

# **Assured Guaranty Municipal Corp.**

## **Consolidated Financial Statements**

**December 31, 2016 and 2015**

**ASSURED GUARANTY MUNICIPAL CORP.**

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## **Report of Independent Auditors**

To the Board of Directors of Assured Guaranty Municipal Corp.:

We have audited the accompanying consolidated financial statements of Assured Guaranty Municipal Corp. and its subsidiaries (the "Company"), which comprise the consolidated balance sheets as of December 31, 2016 and December 31, 2015, and the related consolidated statements of operations, of comprehensive income, of shareholder's equity and of cash flows for the years then ended.

### ***Management's Responsibility for the Consolidated Financial Statements***

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on the consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the Company's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### ***Opinion***

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Assured Guaranty Municipal Corp. and its subsidiaries at December 31, 2016 and December 31, 2015, and the results of their operations and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

/s/ PricewaterhouseCoopers LLP

New York, New York  
March 17, 2017

**Assured Guaranty Municipal Corp.**  
**Consolidated Balance Sheets**  
(dollars in millions except per share and share amounts)

	As of December 31, 2016	As of December 31, 2015
<b>Assets</b>		
Investment portfolio:		
Fixed-maturity securities, available-for-sale, at fair value (amortized cost of \$5,325 and \$5,901)	\$ 5,388	\$ 6,090
Short-term investments, at fair value	143	257
Other invested assets (includes Surplus Note from affiliate of \$300 in 2016 and 2015)	357	360
Total investment portfolio	5,888	6,707
Cash	29	22
Premiums receivable	326	425
Ceded unearned premium reserve	788	845
Reinsurance recoverable on unpaid losses	192	154
Salvage and subrogation recoverable	249	109
Credit derivative assets	7	63
Deferred tax asset, net	176	103
Financial guaranty variable interest entities' assets, at fair value	644	735
Other assets	149	132
<b>Total assets</b>	<b>\$ 8,448</b>	<b>\$ 9,295</b>
<b>Liabilities and shareholder's equity</b>		
Unearned premium reserve	\$ 2,487	\$ 2,933
Loss and loss adjustment expense reserve	686	488
Reinsurance balances payable, net	137	118
Notes payable	10	13
Credit derivative liabilities	97	154
Current income tax payable	75	16
Financial guaranty variable interest entities' liabilities with recourse, at fair value	602	713
Financial guaranty variable interest entities' liabilities without recourse, at fair value	110	121
Other liabilities	229	295
<b>Total liabilities</b>	<b>4,433</b>	<b>4,851</b>
Commitments and contingencies (See Note 14)		
Preferred stock (\$1,000 par value, 5,000.1 shares authorized; 0 shares issued and outstanding)	—	—
Common stock (\$73,171 par value, 205 shares authorized, issued and outstanding in 2016 and \$45,455 par value, 330 shares authorized, issued and outstanding in 2015)	15	15
Additional paid-in capital	676	975
Retained earnings	2,994	2,967
Accumulated other comprehensive income, net of tax of \$22 and \$66	35	110
<b>Total shareholder's equity attributable to Assured Guaranty Municipal Corp.</b>	<b>3,720</b>	<b>4,067</b>
Noncontrolling interest	295	377
<b>Total shareholder's equity</b>	<b>4,015</b>	<b>4,444</b>
<b>Total liabilities and shareholder's equity</b>	<b>\$ 8,448</b>	<b>\$ 9,295</b>

The accompanying notes are an integral part of these consolidated financial statements.

**Assured Guaranty Municipal Corp.**  
**Consolidated Statements of Operations**  
(in millions)

	<b>Year Ended December 31,</b>	
	<b>2016</b>	<b>2015</b>
<b>Revenues</b>		
Net earned premiums	\$ 445	\$ 404
Net investment income	238	282
Net realized investment gains (losses):		
Other-than-temporary impairment losses	(36)	(32)
Less: portion of other-than-temporary impairment loss recognized in other comprehensive income	8	(1)
Net impairment loss	(44)	(31)
Other net realized investment gains (losses)	6	4
Net realized investment gains (losses)	(38)	(27)
Net change in fair value of credit derivatives:		
Realized gains (losses) and other settlements	(18)	17
Net unrealized gains (losses)	51	117
Net change in fair value of credit derivatives	33	134
Fair value gains (losses) on committed capital securities	1	12
Fair value gains (losses) on financial guaranty variable interest entities	25	32
Other income (loss)	19	19
<b>Total revenues</b>	<b>723</b>	<b>856</b>
<b>Expenses</b>		
Loss and loss adjustment expenses	200	110
Amortization of deferred ceding commissions	(14)	(14)
Interest expense	0	(2)
Other operating expenses	115	107
<b>Total expenses</b>	<b>301</b>	<b>201</b>
<b>Income (loss) before income taxes</b>	<b>422</b>	<b>655</b>
Provision (benefit) for income taxes:		
Current	122	88
Deferred	(18)	98
<b>Total provision (benefit) for income taxes</b>	<b>104</b>	<b>186</b>
<b>Net income (loss)</b>	<b>318</b>	<b>469</b>
Less: Noncontrolling interest	44	39
<b>Net income (loss) attributable to Assured Guaranty Municipal Corp.</b>	<b>\$ 274</b>	<b>\$ 430</b>

The accompanying notes are an integral part of these consolidated financial statements.

**Assured Guaranty Municipal Corp.**  
**Consolidated Statements of Comprehensive Income**  
(in millions)

	Year Ended December 31,	
	2016	2015
<b>Net income (loss)</b>	<b>\$ 318</b>	<b>\$ 469</b>
Unrealized holding gains (losses) arising during the period on:		
Investments with no other-than-temporary impairment, net of tax provision (benefit) of \$(47) and \$(27)	(90)	(49)
Investments with other-than-temporary impairment, net of tax provision (benefit) of \$(9) and \$(20)	(16)	(37)
Unrealized holding gains (losses) arising during the period, net of tax	(106)	(86)
Less: reclassification adjustment for gains (losses) included in net income (loss), net of tax provision (benefit) of \$(12) and \$(6)	(23)	(11)
<b>Other comprehensive income (loss)</b>	<b>(83)</b>	<b>(75)</b>
<b>Comprehensive income (loss)</b>	<b>235</b>	<b>394</b>
Less: Comprehensive income (loss) attributable to noncontrolling interest	36	38
<b>Comprehensive income (loss) attributable to Assured Guaranty Municipal Corp.</b>	<b>\$ 199</b>	<b>\$ 356</b>

The accompanying notes are an integral part of these consolidated financial statements.

**Assured Guaranty Municipal Corp.**  
**Consolidated Statements of Shareholder's Equity**  
**Years Ended December 31, 2016 and 2015**  
**(dollars in millions, except share data)**

	Common Shares Outstanding	Common Stock Par Value	Additional Paid-In Capital	Retained Earnings	Accumulated Other Comprehensive Income	Total Shareholder's Equity Attributable to Assured Guaranty Municipal Corp.	Noncontrolling Interest	Total Shareholder's Equity
<b>Balance at December 31, 2014</b>	<b>330</b>	<b>\$ 15</b>	<b>\$ 1,000</b>	<b>\$ 2,752</b>	<b>\$ 184</b>	<b>\$ 3,951</b>	<b>\$ 339</b>	<b>\$ 4,290</b>
Net income	—	—	—	430	—	430	39	469
Dividends	—	—	—	(215)	—	(215)	—	(215)
Other comprehensive loss	—	—	—	—	(74)	(74)	(1)	(75)
Return of capital	—	—	(25)	—	—	(25)	—	(25)
<b>Balance at December 31, 2015</b>	<b>330</b>	<b>15</b>	<b>975</b>	<b>2,967</b>	<b>110</b>	<b>4,067</b>	<b>377</b>	<b>4,444</b>
Net income	—	—	—	274	—	274	44	318
Dividends	—	—	—	(247)	—	(247)	(114)	(361)
Common stock repurchases (See Note 10)	(125)	—	(300)	—	—	(300)	—	(300)
Other comprehensive loss	—	—	—	—	(75)	(75)	(8)	(83)
Return of capital	—	—	—	—	—	—	(4)	(4)
Other	—	—	1	—	—	1	—	1
<b>Balance at December 31, 2016</b>	<b>205</b>	<b>15</b>	<b>676</b>	<b>2,994</b>	<b>35</b>	<b>3,720</b>	<b>295</b>	<b>4,015</b>

The accompanying notes are an integral part of these consolidated financial statements.

**Assured Guaranty Municipal Corp.**  
**Consolidated Statements of Cash Flows**  
(in millions)

	<b>Year Ended December 31,</b>	
	<b>2016</b>	<b>2015</b>
<b>Operating Activities:</b>		
Net Income	\$ 318	\$ 469
Adjustments to reconcile net income to net cash flows provided by operating activities:		
Net amortization of premium (discount) on investments	(9)	(32)
Provision (benefit) for deferred income taxes	(18)	98
Net realized investment losses (gains)	38	18
Net unrealized losses (gains) on credit derivatives	(51)	(117)
Fair value losses (gains) on committed capital securities	(1)	(12)
Change in deferred ceding commissions, net	(2)	(3)
Change in premiums receivable, net of premiums payable	90	(3)
Change in unearned premium reserve net of ceded unearned premium reserve	(389)	(379)
Change in loss and loss adjustment expense reserve and salvage and subrogation, net	26	20
Change in current income tax	59	(41)
Change in financial guaranty variable interest entities' assets and liabilities, net	(14)	(4)
(Purchases) sales of trading securities, net	—	8
Other	(22)	19
<b>Net cash flows provided by (used in) operating activities</b>	<b>25</b>	<b>41</b>
<b>Investing activities</b>		
Fixed-maturity securities:		
Purchases	(654)	(1,193)
Sales	488	566
Maturities	731	515
Net sales (purchases) of short-term investments	114	195
Net proceeds from paydowns on financial guaranty variable interest entities' assets	118	253
Other	(10)	33
<b>Net cash flows provided by (used in) investing activities</b>	<b>787</b>	<b>369</b>
<b>Financing activities</b>		
Dividends paid to Assured Guaranty Municipal Holdings Inc.	(247)	(215)
Dividends paid to AGC (see Note 10)	(114)	—
Repurchases of common stock	(300)	—
Return of capital to AGC (see Note 10)	(4)	—
Repayment of notes payable	(2)	(4)
Net paydowns of financial guaranty variable interest entities' liabilities	(135)	(166)
Repayment of Surplus Notes	—	(25)
<b>Net cash flows provided by (used in) financing activities</b>	<b>(802)</b>	<b>(410)</b>
Effect of foreign exchange rate changes	(3)	(1)
<b>Increase (decrease) in cash</b>	<b>7</b>	<b>(1)</b>
Cash at beginning of period	22	23
<b>Cash at end of period</b>	<b>\$ 29</b>	<b>\$ 22</b>
<b>Supplemental cash flow information</b>		
Cash paid (received) during the period for:		
Income taxes	\$ 57	\$ 120
Interest	\$ 0	\$ 0

The accompanying notes are an integral part of these consolidated financial statements.



**Assured Guaranty Municipal Corp.**  
**Notes to Consolidated Financial Statements**  
**December 31, 2016 and 2015**

**1. Business and Basis of Presentation**

**Business**

Assured Guaranty Municipal Corp. (AGM, or together with its direct and indirect subsidiaries, the Company), a New York domiciled insurance company, is a wholly owned subsidiary of Assured Guaranty Municipal Holdings Inc. (AGMH). AGMH is an indirect and wholly owned subsidiary of Assured Guaranty Ltd. (AGL and, together with its subsidiaries, Assured Guaranty). AGL is a Bermuda-based holding company that provides, through its operating subsidiaries, credit protection products to the United States (U.S.) and international public finance (including infrastructure) and structured finance markets. AGM was formerly known as Financial Security Assurance Inc.

The Company applies its credit underwriting judgment, risk management skills and capital markets experience primarily to offer financial guaranty insurance that protects holders of debt instruments and other monetary obligations from defaults in scheduled payments. If an obligor defaults on a scheduled payment due on an obligation, including a scheduled principal or interest payment (debt service), the Company is required under its unconditional and irrevocable financial guaranty to pay the amount of the shortfall to the holder of the obligation. Obligations insured by the Company include bonds issued by U.S. state or municipal governmental authorities and notes issued to finance international infrastructure projects. AGM had previously offered insurance and reinsurance in the global structured finance market, but has not done so since mid-2008. AGM and its indirect subsidiary Municipal Assurance Corp. (MAC) each markets its financial guaranty insurance directly to issuers and underwriters of public finance securities as well as to investors in such obligations. The Company guarantees obligations issued principally in the U.S. and the United Kingdom (U.K.), and also guarantees obligations issued in other countries and regions, including Australia and Western Europe.

In the past, the Company sold credit protection by issuing policies that guaranteed payment obligations under credit derivatives, primarily credit default swaps (CDS). Contracts accounted for as credit derivatives are generally structured such that the circumstances giving rise to the Company's obligation to make loss payments are similar to those for financial guaranty insurance contracts. The Company's credit derivative transactions are governed by International Swaps and Derivative Association, Inc. (ISDA) documentation. The Company has not entered into any new CDS in order to sell credit protection since 2008. Regulatory guidelines were issued in 2009 that limited the terms under which such protection could be sold. The capital and margin requirements applicable under the Dodd-Frank Wall Street Reform and Consumer Protection Act also contributed to the Company not entering into such new CDS in the U.S. since 2009. The Company actively pursues opportunities to terminate existing CDS, which have the effect of reducing future fair value volatility in income and/or reducing rating agency capital charges.

**Basis of Presentation**

The consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) and, in the opinion of management, reflect all adjustments that are of a normal recurring nature, necessary for a fair statement of the financial condition, results of operations and cash flows of the Company and its consolidated financial guaranty variable interest entities (FG VIEs) for the periods presented. 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.

The consolidated financial statements include the accounts of AGM, its direct and indirect subsidiaries (collectively, the Subsidiaries), and its consolidated FG VIEs. Intercompany accounts and transactions between and among all consolidated entities have been eliminated. Certain prior year balances have been reclassified to conform to the current year's presentation.

AGM's direct and indirect subsidiaries are as follows:

- Assured Guaranty (Europe) Ltd. (AGE), organized in the U.K. and 100% owned by AGM;

- Municipal Assurance Holdings Inc. (MAC Holdings), incorporated in Delaware and 60.7% owned by AGM and 39.3% owned by AGM's affiliate, Assured Guaranty Corp. (AGC). MAC Holdings owns 100% of MAC, domiciled in New York.

## Significant Accounting Policies

The Company revalues assets, liabilities, revenue and expenses denominated in non-U.S. currencies into U.S. dollars using applicable exchange rates. Gains and losses relating to AGM's foreign currency transactions are reported in the consolidated statement of operations.

The chief operating decision maker manages the operations of the Company at a consolidated level. Therefore, all results of operations are reported as one segment.

Other significant accounting policies are included in the following notes.

### Significant Accounting Policies

Expected loss to be paid (insurance, credit derivatives and FG VIE contracts)	Note 4
Contracts accounted for as insurance (premium revenue recognition, loss and loss adjustment expense and policy acquisition cost)	Note 5
Fair value measurement	Note 6
Credit derivatives (at fair value)	Note 7
Variable interest entities (at fair value)	Note 8
Investments and cash	Note 9
Income taxes	Note 11

## Future Application of Accounting Standards

### Income Taxes

In October 2016, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2016-16, Income Taxes (Topic 740) - Intra-Entity Transfers of Assets Other Than Inventory, which removes the current prohibition against immediate recognition of the current and deferred income tax effects of intra-entity transfers of assets other than inventory. Under the ASU, the selling (transferring) entity is required to recognize a current income tax expense or benefit upon transfer of the asset. Similarly, the purchasing (receiving) entity is required to recognize a deferred tax asset or deferred tax liability, as well as the related deferred tax benefit or expense, upon receipt of the asset. The ASU is effective for annual periods beginning after December 15, 2017, including interim periods within those annual periods, and early adoption is permitted. The ASU's amendments are to be applied on a modified retrospective basis recognizing the effects in retained earnings as of the beginning of the year of adoption. The Company is currently evaluating the effect on its Consolidated Financial Statements of adopting this ASU.

### Statement of Cash Flows

In November 2016, the FASB issued ASU 2016-18, *Statement of Cash Flows (Topic 230): Restricted Cash* (a consensus of the Emerging Issues Task Force), which addresses the presentation of changes in restricted cash and restricted cash equivalents in the statement of cash flows with the objective of reducing the existing diversity in practice. Under the ASU, entities are required to show the changes in the total of cash, cash equivalents, restricted cash and restricted cash equivalents in the statement of cash flows. As a result, entities will no longer present transfers between cash and cash equivalents and restricted cash and restricted cash equivalents in the statement of cash flows. When cash, cash equivalents, restricted cash and restricted cash equivalents are presented in more than one line item on the balance sheet, the ASU requires a reconciliation be presented either on the face of the statement of cash flows or in the notes to the financial statements showing the totals in the statement of cash flows to the related captions in the balance sheet. The ASU is effective for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. If the ASU is adopted in an interim period, any adjustments should be reflected as of the beginning of the fiscal year that includes that interim period. This ASU will not have a material impact on the Company's Consolidated Statements of Cash Flows.

In August 2016, the FASB issued ASU 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments* (a consensus of the Emerging Issues Task Force), which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice. The issues addressed in the new guidance include debt prepayment or debt extinguishment costs, settlement of zero-coupon debt instruments, contingent consideration payments made after a business combination, proceeds from the settlement of insurance claims, proceeds from the settlement of corporate-owned life insurance policies, including bank-owned life insurance policies, distributions received from equity method investments, beneficial interests in securitization transactions and separately identifiable cash flows and application of the predominance principle. The amendments in this ASU are effective for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. If an entity early adopts the amendments in an interim period, any adjustments should be reflected as of the beginning of the fiscal year that includes that interim period. An entity that elects early adoption must adopt all of the amendments in the same period. This ASU will not have a material impact on the Company's Consolidated Statements of Cash Flows.

