 16. Fair Value of Financial Instruments

White Mountains accounts for its financial instruments at fair value with the exception of the OBH Senior Notes and MediaAlpha Bank Facility, which are recorded as debt at face value less unamortized original issue discount.

The following table summarizes the fair value and carrying value of these financial instruments as of September 30, 2016 and December 31, 2015:

Millions	September 30, 2016		December 31, 2015	
	Fair Value	Carrying Value	Fair Value	Carrying Value
OBH Senior Notes	\$277.8	\$ 273.1	\$276.4	\$ 272.9
MediaAlpha Bank Facility	15.7	15.4	15.0	14.7

The fair value estimate for the OBH Senior Notes has been determined using quoted market prices. The OBH Senior Notes are considered a Level 2 measurement.

The fair value estimate for the MediaAlpha Bank Facility has been determined based on a discounted cash flows approach and is considered to be a Level 3 measurement.

Note 17. Held for Sale and Discontinued Operations

Sirius Group

On April 18, 2016, White Mountains completed the sale of Sirius Group to CMI for approximately \$2.6 billion. \$161.8 million of this amount was used to purchase certain assets to be retained by White Mountains out of Sirius Group, including shares of OneBeacon. The amount paid at closing was based on an estimate of Sirius Group's closing date tangible common shareholder's equity. In the second quarter of 2016, White Mountains recorded \$366.6 million of gain from sale of Sirius Group in discontinued operations in the statement of operations and \$113.3 million in other comprehensive income from discontinued operations. In the third quarter of 2016, White Mountains recorded a \$4.0 million reduction to the gain from sale of Sirius Group in discontinued operations as a result of the final true-up of Sirius Group's closing date tangible common shareholder's equity.

For the nine months ended September 30, 2016, White Mountains recorded a \$4.3 million net loss from discontinued operations from Sirius Group and \$32.0 million of other comprehensive income.

Through April 18, 2016, Sirius Group's results are reported as discontinued operations and assets and liabilities held for sale within White Mountains's GAAP financial statements. Assets held for sale did not include White Mountains's investment in OneBeacon and certain other investments that are in the Sirius Group legal entities. As of December 31, 2015, the value of these investments, net of related tax effects, was \$686.2 million, of which \$528.6 million related to Symetra. Net income (loss) from discontinued operations does not include White Mountains's net investment income and realized and unrealized investment gains and losses associated with these investments. For the nine months ended September 30, 2016, \$3.7 million of net investment income and realized and unrealized investment gains and losses, net of related tax effects, that are included in the Sirius Group legal entities have been excluded from net income (loss) from discontinued operations. For the three and nine months ended September 30, 2015, \$0.8 million and \$3.5 million of net investment income and realized and unrealized investment gains and losses, net of related tax effects, that had been previously included in the Sirius Group legal entities have been excluded from net income (loss) from discontinued operations. As part of the sale of Sirius Group, White Mountains purchased Ashmere, a subsidiary formerly owned by Sirius Group. Ashmere was under an agreement to be sold as of September 30, 2016 and the sale was completed on October 12, 2016. As of September 30, 2016, Ashmere's assets and liabilities are presented as held for sale.

Tranzact

On June 9, 2016, White Mountains announced that it had entered into a definitive agreement for the sale of Tranzact to an affiliate of Clayton, Dubilier & Rice, LLC. On July 21, 2016, White Mountains completed the sale of Tranzact and received net proceeds of \$221.3 million. During the three and nine months ended September 30, 2016, White Mountains recorded \$51.9 million of gain from the sale of Tranzact in discontinued operations in the statement of operations. (See Note 2 - "Significant Transactions").

Through July 21, 2016, Tranzact's results of operations are reported as discontinued operations and assets and liabilities held for sale within White Mountains's GAAP financial statements. For the stub period ended July 21, 2016 and the nine months ended September 30, 2016, White Mountains recorded a net loss from discontinued operations of \$2.1 million and \$2.6 million from Tranzact. For the three and nine months ended September 30, 2015, White Mountains recorded a net loss from discontinued operations of \$7.7 million and \$14.2 million from Tranzact. At September 30, 2016, White Mountains also recorded a liability of \$2.8 million for escrow funds associated with the sale payable to the non-controlling interests.

White Mountains recognized a \$14.0 million tax benefit in continuing operations related to the reversal of a valuation allowance that resulted from the gain on the sale of Tranzact recognized within discontinued operations. This tax benefit was recorded in continuing operations with an offsetting amount of net tax expense recorded in discontinued operations; \$30.2 million of tax expense related to the valuation allowance reversal was recorded to gain from sale of Tranzact in discontinued operations and a \$16.1 million tax benefit related to the valuation allowance reversal was recorded to net income (loss) from discontinued operations.

Star & Shield

SSIE voluntarily ceased writing new policies effective July 1, 2016 and will voluntarily cease renewing policies at a future date, subject to regulatory approval. On August 19, 2016, White Mountains reached an agreement to sell Star & Shield and its investment in SSIE surplus notes to National General Holdings Corp. As a result, White Mountains has presented Star & Shield's and SSIE's assets and liabilities as held for sale as of September 30, 2016 and December 31, 2015.

OneBeacon Runoff

For the nine months ended September 30, 2015, White Mountains recorded \$0.3 million to the gain from sale of discontinued operations related to an adjustment on the estimated loss on sale, which included the final settlement of certain post-closing items. For the three and nine months ended September 30, 2015, the net loss from discontinued operations relating to the Runoff Business, net of tax, was \$0.1 million and \$0.4 million. The transaction to sell the Runoff Business was completed in December 2014.

Esurance

For the three and nine months ended September 30, 2015, White Mountains recorded a net gain from the sale of discontinued operations of \$10.3 million and \$17.9 million, which primarily related to an installment payment from Allstate for the favorable development on loss reserves. (See Note 18 - "Contingencies").

Summary of Reclassified Balances and Related Items

Net Assets Held for Sale

The following summarizes the assets and liabilities associated with business classified as held for sale. At December 31, 2015, amounts presented relate to Sirius Group, Tranzact, Star and Shield and SSIE. At September 30, 2016, the amounts presented relate to Star and Shield, SSIE and Ashmere, a subsidiary formerly owned by Sirius Group.

Millions	September 30, 2016	December 31, 2015
Assets held for sale		
Fixed maturity investments, at fair value	\$ 13.4	\$ 2,383.5
Short-term investments, at amortized cost (which approximates fair value)	1.3	352.1
Common equity securities, at fair value	—	174.4
Other long-term investments	—	72.2
Total investments	14.7	2,982.2
Cash	3.8	150.1
Reinsurance recoverable on unpaid losses	.6	283.6
Reinsurance recoverable on paid losses	—	10.2
Insurance and reinsurance premiums receivable	2.0	326.6
Deferred acquisition costs	—	74.6
Deferred tax asset	—	303.1
Ceded unearned insurance and reinsurance premiums	—	87.7
Accounts receivable on unsettled investment sales	—	29.0
Goodwill and other intangible assets	5.2	330.5
Other assets	.7	212.8
Total assets held for sale	\$ 27.0	\$ 4,790.4
Liabilities held for sale		
Loss and loss adjustment expense reserves	\$ 6.0	\$ 1,650.4
Unearned insurance and reinsurance premiums	1.6	344.3
Debt	—	506.4
Deferred tax liability	—	270.6
Accrued incentive compensation	—	64.2
Ceded reinsurance payable	(.5) 67.7
Funds held under reinsurance treaties	—	52.9
Other liabilities	.7	90.9
Total liabilities held for sale	7.8	3,047.4
Net assets held for sale	\$ 19.2	\$ 1,743.0

Net Income (Loss) from Discontinued Operations

The following summarizes the results of operations, including related income taxes associated with the business classified as discontinued operations. For the three and nine months ended September 30, 2016, the amounts presented relate to Sirius Group and Tranzact. For the three and nine months ended September 30, 2015, the amounts presented relate to Sirius Group, Tranzact, Esurance, and the OneBeacon's runoff business. The results of discontinued operations from Sirius Group and Tranzact up to the closing date of the transaction inure to White Mountains.