### ***Credit Losses on Financial Instruments***

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*. The amendments in this ASU are intended to improve financial reporting by requiring timelier recording of credit losses on loans and other financial instruments held by financial institutions and other organizations. The ASU requires the measurement of all expected credit losses for financial assets held at the reporting date based on historical experience, current conditions, and reasonable and supportable forecasts. Financial institutions will use forward-looking information to better inform their credit loss estimates as a result of the ASU. While many of the loss estimation techniques applied today will still be permitted, the inputs to those techniques will change to reflect the full amount of expected credit losses. The ASU requires enhanced disclosures to help investors and other financial statement users to better understand significant estimates and judgments used in estimating credit losses, as well as credit quality and underwriting standards of an organization's portfolio.

In addition, the ASU amends the accounting for credit losses on available-for-sale securities and purchased financial assets with credit deterioration. The ASU also eliminates the concept of "other than temporary" from the impairment model for certain available-for-sale securities. Accordingly, the ASU states that an entity must use an allowance approach, must limit the allowance to an amount at which the security's fair value is less than its amortized cost basis, may not consider the length of time fair value has been less than amortized cost, and may not consider recoveries in fair value after the balance sheet date when assessing whether a credit loss exists. For purchased financial assets with credit deterioration, the ASU requires an entity's method for measuring credit losses to be consistent with its method for measuring expected losses for originated and purchased non-credit-deteriorated assets.

The ASU is effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years. For most debt instruments, entities will be required to record a cumulative-effect adjustment to the statement of financial position as of the beginning of the first reporting period in which the guidance is adopted. The changes to the impairment model for available-for-sale securities and changes to purchased financial assets with credit deterioration are to be applied prospectively. For the Company, this would be as of January 1, 2020. Early adoption is permitted for fiscal years, and interim periods with those fiscal years, beginning after December 15, 2018. The Company is currently evaluating the effect on its Consolidated Financial Statements of adopting this ASU.

### ***Share-Based Payments***

In March 2016, the FASB issued ASU 2016-09, *Compensation - Stock Compensation (Topic 718) - Improvements to Employee Share-Based Payment*, which simplifies several aspects of the accounting for employee share-based payment transactions, including the accounting for income taxes, forfeitures, and statutory tax withholding requirements, as well as classification in the statement of cash flows. The new guidance will require all income tax effects of awards to be recognized in the income statement when the awards vest or are settled. It also will allow an employer to repurchase more of an employee's shares than it can today for tax withholding purposes without triggering liability accounting and to make a policy election to account for forfeitures as they occur. The ASU is effective for fiscal years beginning after December 15, 2016, including interim periods within those fiscal years, and early adoption is permitted. The Company does not expect that the ASU will have a material effect on its Consolidated Financial Statements.

### ***Leases***

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*. This ASU requires lessees to present right-of-use assets and lease liabilities on the balance sheet. ASU 2016-02 is to be applied using a modified retrospective approach at

the beginning of the earliest comparative period in the financial statements. The ASU is effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. Early adoption is permitted. The Company is evaluating the impact that this ASU will have on its Consolidated Financial Statements.

## **Financial Instruments**

In January 2016, the FASB issued ASU 2016-01, *Financial Instruments - Overall (Subtopic 825-10) - Recognition and Measurement of Financial Assets and Financial Liabilities*. The amendments in this ASU are intended to make targeted improvements to GAAP by addressing certain aspects of recognition, measurement, presentation, and disclosure of financial instruments. Under the ASU, certain equity securities will need to be accounted for at fair value with changes in fair value recognized through net income. Currently, the Company recognizes unrealized gains and losses for these securities in OCI. Another amendment pertains to liabilities that an entity has elected to measure at fair value in accordance with the fair value option for financial instruments. For these liabilities, the portion of fair value change related to credit risk will be separately presented in OCI. Currently, the entire change in the fair value of these liabilities is reflected in the income statement. The Company elected the fair value option to account for its consolidated FG VIEs. FG VIE financial liabilities with recourse are sensitive to changes in the Company's implied credit worthiness and will be impacted by the ASU.

The ASU is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Entities will be required to record a cumulative-effect adjustment to the statement of financial position as of the beginning of the fiscal year in which the guidance is adopted. For the Company, this would be as of January 1, 2018. Early adoption is permitted only for the amendment related to the change in presentation of financial liabilities that are fair valued using the fair value option. The Company does not expect that the amendment related to certain equity securities will have a material effect on its Consolidated Financial Statements. Upon the adoption date, the Company will present the total change in credit risk for FG VIEs' financial liabilities with recourse separately in OCI.

## **2. Rating Actions**

When a rating agency assigns a public rating to a financial obligation insured by AGM or MAC or guaranteed by AGE, it generally awards that obligation the same rating it has assigned to the financial strength of those insurance companies. Investors in products insured by AGM or MAC or guaranteed by AGE frequently rely on ratings published by the rating agencies because such ratings influence the trading value of securities and form the basis for many institutions' investment guidelines as well as individuals' bond purchase decisions. Therefore, the Company manages its business with the goal of achieving strong financial strength ratings. However, the methodologies and models used by rating agencies differ, presenting conflicting goals that may make it inefficient or impractical to reach the highest rating level. The methodologies and models are not fully transparent, contain subjective elements and data (such as assumptions about future market demand for the Company's products) and may change. Ratings are subject to continuous review and revision or withdrawal at any time. If the financial strength ratings of one (or more) of AGM, AGE or MAC were reduced below current levels, the Company expects it could have adverse effects on the impacted insurance company's future business opportunities as well as the premiums the impacted company could charge for its insurance policies.

The Company periodically assesses the value of each rating assigned to each of its companies, and as a result of such assessment may request that a rating agency add or drop a rating from certain of its companies. For example, the Kroll Bond Rating Agency (KBRA) ratings were first assigned to MAC in 2013 and to AGM in 2014, while a Moody's Investors Service, Inc. (Moody's) rating was never requested for MAC.

The rating agencies' most recent actions related to AGM and its subsidiaries are:

- On December 14, 2016 and July 8, 2016, KBRA affirmed the AA+ (stable outlook) financial strength ratings of AGM and MAC, respectively.
- On August 8, 2016, Moody's affirmed the existing insurance financial strength ratings of A2 (stable outlook) on AGM and AGE.
- On July 27, 2016, S&P affirmed the AA (stable) financial strength and financial enhancement ratings of AGM, AGE and MAC.

There can be no assurance that any of the rating agencies will not take negative action on the financial strength ratings of AGM or its insurance subsidiaries in the future.

For a discussion of the effects of rating actions on the Company, see the following:

- Note 5, Contracts Accounted for as Insurance
- Note 12, Reinsurance and Other Monoline Exposures

### **3. Outstanding Exposure**

The Company's financial guaranty contracts are written in either insurance or credit derivative form, but collectively are considered financial guaranty contracts. The Company seeks to limit its exposure to losses by underwriting obligations that it views as investment grade at inception, although, as part of its loss mitigation strategy for existing troubled credits, it may underwrite new issuances that it views as below-investment-grade (BIG). The Company diversifies its insured portfolio across asset classes and, in the structured finance portfolio, requires rigorous subordination or collateralization requirements. Reinsurance may be used in order to reduce net exposure to certain insured transactions.

The Company has issued financial guaranty insurance policies on public finance obligations and, prior to mid-2008, structured finance obligations. Public finance obligations insured by the Company consist primarily of general obligation bonds supported by the taxing powers of U.S. state or municipal governmental authorities, as well as tax-supported bonds, revenue bonds and other obligations supported by covenants from state or municipal governmental authorities or other municipal obligors to impose and collect fees and charges for public services or specific infrastructure projects. The Company also includes within public finance obligations those obligations backed by the cash flow from leases or other revenues from projects serving substantial public purposes, including utilities, toll roads, health care facilities and government office buildings. The Company also includes within public finance similar obligations issued by territorial and non-U.S. sovereign and sub-sovereign issuers and governmental authorities.

Structured finance obligations insured by the Company are generally issued by special purpose entities, including VIEs, and backed by pools of assets having an ascertainable cash flow or market value or other specialized financial obligations. Some of these VIEs are consolidated as described in Note 8, Consolidated Variable Interest Entities. Unless otherwise specified, the outstanding par and debt service amounts presented in this note include outstanding exposures on VIEs whether or not they are consolidated. While AGM has ceased insuring new originations of asset-backed securities, a significant portfolio of such obligations remains outstanding. AGM's wholly owned subsidiary AGE provides financial guarantees in the international public finance market and intends to provide such guarantees in the international structured finance market, subject to regulatory approval.

Debt service and par outstanding exposures presented in these financial statements are presented on a consolidated basis. That is, amounts presented include 100% of the exposures of AGM, AGE and MAC, despite the fact that AGM indirectly owns only 60.7% of MAC.

### **Significant Risk Management Activities**

Assured Guaranty's Portfolio Risk Management Committee, which includes members of AGM's senior management and its senior credit and surveillance officers, sets specific risk policies and limits and is responsible for enterprise risk management, establishing the Company's risk appetite, credit underwriting of new business, surveillance and work-out.

As part of the surveillance process, the Company monitors trends and changes in transaction credit quality, detects any deterioration in credit quality, and recommends such remedial actions as may be necessary or appropriate. All transactions in the insured portfolio are assigned internal credit ratings, which are updated based on changes in transaction credit quality. The Company also develops strategies to enforce its contractual rights and remedies and to mitigate its losses, engage in negotiation discussions with transaction participants and, when necessary, manage the Company's litigation proceedings.

### **Surveillance Categories**

The Company segregates its insured portfolio into investment grade and BIG surveillance categories to facilitate the appropriate allocation of resources to monitoring and loss mitigation efforts and to aid in establishing the appropriate cycle for periodic review for each exposure. BIG exposures include all exposures with internal credit ratings below BBB-. The Company's internal credit ratings are based on internal assessments of the likelihood of default and loss severity in the event of default. Internal credit ratings are expressed on a ratings scale similar to that used by the rating agencies and are generally reflective of an approach similar to that employed by the rating agencies, except that the Company's internal credit ratings focus on future performance, rather than lifetime performance.

The Company monitors its investment grade credits to determine whether any need to be internally downgraded to BIG and refreshes its internal credit ratings on individual credits in quarterly, semi-annual or annual cycles based on the Company's view of the credit's quality, loss potential, volatility and sector. Ratings on credits in sectors identified as under the most stress or with the most potential volatility are reviewed every quarter.

Credits identified as BIG are subjected to further review to determine the probability of a loss. See Note 4, Expected Loss to be Paid for additional information. Surveillance personnel then assign each BIG transaction to the appropriate BIG surveillance category based upon whether a future loss is expected and whether a claim has been paid. For surveillance purposes, the Company calculates present value using a discount rate of 5%. (A risk-free rate is used for calculating the expected loss for financial statement measurement purposes.)

More extensive monitoring and intervention is employed for all BIG surveillance categories, with internal credit ratings reviewed quarterly. The Company expects "future losses" on a transaction when the Company believes there is at least a 50% chance that, on a present value basis, it will pay more claims in the future of that transaction than it will have reimbursed. The three BIG categories are:

- BIG Category 1: Below-investment-grade transactions showing sufficient deterioration to make future losses possible, but for which none are currently expected.
- BIG Category 2: Below-investment-grade transactions for which future losses are expected but for which no claims (other than liquidity claims, which are claims that the Company expects to be reimbursed within one year) have yet been paid.
- BIG Category 3: Below-investment-grade transactions for which future losses are expected and on which claims (other than liquidity claims) have been paid.

### Components of Outstanding Exposure

Unless otherwise noted, ratings disclosed herein on the Company's insured portfolio reflect its internal ratings. The Company classifies those portions of risks benefiting from reimbursement obligations collateralized by eligible assets held in trust in acceptable reimbursement structures as the higher of 'AA' or their current internal rating.

The Company purchases securities that it has insured, and for which it has expected losses to be paid, in order to mitigate the economic effect of insured losses (loss mitigation securities). The Company excludes amounts attributable to loss mitigation securities (unless otherwise indicated) from par and debt service outstanding, because it manages such securities as investments and not insurance exposure. As of December 31, 2016 and December 31, 2015, the Company excluded \$664 million and \$659 million, respectively, of net par as a result of loss mitigation strategies, including loss mitigation securities held in the investment portfolio, which are primarily BIG. The following table presents the gross and net debt service for financial guaranty contracts.

### Financial Guaranty Debt Service Outstanding

	Gross Debt Service Outstanding (1)		Net Debt Service Outstanding(1)	
	December 31, 2016	December 31, 2015	December 31, 2016	December 31, 2015
	(in millions)			
Public finance	\$ 350,156	\$ 415,968	\$ 248,426	\$ 302,557
Structured finance	15,642	22,880	14,291	20,479
Total financial guaranty	<u>\$ 365,798</u>	<u>\$ 438,848</u>	<u>\$ 262,717</u>	<u>\$ 323,036</u>

- (1) Includes 100% of MAC's gross and net debt service outstanding. However, AGM's indirect ownership of MAC is only 60.7%. The net debt service outstanding amount includes \$77.5 billion and \$104.5 billion as of December 31, 2016 and 2015, respectively, from MAC.

**Financial Guaranty Portfolio by Internal Rating  
As of December 31, 2016**

Rating Category	Public Finance U.S.		Public Finance Non-U.S.		Structured Finance U.S.		Structured Finance Non-U.S.		Total	
	Net Par Outstanding	%	Net Par Outstanding	%	Net Par Outstanding	%	Net Par Outstanding	%	Net Par Outstanding	%
(dollars in millions)										
AAA	\$ 1,684	1.1%	\$ 546	3.4%	\$ 5,727	54.5%	\$ 1,175	67.4%	\$ 9,132	5.1%
AA	30,808	20.5	165	1.0	2,465	23.4	27	1.5	33,465	18.7
A	83,901	55.5	4,557	28.5	67	0.6	144	8.3	88,669	49.5
BBB	31,887	21.1	9,919	62.2	80	0.8	223	12.8	42,109	23.4
BIG	2,789	1.8	777	4.9	2,175	20.7	174	10.0	5,915	3.3
Total net par outstanding (1)	<u>\$ 151,069</u>	<u>100.0%</u>	<u>\$ 15,964</u>	<u>100.0%</u>	<u>\$ 10,514</u>	<u>100.0%</u>	<u>\$ 1,743</u>	<u>100.0%</u>	<u>\$ 179,290</u>	<u>100.0%</u>

- (1) Includes \$56.6 billion of net par outstanding as of December 31, 2016, from MAC, which represents 100% of MAC's net par outstanding. However, AGM's indirect ownership of MAC is only 60.7%.

**Financial Guaranty Portfolio by Internal Rating  
As of December 31, 2015**

Rating Category	Public Finance U.S.		Public Finance Non-U.S.		Structured Finance U.S.		Structured Finance Non-U.S.		Total	
	Net Par Outstanding	%	Net Par Outstanding	%	Net Par Outstanding	%	Net Par Outstanding	%	Net Par Outstanding	%
(dollars in millions)										
AAA	\$ 2,431	1.3%	\$ 553	3.0%	\$ 8,529	57.6%	\$ 1,786	66.1%	\$ 13,299	6.1%
AA	47,028	25.9	134	0.7	3,421	23.1	35	1.3	50,618	23.3
A	98,954	54.6	5,126	27.7	41	0.3	153	5.7	104,274	48.0
BBB	30,443	16.8	11,832	64.1	123	0.9	329	12.1	42,727	19.6
BIG	2,522	1.4	837	4.5	2,681	18.1	401	14.8	6,441	3.0
Total net par outstanding (1)	<u>\$ 181,378</u>	<u>100.0%</u>	<u>\$ 18,482</u>	<u>100.0%</u>	<u>\$ 14,795</u>	<u>100.0%</u>	<u>\$ 2,704</u>	<u>100.0%</u>	<u>\$ 217,359</u>	<u>100.0%</u>

- (1) Includes \$73.5 billion of net par outstanding as of December 31, 2015, from MAC, which represents 100% of MAC's net par outstanding. However, AGM's indirect ownership of MAC is only 60.7%.

**Financial Guaranty Portfolio  
by Sector**

Sector	Gross Par Outstanding		Ceded Par Outstanding		Net Par Outstanding	
	As of December 31, 2016	As of December 31, 2015	As of December 31, 2016	As of December 31, 2015	As of December 31, 2016	As of December 31, 2015
(in millions)						
Public finance:						
U.S.:						
General obligation	\$ 96,667	\$ 111,296	\$ 25,641	\$ 28,164	\$ 71,026	\$ 83,132
Tax backed	42,258	47,218	12,132	12,458	30,126	34,760
Municipal utilities	33,498	39,896	8,261	8,631	25,237	31,265
Transportation	14,615	17,772	3,725	4,067	10,890	13,705
Higher education	7,514	8,367	2,035	1,966	5,479	6,401
Healthcare	7,713	10,564	2,654	3,640	5,059	6,924
Housing	1,423	1,794	307	284	1,116	1,510
Infrastructure finance	1,034	2,795	459	806	575	1,989
Other public finance	1,789	1,886	228	194	1,561	1,692
Total public finance-U.S.	206,511	241,588	55,442	60,210	151,069	181,378
Non-U.S.:						
Infrastructure finance	10,749	13,164	3,533	4,376	7,216	8,788
Regulated utilities	9,751	11,229	5,066	5,778	4,685	5,451
Other public finance	5,491	5,693	1,428	1,450	4,063	4,243
Total public finance-non-U.S.	25,991	30,086	10,027	11,604	15,964	18,482
Total public finance	\$ 232,502	\$ 271,674	\$ 65,469	\$ 71,814	\$ 167,033	\$ 199,860
Structured finance:						
U.S.:						
Pooled corporate obligations	5,616	9,185	221	704	5,395	8,481
Residential Mortgage-Backed Securities (RMBS)	3,767	4,668	474	566	3,293	4,102
Financial products	1,540	1,906	—	—	1,540	1,906
Consumer receivables	120	143	7	8	113	135
Commercial receivables	26	33	2	2	24	31
Other structured finance	199	246	50	106	149	140
Total structured finance-U.S.	11,268	16,181	754	1,386	10,514	14,795
Non-U.S.:						
Pooled corporate obligations	1,397	2,545	298	579	1,099	1,966
RMBS	428	529	71	78	357	451
Other structured finance	310	310	23	23	287	287
Total structured finance- non-U.S.	2,135	3,384	392	680	1,743	2,704
Total structured finance	\$ 13,403	\$ 19,565	\$ 1,146	\$ 2,066	\$ 12,257	\$ 17,499
Total par outstanding	\$ 245,905	\$ 291,239	\$ 66,615	\$ 73,880	\$ 179,290	\$ 217,359

In addition to amounts shown in the tables above, AGM had outstanding commitments to provide guaranties of \$393 million for public finance obligations as of December 31, 2016, all of which expired prior to the date of this filing.

Actual maturities of insured obligations could differ from contractual maturities because borrowers have the right to call or prepay certain obligations with or without call or prepayment penalties. The expected maturities of structured finance obligations are, in general, considerably shorter than the contractual maturities for such obligations.



**Expected Amortization of  
Net Par Outstanding  
As of December 31, 2016**

	Public Finance	Structured Finance (in millions)	Total
0 to 5 years	\$ 59,150	\$ 8,876	\$ 68,026
5 to 10 years	35,547	1,262	36,809
10 to 15 years	28,491	1,445	29,936
15 to 20 years	21,055	371	21,426
20 years and above	22,790	303	23,093
Total net par outstanding	<u>\$ 167,033</u>	<u>\$ 12,257</u>	<u>\$ 179,290</u>

**Components of BIG Portfolio**

**Components of BIG Net Par Outstanding  
(Insurance and Credit Derivative Form)  
As of December 31, 2016**

	BIG Net Par Outstanding				Net Par Outstanding
	BIG 1	BIG 2	BIG 3	Total BIG	
	(in millions)				
Public finance:					
U.S. public finance	\$ 967	\$ 1,082	\$ 740	\$ 2,789	\$ 151,069
Non-U.S. public finance	777	—	—	777	15,964
Public finance	1,744	1,082	740	3,566	167,033
Structured finance:					
U.S. RMBS	45	255	1,793	2,093	3,293
Other structured finance	174	48	34	256	8,964
Structured finance	219	303	1,827	2,349	12,257
Total	<u>\$ 1,963</u>	<u>\$ 1,385</u>	<u>\$ 2,567</u>	<u>\$ 5,915</u>	<u>\$ 179,290</u>

**Components of BIG Net Par Outstanding  
(Insurance and Credit Derivative Form)  
As of December 31, 2015**

	BIG Net Par Outstanding				Net Par Outstanding
	BIG 1	BIG 2	BIG 3	Total BIG	
	(in millions)				
Public finance:					
U.S. public finance	\$ 1,559	\$ 902	\$ 61	\$ 2,522	\$ 181,378
Non-U.S. public finance	622	215	—	837	18,482
Public finance	2,181	1,117	61	3,359	199,860
Structured finance:					
U.S. RMBS	414	208	1,916	2,538	4,102
Other structured finance	451	54	39	544	13,397
Structured finance	865	262	1,955	3,082	17,499
Total	<u>\$ 3,046</u>	<u>\$ 1,379</u>	<u>\$ 2,016</u>	<u>\$ 6,441</u>	<u>\$ 217,359</u>

**BIG Net Par Outstanding  
and Number of Risks  
As of December 31, 2016**

Description	Net Par Outstanding			Number of Risks(2)		
	Financial Guaranty Insurance(1)	Credit Derivative	Total	Financial Guaranty Insurance(1)	Credit Derivative	Total
	(dollars in millions)					
BIG:						
Category 1	\$ 1,910	\$ 53	\$ 1,963	56	3	59
Category 2	1,385	—	1,385	12	—	12
Category 3	2,567	—	2,567	49	—	49
Total BIG	<u>\$ 5,862</u>	<u>\$ 53</u>	<u>\$ 5,915</u>	<u>117</u>	<u>3</u>	<u>120</u>

**BIG Net Par Outstanding  
and Number of Risks  
As of December 31, 2015**

Description	Net Par Outstanding			Number of Risks(2)		
	Financial Guaranty Insurance(1)	Credit Derivative	Total	Financial Guaranty Insurance(1)	Credit Derivative	Total
	(dollars in millions)					
BIG:						
Category 1	\$ 2,955	\$ 91	\$ 3,046	59	2	61
Category 2	1,379	—	1,379	14	—	14
Category 3	2,000	16	2,016	43	2	45
Total BIG	<u>\$ 6,334</u>	<u>\$ 107</u>	<u>\$ 6,441</u>	<u>116</u>	<u>4</u>	<u>120</u>

(1) Includes net par outstanding for VIEs.

(2) A risk represents the aggregate of the financial guaranty policies that share the same revenue source for purposes of making debt service payments.

**Geographic Distribution of Net Par Outstanding**

The Company seeks to maintain a diversified portfolio of insured obligations designed to spread its risk across a number of geographic areas.

**Geographic Distribution of  
Net Par Outstanding  
As of December 31, 2016**

	Number of Risks	Net Par Outstanding  (dollars in millions)	Percent of Total Net Par Outstanding
<b>U.S.:</b>			
U.S. Public finance:			
California	1,275	\$ 26,863	15.0%
Pennsylvania	806	13,258	7.4
Texas	1,172	12,418	6.9
New York	878	11,904	6.6
Illinois	695	11,424	6.4
Florida	246	7,574	4.2
New Jersey	464	7,291	4.1
Michigan	466	5,459	3.0
Georgia	146	4,276	2.4
Arizona	154	3,643	2.0
Other states and U.S. territories	3,299	46,959	26.2
Total U.S. public finance	9,601	151,069	84.2
U.S. Structured finance (multiple states)	189	10,514	5.9
Total U.S.	9,790	161,583	90.1
<b>Non-U.S.:</b>			
United Kingdom	78	8,684	4.8
Canada	9	2,500	1.4
Australia	11	1,737	1.0
France	9	1,011	0.6
Italy	8	904	0.5
Other	29	2,871	1.6
Total non-U.S.	144	17,707	9.9
<b>Total</b>	<b>9,934</b>	<b>\$ 179,290</b>	<b>100.0%</b>

**Exposure to Puerto Rico**

The Company has insured exposure to general obligation bonds of the Commonwealth of Puerto Rico (Puerto Rico or the Commonwealth) and various obligations of its related authorities and public corporations, aggregating \$2.0 billion net par as of December 31, 2016, \$1.9 billion of which is rated BIG. Puerto Rico has experienced significant general fund budget deficits in recent years and a challenging economic environment. Beginning on January 1, 2016, a number of Puerto Rico credits have defaulted on bond payments, and the Company has now paid claims on several Puerto Rico credits as shown in the table "Puerto Rico Net Par Outstanding" below.

On November 30, 2015 and December 8, 2015, Governor García Padilla of Puerto Rico (the Former Governor) issued executive orders (Clawback Orders) directing the Puerto Rico Department of Treasury and the Puerto Rico Tourism Company to retain or transfer certain taxes pledged to secure the payment of bonds issued by the Puerto Rico Highways and Transportation Authority (PRHTA), Puerto Rico Infrastructure Financing Authority (PRIFA), and Puerto Rico Convention Center District Authority (PRCCDA). On January 7, 2016, the Company sued various Puerto Rico governmental officials in the United States District Court, District of Puerto Rico, asserting that this attempt to "claw back" pledged taxes is unconstitutional, and demanding declaratory and injunctive relief. The Puerto Rico credits insured by the Company subject to the Clawback Orders are shown in the table "Puerto Rico Net Par Outstanding" below.

On April 6, 2016, the Former Governor signed into law the Puerto Rico Emergency Moratorium & Financial Rehabilitation Act (the Moratorium Act). The Moratorium Act purportedly empowers the governor to declare, entity by entity, states of emergencies and moratoriums on debt service payments on obligations of the Commonwealth and its related authorities and public corporations, as well as instituting a stay against related litigation, among other things. The Former Governor used the authority of the Moratorium Act to take a number of actions related to issuers of obligations the Company insures. National Public Finance Guarantee Corporation (National) (another financial guarantor), holders of the Commonwealth general obligation bonds and certain Puerto Rico residents (the National Plaintiffs) have filed suits to invalidate the Moratorium Act, and after the passage of the Puerto Rico Oversight, Management, and Economic Stability Act (PROMESA), the National Plaintiffs sought a relief from the stay of litigation imposed by PROMESA to pursue the action. On July 21, 2016, the Company filed a motion and form of complaint in the U.S. District Court for the District of Puerto Rico seeking relief from the stay of litigation imposed by PROMESA to seek a declaration that the Moratorium Act is preempted by Federal bankruptcy law. In November 2016 that court denied both the Company's and the National Plaintiffs' motions for relief from stay in the respective actions. The PROMESA stay expires on May 1, 2017.

On June 30, 2016, PROMESA was signed into law by the President of the United States. PROMESA establishes a seven-member federal financial oversight board (Oversight Board) with authority to require that balanced budgets and fiscal plans be adopted and implemented by Puerto Rico. PROMESA provides a legal framework under which the debt of the Commonwealth and its related authorities and public corporations may be voluntarily restructured, and grants the Oversight Board the sole authority to file restructuring petitions in a federal court to restructure the debt of the Commonwealth and its related authorities and public corporations if voluntary negotiations fail, provided that any such restructuring must be in accordance with an Oversight Board approved fiscal plan that respects the liens and priorities provided under Puerto Rico law. PROMESA also appears to preempt at least portions of the Moratorium Act and to stay debt-related litigation, including the Company's litigation regarding the Clawback Orders. On August 31, 2016, the President of the United States appointed the seven members of the Oversight Board.

The Oversight Board has begun meeting and has hired Ramón Ruiz-Comas as interim executive director. On January 2, 2017, Ricardo Antonio Rosselló Nevares (the Governor) took office, replacing the Former Governor. On January 29, 2017, the Governor signed the Puerto Rico Emergency and Fiscal Responsibility Act (Emergency Act) that, among other things, repeals portions of the Moratorium Act, defines an emergency period until May 1, 2017, continues diversion of collateral away from bonds the Company insures, and defines the powers and duties of the Fiscal Agency and Financial Advisory Authority (FAFAA). The final shape, timing and validity of responses to Puerto Rico's distress eventually enacted or implemented under the auspices of PROMESA and the Oversight Board or otherwise, and the impact of any such responses on obligations insured by the Company, are uncertain.

The Company groups its Puerto Rico exposure into three categories:

- *Constitutionally Guaranteed.* The Company includes in this category public debt benefiting from Article VI of the Constitution of the Commonwealth, which expressly provides that interest and principal payments on the public debt are to be paid before other disbursements are made.
- *Public Corporations – Certain Revenues Potentially Subject to Clawback.* The Company includes in this category the debt of public corporations for which applicable law permits the Commonwealth to claw back, subject to certain conditions and for the payment of public debt, at least a portion of the revenues supporting the bonds the Company insures. As a Constitutional condition to clawback, available Commonwealth revenues for any fiscal year must be insufficient to pay Commonwealth debt service before the payment of any appropriations for that year. The Company believes that this condition has not been satisfied to date, and accordingly that the Commonwealth has not to date been entitled to claw back revenues supporting debt insured by the Company. As noted above, the Company sued various Puerto Rico governmental officials in the United States District Court, District of Puerto Rico asserting that Puerto Rico's recent attempt to "claw back" pledged taxes is unconstitutional, and demanding declaratory and injunctive relief.
- *Other Public Corporations.* The Company includes in this category the debt of public corporations that are supported by revenues it does not believe are subject to clawback.

### ***Constitutionally Guaranteed***

*General Obligation.* As of December 31, 2016, the Company had \$680 million insured net par outstanding of the general obligations of Puerto Rico, which are supported by the good faith, credit and taxing power of the Commonwealth. On July 1, 2016, despite the requirements of Article VI of its Constitution but pursuant to an executive order issued by the Former

Governor under the Moratorium Act, the Commonwealth defaulted on most of the debt service payment due that day, and the Company made its first claim payments on these bonds, and has continued to make claim payments on these bonds.

*Puerto Rico Public Buildings Authority (PBA).* As of December 31, 2016, the Company had \$11 million insured net par outstanding of PBA bonds, which are supported by a pledge of the rents due under leases of government facilities to departments, agencies, instrumentalities and municipalities of the Commonwealth, and that benefit from a Commonwealth guaranty supported by a pledge of the Commonwealth's good faith, credit and taxing power. On July 1, 2016, despite the requirements of Article VI of its Constitution but pursuant to an executive order issued by the Former Governor under the Moratorium Act, the PBA defaulted on most of the debt service payment due that day, and the Company made its first claim payments on these bonds, and has continued to make claim payments on these bonds.

### ***Public Corporations - Certain Revenues Potentially Subject to Clawback***

*PRHTA.* As of December 31, 2016, the Company had \$273 million insured net par outstanding of PRHTA (Transportation revenue) bonds and \$213 million insured net par of PRHTA (Highways revenue) bonds. The transportation revenue bonds are secured by a subordinate gross pledge of gasoline and gas oil and diesel oil taxes, motor vehicle license fees and certain tolls, plus a first lien on up to \$120 million annually of taxes on crude oil, unfinished oil and derivative products. The highways revenue bonds are secured by a gross pledge of gasoline and gas oil and diesel oil taxes, motor vehicle license fees and certain tolls. The Clawback Orders cover Commonwealth-derived taxes that are allocated to PRHTA. The Company believes that such sources represented a substantial majority of PRHTA's revenues in 2015. The PRHTA bonds are subject to executive orders issued pursuant to the Moratorium Act. As noted above, the Company filed a motion and form of complaint in the U.S. District Court for the District of Puerto Rico seeking relief from the PROMESA stay to seek a declaration that the Moratorium Act is preempted by Federal bankruptcy law and that certain gubernatorial executive orders diverting PRHTA pledged toll revenues (which are not subject to the Clawback Orders) are preempted by PROMESA and violate the U.S. Constitution, and also seeking damages and injunctive relief. That motion was denied on November 2, 2016, on procedural grounds. The PROMESA stay expires on May 1, 2017. There were sufficient funds in the PRHTA bond accounts to make the July 1, 2016 and January 1, 2017 PRHTA debt service payments guaranteed by the Company on a primary basis, and those payments were made in full.

### **Other Public Corporations**

*Puerto Rico Electric Power Authority (PREPA).* As of December 31, 2016, the Company had \$417 million insured net par outstanding of PREPA obligations, which are payable from a pledge of net revenues of the electric system.

On December 24, 2015, AGM and AGC entered into a Restructuring Support Agreement (RSA) with PREPA, an ad hoc group of uninsured bondholders and a group of fuel-line lenders that would, subject to certain conditions, result in, among other things, modernization of the utility and a restructuring of current debt. Upon finalization of the contemplated restructuring transaction, insured PREPA revenue bonds (with no reduction to par or stated interest rate or extension of maturity) will be supported by securitization bonds issued by a special purpose corporation and secured by a transition charge assessed on ratepayers. To facilitate the securitization transaction and in exchange for a market premium, Assured Guaranty will issue surety insurance policies in an aggregate amount not expected to exceed \$113 million (\$14 million for AGC and \$99 million for AGM) to support a portion of the reserve fund for the securitization bonds. Certain of the creditors also agreed, subject to certain conditions, to participate in a bridge financing, which was closed in two tranches on May 19, 2016 and June 22, 2016. AGM's and AGC's share of the bridge financing was approximately \$15 million (\$2 million for AGC and \$13 million for AGM). Legislation meeting the requirements of the RSA was enacted on February 16, 2016, and a transition charge to be paid by PREPA rate payers for debt service on the securitization bonds as contemplated by the RSA was approved by the Puerto Rico Energy Commission on June 20, 2016. The closing of the restructuring transaction and the issuance of the surety bonds are subject to certain conditions, including execution of acceptable documentation and legal opinions. The RSA has been extended to March 31, 2017. Recent press reports indicate that the Governor and the Oversight Board both support renegotiating the RSA, while maintaining its general framework.

On July 1, 2016, PREPA made full payment of the \$41 million of principal and interest due on PREPA revenue bonds insured by AGM and AGC. That payment was funded in part by AGM's purchase of \$26 million of PREPA bonds maturing in 2020. Upon finalization of the transactions contemplated by the RSA, these new PREPA revenue bonds will be supported by securitization bonds contemplated by the RSA. On January 1, 2017 PREPA made full payment of the \$18 million of interest due on PREPA revenue bonds insured by AGM and AGC.

There can be no assurance that the conditions in the RSA will be met or that, if the conditions are met, the RSA's other provisions, including those related to the insured PREPA revenue bonds, will be implemented as currently agreed. In addition,

the impact of PROMESA, the Moratorium Act and Emergency Act or any attempt to exercise the power purportedly granted by the Moratorium Act or the Emergency Act on the implementation of the RSA is uncertain. PREPA, during the pendency of the agreements, has suspended deposits into its debt service fund.

*Municipal Finance Agency (MFA).* As of December 31, 2016, the Company had \$175 million net par outstanding of bonds issued by MFA secured by a pledge of local property tax revenues. There were sufficient funds in the MFA bond accounts to make the July 1, 2016 and January 1, 2017 MFA bond payments guaranteed by the Company, and those payments were made in full.

*Puerto Rico Sales Tax Financing Corporation (COFINA).* As of December 31, 2016, the Company had \$262 million insured net par outstanding of junior COFINA bonds, which are secured primarily by a second lien on certain sales and use taxes. There were no debt service payments due on July 1, 2016, or January 1, 2017, on Company-insured COFINA bonds, and as of the date of this filing, all payments on Company-insured COFINA bonds had been made.

All Puerto Rico exposures are internally rated BIG, except the General Obligation, PBA and PRHTA (Transportation revenue) second-to-pay policies on an affiliate exposure which are rated AA based on the obligation of the Company's affiliate to pay under its insurance policy if the obligor fails to pay. The following tables show the Company's insured exposure to general obligation bonds of Puerto Rico and various obligations of its related authorities and public corporations.