Millions	Three Months Ended September 30, 2016			Three Months Ended September 30, 2015		
	Sirius Group	Other Disc Ops	Total	Sirius Group	Other Disc Ops	Total
Revenues						
Earned insurance premiums	\$—	\$—	\$—	\$202.8	\$—	\$202.8
Net investment income	—	—	—	10.5	—	10.5
Net realized and unrealized losses	—	—	—	(.9)	—	(.9)
Other revenue	—	14.8	14.8	1.8	38.5	40.3
Total revenues	—	14.8	14.8	214.2	38.5	252.7
Expenses						
Loss and loss adjustment expenses	—	—	—	121.7	—	121.7
Insurance and reinsurance acquisition expenses	—	—	—	45.4	—	45.4
Other underwriting expenses	—	—	—	24.8	—	24.8
General and administrative expenses	—	16.2	16.2	9.4	45.3	54.7
Interest expense	—	.5	.5	6.6	1.0	7.6
Total expenses	—	16.7	16.7	207.9	46.3	254.2
Pre-tax (loss) income	—	(1.9)	(1.9)	6.3	(7.8)	(1.5)
Income tax expense (benefit)	—	15.9	15.9	(2.3)	—	(2.3)
Net income (loss) from discontinued operations	—	14.0	14.0	4.0	(7.8)	(3.8)
Net loss from sale of discontinued operations - Sirius	(4.0)	—	(4.0)	—	—	—
Net gain from sale of discontinued operations - Tranzact	—	51.9	51.9	—	—	—
Net gain from sale of discontinued operations - Esurance	—	—	—	—	10.3	10.3
Total (loss) income from discontinued operations	\$(4.0)	\$65.9	\$61.9	\$4.0	\$2.5	\$6.5
Change in foreign currency translation and other from discontinued operations	—	—	—	(18.5)	—	(18.5)
Comprehensive (loss) income from discontinued operations	\$(4.0)	\$65.9	\$61.9	\$(14.5)	\$2.5	\$(12.0)

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Millions	Nine Months Ended September 30, 2016			Nine Months Ended September 30, 2015		
	Sirius Group	Other Disc Ops	Total	Sirius Group	Other Disc Ops	Total
Revenues						
Earned insurance premiums	\$240.1	\$—	\$240.1	\$623.3	\$—	\$623.3
Net investment income	14.4	—	14.4	28.6	—	28.6
Net realized and unrealized (losses) gains	(1.5)	—	(1.5)	31.4	—	31.4
Other revenue	.6	119.6	120.2	(20.2)	110.6	90.4
Total revenues	253.6	119.6	373.2	663.1	110.6	773.7
Expenses						
Loss and loss adjustment expenses	154.9	—	154.9	311.3	—	311.3
Insurance and reinsurance acquisition expenses	59.0	—	59.0	135.5	—	135.5
Other underwriting expenses	30.9	—	30.9	78.0	—	78.0
General and administrative expenses	10.4	116.7	127.1	22.4	122.5	144.9
Interest expense	7.9	3.2	11.1	20.0	2.7	22.7
Total expenses	263.1	119.9	383.0	567.2	125.2	692.4
Pre-tax (loss) income	(9.5)	(.3)	(9.8)	95.9	(14.6)	81.3
Income tax benefit (expense)	3.1	13.8	16.9	(22.2)	—	(22.2)
Net (loss) income from discontinued operations	(6.4)	13.5	7.1	73.7	(14.6)	59.1
Net gain from sale of discontinued operations - Sirius	362.6	—	362.6	—	—	—
Net gain from sale of discontinued operations - Tranzact	—	51.9	51.9	—	—	—
Net gain from sale of discontinued operations - OneBeacon	—	—	—	—	.3	.3
Net gain from sale of discontinued operations - Esurance	—	—	—	—	17.9	17.9
Total income from discontinued operations	\$356.2	\$65.4	\$421.6	\$73.7	\$3.6	\$77.3
Change in foreign currency translation and other from discontinued operations	32.0	—	32.0	(62.1)	—	(62.1)
Change in foreign currency translation and other from sale of Sirius Group	113.3	—	113.3	—	—	—
Comprehensive income from discontinued operations	\$501.5	\$65.4	\$566.9	\$11.6	\$3.6	\$15.2

Net Change in Cash from Discontinued Operations

The following summarizes the net change in cash, including income tax (payment to) refund from national governments and interest paid associated with the business classified as discontinued operations:

(Millions)	Nine Months Ended September 30,	
	2016	2015
Net cash (used for) provided from operations	\$(16.2)	\$22.7
Net cash provided from investing activities	213.3	2.8
Net cash (used for) provided from financing activities	(.2)	19.6
Effect of exchange rate changes on cash	—	(4.1)
Net change in cash during the period	196.9	41.0
Cash balances at beginning of period	150.1	116.6
Net change in cash held for sale	2.6	—
Cash sold as part of sale of consolidated subsidiaries	345.8	—
Cash balances at end of period	\$3.8	\$157.6
Supplemental cash flows information:		
Interest paid	\$(1.4)	\$(28.1)

Net income tax payment to national governments \$(31.8) \$(30.3)

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Earnings Per Share

Basic earnings per share amounts are based on the weighted average number of common shares outstanding including unvested restricted shares that are considered participating securities. Diluted earnings per share amounts are based on the weighted average number of common shares including unvested restricted shares and the net effect of potentially dilutive common shares outstanding. The following table outlines the computation of earnings per share for discontinued operations for the three and nine months ended September 30, 2016 and 2015:

	Three Months Ended September 30, 2016		Nine Months Ended September 30, 2015	
Basic and diluted earnings per share numerators (in millions):				
Net income attributable to White Mountains's common shareholders	\$61.9	\$6.5	\$421.6	\$77.3
Allocation of income for participating unvested restricted common shares ⁽¹⁾	(.9)	(.1)	(5.1)	(.9)
Net income attributable to White Mountains's common shareholders, net of restricted common share amounts ⁽²⁾	\$61.0	\$6.4	\$416.5	\$76.4
Basic earnings per share denominators (in thousands):				
Total average common shares outstanding during the period	4,867.4	5,890.1	5,166.6	5,951.1
Average unvested restricted common shares ⁽³⁾	(68.1)	(70.9)	(62.9)	(67.1)
Basic earnings per share denominator	4,799.3	5,819.2	5,103.7	5,884.0
Diluted earnings per share denominator (in thousands):				
Total average common shares outstanding during the period ⁽⁴⁾	4,879.4	5,890.1	5,174.8	5,951.1
Average unvested restricted common shares ⁽³⁾	(68.1)	(70.9)	(62.9)	(67.1)
Diluted earnings per share denominator ⁽⁴⁾	4,811.3	5,819.2	5,111.9	5,884.0
Basic earnings per share (in dollars):	\$12.72	\$1.09	\$81.60	\$12.98
Diluted earnings per share (in dollars):	\$12.69	\$1.09	\$81.47	\$12.98

⁽¹⁾ Restricted shares issued by White Mountains contain dividend participation features, and therefore, are considered participating securities.