**Puerto Rico  
Gross Par and Gross Debt Service Outstanding**

	Gross Par Outstanding		Gross Debt Service Outstanding	
	December 31, 2016	December 31, 2015	December 31, 2016	December 31, 2015
	(in millions)			
Exposure to Puerto Rico	\$ 3,542	\$ 3,761	\$ 5,672	\$ 6,081

**Puerto Rico  
Net Par Outstanding**

	As of December 31, 2016	As of December 31, 2015
	(in millions)	
<b>Commonwealth Constitutionally Guaranteed</b>		
Commonwealth of Puerto Rico - General Obligation Bonds (1)	\$ 677	\$ 720
Commonwealth of Puerto Rico - General Obligation Bonds (Second-to-pay policies on affiliate exposure)	3	—
Commonwealth of Puerto Rico - General Obligation Bonds total	680	720
PBA (1)	—	14
PBA (Second-to-pay policies on affiliate exposure)	11	—
PBA total	11	14
<b>Public Corporations - Certain Revenues Potentially Subject to Clawback</b>		
PRHTA (Transportation revenue)	190	209
PRHTA (Transportation revenue) (Second-to-pay policies on affiliate exposure)	83	80
PRHTA (Transportation revenue) total	273	289
PRHTA (Highways revenue)	213	219
<b>Other Public Corporations</b>		
PREPA	417	431
COFINA	262	261
MFA	175	206
Total net exposure to Puerto Rico	\$ 2,031	\$ 2,140

(1) As of the date of this filing, the Company has paid claims on these credits.

The following table shows the scheduled amortization of the insured general obligation bonds of Puerto Rico and various obligations of its related authorities and public corporations rated BIG by the Company. The Company guarantees payments of interest and principal when those amounts are scheduled to be paid and cannot be required to pay on an accelerated basis. In the event that obligors default on their obligations, the Company would only be required to pay the shortfall between the principal and interest due in any given period and the amount paid by the obligors.

**Amortization Schedule of Puerto Rico BIG Net Par Outstanding  
and Net Debt Service Outstanding  
As of December 31, 2016**

	Scheduled BIG Net Par Amortization	Scheduled BIG Net Debt Service Amortization
	(in millions)	
2017 (January 1 - March 31)	\$ 0	\$ 47
2017 (April 1 - June 30)	0	2
2017 (July 1 - September 30)	102	150
2017 (October 1 - December 31)	0	1
Subtotal 2017	102	200
2018	60	153
2019	90	180
2020	92	176
2021	48	128
2022-2026	405	758
2027-2031	402	655
2032-2036	420	569
2037-2041	165	228
2042-2043	150	159
Total	<u>\$ 1,934</u>	<u>\$ 3,206</u>

## Exposure to the Selected European Countries

The European countries where the Company has exposure and believes heightened uncertainties exist are: Hungary, Italy, Portugal, and Spain (collectively, the Selected European Countries). The Company's direct economic exposure to the Selected European Countries (based on par for financial guaranty contracts and notional amount for financial guaranty contracts accounted for as derivatives) is shown in the following table, net of ceded reinsurance.

**Net Direct Economic Exposure to Selected European Countries(1)**  
**As of December 31, 2016**

	Hungary	Italy	Portugal (in millions)	Spain	Total
Sub-sovereign exposure(2)	\$ 183	\$ 598	\$ 73	\$ 264	\$ 1,118
Non-sovereign exposure(3)	105	295	—	—	400
Total	\$ 288	\$ 893	\$ 73	\$ 264	\$ 1,518
Total BIG (See Note 4)	\$ 223	\$ —	\$ 73	\$ 264	\$ 560

- (1) While exposures are shown in U.S. dollars, the obligations are in various currencies, primarily euros.
- (2) Sub-sovereign exposure in Selected European Countries includes transactions backed by receivables from or supported by sub-sovereigns, which are governmental or government-backed entities other than the ultimate governing body of the country.
- (3) Non-sovereign exposure in Selected European Countries includes debt of regulated utilities and RMBS.

When the Company directly insures an obligation, it assigns the obligation to a geographic location or locations based on its view of the geographic location of the risk.

The Company has excluded from the exposure tables above its indirect economic exposure to the Selected European Countries through policies it provides on pooled corporate transactions. The Company calculates indirect exposure to a country by multiplying the par amount of a transaction insured by the Company times the percent of the relevant collateral pool reported as having a nexus to the country. On that basis, the Company has calculated exposure of \$38 million to Selected European Countries in transactions with \$2.1 billion of net par outstanding.

## 4. Expected Loss to be Paid

The insured portfolio includes policies accounted for under three separate accounting models depending on the characteristics of the contract and the Company's control rights. The Company has paid and expects to pay future losses on policies which fall under each of the three accounting models. The following provides a summarized description of the three accounting models prescribed by GAAP with a reference to the notes that describe the accounting policies and required disclosures throughout this report. The three models are: (1) insurance, (2) derivative and (3) VIE consolidation.

In order to effectively evaluate and manage the economics and liquidity of the entire insured portfolio, management compiles and analyzes loss information for all policies on a consistent basis. The Company monitors and assigns ratings and calculates expected losses in the same manner for all its exposures regardless of form or differing accounting models.

This note provides information regarding expected claim payments to be made under all contracts in the insured portfolio, regardless of the accounting model. Net expected loss to be paid in the tables below consists of the present value of future: expected claim and loss adjustment expenses (LAE) payments, expected recoveries in the transaction structures, cessions to reinsurers, and expected recoveries for breaches of representations and warranties (R&W) and other loss mitigation strategies. Expected loss to be paid is important from a liquidity perspective in that it represents the present value of amounts that the Company expects to pay or recover in future periods, regardless of the accounting model. Expected loss to be paid is an important measure used by management to analyze the net economic loss on all contracts.



## **Accounting Policy**

### ***Insurance Accounting***

For contracts accounted for as financial guaranty insurance, loss and LAE reserve is recorded only to the extent and for the amount that expected losses to be paid exceed the unearned premium reserve. As a result, the Company has expected loss to be paid that have not yet been expensed. Such amounts will be recognized in future periods as deferred premium revenue amortizes into income. Expected loss to be expensed is important because it represents the Company's projection of incurred losses that will be recognized in future periods (excluding accretion of discount). See "Financial Guaranty Insurance Losses" in Note 5, Contracts Accounted for as Insurance.

### ***Derivative Accounting, at Fair Value***

For contracts that do not meet the financial guaranty scope exception in the derivative accounting guidance (primarily due to the fact that the insured is not required to be exposed to the insured risk throughout the life of the contract), the Company records such credit derivative contracts at fair value on the consolidated balance sheet with changes in fair value recorded in the consolidated statement of operations. The fair value recorded on the balance sheet represents an exit price in a hypothetical market because the Company does not trade its credit derivative contracts. The fair value is determined using significant Level 3 inputs in an internally developed model while the expected loss to be paid (which represents the net present value of expected cash outflows) uses methodologies and assumptions consistent with financial guaranty insurance expected losses to be paid. See Note 6, Fair Value Measurement and Note 7, Contracts Accounted for as Credit Derivatives.

### ***VIE Consolidation, at Fair Value***

For financial guaranty insurance contracts issued on the debt of variable interest entities over which the Company is deemed to be the primary beneficiary due to its control rights, as defined in GAAP, the Company consolidates the FG VIE. The Company carries the assets and liabilities of the FG VIEs at fair value under the fair value option. Management assesses the expected losses on the insured debt of the consolidated FG VIEs in the same manner as other financial guaranty insurance and credit derivative contracts. See Note 8, Consolidated Variable Interest Entities.

### **Expected Loss to be Paid**

The expected loss to be paid is equal to the present value of expected future cash outflows for claim and LAE payments, net of inflows for expected salvage and subrogation (e.g., excess spread on the underlying collateral, and expected and contractual recoveries for breaches of R&W or other expected recoveries), using current risk-free rates. When the Company becomes entitled to the cash flow from the underlying collateral of an insured credit under salvage and subrogation rights as a result of a claim payment or estimated future claim payment, it reduces the expected loss to be paid on the contract. Net expected loss to be paid is defined as expected loss to be paid, net of amounts ceded to reinsurers.

The Company updates the discount rate each quarter and reflects the effect of such changes in economic loss development. Expected cash outflows and inflows are probability weighted cash flows that reflect the likelihood of all possible outcomes. The Company estimates the expected cash outflows and inflows using management's assumptions about the likelihood of all possible outcomes based on all information available to it. Those assumptions consider the relevant facts and circumstances and are consistent with the information tracked and monitored through the Company's risk-management activities.

### **Economic Loss Development**

Economic loss development represents the change in net expected loss to be paid attributable to the effects of changes in assumptions based on observed market trends, changes in discount rates, accretion of discount and the economic effects of loss mitigation efforts.

Expected loss to be paid and economic loss development include the effects of loss mitigation strategies such as negotiated and estimated recoveries for breaches of R&W, and purchases of insured debt obligations. Additionally, in certain cases, issuers of insured obligations elected, or the Company and an issuer mutually agreed as part of a negotiation, to deliver the underlying collateral or insured obligation to the Company.

In circumstances where the Company has purchased its own insured obligations that have expected losses, expected loss to be paid is reduced by the proportionate share of the insured obligation that is held in the investment portfolio. The

difference between the purchase price of the obligation and the fair value excluding the value of the Company's insurance is treated as a paid loss. Assets that are purchased by the Company are recorded in the investment portfolio, at fair value, excluding the value of the Company's insurance. See Note 9, Investments and Cash and Note 6, Fair Value Measurement.

### **Loss Estimation Process**

The Company's loss reserve committee estimates expected loss to be paid for all contracts by reviewing analyses that consider various scenarios with corresponding probabilities assigned to them. Depending upon the nature of the risk, the Company's view of the potential size of any loss and the information available to the Company, that analysis may be based upon individually developed cash flow models, internal credit rating assessments and sector-driven loss severity assumptions or judgmental assessments. The Company monitors the performance of its transactions with expected losses and each quarter the Company's loss reserve committee reviews and refreshes its loss projection assumptions and scenarios and the probabilities it assigns to those scenarios based on actual developments during the quarter and its view of future performance.

The financial guaranties issued by the Company insure the credit performance of the guaranteed obligations over an extended period of time, in some cases over 30 years, and in most circumstances the Company has no right to cancel such financial guaranties. As a result, the Company's estimate of ultimate losses on a policy is subject to significant uncertainty over the life of the insured transaction. Credit performance can be adversely affected by economic, fiscal and financial market variability over the long life of most contracts.

The determination of expected loss to be paid is an inherently subjective process involving numerous estimates, assumptions and judgments by management, using both internal and external data sources with regard to frequency, severity of loss, economic projections, governmental actions, negotiations and other factors that affect credit performance. These estimates, assumptions and judgments, and the factors on which they are based, may change materially over a reporting period, and as a result the Company's loss estimates may change materially over that same period.

Changes in the Company's loss estimates for structured finance transactions generally will be influenced by factors impacting the performance of the assets supporting those transactions. For example, changes over a reporting period in the Company's loss estimates for its RMBS transactions may be influenced by such factors as the level and timing of loan defaults experienced; changes in housing prices; results from the Company's loss mitigation activities; and other variables.

Similarly, changes over a reporting period in the Company's loss estimates for municipal obligations supported by specified revenue streams, such as revenue bonds issued by toll road authorities, municipal utilities or airport authorities, generally will be influenced by factors impacting their revenue levels, such as changes in demand; changing demographics; and other economic factors, especially if the obligations do not benefit from financial support from other tax revenues or governmental authorities. Changes over a reporting period in the Company's loss estimates for its tax-supported public finance transactions generally will be influenced by factors impacting the public issuer's ability and willingness to pay, such as changes in the economy and population of the relevant area; changes in the issuer's ability or willingness to raise taxes, decrease spending or receive federal assistance; new legislation; rating agency downgrades that reduce the issuer's ability to refinance maturing obligations or issue new debt at a reasonable cost; changes in the priority or amount of pensions and other obligations owed to workers; developments in restructuring or settlement negotiations; and other political and economic factors.

The Company does not use traditional actuarial approaches to determine its estimates of expected losses. Actual losses will ultimately depend on future events or transaction performance and may be influenced by many interrelated factors that are difficult to predict. As a result, the Company's current projections of probable and estimable losses may be subject to considerable volatility and may not reflect the Company's ultimate claims paid.

In some instances, the terms of the Company's policy gives it the option to pay principal losses that have been recognized in the transaction but which it is not yet required to pay, thereby reducing the amount of guaranteed interest due in the future. The Company has sometimes exercised this option, which uses cash but reduces projected future losses.

The following tables present a roll forward of the present value of net expected loss to be paid for all contracts, whether accounted for as insurance, credit derivatives or FG VIEs, by sector, after the benefit for expected recoveries for breaches of R&W and other expected recoveries. The Company used risk-free rates for U.S. dollar denominated obligations, that ranged from 0.0% to 3.23% with a weighted average of 2.68% as of December 31, 2016 and 0.0% to 3.25% with a weighted average of 2.21% as of December 31, 2015.

**Net Expected Loss to be Paid  
Roll Forward**

	Year Ended December 31,	
	2016	2015
	(in millions)	
Net expected loss to be paid, beginning of period	\$ 565	\$ 619
Economic loss development due to:		
Accretion of discount	9	14
Changes in discount rates	(10)	(11)
Changes in timing and assumptions	102	76
Total economic loss development	101	79
Paid losses	(159)	(133)
Net expected loss to be paid, end of period	<u>\$ 507</u>	<u>\$ 565</u>

**Net Expected Loss to be Paid,  
Roll Forward by Sector  
Year Ended December 31, 2016**

	Net Expected Loss to be Paid (Recovered) as of December 31, 2015(2)	Economic Loss Development	(Paid) Recovered Losses(1)	Net Expected Loss to be Paid (Recovered) as of December 31, 2016(2)
	(in millions)			
Public finance:				
U.S. public finance	\$ 214	\$ 184	\$ (75)	\$ 323
Non-U.S. public finance	26	(5)	—	21
Public finance	240	179	(75)	344
Structured finance:				
U.S. RMBS	302	(72)	(83)	147
Other structured finance	23	(6)	(1)	16
Structured finance	325	(78)	(84)	163
Total	<u>\$ 565</u>	<u>\$ 101</u>	<u>\$ (159)</u>	<u>\$ 507</u>

**Net Expected Loss to be Paid,  
Roll Forward by Sector  
Year Ended December 31, 2015**

	Net Expected Loss to be Paid (Recovered) as of December 31, 2014	Economic Loss Development	(Paid) Recovered Losses(1)	Net Expected Loss to be Paid (Recovered) as of December 31, 2015(2)
	(in millions)			
Public finance:				
U.S. public finance	\$ 142	\$ 87	\$ (15)	\$ 214
Non-U.S. public finance	34	(8)	—	26
Public finance	176	79	(15)	240
Structured finance:				
U.S. RMBS	419	1	(118)	302
Other structured finance	24	(1)	0	23
Structured finance	443	0	(118)	325
Total	\$ 619	\$ 79	\$ (133)	\$ 565

- (1) Net of ceded paid losses, whether or not such amounts have been settled with reinsurers. Ceded paid losses are typically settled 45 days after the end of the reporting period. Such amounts are recorded in reinsurance recoverable on paid losses included in other assets. The Company paid \$6 million and \$8 million in LAE for the years ended December 31, 2016 and 2015, respectively.
- (2) Includes expected LAE to be paid of \$3 million as of December 31, 2016 and \$3 million as of December 31, 2015.

**Future Net R&W Recoverable (Payable)(1)**

	Future Net R&W Benefit as of December 31, 2016	Future Net R&W Benefit as of December 31, 2015	Future Net R&W Benefit as of December 31, 2014
	(in millions)		
U.S. RMBS:			
First lien	\$ (67)	\$ (9)	\$ 115
Second lien	26	71	76
Total	\$ (41)	\$ 62	\$ 191

- (1) The Company's agreements with R&W providers generally provide that, as the Company makes claim payments, the R&W providers reimburse it for those claims; if the Company later receives reimbursement through the transaction (for example, from excess spread), the Company repays the R&W providers. See the section "Breaches of Representations and Warranties" for information about the R&W agreements. When the Company projects receiving more reimbursements in the future than it projects paying in claims on transactions covered by R&W settlement agreements, the Company will have a net R&W payable.

The following table presents the present value of net expected loss to be paid for all contracts by accounting model, by sector and after the benefit for expected recoveries for breaches of R&W.

**Net Expected Loss to be Paid (Recovered)  
By Accounting Model**

	As of December 31, 2016			As of December 31, 2015		
	Public Finance	Structured Finance	Total	Public Finance	Structured Finance	Total
	(in millions)					
Financial guaranty insurance	\$ 344	\$ 76	\$ 420	\$ 240	\$ 204	\$ 444
FG VIEs(1) and other	—	90	90	—	114	114
Credit derivatives (2)	—	(3)	(3)	—	7	7
Total	<u>\$ 344</u>	<u>\$ 163</u>	<u>\$ 507</u>	<u>\$ 240</u>	<u>\$ 325</u>	<u>\$ 565</u>

(1) Refer to Note 8, Consolidated Variable Interest Entities.

(2) Refer to Note 7, Contracts Accounted for as Credit Derivatives.

The following table presents the net economic loss development for all contracts by accounting model, by sector and after the benefit for expected recoveries for breaches of R&W.

**Net Economic Loss Development (Benefit)  
By Accounting Model**

	Year Ended December 31, 2016			Year Ended December 31, 2015		
	Public Finance	Structured Finance	Total	Public Finance	Structured Finance	Total
	(in millions)					
Financial guaranty insurance	\$ 179	\$ (64)	\$ 115	\$ 79	\$ (17)	\$ 62
FG VIEs(1) and other	—	(6)	(6)	—	15	15
Credit derivatives (2)	—	(8)	(8)	—	2	2
Total	<u>\$ 179</u>	<u>\$ (78)</u>	<u>\$ 101</u>	<u>\$ 79</u>	<u>\$ 0</u>	<u>\$ 79</u>

(1) Refer to Note 8, Consolidated Variable Interest Entities.

(2) Refer to Note 7, Contracts Accounted for as Credit Derivatives.

***Selected U.S. Public Finance Transactions***

The Company insures general obligation bonds of the Commonwealth of Puerto Rico and various obligations of its related authorities and public corporations aggregating \$2.0 billion net par as of December 31, 2016, \$1.9 billion of which is rated BIG. For additional information regarding the Company's exposure to general obligations of Commonwealth of Puerto Rico and various obligations of its related authorities and public corporations, please refer to "Exposure to Puerto Rico" in Note 3, Outstanding Exposure.

On February 25, 2015, a plan of adjustment resolving the bankruptcy filing of the City of Stockton, California under chapter 9 of the U.S. Bankruptcy Code became effective. As of December 31, 2016, the Company's net par subject to the plan consists of \$60 million of pension obligation bonds. As part of the plan settlement, the City will repay the pension obligation bonds from certain fixed payments and certain variable payments contingent on the City's revenue growth.

The Company projects that its total net expected loss across its troubled U.S. public finance credits as of December 31, 2016, including those mentioned above, which incorporated the likelihood of the various outcomes, will be \$323 million

compared with a net expected loss of \$214 million as of December 31, 2015. Economic loss development in 2016 was \$184 million, which was primarily attributable to Puerto Rico exposures.

### ***Certain Selected European Country Sub-Sovereign Transactions***

The Company insures credits with sub-sovereign exposure to various Spanish and Portuguese issuers where a Spanish and Portuguese sovereign default may cause the related sub-sovereigns also to default. The Company's exposure net of reinsurance to these Spanish and Portuguese credits is \$264 million and \$73 million, respectively. The Company rates all these issuers BIG due to the financial condition of Spain and Portugal and their dependence on the sovereign. The Company's Hungary exposure is to infrastructure bonds dependent on payments from Hungarian governmental entities. The Company's exposure net of reinsurance to these Hungarian credits is \$183 million, all of which is rated BIG. The Company estimated net expected losses of \$21 million related to these Spanish, Portuguese and Hungarian credits. The economic benefit of approximately \$5 million during 2016 was primarily related to changes in the exchange rate between the euro and U.S. Dollar.

### ***Approach to Projecting Losses in U.S. RMBS***

The Company projects losses on its insured U.S. RMBS on a transaction-by-transaction basis by projecting the performance of the underlying pool of mortgages over time and then applying the structural features (i.e., payment priorities and tranching) of the RMBS and any R&W agreements to the projected performance of the collateral over time. The resulting projected claim payments or reimbursements are then discounted using risk-free rates.

The further behind a mortgage borrower falls in making payments, the more likely it is that he or she will default. The rate at which borrowers from a particular delinquency category (number of monthly payments behind) eventually default is referred to as the "liquidation rate." The Company derives its liquidation rate assumptions from observed roll rates, which are the rates at which loans progress from one delinquency category to the next and eventually to default and liquidation. The Company applies liquidation rates to the mortgage loan collateral in each delinquency category and makes certain timing assumptions to project near-term mortgage collateral defaults from loans that are currently delinquent.

Mortgage borrowers that are not more than one payment behind (generally considered performing borrowers) have demonstrated an ability and willingness to pay throughout the recession and mortgage crisis, and as a result are viewed as less likely to default than delinquent borrowers. Performing borrowers that eventually default will also need to progress through delinquency categories before any defaults occur. The Company projects how many of the currently performing loans will default and when they will default, by first converting the projected near term defaults of delinquent borrowers derived from liquidation rates into a vector of conditional default rates (CDR), then projecting how the CDR will develop over time. Loans that are defaulted pursuant to the CDR after the near-term liquidation of currently delinquent loans represent defaults of currently performing loans and projected re-performing loans. A CDR is the outstanding principal amount of defaulted loans liquidated in the current month divided by the remaining outstanding amount of the whole pool of loans (or collateral pool balance). The collateral pool balance decreases over time as a result of scheduled principal payments, partial and whole principal prepayments, and defaults.

In order to derive collateral pool losses from the collateral pool defaults it has projected, the Company applies a loss severity. The loss severity is the amount of loss the transaction experiences on a defaulted loan after the application of net proceeds from the disposal of the underlying property. The Company projects loss severities by sector based on its experience to date. The Company continues to update its evaluation of these loss severities as new information becomes available.

The Company had been enforcing claims for breaches of R&W regarding the characteristics of the loans included in the collateral pools, but has now completed its active pursuit of significant R&W claims. The Company calculates a credit for R&W recoveries to include in its cash flow projections based on agreements it has with R&W providers, which are described in more detail under "Breaches of Representations and Warranties" below.

The Company projects the overall future cash flow from a collateral pool by adjusting the payment stream from the principal and interest contractually due on the underlying mortgages for the collateral losses it projects as described above; assumed voluntary prepayments; and servicer advances. The Company then applies an individual model of the structure of the transaction to the projected future cash flow from that transaction's collateral pool to project the Company's future claims and claim reimbursements for that individual transaction. Finally, the projected claims and reimbursements are discounted using risk-free rates. The Company runs several sets of assumptions regarding mortgage collateral performance, or scenarios, and probability weights them.

The Company's RMBS loss projection methodology assumes that the housing and mortgage markets will continue improving. Each period the Company makes a judgment as to whether to change the assumptions it uses to make RMBS loss projections based on its observation during the period of the performance of its insured transactions (including early stage delinquencies, late stage delinquencies and loss severity) as well as the residential property market and economy in general, and, to the extent it observes changes, it makes a judgment as to whether those changes are normal fluctuations or part of a trend.

#### ***Year-End 2016 Compared to Year-End 2015 U.S. RMBS Loss Projections***

Based on its observation during the period of the performance of its insured transactions (including early stage delinquencies, late stage delinquencies and loss severity) as well as the residential property market and economy in general, the Company chose to use the same general assumptions to project RMBS losses as of December 31, 2016 as it used as of December 31, 2015, except it (1) increased severities for specific vintages of Alt-A first lien, Option ARM and subprime transactions, (2) decreased liquidation rates for specific non-performing categories of subprime transactions and Option ARM and (3) increased liquidation rates for specific non-performing categories of second lien transactions. In 2016 the economic benefit was \$46 million for first lien U.S. RMBS and \$26 million for second lien U.S. RMBS.

#### ***Year-End 2015 Compared to Year-End 2014 U.S. RMBS Loss Projections***

Based on its observation during the period of the performance of its insured transactions (including early stage delinquencies, late stage delinquencies and loss severity) as well as the residential property market and economy in general, the Company chose to use the same general assumptions to project RMBS losses as of December 31, 2015 as it used as of December 31, 2014, except that, for its first lien RMBS loss projections for 2015, it shortened by twelve months the period it is projecting it will take in the base case to reach the final CDR as compared with December 31, 2014. The methodology and revised assumptions the Company used to project first lien RMBS losses and the scenarios it employed are described in more detail below under " - U.S. First Lien RMBS Loss Projections: Alt A First Lien, Option ARM, Subprime and Prime", and the methodology and assumptions the Company uses to project second lien RMBS losses and the scenarios it employs are described in more detail below under " - U.S. Second Lien RMBS Loss Projections." In 2015 the economic benefit was \$36 million for first lien U.S. RMBS and loss development was \$37 million for second lien U.S. RMBS.

#### ***U.S. First Lien RMBS Loss Projections: Alt-A First Lien, Option ARM and Subprime***

The majority of projected losses in first lien RMBS transactions are expected to come from non-performing mortgage loans (those that are or in the past twelve months have been two or more payments behind, have been modified, are in foreclosure, or have been foreclosed upon). Changes in the amount of non-performing loans from the amount projected in the previous period are one of the primary drivers of loss development in this portfolio. In order to determine the number of defaults resulting from these delinquent and foreclosed loans, the Company applies a liquidation rate assumption to loans in each of various non-performing categories. The Company arrived at its liquidation rates based on data purchased from a third party provider and assumptions about how delays in the foreclosure process and loan modifications may ultimately affect the rate at which loans are liquidated. Each quarter the Company reviews the most recent twelve months of this data and (if necessary) adjusts its liquidation rates based on its observations. The following table shows liquidation assumptions for various non-performing categories.

## First Lien Liquidation Rates

	December 31, 2016	December 31, 2015
Current Loans Modified in the Previous 12 Months		
Alt-A	25%	25%
Option ARM	25	25
Subprime	25	25
Current Loans Delinquent in the Previous 12 Months		
Alt-A	25	25
Option ARM	25	25
Subprime	25	25
30 - 59 Days Delinquent		
Alt-A	35	35
Option ARM	35	40
Subprime	40	45
60 - 89 Days Delinquent		
Alt-A	45	45
Option ARM	50	50
Subprime	50	55
90 + Days Delinquent		
Alt-A	55	55
Option ARM	55	60
Subprime	55	60
Bankruptcy		
Alt-A	45	45
Option ARM	50	50
Subprime	40	40
Foreclosure		
Alt-A	65	65
Option ARM	65	70
Subprime	65	70
Real Estate Owned		
All	100	100

While the Company uses liquidation rates as described above to project defaults of non-performing loans (including current loans modified or delinquent within the last 12 months), it projects defaults on presently current loans by applying a CDR trend. The start of that CDR trend is based on the defaults the Company projects will emerge from currently nonperforming, recently nonperforming and modified loans. The total amount of expected defaults from the non-performing loans is translated into a constant CDR (*i.e.*, the CDR plateau), which, if applied for each of the next 36 months, would be sufficient to produce approximately the amount of defaults that were calculated to emerge from the various delinquency categories. The CDR thus calculated individually on the delinquent collateral pool for each RMBS is then used as the starting point for the CDR curve used to project defaults of the presently performing loans.

In the base case, after the initial 36-month CDR plateau period, each transaction's CDR is projected to improve over 12 months to an intermediate CDR (calculated as 20% of its CDR plateau); that intermediate CDR is held constant for 36 months and then trails off in steps to a final CDR of 5% of the CDR plateau. In the base case, the Company assumes the final CDR will be reached 6.5 years after the initial 36-month CDR plateau period. Under the Company's methodology, defaults projected to occur in the first 36 months represent defaults that can be attributed to loans that were modified or delinquent in the last 12 months or that are currently delinquent or in foreclosure, while the defaults projected to occur using the projected CDR trend after the first 36 month period represent defaults attributable to borrowers that are currently performing or are projected to reperform.



Another important driver of loss projections is loss severity, which is the amount of loss the transaction incurs on a loan after the application of net proceeds from the disposal of the underlying property. Loss severities experienced in first lien transactions have reached historically high levels, and the Company is assuming in the base case that these high levels generally will continue for another 18 months. The Company determines its initial loss severity based on actual recent experience. As a result the Company updated severities for specific asset classes and vintages based on observed data, as shown in the tables below. The Company then assumes that loss severities begin returning to levels consistent with underwriting assumptions beginning after the initial 18 month period, declining to 40% in the base case over 2.5 years.

The following table shows the range as well as the average, weighted by outstanding net insured par, for key assumptions used in the calculation of expected loss to be paid for individual transactions for direct vintage 2004 - 2008 first lien U.S. RMBS.

**Key Assumptions in Base Case Expected Loss Estimates  
First Lien RMBS(1)**

	As of December 31, 2016		As of December 31, 2015	
	Range	Weighted Average	Range	Weighted Average
<b>Alt-A First Lien</b>				
Plateau CDR	3.9% - 10.5%	6.1%	4.0% - 12.0%	7.7%
Final CDR	0.2% - 0.5%	0.3%	0.2% - 0.6%	0.4%
Initial loss severity:				
2005 and prior	60.0%		60.0%	
2006	80.0%		70.0%	
2007	70.0%		65.0%	
<b>Option ARM</b>				
Plateau CDR	3.2% - 7.0%	5.7%	3.5% - 10.3%	7.9%
Final CDR	0.2% - 0.3%	0.3%	0.2% - 0.5%	0.4%
Initial loss severity:				
2005 and prior	60.0%		60.0%	
2006	70.0%		70.0%	
2007	75.0%		65.0%	
<b>Subprime</b>				
Plateau CDR	4.3% - 10.1%	8.1%	5.4% - 13.2%	9.7%
Final CDR	0.2% - 0.5%	0.4%	0.3% - 0.7%	0.5%
Initial loss severity:				
2005 and prior	80.0%		75.0%	
2006	90.0%		90.0%	
2007	90.0%		90.0%	

(1) Represents variables for most heavily weighted scenario (the base case).

The rate at which the principal amount of loans is voluntarily prepaid may impact both the amount of losses projected (since that amount is a function of the CDR, the loss severity and the loan balance over time) as well as the amount of excess spread (the amount by which the interest paid by the borrowers on the underlying loan exceeds the amount of interest owed on the insured obligations). The assumption for the voluntary conditional prepayment rate (CPR) follows a similar pattern to that of the CDR. The current level of voluntary prepayments is assumed to continue for the plateau period before gradually increasing over 12 months to the final CPR, which is assumed to be 15% in the base case. For transactions where the initial CPR is higher than the final CPR, the initial CPR is held constant and the final CPR is not used. These CPR assumptions are the same as those the Company used for December 31, 2015.

In estimating expected losses, the Company modeled and probability weighted sensitivities for first lien transactions by varying its assumptions of how fast a recovery is expected to occur. One of the variables used to model sensitivities was how quickly the CDR returned to its modeled equilibrium, which was defined as 5% of the initial CDR. The Company also stressed CPR and the speed of recovery of loss severity rates. The Company probability weighted a total of five scenarios as of December 31, 2016. The Company used a similar approach to establish its pessimistic and optimistic scenarios as of December 31, 2016 as it used as of December 31, 2015, increasing and decreasing the periods of stress from those used in the base case.

In the Company's most stressful scenario where loss severities were assumed to rise and then recover over nine years and the initial ramp-down of the CDR was assumed to occur over 15 months and other assumptions were the same as the other stress scenario, expected loss to be paid would increase from current projections by approximately \$8 million for Alt-A first liens, \$4 million for Option ARM and \$27 million for subprime transactions.

In the Company's least stressful scenario where the CDR plateau was six months shorter (30 months, effectively assuming that liquidation rates would improve) and the CDR recovery was more pronounced, (including an initial ramp-down of the CDR over nine months), expected loss to be paid would decrease from current projections by approximately \$10 million for Alt-A first liens, \$18 million for Option ARM and \$22 million for subprime transactions.

### ***U.S. Second Lien RMBS Loss Projections***

Second lien RMBS transactions include both home equity lines of credit (HELOC) and closed end second lien. The Company believes the primary variable affecting its expected losses in second lien RMBS transactions is the amount and timing of future losses in the collateral pool supporting the transactions. Expected losses are also a function of the structure of the transaction; the voluntary prepayment rate (typically also referred to as CPR of the collateral); the interest rate environment; and assumptions about the draw rate and loss severity.

In second lien transactions the projection of near-term defaults from currently delinquent loans is relatively straightforward because loans in second lien transactions are generally "charged off" (treated as defaulted) by the securitization's servicer once the loan is 180 days past due. The Company estimates the amount of loans that will default over the next six months by calculating current representative liquidation rates. A liquidation rate is the percent of loans in a given cohort (in this instance, delinquency category) that ultimately default. Similar to first liens, the Company then calculates a CDR for six months, which is the period over which the currently delinquent collateral is expected to be liquidated. That CDR is then used as the basis for the CDR plateau period that follows the embedded five months of losses.

For the base case scenario, the CDR (the plateau CDR) was held constant for six months. Once the plateau period has ended, the CDR is assumed to gradually trend down in uniform increments to its final long-term steady state CDR. (The long-term steady state CDR is calculated as the constant CDR that would have yielded the amount of losses originally expected at underwriting.) In the base case scenario, the time over which the CDR trends down to its final CDR is 28 months. Therefore, the total stress period for second lien transactions is 34 months, comprising six months of delinquent data, and 28 months of decrease to the steady state CDR, the same as of December 31, 2015.

HELOC loans generally permit the borrower to pay only interest for an initial period (often ten years) and, after that period, require the borrower to make both the monthly interest payment and a monthly principal payment, and so increase the borrower's aggregate monthly payment. Some of the HELOC loans underlying the Company's insured HELOC transactions have reached their principal amortization period. The Company has observed that the increase in monthly payments occurring when a loan reaches its principal amortization period, even if mitigated by borrower relief offered by the servicer, is associated with increased borrower defaults. Thus, most of the Company's HELOC projections incorporate an assumption that a percentage of loans reaching their amortization periods will default around the time of the payment increase. These projected defaults are in addition to those generated using the CDR curve as described above. This assumption is similar to the one used as of December 31, 2015.

When a second lien loan defaults, there is generally a very low recovery. The Company assumed as of December 31, 2016 that it will generally recover only 2% of the collateral defaulting in the future and declining additional amounts of post-default receipts on previously defaulted collateral. This is the same assumption used as of December 31, 2015.

The rate at which the principal amount of loans is prepaid may impact both the amount of losses projected as well as the amount of excess spread. In the base case, an average CPR (based on experience of the past year) is assumed to continue until the end of the plateau before gradually increasing to the final CPR over the same period the CDR decreases. The final CPR is assumed to be 15% for second lien transactions, which is lower than the historical average but reflects the Company's

continued uncertainty about the projected performance of the borrowers in these transactions. For transactions where the initial CPR is higher than the final CPR, the initial CPR is held constant and the final CPR is not used. This pattern is generally consistent with how the Company modeled the CPR as of December 31, 2015. To the extent that prepayments differ from projected levels it could materially change the Company's projected excess spread and losses.

The Company uses a number of other variables in its second lien loss projections, including the spread between relevant interest rate indices. These variables have been relatively stable and in the relevant ranges have less impact on the projection results than the variables discussed above. However, in a number of HELOC transactions the servicers have been modifying poorly performing loans from floating to fixed rates, and, as a result, rising interest rates would negatively impact the excess spread available from these modified loans to support the transactions. The Company incorporated these modifications in its assumptions.

In estimating expected losses, the Company modeled and probability weighted five possible CDR curves applicable to the period preceding the return to the long-term steady state CDR. The Company used five scenarios at December 31, 2016 and December 31, 2015. The Company believes that the level of the elevated CDR and the length of time it will persist, the ultimate prepayment rate, and the amount of additional defaults because of the expiry of the interest only period, are the primary drivers behind the likely amount of losses the collateral will suffer. The Company continues to evaluate the assumptions affecting its modeling results.

The Company believes the most important driver of its projected second lien RMBS losses is the performance of its HELOC transactions. The following table shows the range as well as the average, weighted by outstanding net insured par, for key assumptions for the calculation of expected loss to be paid for individual transactions for direct vintage 2004 - 2008 HELOCs.