⁽²⁾ Net earnings attributable to White Mountains's common shareholders, net of restricted share amounts, is equal to undistributed earnings for the three and nine months ended September 30, 2016 and 2015.

⁽³⁾ Restricted common shares outstanding vest either in equal annual installments or upon a stated date. (See Note 15 - "Employee Share-Based Compensation Plans").

⁽⁴⁾ The diluted earnings per share denominator for the three and nine months ended September 30, 2016 includes the impact of 120,000 common shares issuable upon exercise of the non-qualified options outstanding, which results in 11,943 and 8,208 incremental shares outstanding over the periods.

Note 18. Contingencies

Legal Contingencies

White Mountains, and the insurance and reinsurance industry in general, are routinely subject to claims related litigation and arbitration in the normal course of business, as well as litigation and arbitration that do not arise from, or are directly related to, claims activity. White Mountains's estimates of the costs of settling matters routinely encountered in claims activity are reflected in the reserves for unpaid loss and LAE. (See Note 3 - "Loss and Loss Adjustment Expense Reserves").

White Mountains considers the requirements of ASC 450 when evaluating its exposure to non-claims related litigation and arbitration. ASC 450 requires that accruals be established for litigation and arbitration if it is probable that a loss has been incurred and it can be reasonably estimated. ASC 450 also requires that litigation and arbitration be disclosed if it is probable that a loss has been incurred or if there is a reasonable possibility that a loss may have been incurred. Although the ultimate outcome of claims and non-claims related litigation and arbitration, and the amount or range of potential loss at any particular time, is often inherently uncertain, management does not believe that the ultimate outcome of such claims and non-claims related litigation and arbitration will have a material adverse effect on White Mountains's financial condition, results of operations or cash flows.

The following summarizes significant legal contingencies, ongoing non-claims related litigation or arbitration as of September 30, 2016:

Sale of Sirius Group

On April 18, 2016, the Company completed the sale of Sirius Group to CMI pursuant a Stock Purchase Agreement dated as of July 24, 2015 (filed as an exhibit to the Company's current report on Form 8-K on July 27, 2015, the ("Agreement")). White Mountains has provided indemnification to CMI for certain representations and warranties made in the Agreement. Additionally, the final purchase price payable by CMI under the Agreement, which is based upon the tangible book value of Sirius Group at the closing date, was subject to a true-up process that was completed in the third quarter of 2016 and resulted in a reduction to the gain from sale of Sirius Group in discontinued operation of \$4.0 million.

Sale of Esurance

On October 7, 2011, the Company completed the sale of its Esurance and Answer Financial subsidiaries (the "Transferred Subsidiaries") to The Allstate Corporation ("Allstate") pursuant to a Stock Purchase Agreement dated as of May 17, 2011 (filed as an exhibit to the Company's current report on Form 8-K on May 18, 2011. Subject to specified thresholds and limits, the Company remains contingently liable to Allstate for specified matters related to the pre-closing period, including (a) specified litigation matters, (b) losses of the Transferred Subsidiaries arising from extra-contractual claims and claims in excess of policy limits ("ECO/EPL losses"), (c) certain corporate reorganizations effected to remove entities from the Transferred Subsidiaries that were not being sold in the transaction, and (d) certain tax matters, including certain net operating losses being less than stated levels. In addition, the Company retained 90% of positive or negative development in the loss reserves of the Transferred Subsidiaries as of the closing date (net of ECO/EPL losses) through December 31, 2014 (the "Reserve Settlement"). For the three and nine months ended September 30, 2015, White Mountains recorded a net gain from the sale of discontinued operations of \$10.3 million and an additional \$17.9 million related to the final settlement with Allstate for favorable development on loss reserves transferred in the sale of Esurance and Answer Financial. Since the closing of the transaction, White Mountains received a net amount of \$28.3 million from Allstate, primarily related to the favorable development on loss reserves.

Tribune Company

In June 2011, Deutsche Bank Trust Company Americas, Law Debenture Company of New York and Wilmington Trust Company (collectively referred to as “Plaintiffs”), in their capacity as trustees for certain senior notes issued by the Tribune Company (“Tribune”), filed lawsuits in various jurisdictions (the “Noteholder Actions”) against numerous defendants including OneBeacon, OneBeacon-sponsored benefit plans and other affiliates of White Mountains in their capacity as former shareholders of Tribune seeking recovery of the proceeds from the sale of common stock of Tribune in connection with Tribune’s leveraged buyout in 2007 (the “LBO”). Tribune filed for bankruptcy in 2008 in the Delaware bankruptcy court (the “Bankruptcy Court”). The Bankruptcy Court granted Plaintiffs permission to commence these LBO-related actions, and in 2011, the Judicial Panel on Multidistrict Litigation granted a motion to consolidate the actions for pretrial matters and transferred all such proceedings to the United States District Court for the Southern District of New York. Plaintiffs seek recovery of the proceeds received by the former Tribune shareholders on a theory of constructive fraudulent transfer asserting that Tribune purchased or repurchased its common shares without receiving fair consideration at a time when it was, or as a result of the purchases of shares, was rendered, insolvent. OneBeacon has entered into a joint defense agreement with other affiliates of White Mountains that are defendants in the action. OneBeacon received approximately \$32.0 million for Tribune common stock tendered in connection with the LBO.

The Court granted an omnibus motion to dismiss the Noteholder Actions in September 2013 and the plaintiffs appealed. On March 29, 2016, a three judge panel of the U.S. Second Circuit Court of Appeals affirmed the dismissal of the Noteholders Action. On July 22, 2016, the Plaintiff’s petition to the Second Circuit for reconsideration or for a rehearing en banc was denied in full. On September 9, 2016, the Plaintiffs filed for a writ of certiorari, seeking review in the United States Supreme Court.

In addition, OneBeacon, OneBeacon-sponsored benefit plans and other affiliates of White Mountains in their capacity as former shareholders of Tribune, along with thousands of former Tribune shareholders, have been named as defendants in an adversary proceeding brought by the Official Committee of Unsecured Creditors of the Tribune Company (the “Committee”), on behalf of the Tribune Company, which seeks to avoid the repurchase of shares by Tribune in the LBO on a theory of intentional fraudulent transfer (the “Committee Action”). Tribune emerged from bankruptcy in 2012, and a litigation trustee replaced the Committee as plaintiff in the Committee Action. This matter was consolidated for pretrial matters with the Noteholder Actions in the United States District Court for the Southern District of New York and was stayed pending the motion to dismiss in the Noteholder Action. An omnibus motion to dismiss the shareholder defendants in the Committee Action was filed in May 2014. No amount has been accrued in connection with this matter as of September 30, 2016, as the amount of loss, if any, cannot be reasonably estimated.