**Key Assumptions in Base Case Expected Loss Estimates  
HELOCs(1)**

	As of December 31, 2016		As of December 31, 2015	
	Range	Weighted Average	Range	Weighted Average
Plateau CDR	3.5% - 22.4%	13.5%	4.9% - 23.5%	11.0%
Final CDR trended down to	0.6% - 3.2%	1.2%	0.6% - 3.2%	1.2%
Liquidation rates:				
Current Loans Modified in the Previous 12 Months	25%		25%	
Current Loans Delinquent in the Previous 12 Months	25		25	
30 - 59 Days Delinquent	50		50	
60 - 89 Days Delinquent	65		65	
90+ Days Delinquent	80		75	
Bankruptcy	55		55	
Foreclosure	75		75	
Real Estate Owned	100		100	
Loss severity	98%		98%	

(1) Represents variables for most heavily weighted scenario (the base case).

The Company's base case assumed a six month CDR plateau and a 28 month ramp-down (for a total stress period of 34 months). The Company also modeled a scenario with a longer period of elevated defaults and another with a shorter period of elevated defaults. Increasing the CDR plateau to eight months and increasing the ramp-down by three months to 31-months (for a total stress period of 39 months), and doubling the defaults relating to the end of the interest only period would increase the expected loss by approximately \$26 million for HELOC transactions. On the other hand, reducing the CDR plateau to four months and decreasing the length of the CDR ramp-down to 25 months (for a total stress period of 29 months), and lowering the ultimate prepayment rate to 10% would decrease the expected loss by approximately \$17 million for HELOC transactions.

### ***Breaches of Representations and Warranties***

The Company entered into agreements with R&W providers under which those providers made payments to the Company, agreed to make payments to the Company in the future, and / or repurchased loans from the transactions, all in return for releases of related liability by the Company. As of December 31, 2016, the Company had two such agreements remaining. Under the Company's agreement with Bank of America Corporation and certain of its subsidiaries (Bank of America), Bank of America agreed to reimburse the Company for 80% of claims on the first lien transactions covered by the agreement that the Company pays in the future, subject to a cap the Company currently projects it will not reach. Under the Company's agreement with UBS Real Estate Securities Inc. and affiliates (UBS), UBS agreed to reimburse the Company for 85% of future losses on three first lien RMBS transactions. Bank of America and UBS have posted collateral to secure their obligations under these agreements. The Company also had an R&W reimbursement agreement with Deutsche Bank AG and certain of its affiliates (collectively, Deutsche Bank), but Deutsche Bank's reimbursement obligations under that agreement were terminated in May 2016 in return for a cash payment to the Company. The Company uses the same RMBS projection scenarios and weightings to project its future R&W benefit or payable as it uses to project RMBS losses on its portfolio.

As of December 31, 2016 the Company had a net R&W payable of \$41 million to R&W counterparties, compared to an R&W recoverable of \$62 million as of December 31, 2015. The decrease represents improvements in underlying collateral performance and the termination of the Deutsche Bank agreement described above. The Company's agreements with providers of R&W generally provide for reimbursement to the Company as claim payments are made and, to the extent the Company later receives reimbursements of such claims from excess spread or other sources, for the Company to provide reimbursement to the R&W providers. When the Company projects receiving more reimbursements in the future than it projects to pay in claims on transactions covered by R&W settlement agreements, the Company will have a net R&W payable.

### ***Other structured finance***

The Company's other structured finance includes \$256 million net par rated BIG, including transactions backed by pooled corporate obligations and manufactured housing loans. The economic benefit during 2016 was \$6 million, which was attributable primarily to improved performance of various credits.

### ***Recovery Litigation***

On January 7, 2016, AGM, AGC and Ambac Assurance Corporation (Ambac) commenced an action for declaratory judgment and injunctive relief in the U.S. District Court for the District of Puerto Rico to invalidate the executive orders issued by the Governor on November 30, 2015 and December 8, 2015 directing that the Secretary of the Treasury of the Commonwealth of Puerto Rico and the Puerto Rico Tourism Company retain or transfer (in other words, claw back) certain taxes and revenues pledged to secure the payment of bonds issued by the PRHTA, the PRCCDA and the PRIFA. The Commonwealth defendants filed a motion to dismiss the action for lack of subject matter jurisdiction, which the Court denied on October 4, 2016. On October 14, 2016, the Commonwealth defendants filed a notice of PROMESA automatic stay.

On July 21, 2016, AGC and AGM filed a motion and form of complaint in the U.S. District Court for the District of Puerto Rico seeking relief from the stay provided by PROMESA. Upon a grant of relief from the PROMESA stay, the lawsuit further seeks a declaration that the Moratorium Act is preempted by Federal bankruptcy law and that certain gubernatorial executive orders diverting PRHTA pledged toll revenues (which are not subject to the Clawback) are preempted by PROMESA and violate the U.S. Constitution. Additionally, it seeks damages for the value of the PRHTA toll revenues diverted and injunctive relief prohibiting the defendants from taking any further action under these executive orders. On October 28, 2016, the Oversight Board filed a motion seeking leave to intervene in the action, which motion was denied on November 1, 2016, without prejudice, on procedural grounds. On November 2, 2016, the Court denied AGC's and AGM's motion for relief from the PROMESA stay on procedural grounds. The PROMESA stay expires on May 1, 2017.

For a discussion of the Company's exposure to Puerto Rico related to the litigation described above, please see Note 3, Outstanding Exposure.

## 5. Contracts Accounted for as Insurance

### Financial Guaranty Insurance Premiums

The portfolio of outstanding exposures discussed in Note 3, Outstanding Exposure, includes financial guaranty contracts that meet the definition of insurance contracts as well as those that meet the definition of a derivative under GAAP, and those that are accounted for as consolidated FG VIEs. Amounts presented in this note relate to financial guaranty insurance contracts, unless otherwise noted. See Note 7, Contracts Accounted for as Credit Derivatives for amounts that relate to CDS and Note 8, Consolidated Variable Interest Entities for amounts that relate to FG VIEs.

#### *Accounting Policies*

Accounting for financial guaranty contracts that meet the scope exception under derivative accounting guidance are subject to industry specific guidance for financial guaranty insurance. The accounting for contracts that fall under the financial guaranty insurance definition are consistent whether the contract was written on a direct basis, assumed from another financial guarantor under a reinsurance treaty, ceded to another insurer under a reinsurance treaty, or acquired in a business combination.

Premiums receivable comprise the present value of contractual or expected future premium collections discounted using the risk-free rate. Unearned premium reserve represents deferred premium revenue, less claim payments made and recoveries received that have not yet been recognized in the statement of operations (contra-paid). The following discussion relates to the deferred premium revenue component of the unearned premium reserve, while the contra-paid is discussed below under "Financial Guaranty Insurance Losses."

The amount of deferred premium revenue at contract inception is determined as follows:

- For premiums received upfront on financial guaranty insurance contracts that were originally underwritten by the Company, deferred premium revenue is equal to the amount of cash received. Upfront premiums typically relate to public finance transactions.
- For premiums received in installments on financial guaranty insurance contracts that were originally underwritten by the Company, deferred premium revenue is the present value of either (1) contractual premiums due or (2) in cases where the underlying collateral is comprised of homogeneous pools of assets, the expected premiums to be collected over the life of the contract. To be considered a homogeneous pool of assets, prepayments must be contractually prepayable, the amount of prepayments must be probable, and the timing and amount of prepayments must be reasonably estimable. When the Company adjusts prepayment assumptions or expected premium collections, an adjustment is recorded to the deferred premium revenue, with a corresponding adjustment to the premium receivable, and prospective changes are recognized in premium revenues. Premiums receivable are discounted at the risk-free rate at inception and such discount rate is updated only when changes to prepayment assumptions are made that change the expected date of final maturity. Installment premiums typically relate to structured finance transactions, where the insurance premium rate is determined at the inception of the contract but the insured par is subject to prepayment throughout the life of the transaction.
- For financial guaranty insurance contracts subject to push-down accounting, deferred premium revenue is equal to the fair value of the Company's stand-ready obligation portion of the insurance contract at the date of acquisition based on what a hypothetical similarly rated financial guaranty insurer would have charged for the contract at that date and not the actual cash flows under the insurance contract. The amount of deferred premium revenue may differ significantly from cash collections due primarily to fair value adjustments recorded in connection with a business combination.

The Company recognizes deferred premium revenue as earned premium over the contractual period or expected period of the contract in proportion to the amount of insurance protection provided. As premium revenue is recognized, a corresponding decrease to the deferred premium revenue is recorded. The amount of insurance protection provided is a function of the insured principal amount outstanding. Accordingly, the proportionate share of premium revenue recognized in a given reporting period is a constant rate calculated based on the relationship between the insured principal amounts outstanding in the reporting period compared with the sum of each of the insured principal amounts outstanding for all periods. When an insured financial obligation is retired before its maturity, the financial guaranty insurance contract is extinguished. Any nonrefundable deferred premium revenue related to that contract is accelerated and recognized as premium revenue. When a premium receivable balance is deemed uncollectible, it is written off to bad debt expense.

Deferred premium revenue ceded to reinsurers (ceded unearned premium reserve) is recorded as an asset. Direct, assumed and ceded earned premium revenue are presented together as net earned premiums in the statement of operations. Net earned premiums comprise the following:

### Net Earned Premiums

	Year Ended December 31,	
	2016	2015
	(in millions)	
Scheduled net earned premiums	\$ 204	\$ 243
Accelerations:		
Refundings	170	122
Terminations	64	29
Total Accelerations	234	151
Accretion of discount on net premiums receivable	7	10
Net earned premiums (1)	\$ 445	\$ 404

- (1) Excludes \$16 million and \$19 million for the year ended December 31, 2016 and 2015, respectively, related to consolidated FG VIEs.

### Components of Unearned Premium Reserve

	As of December 31, 2016			As of December 31, 2015		
	Gross	Ceded	Net(1)	Gross	Ceded	Net(1)
	(in millions)					
Deferred premium revenue	\$ 2,514	\$ 789	\$ 1,725	\$ 2,943	\$ 853	\$ 2,090
Contra-paid(2)	(27)	(1)	(26)	(10)	(8)	(2)
Unearned premium reserve	\$ 2,487	\$ 788	\$ 1,699	\$ 2,933	\$ 845	\$ 2,088

- (1) Excludes \$82 million and \$97 million of deferred premium revenue, and \$25 million and \$30 million of contra-paid related to FG VIEs as of December 31, 2016 and December 31, 2015, respectively.
- (2) See "Financial Guaranty Insurance Losses - Insurance Contracts' Loss Information" below for an explanation of "contra-paid".

**Gross Premium Receivable  
Roll Forward**

	Year Ended December 31,	
	2016	2015
	(in millions)	
Beginning of period, December 31	\$ 425	\$ 450
Gross written premiums	189	169
Gross premiums received	(223)	(171)
Adjustments:		
Changes in the expected term	(29)	(7)
Accretion of discount	4	13
Foreign exchange translation	(40)	(25)
Consolidation/deconsolidation of FG VIEs	—	(4)
End of period, December 31(1)	<u>\$ 326</u>	<u>\$ 425</u>

(1) Excludes \$4 million and \$5 million as of December 31, 2016 and 2015, respectively, related to consolidated FG VIEs.

Foreign exchange translation relates to installment premiums receivable denominated in currencies other than the U.S. dollar. Approximately 85% and 82% of installment premiums at December 31, 2016 and 2015, respectively, are denominated in currencies other than the U.S. dollar, primarily the euro and pound sterling.

The timing and cumulative amount of actual collections may differ from expected collections in the tables below due to factors such as foreign exchange rate fluctuations, counterparty collectability issues, accelerations, commutations and changes in expected lives.

**Expected Collections of  
Financial Guaranty Insurance Gross Premiums Receivable  
(Undiscounted)**

	As of December 31, 2016 (in millions)
2017 (January 1 – March 31)	\$ 15
2017 (April 1 – June 30)	14
2017 (July 1 – September 30)	8
2017 (October 1 – December 31)	8
2018	32
2019	28
2020	26
2021	26
2022-2026	99
2027-2031	73
2032-2036	49
After 2036	46
Total (1)	<u>\$ 424</u>

(1) Excludes expected cash collections on FG VIEs of \$5 million.

## Scheduled Financial Guaranty Insurance Net Earned Premiums

	As of December 31, 2016 (in millions)
2017 (January 1 – March 31)	\$ 45
2017 (April 1 – June 30)	44
2017 (July 1 – September 30)	43
2017 (October 1 – December 31)	41
Subtotal 2017	173
2018	158
2019	138
2020	125
2021	113
2022-2026	435
2027-2031	275
2032-2036	163
After 2036	145
Net deferred premium revenue(1)	1,725
Future accretion	65
Total future net earned premiums	\$ 1,790

(1) Excludes scheduled net earned premiums on consolidated FG VIEs of \$82 million.

## Selected Information for Financial Guaranty Insurance Policies Paid in Installments

	As of December 31, 2016	As of December 31, 2015
	(dollars in millions)	
Premiums receivable	\$ 326	\$ 425
Gross deferred premium revenue	750	966
Weighted-average risk-free rate used to discount premiums	3.1%	3.2%
Weighted-average period of premiums receivable (in years)	9.8	10.0

## Financial Guaranty Insurance Acquisition Costs

### *Accounting Policy*

Policy acquisition costs that are directly related and essential to successful insurance contract acquisition and ceding commission income on ceded reinsurance contracts are deferred for contracts accounted for as insurance and reported net. Amortization of deferred ceding commissions includes the accretion of discount on ceding commission income and expense.

Capitalized policy acquisition costs include expenses such as the cost of underwriting personnel attributable to successful underwriting efforts. Ceding commission expense on assumed reinsurance contracts and ceding commission income on ceded reinsurance contracts that are associated with premiums received in installments are calculated at their contractually defined commission rates, discounted consistent with premiums receivable for all future periods, and included in deferred acquisition costs (DAC), with a corresponding offset to net premiums receivable or reinsurance balances payable. Management uses its judgment in determining the type and amount of costs to be deferred. The Company conducts an annual study to determine which operating costs qualify for deferral. Costs incurred for soliciting potential customers, market research,



training, administration, unsuccessful acquisition efforts, and product development as well as all overhead type costs are charged to expense as incurred. DAC, net of deferred ceding commission income, is amortized in proportion to net earned premiums. When an insured obligation is retired early, the remaining related DAC, net of ceding commission income is recognized at that time.

**Rollforward of  
Deferred Ceding Commissions,  
Net of DAC(1)**

	Year Ended December 31,	
	2016	2015
	(in millions)	
Beginning of period	\$ (75)	\$ (78)
Costs deferred during the period:		
Commissions on ceded business	(21)	(19)
Premium taxes	4	1
Compensation and other acquisition costs	6	8
Total	(11)	(10)
Costs amortized during the period	13	13
End of period	<u>\$ (73)</u>	<u>\$ (75)</u>

(1) The balances are included in other liabilities on the consolidated balance sheets.

## **Financial Guaranty Insurance Losses**

### ***Accounting Policies***

#### ***Loss and LAE Reserve***

Loss and LAE reserve reported on the balance sheet relates only to direct and assumed reinsurance contracts that are accounted for as insurance, substantially all of which are financial guaranty insurance contracts. The corresponding reserve ceded to reinsurers is reported as reinsurance recoverable on unpaid losses. As discussed in Note 6, Fair Value Measurement, contracts that meet the definition of a derivative, as well as consolidated FG VIE assets and liabilities, are recorded separately at fair value. Any expected losses related to consolidated FG VIEs are eliminated upon consolidation. Any expected losses on credit derivatives are not recorded as loss and LAE reserve on the consolidated balance sheet rather, credit derivatives are recorded at fair value on the balance sheet.

Under financial guaranty insurance accounting, the sum of unearned premium reserve and loss and LAE reserve represents the Company's stand-ready obligation. Unearned premium reserve is deferred premium revenue, less claim payments and recoveries received that have not yet been recognized in the statement of operations (contra-paid). At contract inception, the entire stand-ready obligation is represented by unearned premium reserve. A loss and LAE reserve for an insurance contract is recorded only to the extent, and for the amount, that expected loss to be paid net of contra-paid ("total losses") exceed the deferred premium revenue, on a contract by contract basis. As a result, the Company has expected loss to be paid that has not yet been expensed. Such amounts will be recognized in future periods as deferred premium revenue amortizes into income.

When a claim or LAE payment is made on a contract, it first reduces any recorded loss and LAE reserve. To the extent there is no loss and LAE reserve on a contract, then such claim payment is recorded as "contra-paid," which reduces the unearned premium reserve. The contra-paid is recognized in the line item "loss and LAE" in the consolidated statement of operations when and for the amount that total losses exceed the remaining deferred premium revenue on the insurance contract. Loss and LAE in the consolidated statement of operations is presented net of cessions to reinsurers.

### *Salvage and Subrogation Recoverable*

When the Company becomes entitled to the cash flow from the underlying collateral of an insured credit under salvage and subrogation rights as a result of a claim payment or estimated future claim payment, it reduces the expected loss to be paid on the contract. Such reduction in expected loss to be paid can result in one of the following:

- a reduction in the corresponding loss and LAE reserve with a benefit to the income statement,
- no entry recorded, if “total loss” is not in excess of deferred premium revenue, or
- the recording of a salvage asset with a benefit to the income statement if the transaction is in a net recovery position at the reporting date.

The Company recognizes the expected recovery of claim payments (including recoveries from settlement with R&W providers) made by the Company prior to the date of its acquisition by AGL consistent with its policy for recognizing recoveries on all financial guaranty insurance contracts. To the extent that the estimated amount of recoveries increases or decreases, due to changes in facts and circumstances, the Company would recognize a benefit or expense consistent with how changes in the expected recovery of all other claim payments are recorded. The ceded component of salvage and subrogation recoverable is recorded in the line item reinsurance balances payable.

### *Expected Loss to be Expensed*

Expected loss to be expensed represents past or expected future net claim payments that have not yet been expensed. Such amounts will be expensed in future periods as deferred premium revenue amortizes into income on financial guaranty insurance policies. Expected loss to be expensed is the Company's projection of incurred losses that will be recognized in future periods, excluding accretion of discount.

## Insurance Contracts' Loss Information

The following table provides information on loss and LAE reserves and salvage and subrogation recoverable, net of reinsurance. The Company used risk-free rates for U.S. dollar denominated financial guaranty insurance obligations that ranged from 0.0% to 3.23% with a weighted average of 2.69% as of December 31, 2016 and 0.0% to 3.25% with a weighted average of 2.21% as of December 31, 2015.

### Loss and LAE Reserve and Salvage and Subrogation Recoverable Net of Reinsurance Insurance Contracts

	As of December 31, 2016			As of December 31, 2015		
	Loss and LAE Reserve, net	Salvage and Subrogation Recoverable, net	Net Reserve (Recoverable)	Loss and LAE Reserve, net	Salvage and Subrogation Recoverable, net	Net Reserve (Recoverable)
	(in millions)					
Public finance:						
U.S. public finance	\$ 307	\$ 18	\$ 289	\$ 178	\$ 0	\$ 178
Non-U.S. public finance	13	—	13	15	—	15
Public finance	320	18	302	193	—	193
Structured finance:						
U.S. RMBS	216	197	19	194	102	92
Other structured finance	13	—	13	19	1	18
Structured finance	229	197	32	213	103	110
Subtotal	549	215	334	406	103	303
Elimination of losses attributable to FG VIEs	(55)	—	(55)	(72)	0	(72)
Total (1)	\$ 494	\$ 215	\$ 279	\$ 334	\$ 103	\$ 231

- (1) See “Components of Net Reserves (Salvage)” table for loss and LAE reserve and salvage and subrogation recoverable components.

### Components of Net Reserves (Salvage)

	As of December 31, 2016	As of December 31, 2015
	(in millions)	
Loss and LAE reserve	\$ 686	\$ 488
Reinsurance recoverable on unpaid losses	(192)	(154)
Loss and LAE reserve, net	494	334
Salvage and subrogation recoverable	(249)	(109)
Salvage and subrogation payable(1)	34	6
Salvage and subrogation recoverable, net	(215)	(103)
Net reserves (salvage)	\$ 279	\$ 231

- (1) Recorded as a component of reinsurance balances payable.

The table below provides a reconciliation of net expected loss to be paid to net expected loss to be expensed. Expected loss to be paid differs from expected loss to be expensed due to: (i) the contra-paid which represent the claim payments made and recoveries received that have not yet been recognized in the statement of operations, (ii) salvage and subrogation recoverable for transactions that are in a net recovery position where the Company has not yet received recoveries on claims previously paid (having the effect of reducing net expected loss to be paid by the amount of the previously paid claim and the expected recovery), but will have no future income effect (because the previously paid claims and the corresponding recovery of those claims will offset in income in future periods), and (iii) loss reserves that have already been established (and therefore expensed but not yet paid).

**Reconciliation of Net Expected Loss to be Paid and  
Net Expected Loss to be Expensed  
Financial Guaranty Insurance Contracts**

	As of December 31, 2016
	(in millions)
Net expected loss to be paid - financial guaranty insurance (1)	420
Contra-paid, net	26
Salvage and subrogation recoverable, net of reinsurance	215
Loss and LAE reserve, net of reinsurance	(494)
Net expected loss to be expensed (present value)(2)	<u>\$ 167</u>

(1) See "Net Expected Loss to be Paid (Recovered) by Accounting Model" table in Note 4, Expected Loss to be Paid.

(2) Excludes \$60 million as of December 31, 2016 related to consolidated FG VIEs.

The following table provides a schedule of the expected timing of net expected losses to be expensed. The amount and timing of actual loss and LAE may differ from the estimates shown below due to factors such as accelerations, commutations, changes in expected lives and updates to loss estimates. This table excludes amounts related to FG VIEs, which are eliminated in consolidation.

**Net Expected Loss to be Expensed  
Financial Guaranty Insurance Contracts**

	As of December 31, 2016
	(in millions)
2017 (January 1 – March 31)	\$ 5
2017 (April 1 – June 30)	5
2017 (July 1 – September 30)	5
2017 (October 1 – December 31)	5
Subtotal 2017	20
2018	18
2019	17
2020	16
2021	14
2022-2026	44
2027-2031	22
2032-2036	12
After 2036	4
Net expected loss to be expensed	167
Future accretion	149
Total expected future loss and LAE	\$ 316

The following table presents the loss and LAE recorded in the consolidated statements of operations by sector for insurance contracts. Amounts presented are net of reinsurance.

**Loss and LAE  
Reported on the  
Consolidated Statements of Operations**

	Year Ended December 31,	
	2016	2015
	(in millions)	
Public finance:		
U.S. public finance	\$ 191	\$ 78
Non-U.S. public finance	(2)	0
Public finance	189	78
Structured finance:		
U.S. RMBS	23	59
Other structured finance	(4)	0
Structured finance	19	59
Loss and LAE on insurance contracts before FG VIE consolidation	208	137
Gain (loss) related to FG VIE consolidation	(8)	(27)
Loss and LAE	\$ 200	\$ 110

The following table provides information on financial guaranty insurance contracts categorized as BIG.

**Financial Guaranty Insurance  
BIG Transaction Loss Summary  
As of December 31, 2016**

	BIG Categories								
	BIG 1		BIG 2		BIG 3		Total BIG, Net	Effect of Consolidating VIEs	Total
	Gross	Ceded	Gross	Ceded	Gross	Ceded			
	(dollars in millions)								
Number of risks(1)	56	(48)	12	(12)	49	(49)	117	—	117
Remaining weighted-average contract period (in years)	8.1	7.4	10.9	9.3	8.2	9.8	8.9	—	8.9
Outstanding exposure:									
Principal	\$ 2,838	\$ (928)	\$ 2,192	\$ (807)	\$ 3,440	\$ (873)	\$ 5,862	\$ —	\$ 5,862
Interest	1,274	(379)	1,225	(382)	1,460	(436)	2,762	—	2,762
Total(2)	<u>\$ 4,112</u>	<u>\$ (1,307)</u>	<u>\$ 3,417</u>	<u>\$ (1,189)</u>	<u>\$ 4,900</u>	<u>\$ (1,309)</u>	<u>\$ 8,624</u>	<u>\$ —</u>	<u>\$ 8,624</u>
Expected cash outflows (inflows)	\$ 106	\$ (38)	\$ 770	\$ (181)	\$ 1,055	\$ (178)	\$ 1,534	\$ (274)	\$ 1,260
Potential recoveries									
Undiscounted R&W	120	(4)	—	—	(38)	2	80	—	80
Other(3)	(406)	45	(111)	8	(595)	124	(935)	164	(771)
Total potential recoveries	(286)	41	(111)	8	(633)	126	(855)	164	(691)
Subtotal	(180)	3	659	(173)	422	(52)	679	(110)	569
Discount	34	(7)	(175)	35	(44)	(12)	(169)	20	(149)
Present value of expected cash flows	<u>\$ (146)</u>	<u>\$ (4)</u>	<u>\$ 484</u>	<u>\$ (138)</u>	<u>\$ 378</u>	<u>\$ (64)</u>	<u>\$ 510</u>	<u>\$ (90)</u>	<u>\$ 420</u>
Deferred premium revenue	\$ 45	\$ (11)	\$ 64	\$ (11)	\$ 297	\$ (49)	\$ 335	\$ (82)	\$ 253
Reserves (salvage)(4)	\$ (170)	\$ 5	\$ 440	\$ (128)	\$ 222	\$ (35)	\$ 334	\$ (55)	\$ 279

**Financial Guaranty Insurance  
BIG Transaction Loss Summary  
As of December 31, 2015**

	BIG Categories								
	BIG 1		BIG 2		BIG 3		Total BIG, Net	Effect of Consolidating VIEs	Total
	Gross	Ceded	Gross	Ceded	Gross	Ceded			
	(dollars in millions)								
Number of risks(1)	59	(52)	14	(14)	43	(43)	116	—	116
Remaining weighted-average contract period (in years)	10.2	9.8	10.0	8.7	6.8	7.1	9.3	—	9.3
Outstanding exposure:									
Principal	\$ 4,718	\$ (1,763)	\$ 1,923	\$ (544)	\$ 2,325	\$ (325)	\$ 6,334	\$ —	\$ 6,334
Interest	2,665	(952)	983	(234)	786	(101)	3,147	—	3,147
Total(2)	<u>\$ 7,383</u>	<u>\$ (2,715)</u>	<u>\$ 2,906</u>	<u>\$ (778)</u>	<u>\$ 3,111</u>	<u>\$ (426)</u>	<u>\$ 9,481</u>	<u>\$ —</u>	<u>\$ 9,481</u>
Expected cash outflows (inflows)	\$ 274	\$ (84)	\$ 531	\$ (136)	\$ 1,044	\$ (115)	\$ 1,514	\$ (290)	\$ 1,224
Potential recoveries									
Undiscounted R&W	72	(2)	(47)	3	(77)	7	(44)	—	(44)
Other(3)	(336)	19	(134)	16	(441)	71	(805)	146	(659)
Total potential recoveries	(264)	17	(181)	19	(518)	78	(849)	146	(703)
Subtotal	10	(67)	350	(117)	526	(37)	665	(144)	521
Discount	30	10	(62)	21	(98)	(8)	(107)	30	(77)
Present value of expected cash flows	<u>\$ 40</u>	<u>\$ (57)</u>	<u>\$ 288</u>	<u>\$ (96)</u>	<u>\$ 428</u>	<u>\$ (45)</u>	<u>\$ 558</u>	<u>\$ (114)</u>	<u>\$ 444</u>
Deferred premium revenue	\$ 168	\$ (44)	\$ 69	\$ (8)	\$ 343	\$ (47)	\$ 481	\$ (95)	\$ 386
Reserves (salvage)(4)	\$ (13)	\$ (37)	\$ 240	\$ (90)	\$ 224	\$ (21)	\$ 303	\$ (72)	\$ 231

- (1) A risk represents the aggregate of the financial guaranty policies that share the same revenue source for purposes of making debt service payments. The ceded number of risks represents the number of risks for which the Company ceded a portion of its exposure.
- (2) Includes BIG amounts related to FG VIEs.
- (3) Includes excess spread.
- (4) See table “Components of net reserves (salvage).”

***Ratings Impact on Financial Guaranty Business***

A downgrade of the Company may result in increased claims under financial guaranties issued by the Company, if the insured obligors were unable to pay.

For example, AGM has issued financial guaranty insurance policies in respect of the obligations of municipal obligors under interest rate swaps. AGM insures periodic payments owed by the municipal obligors to the bank counterparties. In certain cases, AGM also insures termination payments that may be owed by the municipal obligors to the bank counterparties. If (i) AGM has been downgraded below the ratings trigger set forth in a swap under which it has insured the termination payment, which rating trigger varies on a transaction by transaction basis; (ii) the municipal obligor has the right to cure by, but has failed in, posting collateral, replacing AGM or otherwise curing the downgrade of AGM; (iii) the transaction documents include as a condition that an event of default or termination event with respect to the municipal obligor has occurred, such as the rating of the municipal obligor being downgraded past a specified level, and such condition has been met; (iv) the bank counterparty has elected to terminate the swap; (v) a termination payment is payable by the municipal obligor; and (vi) the municipal obligor has failed to make the termination payment payable by it, then AGM would be required to pay the termination payment due by the municipal obligor, in an amount not to exceed the policy limit set forth in the financial

guaranty insurance policy. At AGM's current financial strength ratings, if the conditions giving rise to the obligation of AGM to make a termination payment under the swap termination policies were all satisfied, then AGM could pay claims in an amount not exceeding approximately \$125 million in respect of such termination payments. Taking into consideration whether the rating of the municipal obligor is below any applicable specified trigger, if the financial strength ratings of AGM were further downgraded below "A" by S&P or below "A2" by Moody's, and the conditions giving rise to the obligation of AGM to make a payment under the swap policies were all satisfied, then AGM could pay claims in an additional amount not exceeding approximately \$291 million in respect of such termination payments.

As another example, with respect to variable rate demand obligations (VRDOs) for which a bank has agreed to provide a liquidity facility, a downgrade of AGM may provide the bank with the right to give notice to bondholders that the bank will terminate the liquidity facility, causing the bondholders to tender their bonds to the bank. Bonds held by the bank accrue interest at a "bank bond rate" that is higher than the rate otherwise borne by the bond (typically the prime rate plus 2.00% - 3.00%, and capped at the lesser of 25% and the maximum legal limit). In the event the bank holds such bonds for longer than a specified period of time, usually 90-180 days, the bank has the right to demand accelerated repayment of bond principal, usually through payment of equal installments over a period of not less than five years. In the event that a municipal obligor is unable to pay interest accruing at the bank bond rate or to pay principal during the shortened amortization period, a claim could be submitted to AGM under its financial guaranty policy. As of December 31, 2016, the Company had insured approximately \$4.0 billion net par of VRDOs, of which approximately \$0.2 billion of net par constituted VRDOs issued by municipal obligors rated BBB- or lower pursuant to the Company's internal rating. The specific terms relating to the rating levels that trigger the bank's termination right, and whether it is triggered by a downgrade by one rating agency or a downgrade by all rating agencies then rating the insurer, vary depending on the transaction.

In addition, AGM may be required to pay claims in respect of AGMH's former financial products business if Dexia SA and its affiliates, from which the Company had purchased AGMH and its subsidiaries, do not comply with their obligations following a downgrade of the financial strength rating of AGM. A downgrade of the financial strength rating of AGM could trigger a payment obligation of AGM in respect to AGMH's former guaranteed investment contracts (GIC) business. Most GICs insured by AGM allow for the termination of the GIC contract and a withdrawal of GIC funds at the option of the GIC holder in the event of a downgrade of AGM below a specified threshold, generally below A- by S&P or A3 by Moody's. FSA Asset Management LLC is expected to have sufficient eligible and liquid assets to satisfy any expected withdrawal and collateral posting obligations resulting from future rating actions affecting AGM.

## **6. Fair Value Measurement**

The Company carries a significant portion of its assets and liabilities at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., exit price). The price represents the price available in the principal market for the asset or liability. If there is no principal market, then the price is based on a hypothetical market that maximizes the value received for an asset or minimizes the amount paid for a liability (i.e., the most advantageous market).

Fair value is based on quoted market prices, where available. If listed prices or quotes are not available, fair value is based on either internally developed models that primarily use, as inputs, market-based or independently sourced market parameters, including but not limited to yield curves, interest rates and debt prices or with the assistance of an independent third-party using a discounted cash flow approach and the third party's proprietary pricing models. In addition to market information, models also incorporate transaction details, such as maturity of the instrument and contractual features designed to reduce the Company's credit exposure, such as collateral rights as applicable.

Valuation adjustments may be made to ensure that financial instruments are recorded at fair value. These adjustments include amounts to reflect counterparty credit quality, the Company's creditworthiness and constraints on liquidity. As markets and products develop and the pricing for certain products becomes more or less transparent, the Company may refine its methodologies and assumptions. During 2016, no changes were made to the Company's valuation models that had, or are expected to have, a material impact on the Company's consolidated balance sheets or statements of operations and comprehensive income.

The Company's methods for calculating fair value produce a fair value that may not be indicative of net realizable value or reflective of future fair values. The use of different methodologies or assumptions to determine fair value of certain financial instruments could result in a different estimate of fair value at the reporting date.

The categorization within the fair value hierarchy is determined based on whether the inputs to valuation techniques used to measure fair value are observable or unobservable. Observable inputs reflect market data obtained from independent



sources, while unobservable inputs reflect Company estimates of market assumptions. The fair value hierarchy prioritizes model inputs into three broad levels as follows, with Level 1 being the highest and Level 3 the lowest. An asset or liability's categorization is based on the lowest level of significant input to its valuation.

Level 1—Quoted prices for identical instruments in active markets. The Company generally defines an active market as a market in which trading occurs at significant volumes. Active markets generally are more liquid and have a lower bid-ask spread than an inactive market.

Level 2—Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and observable inputs other than quoted prices, such as interest rates or yield curves and other inputs derived from or corroborated by observable market inputs.

Level 3—Model derived valuations in which one or more significant inputs or significant value drivers are unobservable. Financial instruments are considered Level 3 when their values are determined using pricing models, discounted cash flow methodologies or similar techniques and at least one significant model assumption or input is unobservable. Level 3 financial instruments also include those for which the determination of fair value requires significant management judgment or estimation.

Transfers between Levels 1, 2 and 3 are recognized at the end of the period when the transfer occurs. The Company reviews the classification between Levels 1, 2 and 3 quarterly to determine whether a transfer is necessary. During the periods presented, there were no transfers between Levels 1, 2 and 3.

## **Measured and Carried at Fair Value**

### ***Fixed-Maturity Securities and Short-Term Investments***

The fair value of bonds in the investment portfolio is generally based on prices received from third party pricing services or alternative pricing sources with reasonable levels of price transparency. The pricing services prepare estimates of fair value measurements using their pricing models, which include available relevant market information, benchmark curves, benchmarking of like securities, and sector groupings. Additional valuation factors that can be taken into account are nominal spreads and liquidity adjustments. The pricing services evaluate each asset class based on relevant market and credit information, perceived market movements, and sector news. The market inputs used in the pricing evaluation include: benchmark yields, reported trades, broker/dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers, reference data and industry and economic events. Benchmark yields have in many cases taken priority over reported trades for securities that trade less frequently or those that are distressed trades, and therefore may not be indicative of the market. The extent of the use of each input is dependent on the asset class and the market conditions. Given the asset class, the priority of the use of inputs may change or some market inputs may not be relevant. Additionally, the valuation of fixed-maturity investments is more subjective when markets are less liquid due to the lack of market based inputs, which may increase the potential that the estimated fair value of an investment is not reflective of the price at which an actual transaction would occur.

Short-term investments that are traded in active markets are classified within Level 1 in the fair value hierarchy and their value is based on quoted market prices. Securities such as discount notes are classified within Level 2 because these securities are typically not actively traded due to their approaching maturity and, as such, their cost approximates fair value. Short-term securities that were obtained as part of loss mitigation efforts and whose prices were determined based on models, where at least one significant model assumption or input is unobservable, are considered to be Level 3 in the fair value hierarchy.

Annually, the Company reviews each pricing service's procedures, controls and models used in the valuations of the Company's investment portfolio, as well as the competency of the pricing service's key personnel. In addition, on a quarterly basis, the Company holds a meeting of the internal valuation committee (comprised of individuals within the Company with market, valuation, accounting, and/or finance experience) that reviews and approves prices and assumptions used by the pricing services.