Note 19. OneBeacon Pension Plan

OneBeacon previously sponsored the OneBeacon qualified pension plan (the “Qualified Plan”). During the nine months ended September 30, 2016, the Qualified Plan finalized its termination by purchasing group annuity contracts from the Principal Financial Group (“Principal Financial”), and making lump sum distributions to Qualified Plan participants electing such payments, which eliminated the remaining Qualified Plan liability. In the third quarter of 2016, OneBeacon received a refund from Principal Financial related to the final settlement of the Qualified Plan and recognized a pre-tax settlement gain of \$3.2 million. As of September 30, 2016, OneBeacon no longer has a projected benefit obligation with respect to the Qualified Plan. During 2016, OneBeacon transferred \$47.1 million of excess invested assets from the Qualified Plan into the trust supporting the OneBeacon 401(k) Savings and Employee Stock Ownership Plan (“KSOP”), which OneBeacon determined to be the Qualified Replacement Plan (“QRP”). As of September 30, 2016, an additional \$12.6 million of excess invested assets remain in the Qualified Plan trust for potential post-termination obligations of that plan, as approved in a private letter ruling from the IRS received in the first quarter of 2016. The invested assets related to both the Qualified Plan and the QRP are included in other assets and are accounted for at fair value with related income recognized in net other revenues (expenses).

OneBeacon continues to sponsor a non-qualified, non-contributory, defined benefit pension plan (“Non-qualified Plan”) covering certain employees who were employed as of December 31, 2001 and former employees who had met the eligibility requirements, as well as retirees. The Non-qualified Plan was frozen and curtailed in 2002, resulting in the

pension benefit obligation being equal to the accumulated benefit obligation. The benefits are based primarily on years of service and employees' compensation through December 31, 2002. OneBeacon's funding policy is generally to contribute amounts to satisfy actual disbursements for the calendar year.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.

The following discussion contains "forward-looking statements". White Mountains intends statements that are not historical in nature, which are hereby identified as forward-looking statements, to be covered by the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. White Mountains cannot promise that its expectations in such forward-looking statements will turn out to be correct. White Mountains's actual results could be materially different from and worse than its expectations. See "FORWARD-LOOKING STATEMENTS" for specific important factors that could cause actual results to differ materially from those contained in forward-looking statements.

The following discussion also includes three non-GAAP financial measures - adjusted comprehensive income (loss), adjusted book value per share and total adjusted capital - that have been reconciled to their most comparable GAAP financial measures (see page 76).

RESULTS OF OPERATIONS FOR THE THREE AND NINE MONTHS ENDED SEPTEMBER 30, 2016 AND 2015

Overview

White Mountains ended the third quarter of 2016 with book value per share and adjusted book value per share of \$798 and \$802. Book value per share and adjusted book value per share both increased 2% and 15% for the third quarter and first nine months of 2016, including dividends. Comprehensive income attributable to common shareholders increased to \$92 million and \$592 million in the third quarter and first nine months of 2016 compared to comprehensive loss attributable to common shareholders of \$74 million and \$62 million in the third quarter and first nine months of last year. The results for the third quarter of 2016 were driven by an \$82.1 million increase to book value and adjusted book value (\$16 per share based on 5.028 million shares outstanding at July 21, 2016) from the sale of Tranzact recorded in the third quarter of 2016. The results for the first nine months of 2016 were also driven by a \$90 increase to book value per share and adjusted book value per share (based on 5.357 million shares outstanding at April 18, 2016) from the \$480 million gain on the sale of Sirius Group recorded in the second quarter of 2016. See Note 2 - "Significant Transactions".

During the third quarter of 2016, White Mountains repurchased and retired 389,373 of its common shares for \$319 million at an average share price of \$820.17, or approximately 102% of White Mountains's September 30, 2016 adjusted book value per share. Year-to-date through October 31, 2016, White Mountains has repurchased 1,094,795 common shares for a total of \$878 million.

OneBeacon's book value per share increased 3% and 10% for the third quarter and first nine months of 2016, including dividends. OneBeacon's GAAP combined ratio was 96% and 98% for the third quarter and first nine months of 2016, compared to 99% and 96% for the third quarter and first nine months of last year. OneBeacon had no net loss reserve development in the third quarter of 2016 and 2 points of net unfavorable loss reserve development in the first nine months of 2016, while loss reserve development was not significant in the third quarter and first nine months of last year. The expense ratio was 37% for both the third quarter and first nine months of 2016, compared to 39% and 36% for the third quarter and first nine months of last year. The expense ratio for the third quarter of 2016 benefited from the impact of a \$3 million reduction from the final settlement of OneBeacon's qualified pension plan obligations. The increase in the expense ratio for the first nine months of 2016 compared to the first nine months of last year was primarily due to lower premium volume and changing business mix. The results for the first nine months of 2016 also included a \$16 million tax benefit related to the settlement of IRS examinations for tax years 2007-2012.

White Mountains's total net written premiums increased 11% to \$335 million in the third quarter of 2016 and decreased 3% to \$896 million in the first nine months of 2016. In the third quarter of 2015, OneBeacon exited its crop business, which reduced net written premiums by \$36 million and \$9 million in the third quarter and the first nine months of 2015. Excluding the exited crop business, White Mountains's net written premiums decreased 1% and 4% in the third quarter and first nine months of 2016 versus the comparable periods of 2015, reflecting persistent soft market conditions.

In the third quarter of 2016, BAM insured \$3.0 billion of municipal bonds, \$2.7 billion of which were in the primary market. In the first nine months of 2016, BAM insured \$8.5 billion of municipal bonds, \$7.9 billion of which were in the primary market. As of September 30, 2016, BAM's total claims paying resources were \$629 million on total par insured of \$30.5 billion. Total claims paying resources increased \$28 million from December 31, 2015, reflecting positive cashflow. In the second quarter of 2016, Puerto Rico defaulted on more than \$700 million of general obligation bonds. BAM has no exposure to Puerto Rico, as its underwriting guidelines exclude insuring territorial debts.

The GAAP total return on invested assets was 0.9% for the third quarter of 2016 compared to a return of -0.5% for the third quarter of 2015. The fixed income portfolio return for the third quarter of 2016 was just ahead of the longer duration Bloomberg Barclays U.S. Intermediate Aggregate Index. The portfolio of common equity securities and other long-term investments (including high-yield fixed maturity investments) return for the third quarter of 2016 was just behind the S&P 500 Index, primarily due to unfavorable performance from other long-term investments due to write downs to energy-exposed private equity funds, mostly offset by favorable performance of common equity securities in separate accounts managed by third party advisers and favorable mark-to market adjustments to the OneBeacon surplus notes.

The GAAP total return on invested assets was 3.3% for the first nine months of 2016 compared to a return of -0.3% for the first nine months of 2015. The fixed income portfolio return for the first nine months of 2016 underperformed the Bloomberg Barclays U.S. Intermediate Aggregate Index, primarily due to the short duration positioning of the portfolio as interest rates declined over the course of the nine month period. The portfolio of common equity securities and other long-term investments (including high-yield fixed maturity investments) return for the first nine months of 2016 underperformed the S&P 500 Index, primarily due to unfavorable performance in other long-term investments, partially offset by favorable mark-to market adjustments to the OneBeacon surplus notes. (See Summary of Investment Results on page 64).

Adjusted Book Value Per Share

The following table presents White Mountains's adjusted book value per share and reconciles this non-GAAP measure to the most comparable GAAP measure. (See NON-GAAP FINANCIAL MEASURES on page 76).

	September 30, 2016	June 30, 2016	December 31, 2015	September 30, 2015
Book value per share numerators (in millions):				
White Mountains's common shareholders' equity	\$3,652.2	\$3,875.2	\$3,913.2	\$3,745.5
Equity in net unrealized (gains) Symetra's fixed maturity portfolio, net of applicable taxes	—	—	—	(5.5)
Future proceeds from options ⁽¹⁾	89.0	89.0	—	—
Adjusted book value per share numerator	\$3,741.2	\$3,964.2	\$3,913.2	\$3,740.0
Book value per share denominators (in thousands of shares):				
Common shares outstanding	4,578.7	4,963.9	5,623.7	5,745.0
Unearned restricted shares	(31.8)	(33.2)	(25.0)	(31.4)
Options assumed issued ⁽¹⁾	120.0	120.0	—	—
Adjusted book value per share denominator	4,666.9	5,050.7	5,598.7	5,713.6
Book value per share	\$797.65	\$780.67	\$695.84	\$651.97
Adjusted book value per share	\$801.66	\$784.90	\$698.95	\$654.58
Year-to-date dividends paid per share	\$1.00	\$1.00	\$1.00	\$1.00

⁽¹⁾ Adjusted book value per share at September 30, 2016 and June 30, 2016 includes the impact of 120,000 non-qualified stock options exercisable for \$742 per common share. Prior periods exclude the non-qualified stock options, which were anti-dilutive to book value.

Goodwill and Other Intangible Assets

The following table is a summary of goodwill and other intangible assets that are included in White Mountains's adjusted book value as of September 30, 2016, December 31, 2015, and September 30, 2015:

Millions	September 30, 2016	December 31, 2015	September 30, 2015
Goodwill			
MediaAlpha	\$ 18.3	\$ 18.3	\$ 18.3
Wobi	5.8	5.8	5.8
Total goodwill	24.1	24.1	24.1
Other intangible assets			
MediaAlpha	20.7	24.4	26.4
Wobi and other	14.5	6.9	7.5
Total other intangible assets	35.2	31.3	33.9
Total goodwill and other intangible assets ⁽¹⁾	59.3	55.4	58.0
Goodwill and other intangible assets held for sale	5.2	331.9	333.9
Goodwill and other intangible assets attributed to non-controlling interests	(19.0)	(136.4)	(138.1)
Goodwill and other intangible assets included in book value	\$ 45.5	\$ 250.9	\$ 253.8

(1) See Note 6 - "Goodwill and Other Intangible Assets" for details of other intangible assets.

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Review of Consolidated Results

White Mountains's consolidated financial results for the three and nine months ended September 30, 2016 and 2015 follow:

Millions	Three Months Ended		Nine Months Ended	
	September 30, 2016	September 30, 2015	September 30, 2016	September 30, 2015
Gross written premiums	\$363.9	\$370.9	\$984.0	\$1,086.4
Net written premiums	\$334.8	\$302.5	\$895.5	\$927.1
Revenues				
Earned insurance premiums	\$281.3	\$284.9	\$838.1	\$896.0
Net investment income	22.5	16.8	59.6	42.6
Net realized and unrealized investment gains (losses)	26.4	(43.9)	84.0	(33.9)
Other revenue — other	34.8	38.3	110.8	114.4
Total revenues	365.0	296.1	1,092.5	1,019.1
Expenses				
Losses and LAE	165.0	170.0	508.1	534.1
Insurance acquisition expenses	56.4	55.3	159.2	166.1
Other underwriting expenses	49.6	56.5	156.0	165.5
General and administrative expenses	67.2	94.7	221.0	223.7
General and administrative expenses—intangible asset amortization	3.0	2.6	9.4	7.9
Interest expense	3.8	3.9	12.4	10.8
Total expenses	345.0	383.0	1,066.1	1,108.1
Pre-tax income (loss) from continuing operations	20.0	(86.9)	26.4	(89.0)
Income benefit (expense)	6.7	1.6	22.4	(.8)
Net income (loss) from continuing operations	26.7	(85.3)	48.8	(89.8)
Net gain on sale of Tranzact, net of tax	51.9	—	51.9	—
Net (loss) gain on sale of Sirius Group, net of tax	(4.0)	—	362.6	—
Net gain on sale of other discontinued operations, net of tax	—	10.3	—	18.2
Net income (loss) from discontinued operations, net of tax	14.0	(3.8)	7.1	59.1
Equity in earnings of unconsolidated affiliates, net of tax	—	3.9	—	18.0
Net income (loss)	88.6	(74.9)	470.4	5.5
Net (income) loss attributable to non-controlling interests	3.1	16.0	(24.6)	24.2
Net income (loss) attributable to White Mountains's common shareholders	91.7	(58.9)	445.8	29.7
Change in net unrealized gains (losses) from Symetra's fixed maturity portfolio, net of tax	—	3.5	—	(29.4)
Change in foreign currency translation and pension liability, net of tax	.2	.1	.3	.3
Change in foreign currency translation and other from discontinued operations, net of tax	—	(18.5)	32.0	(62.1)
Change in foreign currency translation and other from sale of Sirius Group, net of tax	—	—	113.3	—
Comprehensive income (loss)	91.9	(73.8)	591.4	(61.5)
Comprehensive loss (income) attributable to non-controlling interests	.1	(.1)	.1	(.1)
Comprehensive income (loss) attributable to White Mountains's common shareholders	92.0	(73.9)	591.5	(61.6)
Change in net unrealized (losses) gains from Symetra's fixed maturity portfolio, net of tax	—	(3.5)	—	29.4
Adjusted comprehensive income (loss)	\$92.0	\$(77.4)	\$591.5	\$(32.2)

Consolidated Results - Three Months Ended September 30, 2016 versus Three Months Ended September 30, 2015
White Mountains's total revenues increased 23% to \$365 million in the third quarter of 2016, driven primarily by higher net realized and unrealized investment gains. Earned insurance premiums decreased 1% to \$281 million, mostly reflecting actions taken in recent quarters to exit underperforming lines and accounts at OneBeacon. Net realized and unrealized investment gains increased to \$26 million in the third quarter of 2016 compared to a loss of \$44 million in the third quarter of 2015. Net investment income was \$23 million in the third quarter of 2016 compared to \$17 million in the third quarter of 2015 primarily due to a higher fixed maturity asset base. (See Summary of Investment Results on page 64).

White Mountains's total expenses decreased 10% to \$345 million in the third quarter of 2016. Losses and LAE decreased by 3% in the third quarter of 2016, primarily from lower business volume at OneBeacon. Insurance acquisition expenses increased 2% in the third quarter of 2016, primarily from amounts ceded in the third quarter of 2015 related to OneBeacon's exit from its Crop Business. Other underwriting expenses decreased by 12% in the third quarter of 2016, driven by a \$3 million reduction from the final settlement of OneBeacon's qualified pension plan obligations and lower business volume at OneBeacon. OneBeacon's loss ratio decreased 1 point to 59% in the third quarter of 2016, driven by improved results in the Ocean Marine and Accident businesses in the third quarter of 2016 compared to the third quarter of 2015, partially offset by a reduction in the third quarter 2015 loss ratio from ceded loss and loss adjustment expenses related to the exit of the Crop Business that did not recur in the third quarter of 2016. OneBeacon's expense ratio decreased 2 points to 37% in the third quarter of 2016, primarily due to a pre-tax gain of \$3 million recorded in other underwriting expenses for the final settlement of OneBeacon's qualified pension plan obligations. See OneBeacon on page 55.

General and administrative expenses decreased 29% to \$67 million in the third quarter of 2016 as higher compensation expenses, driven by the rising market price of White Mountains's common shares during 2016, were more than offset by the impact from \$36 million of incentive compensation expense recorded in the third quarter of 2015 related to the agreements to sell Sirius Group and Symetra.

White Mountains's effective tax rate for the three months ended September 30, 2016 was (33.5)%. White Mountains's income tax benefit related to pre-tax income from continuing operations for the three months ended September 30, 2016 was different from the U.S. statutory rate of 35% due to changes in forecasted earnings by jurisdiction used in determining interim tax expense. The rate was also impacted by a \$14 million tax benefit recognized in continuing operations related to the reversal of a valuation allowance that resulted from income that was recognized within discontinued operations.

Consolidated Results - Nine Months Ended September 30, 2016 versus Nine Months Ended September 30, 2015
White Mountains's total revenue increased 7% to \$1,093 million in the first nine months of 2016, driven primarily by higher realized and unrealized investment gains and net investment income, partially offset by lower earned premiums. Net realized and unrealized investment gains increased to \$84 million compared to a loss of \$34 million in the first nine months of 2015. Net investment income was \$60 million in the third quarter of 2016 compared to \$43 million in the third quarter of 2015 primarily due to a higher fixed maturity asset base. (See Summary of Investment Results on page 64). Earned insurance premiums decreased by \$58 million, or 6%, to \$838 million, mostly reflecting actions taken in recent quarters to exit underperforming lines and accounts at OneBeacon.

White Mountains's total expenses decreased 4% to \$1,066 million in the first nine months of 2016. Losses and LAE, insurance acquisition expenses and other underwriting expenses decreased by 5%, 4% and 6% in the first nine months of 2016, primarily from lower business volume at OneBeacon. OneBeacon's loss ratio increased 1 point to 61% in the first nine months of 2016, primarily due to net unfavorable loss reserve development from its Healthcare and Programs businesses. OneBeacon's expense ratio increased by 1 point to 37% compared to the first nine months of 2015, primarily from the adverse impact of lower business volume and increased commissions from changes in business mix that more than offset reduced salary and incentive compensation expense driven by headcount reductions. See OneBeacon on page 55.

General and administrative expenses decreased 1% to \$221 million in the first nine months of 2016 driven by lower incentive compensation expenses.

White Mountains's effective tax rate for the nine months ended September 30, 2016 was (84.9)%. White Mountains's income tax benefit related to pre-tax income from continuing operations for the nine months ended September 30, 2016 was different from the U.S. statutory rate of 35% due to changes in forecasted earnings by jurisdiction used in determining interim tax expense. The rate was also impacted by \$16 million from favorable settlements of OneBeacon's 2007-2009 and 2010-2012 IRS exams, and by a \$14 million tax benefit recognized in continuing operations related to the reversal of a valuation allowance that resulted from income that was recognized within discontinued operations.

I. Summary of Operations By Segment

White Mountains conducts its operations through three segments: (1) OneBeacon, (2) HG Global/BAM and (3) Other Operations. While investment results are included in each segment, White Mountains manages the majority of its investments contained within the segments through its wholly-owned subsidiary, WM Advisors. Accordingly, a discussion of White Mountains's consolidated investment operations is included after the discussion of operations by segment. White Mountains's segment information is presented in Note 13 - "Segment Information" to the Consolidated Financial Statements.

As a result of the Sirius Group and the Tranzact sales, the results of operations for Sirius Group and Tranzact have been classified as discontinued operations and are now presented separately, net of related income taxes, in the statement of comprehensive income. Prior year amounts have been reclassified to conform to the current period's presentation. (See Note 17 - "Held for Sale and Discontinued Operations").

OneBeacon

Financial results and GAAP ratios for OneBeacon for the three and nine months ended September 30, 2016 and 2015 follow:

Millions	Three Months Ended		Nine Months Ended		
	September 30, 2016	September 30, 2015	September 30, 2016	September 30, 2015	
Gross written premiums	\$351.6	\$358.8	\$948.1	\$1,053.0	
Net written premiums	\$324.1	\$292.9	\$865.2	\$901.2	
Earned insurance premiums	\$277.9	\$281.4	\$827.9	\$887.3	
Net investment income	11.8	12.4	38.3	33.0	
Net realized and unrealized investment gains (losses)	15.5	(29.9)	56.8	(29.7)	
Other revenue	1.8	3.9	3.5	(.4)	
Total revenues	307.0	267.8	926.5	890.2	
Losses and LAE	162.8	167.5	501.3	527.9	
Insurance acquisition expenses	55.1	53.8	154.8	161.2	
Other underwriting expenses	49.4	56.4	155.6	165.2	
General and administrative expenses	3.2	3.4	10.0	11.0	
General and administrative expenses—intangible asset amortization ³	.3	.3	.9	1.0	
Interest expense	3.3	3.2	9.8	9.7	
Total expenses	274.1	284.6	832.4	876.0	
Pre-tax income (loss)	\$32.9	\$(16.8)	\$94.1	\$14.2	
GAAP ratios:					
Losses and LAE	59	% 60	% 61	% 60	%
Expense	37	% 39	% 37	% 36	%
Combined	96	% 99	% 98	% 96	%

The following table presents OneBeacon's book value per share:

(Millions, except per share amounts)	September 30, 2016	June 30, 2016	December 31, 2015	September 30, 2015
OneBeacon book value per share:				
OneBeacon's common shareholders' equity	\$ 1,031.7	\$1,022.2	\$ 1,000.9	\$ 1,000.4
OneBeacon common shares outstanding	94.3	94.3	95.1	95.3
OneBeacon book value per common share ⁽¹⁾	\$ 10.93	\$10.83	\$ 10.53	\$ 10.50

⁽¹⁾ OneBeacon declared and paid a regular quarterly dividend of \$.21 per common share in each of the first three quarters of 2016 and each quarter during 2015.

OneBeacon ended the third quarter of 2016 with a book value per share of \$10.93, an increase of 2.9% and 10.0% for the third quarter and first nine months of 2016, including dividends. The increase in book value for the first nine months of 2016 included a \$16 million tax benefit related to the settlement of IRS examinations for tax years 2007-2012.

OneBeacon Results—Three Months Ended September 30, 2016 versus Three Months Ended September 30, 2015
OneBeacon's GAAP combined ratio was 96% for the third quarter of 2016 compared to 99% for the third quarter of 2015. The loss ratio decreased by 1 point to 59% in the third quarter of 2016 compared to the third quarter of last year, driven by improved results in the Ocean Marine and Accident businesses in the third quarter of 2016 compared to the third quarter of last year, partially offset by a reduction in the third quarter 2015 loss ratio from ceded loss and loss adjustment expenses related to the exit of the Crop Business that did not recur in the third quarter of 2016 (see "Crop Exit" below). Loss reserve development was not significant in either the third quarter of 2016 or the third quarter of 2015. The expense ratio decreased by 2 points to 37% in the third quarter of 2016 compared to the third quarter of 2015, driven by a pre-tax gain of \$3 million recorded in other underwriting expenses for the final settlement of OneBeacon's qualified pension plan obligations. The expense ratio was also lower for the third quarter of 2016 compared to last year due to lower salary expense from headcount reductions, partially offset by the impact of lower premium volume and changing business mix. In addition, the expense ratio for the third quarter of 2015 was adversely impacted from ceding earned premiums in connection with the exit of the Crop Business.

OneBeacon's net written premiums increased 11% to \$324 million in the third quarter of 2016. In the third quarter of 2015, OneBeacon exited its crop business, which reduced net written premiums by \$36 million in the third quarter of 2015. Excluding the exited crop business, net written premiums decreased 1% in the third quarter of 2016 compared to the third quarter of 2015, primarily due to reduced written premiums in OneBeacon's Programs (\$9 million) and Entertainment (\$8 million) businesses mostly offset by growth in many of OneBeacon's other lines of business.

Reinsurance protection. OneBeacon purchases reinsurance in order to minimize loss from large risks or catastrophic events. OneBeacon also purchases individual property reinsurance coverage for certain risks to reduce large loss volatility through property-per-risk excess of loss reinsurance programs and individual risk facultative reinsurance. OneBeacon also maintains excess of loss casualty reinsurance programs that provide protection for individual risks or catastrophe losses involving workers' compensation, general liability, automobile liability, professional liability or umbrella liability. The availability and cost of reinsurance protection is subject to market conditions, which are outside of management's control. Limiting risk of loss through reinsurance arrangements serves to mitigate the impact of large losses; however, the cost of this protection in an individual period may exceed the benefit.

OneBeacon's net combined ratio was higher than the gross combined ratio by 3 points for the third quarter of 2016 as a result of the cost of the reinsurance programs more than offsetting the benefits from ceded losses. OneBeacon's net combined ratio for the third quarter of 2015 was lower than the gross combined ratio by 7 points as a result of the impact in the quarter of entering into the 100% quota share reinsurance agreement related to the Crop Business.

OneBeacon Results—Nine Months Ended September 30, 2016 versus Nine Months Ended September 30, 2015
OneBeacon's GAAP combined ratio was 98% for the first nine months of 2016 compared to 96% for the first nine months of 2015. The loss ratio increased 1 point to 61% due to the net unfavorable loss reserve development related to OneBeacon's Healthcare business described below, as well as the Other Professional Lines and Programs businesses, partially offset by favorable loss reserve development in its Technology, Accident and Financial Services businesses. Loss reserve development was not significant in the first nine months of 2015. The expense ratio increased by 1 point to 37% compared to the first nine months of 2015, primarily from the adverse impact of lower business volume and increased commissions from changes in business mix that more than offset reduced salary and incentive compensation expense driven by headcount reductions.

Second quarter unfavorable loss reserve development. During the second quarter of 2016, OneBeacon recognized \$20 million of unfavorable loss reserve development and also increased the current accident year provision related to its Healthcare business. Paid and incurred activity in the second quarter for extended care facilities coverage within OneBeacon's Healthcare business increased above expectations and above what was experienced in the first quarter of 2016. Extended care facilities coverage provides liability insurance for assisted living, memory care and continuing care facilities, among others. In addition, there were two large claims from the managed care errors and omissions coverage within OneBeacon's Healthcare business that contributed to the adverse loss reserve development.

OneBeacon's net written premiums decreased 4% to \$865 million in the first nine months of 2016. During 2015, OneBeacon exited its crop business, which reduced net written premiums by \$9 million in the first nine months of 2015. Excluding the exited crop business, net written premiums decreased 5% in the first nine months of 2016

compared to the first nine months of 2015, primarily due to reduced written premiums in OneBeacon's Programs (\$20 million), Healthcare (\$17 million) and Entertainment (\$17 million) businesses.

Reinsurance protection. OneBeacon's net combined ratio was higher than the gross combined ratio by 4 points for the first nine months of 2016 and 1 point for the first nine months of 2015. In both periods, the net combined ratio was higher than the gross combined ratio as a result of the cost of the reinsurance programs more than offsetting the benefits from ceded losses.

In the first nine months of 2016, OneBeacon also completed the termination of its qualified pension plan, fully eliminating the associated liabilities from its balance sheet, and recognized after-tax income of \$2 million. (See Note 19 - "OneBeacon Pension Plan").

Crop Exit. On July 31, 2015, OneBeacon exited its multiple peril crop insurance ("MPCI") and its related crop-hail business (collectively, "Crop Business") as its exclusive managing general agency, Climate Crop Insurance Agency ("CCIA"), exited the business through a sale of the agency to an affiliate of AmTrust Financial Services, Inc. ("AmTrust"). AmTrust reinsured OneBeacon's remaining net Crop Business exposure for the 2015 reinsurance year. As a result of this transaction, OneBeacon has no material net exposure related to the Crop Business. For the three months ended September 30, 2015, OneBeacon recorded ceded written premiums of \$36 million, ceded earned premiums of \$17 million, ceded loss and loss adjustment expenses of \$15 million and ceded insurance acquisition expenses of \$3 million as a result of the transaction. OneBeacon also received a payment of \$3 million in connection with the termination of its agreement with CCIA, which has been recorded in other revenue.

HG Global/BAM

The following table presents the components of pre-tax income included in White Mountains's HG Global/BAM segment related to the consolidation of HG Global, which includes HG Re and its other wholly-owned subsidiaries, and BAM for the three and nine months ended September 30, 2016 and 2015:

Millions	Three Months Ended September 30, 2016			
	HG Global	BAM	Eliminations	Total
Gross written premiums	\$—	\$9.2	\$ —	\$9.2
Assumed (ceded) written premiums	6.2	(6.2)	—	—
Net written premiums	\$6.2	\$3.0	\$ —	\$9.2
Earned insurance premiums	\$1.2	\$.3	\$ —	\$1.5
Net investment income	.6	1.7	—	2.3
Net investment income - BAM Surplus Notes	4.5	—	(4.5)	—
Net realized and unrealized investment losses	(.3)	(1.6)	—	(1.9)
Other revenue	—	.4	—	.4
Total revenues	6.0	.8	(4.5)	2.3
Insurance acquisition expenses	.2	.6	—	.8
Other underwriting expenses	—	.1	—	.1
General and administrative expenses	.6	9.3	—	9.9
Interest expense—BAM Surplus Notes	—	4.5	(4.5)	—
Total expenses	.8	14.5	(4.5)	10.8
Pre-tax income (loss)	\$5.2	\$(13.7)	\$ —	\$(8.5)
Supplemental information:				
Member Surplus Contributions ⁽¹⁾	\$—	\$11.5	\$ —	\$11.5

Millions	Three Months Ended September 30, 2015			
	HG Global	BAM	Eliminations	Total
Gross written premiums	\$—	\$7.0	\$ —	\$7.0
Assumed (ceded) written premiums	5.2	(5.2)) —	—
Net written premiums	\$5.2	\$1.8	\$ —	\$7.0
Earned insurance premiums	\$.6	\$.3	\$ —	\$.9
Net investment income	.5	1.1	—	1.6
Net investment income - BAM Surplus Notes	4.0	—	(4.0)	—
Net realized and unrealized investment gains	.6	1.7	—	2.3
Other revenue	—	.2	—	.2
Total revenues	5.7	3.3	(4.0)	5.0
Insurance acquisition expenses	.1	.4	—	.5
Other underwriting expenses	—	.1	—	.1
General and administrative expenses	.4	9.4	—	9.8
Interest expense—BAM Surplus Notes	—	4.0	(4.0)	—
Total expenses	.5	13.9	(4.0)	10.4
Pre-tax income (loss)	\$5.2	\$(10.6)	\$ —	\$(5.4)
Supplemental information:				
Member Surplus Contributions ⁽¹⁾	\$—	\$8.8	\$ —	\$8.8
	Nine Months Ended September 30, 2016			
Millions	HG Global	BAM	Eliminations	Total
Gross written premiums	\$—	\$24.9	\$ —	\$24.9
Assumed (ceded) written premiums	18.0	(18.0)) —	—
Net written premiums	\$18.0	\$6.9	\$ —	\$24.9
Earned insurance premiums	\$3.1	\$1.0	\$ —	\$4.1
Net investment income	1.6	5.1	—	6.7
Net investment income - BAM Surplus Notes	13.4	—	(13.4)	—
Net realized and unrealized investment gains	2.3	6.5	—	8.8
Other revenue	—	.8	—	.8
Total revenues	20.4	13.4	(13.4)	20.4
Insurance acquisition expenses	.6	1.9	—	2.5
Other underwriting expenses	—	.3	—	.3
General and administrative expenses	1.4	28.1	—	29.5
Interest expense—BAM Surplus Notes	—	13.4	(13.4)	—
Total expenses	2.0	43.7	(13.4)	32.3
Pre-tax income (loss)	\$18.4	\$(30.3)	\$ —	\$(11.9)
Supplemental information:				
Member Surplus Contributions ⁽¹⁾	\$—	\$28.2	\$ —	\$28.2

Millions	Nine Months Ended September 30, 2015			
	HG Global	BAM	Eliminations	Total
Gross written premiums	\$—	\$17.8	\$ —	\$17.8
Assumed (ceded) written premiums	13.3	(13.3)	—	—
Net written premiums	\$13.3	\$4.5	\$ —	\$17.8
Earned insurance premiums	\$1.7	\$.6	\$ —	\$2.3
Net investment income	1.4	2.9	—	4.3
Net investment income - BAM Surplus Notes	11.9	—	(11.9)	—
Net realized and unrealized investment gains	.3	2.8	—	3.1
Other revenue	—	.5	—	.5
Total revenues	15.3	6.8	(11.9)	10.2
Insurance acquisition expenses	.3	1.8	—	2.1
Other underwriting expenses	—	.3	—	.3
General and administrative expenses	1.2	26.3	—	27.5
Interest expense—BAM Surplus Notes	—	11.9	(11.9)	—
Total expenses	1.5	40.3	(11.9)	29.9
Pre-tax income (loss)	\$13.8	\$(33.5)	\$ —	\$(19.7)
Supplemental information:				
Member Surplus Contributions ⁽¹⁾	\$—	\$20.3	\$ —	\$20.3

⁽¹⁾ Member Surplus Contributions are recorded directly to BAM's equity, which is recorded as non-controlling interest on White Mountains's balance sheet.

HG Global/BAM Results—Three Months Ended September 30, 2016 versus Three Months Ended September 30, 2015
BAM is a mutual insurance company whose affairs are managed on a statutory accounting basis, and it does not report stand-alone GAAP financial results. BAM is owned by its members. Each municipal issuer insured by BAM becomes a “member” of BAM. The cost of policies issued by BAM is comprised of a risk premium, which is recorded as gross written premiums, and a contribution to BAM’s qualified statutory capital (a “Member Surplus Contribution”). In the third quarter of 2016, BAM insured \$3.0 billion of municipal bonds, \$2.7 billion of which were in the primary market, compared to \$2.2 billion of municipal bonds, \$2.0 billion of which were in the primary market, insured in the third quarter of 2015. The average total premium (including both risk premiums and Member Surplus Contributions), weighted by insured par, of insurance provided by BAM in the primary markets in the third quarter of 2016 was 64 basis points, up from 62 basis points in the third quarter of 2015. Gross written premiums and Member Surplus Contributions totaled \$21 million for the third quarter of 2016, compared to \$16 million for the third quarter of 2015. As a mutual insurance company that is owned by its members, BAM’s results do not affect White Mountains’s book value per share and adjusted book value per share. However, White Mountains is required to consolidate BAM’s results in its GAAP financial statements and its results are attributed to non-controlling interests.

HG Global reported GAAP pre-tax income of \$5 million in both the third quarter of 2016 and the third quarter of last year. Results for the third quarter of 2016 were driven by \$5 million of interest income on the BAM Surplus Notes. The interest income on the BAM Surplus Notes was \$4 million in the third quarter of 2015. The variable rate was set at 3.54% and 3.15% as of September 30, 2016 and December 31, 2015.

White Mountains reported \$14 million of GAAP pre-tax loss from BAM in the third quarter of 2016, compared to \$11 million in the third quarter of 2015. Results for the third quarter of 2016 were driven by \$5 million of interest expense on the BAM Surplus Notes and \$9 million of operating expenses, compared to \$4 million interest expense and \$9 million of operating expenses in the third quarter of 2015. The increase in pre-tax loss in the third quarter of 2016 was primarily due to lower investment results. BAM’s statutory net loss was \$8 million in both the third quarter of 2016 and the third quarter of last year.

HG Global/BAM Results—Nine Months Ended September 30, 2016 versus Nine Months Ended September 30, 2015
 In the first nine months of 2016, BAM insured \$8.5 billion of municipal bonds, \$7.9 billion of which were in the primary market, compared to \$7.8 billion of municipal bonds, \$7.3 billion of which were in the primary market, insured in the first nine months of 2015. The average total premium (including both risk premiums and Member Surplus Contributions), weighted by insured par, of insurance provided by BAM in the primary markets in the first nine months of 2016 was 59 basis points, up from 44 basis points in the first nine months of 2015. Gross written premiums and Member Surplus Contributions totaled \$53 million for the first nine months of 2016, compared to \$38 million for the first nine months of 2015.

HG Global reported GAAP pre-tax income of \$18 million in the first nine months of 2016, compared to \$14 million in the first nine months of 2015. Results for the first nine months of 2016 were driven by \$13 million of interest income on the BAM Surplus Notes, compared to \$12 million of interest income in the first nine months of 2015. The increase in the interest income is due to the increase in the variable rate of the BAM Surplus Notes which is set annually. The variable rate was set at 3.54% and 3.15% as of September 30, 2016 and December 31, 2015. The increase in pre-tax income in the first nine months of 2016 compared to prior year was primarily due to higher realized and unrealized investment gains and higher earned premiums.

White Mountains reported \$30 million of GAAP pre-tax loss from BAM in the first nine months of 2016, compared to \$34 million in the first nine months of 2015. Results for the first nine months of 2016 were driven by \$13 million of interest expense on the BAM Surplus Notes and \$28 million of operating expenses, compared to \$12 million interest expense and \$26 million of operating expenses in the first nine months of 2015. The decrease in pre-tax loss in the first nine months of 2016 compared to prior year was primarily due to higher net investment income and higher realized and unrealized investment gains partially offset by higher general and administrative expenses. BAM's statutory net loss was \$24 million in both the first nine months of 2016 and the first nine months of 2015.

BAM's "claims-paying resources" represent the capital BAM has available to pay claims and, as such, is a key indication of BAM's financial strength. BAM's claims-paying resources include BAM's qualified statutory capital, including Member Surplus Contributions, net unearned premiums and the first loss reinsurance protection provided by HG Re, which is collateralized and held in trusts. BAM expects Member Surplus Contributions and HG Re's reinsurance protection to be the primary drivers of continued growth of its claims-paying resources.

As of September 30, 2016, BAM's claims paying resources increased 5% to \$629 million from December 31, 2015. The increase was primarily driven by \$28 million of Member Surplus Contributions and a \$18 million increase in the HG Re collateral trusts, partially offset by BAM's first nine months of 2016 statutory net loss of \$24 million.

The following table presents BAM's total claims paying resources as of September 30, 2016 and December 31, 2015:

Millions	As of September 30, 2016	As of December 31, 2015
Policyholders' surplus	\$ 432.8	\$ 437.2
Contingency reserve	19.9	12.4
Qualified statutory capital	452.7	449.6
Net unearned premiums	18.8	12.5