For Level 1 and 2 securities, the Company, on a quarterly basis, reviews internally developed analytic packages that highlight, at a CUSIP level, price changes from the previous quarter to the current quarter. Where unexpected price movements are noted for a specific CUSIP, the Company formally challenges the price provided, and reviews all key inputs utilized in the third party's pricing model, and compares such information to management's own market information.

For Level 3 securities, the Company, on a quarterly basis:

- reviews methodologies, any model updates and inputs and compares such information to management's own market information and, where applicable, the internal models,
- reviews internally developed analytic packages that highlight, at a CUSIP level, price changes from the previous quarter to the current quarter, and evaluates, documents, and resolves any significant pricing differences with the assistance of the third party pricing source, and
- compares prices received from different third party pricing sources, and evaluates, documents the rationale for, and resolves any significant pricing differences.

As of December 31, 2016, the Company used models to price 28 fixed-maturity securities (primarily securities that were purchased or obtained for loss mitigation or other risk management purposes), which were 13% or \$717 million of the Company's fixed-maturity securities and short-term investments at fair value. Most Level 3 securities were priced with the assistance of an independent third-party. The pricing is based on a discounted cash flow approach using the third-party's proprietary pricing models. The models use inputs such as projected prepayment speeds; severity assumptions; recovery lag assumptions; estimated default rates (determined on the basis of an analysis of collateral attributes, historical collateral performance, borrower profiles and other features relevant to the evaluation of collateral credit quality); home price appreciation/depreciation rates based on macroeconomic forecasts and recent trading activity. The yield used to discount the projected cash flows is determined by reviewing various attributes of the bond including collateral type, weighted average life, sensitivity to losses, vintage, and convexity, in conjunction with market data on comparable securities. Significant changes to any of these inputs could materially change the expected timing of cash flows within these securities which is a significant factor in determining the fair value of the securities.

#### ***Other Invested Assets***

As of December 31, 2016 and December 31, 2015, other invested assets include investments carried and measured at fair value on a recurring basis of \$49 million and \$51 million, respectively, and include primarily an investment in the global property catastrophe risk market and an investment in a fund that invests primarily in senior loans and bonds. Fair values for the majority of these investments are based on their respective net asset value (NAV) per share or equivalent.

#### ***Other Assets***

##### ***Committed Capital Securities (CCS)***

The fair value of AGM Committed Preferred Trust Securities (the AGM CPS), which is recorded in "other assets" on the consolidated balance sheets, represents the difference between the present value of remaining expected put option premium payments under AGM CPS agreements, and the estimated present value that the Company would hypothetically have to pay currently for a comparable security (see Note 15, Notes Payable and Credit Facilities). The AGM CPS are carried at fair value with changes in fair value recorded in the consolidated statement of operations. The estimated current cost of the AGM CPS is based on several factors, including AGM CDS spreads, the U.S. dollar forward swap curve, London Interbank Offered Rate (LIBOR) curve projections, Assured Guaranty's publicly traded debt and the term the securities are estimated to remain outstanding.

##### ***Contracts Accounted for as Credit Derivatives***

The Company's credit derivatives consist primarily of insured CDS contracts, and also include interest rate swaps that fall under derivative accounting standards requiring fair value accounting through the statement of operations. The following is a description of the fair value methodology applied to the Company's insured CDS that are accounted for as credit derivatives, which constitute the vast majority of the net credit derivative liability in the consolidated balance sheets. The Company did not enter into CDS with the intent to trade these contracts and the Company may not unilaterally terminate a CDS contract absent an event of default or termination event that entitles the Company to terminate such contracts; however, the Company has mutually agreed with various counterparties to terminate certain CDS transactions. Such terminations generally are done for an amount that approximates the present value of future premiums or for a negotiated amount; not at fair value.

The terms of the Company's CDS contracts differ from more standardized credit derivative contracts sold by companies outside the financial guaranty industry. The non-standard terms generally include the absence of collateral support agreements or immediate settlement provisions. In addition, the Company employs relatively high attachment points and does

not exit derivatives it sells or purchases for credit protection purposes, except under specific circumstances such as mutual agreements with counterparties. Management considers the non-standard terms of its credit derivative contracts in determining the fair value of these contracts.

Due to the lack of quoted prices and other observable inputs for its instruments or for similar instruments, the Company determines the fair value of its credit derivative contracts primarily through internally developed, proprietary models that use both observable and unobservable market data inputs to derive an estimate of the fair value of the Company's contracts in its principal markets (see "Assumptions and Inputs"). There is no established market where financial guaranty insured credit derivatives are actively traded; therefore, management has determined that the exit market for the Company's credit derivatives is a hypothetical one based on its entry market. Management has tracked the historical pricing of the Company's deals to establish historical price points in the hypothetical market that are used in the fair value calculation. These contracts are classified as Level 3 in the fair value hierarchy since there is reliance on at least one unobservable input deemed significant to the valuation model, most importantly the Company's estimate of the value of the non-standard terms and conditions of its credit derivative contracts and of the Company's current credit standing.

The Company's models and the related assumptions are continuously reevaluated by management and enhanced, as appropriate, based upon improvements in modeling techniques and availability of more timely and relevant market information.

The fair value of the Company's credit derivative contracts represents the difference between the present value of remaining premiums the Company expects to receive or pay and the estimated present value of premiums that a financial guarantor of comparable credit-worthiness would hypothetically charge or pay at the reporting date for the same protection. The fair value of the Company's credit derivatives depends on a number of factors, including notional amount of the contract, expected term, credit spreads, changes in interest rates, the credit ratings of referenced entities, the Company's own credit risk and remaining contractual cash flows. The expected remaining contractual premium cash flows are the most readily observable inputs since they are based on the CDS contractual terms. Credit spreads capture the effect of recovery rates and performance of underlying assets of these contracts, among other factors. Consistent with previous years, market conditions at December 31, 2016 were such that market prices of the Company's CDS contracts were not available.

Management considers factors such as current prices charged for similar agreements, when available, performance of underlying assets, life of the instrument, and the nature and extent of activity in the financial guaranty credit derivative marketplace. The assumptions that management uses to determine the fair value may change in the future due to market conditions. Due to the inherent uncertainties of the assumptions used in the valuation models, actual experience may differ from the estimates reflected in the Company's consolidated financial statements and the differences may be material.

#### *Assumptions and Inputs*

The various inputs and assumptions that are key to the establishment of the Company's fair value for CDS contracts are as follows:

- Gross spread.
- The allocation of gross spread among:
  - the profit the originator, usually an investment bank, realizes for putting the deal together and funding the transaction (bank profit);
  - premiums paid to the Company for the Company's credit protection provided (net spread); and
  - the cost of CDS protection purchased by the originator to hedge their counterparty credit risk exposure to the Company (hedge cost).
- The weighted average life which is based on debt service schedules.

The rates used to discount future expected premium cash flows ranged from 1.00% to 2.08% at December 31, 2016 and 0.54% to 2.38% at December 31, 2015.

The Company obtains gross spreads on its outstanding contracts from market data sources published by third parties (e.g., dealer spread tables for the collateral similar to assets within the Company's transactions), as well as collateral-specific spreads provided by trustees or obtained from market sources. If observable market credit spreads are not available or reliable

for the underlying reference obligations, then market indices are used that most closely resemble the underlying reference obligations, considering asset class, credit quality rating and maturity of the underlying reference obligations. These indices are adjusted to reflect the non-standard terms of the Company's CDS contracts. Market sources determine credit spreads by reviewing new issuance pricing for specific asset classes and receiving price quotes from their trading desks for the specific asset in question. Management validates these quotes by cross-referencing quotes received from one market source against quotes received from another market source to ensure reasonableness. In addition, the Company compares the relative change in price quotes received from one quarter to another, with the relative change experienced by published market indices for a specific asset class. Collateral specific spreads obtained from third-party, independent market sources are unpublished spread quotes from market participants or market traders who are not trustees. Management obtains this information as the result of direct communication with these sources as part of the valuation process.

With respect to CDS transactions for which there is an expected claim payment within the next twelve months, the allocation of gross spread reflects a higher allocation to the cost of credit rather than the bank profit component. In the current market, it is assumed that a bank would be willing to accept a lower profit on distressed transactions in order to remove these transactions from its financial statements.

The following spread hierarchy is utilized in determining which source of gross spread to use, with the rule being to use CDS spreads where available. If not available, CDS spreads are either interpolated or extrapolated based on similar transactions or market indices.

- Actual collateral specific credit spreads (if up-to-date and reliable market-based spreads are available).
- Deals priced or closed during a specific quarter within a specific asset class and specific rating. No transactions closed during the periods presented.
- Credit spreads interpolated based upon market indices.
- Credit spreads provided by the counterparty of the CDS.
- Credit spreads extrapolated based upon transactions of similar asset classes, similar ratings, and similar time to maturity.

As of December 31, 2016 and December 31, 2015, all of the Company's CDS contracts were fair valued utilizing credit spreads interpolated based upon market indices.

Over time the data inputs can change as new sources become available or existing sources are discontinued or are no longer considered to be the most appropriate. It is the Company's objective to move to higher levels on the hierarchy whenever possible, but it is sometimes necessary to move to lower priority inputs because of discontinued data sources or management's assessment that the higher priority inputs are no longer considered to be representative of market spreads for a given type of collateral. This can happen, for example, if transaction volume changes such that a previously used spread index is no longer viewed as being reflective of current market levels.

The Company interpolates a curve based on the historical relationship between the premium the Company receives when a credit derivative is closed to the daily closing price of the market index related to the specific asset class and rating of the deal. This curve indicates expected credit spreads at each indicative level on the related market index. For transactions with unique terms or characteristics where no price quotes are available, management extrapolates credit spreads based on a similar transaction for which the Company has received a spread quote from one of the first three sources within the Company's spread hierarchy. This alternative transaction will be within the same asset class, have similar underlying assets, similar credit ratings, and similar time to maturity. The Company then calculates the percentage of relative spread change quarter over quarter for the alternative transaction. This percentage change is then applied to the historical credit spread of the transaction for which no price quote was received in order to calculate the transaction's current spread. Counterparties determine credit spreads by reviewing new issuance pricing for specific asset classes and receiving price quotes from their trading desks for the specific asset in question. These quotes are validated by cross-referencing quotes received from one market source with those quotes received from another market source to ensure reasonableness.

The premium the Company receives is referred to as the "net spread." The Company's pricing model takes into account not only how credit spreads on risks that it assumes affect pricing, but also how the Company's own credit spread affects the pricing of its deals. The Company's own credit risk is factored into the determination of net spread based on the impact of changes in the quoted market price for credit protection bought on the Company, as reflected by quoted market prices

on CDS referencing AGM. For credit spreads on the Company's name the Company obtains the quoted price of CDS contracts traded on AGM from market data sources published by third parties. The cost to acquire CDS protection referencing AGM affects the amount of spread on CDS deals that the Company retains and, hence, their fair value. As the cost to acquire CDS protection referencing AGM increases, the amount of premium the Company retains on a deal generally decreases. As the cost to acquire CDS protection referencing AGM decreases, the amount of premium the Company retains on a deal generally increases. In the Company's valuation model, the premium the Company captures is not permitted to go below the minimum rate that the Company would currently charge to assume similar risks. This assumption can have the effect of mitigating the amount of unrealized gains that are recognized on certain CDS contracts. Given the current market conditions and the Company's own credit spreads, approximately 34%, and 14%, based on number of deals, of the Company's CDS contracts are fair valued using this minimum premium as of December 31, 2016 and December 31, 2015, respectively. The percentage of deals that price using the minimum premiums fluctuates due to changes in AGM's credit spreads. In general when AGM's credit spreads narrow, the cost to hedge AGM's name declines and more transactions price above previously established floor levels. Meanwhile, when AGM's credit spreads widen, the cost to hedge AGM's name increases causing more transactions to price at previously established floor levels. The Company corroborates the assumptions in its fair value model, including the portion of exposure to AGM hedged by its counterparties, with independent third parties each reporting period. The current level of AGM's own credit spread has resulted in the bank or deal originator hedging a significant portion of its exposure to AGM. This reduces the amount of contractual cash flows AGM can capture as premium for selling its protection.

The amount of premium a financial guaranty insurance market participant can demand is inversely related to the cost of credit protection on the insurance company as measured by market credit spreads assuming all other assumptions remain constant. This is because the buyers of credit protection typically hedge a portion of their risk to the financial guarantor, due to the fact that the contractual terms of the Company's contracts typically do not require the posting of collateral by the guarantor. The extent of the hedge depends on the types of instruments insured and the current market conditions.

A fair value resulting in a credit derivative asset on protection sold is the result of contractual cash inflows on in-force deals in excess of what a hypothetical financial guarantor could receive if it sold protection on the same risk as of the reporting date. If the Company were able to freely exchange these contracts (i.e., assuming its contracts did not contain proscriptions on transfer and there was a viable exchange market), it would be able to realize a gain representing the difference between the higher contractual premiums to which it is entitled and the current market premiums for a similar contract. The Company determines the fair value of its CDS contracts by applying the difference between the current net spread and the contractual net spread for the remaining duration of each contract to the notional value of its CDS contracts and taking the present value of such amounts discounted at the corresponding LIBOR over the weighted average remaining life of the contract.

#### *Example*

The following is an example of how changes in gross spreads, the Company's own credit spread and the cost to buy protection on the Company affect the amount of premium the Company can demand for its credit protection. The assumptions used in these examples are hypothetical amounts. Scenario 1 represents the market conditions in effect on the transaction date and Scenario 2 represents market conditions at a subsequent reporting date.

	Scenario 1		Scenario 2	
	bps	% of Total	bps	% of Total
Original gross spread/cash bond price (in bps)	185		500	
Bank profit (in bps)	115	62%	50	10%
Hedge cost (in bps)	30	16%	440	88%
The premium the Company receives per annum (in bps)	40	22%	10	2%

In Scenario 1, the gross spread is 185 basis points. The bank or deal originator captures 115 basis points of the original gross spread and hedges 10% of its exposure to AGM, when the CDS spread on AGM was 300 basis points ( $300 \text{ basis points} \times 10\% = 30 \text{ basis points}$ ). Under this scenario the Company receives premium of 40 basis points, or 22% of the gross spread.

In Scenario 2, the gross spread is 500 basis points. The bank or deal originator captures 50 basis points of the original gross spread and hedges 25% of its exposure to AGM, when the CDS spread on AGM was 1,760 basis points ( $1,760 \text{ basis points} \times 25\% = 440 \text{ basis points}$ ). Under this scenario the Company would receive premium of 10 basis points, or 2% of the gross spread. Due to the increased cost to hedge AGM's name, the amount of profit the bank would expect to receive, and the premium the Company would expect to receive decline significantly.

In this example, the contractual cash flows (the Company premium received per annum above) exceed the amount a market participant would require the Company to pay in today's market to accept its obligations under the CDS contract, thus resulting in an asset.

### *Strengths and Weaknesses of Model*

The Company's credit derivative valuation model, like any financial model, has certain strengths and weaknesses.

The primary strengths of the Company's CDS modeling techniques are:

- The model takes into account the transaction structure and the key drivers of market value. The transaction structure includes par insured, weighted average life, level of subordination and composition of collateral.
- The model maximizes the use of market-driven inputs whenever they are available. The key inputs to the model are market-based spreads for the collateral, and the credit rating of referenced entities. These are viewed by the Company to be the key parameters that affect fair value of the transaction.
- The model is a consistent approach to valuing positions. The Company has developed a hierarchy for market-based spread inputs that helps mitigate the degree of subjectivity during periods of high illiquidity.

The primary weaknesses of the Company's CDS modeling techniques are:

- There is no exit market or actual exit transactions. Therefore the Company's exit market is a hypothetical one based on the Company's entry market.
- There is a very limited market in which to validate the reasonableness of the fair values developed by the Company's model.
- The markets for the inputs to the model were highly illiquid, which impacts their reliability.
- Due to the non-standard terms under which the Company enters into derivative contracts, the fair value of its credit derivatives may not reflect the same prices observed in an actively traded market of credit derivatives that do not contain terms and conditions similar to those observed in the financial guaranty market.

These contracts were classified as Level 3 in the fair value hierarchy because there is a reliance on at least one unobservable input deemed significant to the valuation model, most significantly the Company's estimate of the value of non-standard terms and conditions of its credit derivative contracts and amount of protection purchased on AGM's name.

### ***Fair Value Option on FG VIEs' Assets and Liabilities***

The Company elected the fair value option for all the FG VIEs' assets and liabilities. See Note 8, Consolidated Variable Interest Entities.

The FG VIEs issued securities collateralized by first lien and second lien RMBS. The lowest level input that is significant to the fair value measurement of these assets and liabilities was a Level 3 input (i.e., unobservable), therefore management classified them as Level 3 in the fair value hierarchy. Prices are generally determined with the assistance of an independent third-party, based on a discounted cash flow approach. The models to price the FG VIEs' liabilities used, where appropriate, inputs such as estimated prepayment speeds; market values of the assets that collateralize the securities; estimated default rates (determined on the basis of an analysis of collateral attributes, historical collateral performance, borrower profiles and other features relevant to the evaluation of collateral credit quality); yields implied by market prices for similar securities; house price depreciation/appreciation rates based on macroeconomic forecasts and, for those liabilities insured by the Company, the benefit from the Company's insurance policy guaranteeing the timely payment of principal and interest, taking into account the timing of the potential default and the Company's own credit rating. The third-party also utilizes an internal model to determine an appropriate yield at which to discount the cash flows of the security, by factoring in collateral types, weighted-average lives, and other structural attributes specific to the security being priced. The expected yield is further calibrated by utilizing algorithms designed to aggregate market color, received by the third-party, on comparable bonds.

The fair value of the Company's FG VIE assets is generally sensitive to changes related to estimated prepayment speeds; estimated default rates (determined on the basis of an analysis of collateral attributes such as: historical collateral performance, borrower profiles and other features relevant to the evaluation of collateral credit quality); yields implied by

market prices for similar securities; and house price depreciation/appreciation rates based on macroeconomic forecasts. Significant changes to some of these inputs could materially change the market value of the FG VIE's assets and the implied collateral losses within the transaction. In general, the fair value of the FG VIE asset is most sensitive to changes in the projected collateral losses, where an increase in collateral losses typically leads to a decrease in the fair value of FG VIE assets, while a decrease in collateral losses typically leads to an increase in the fair value of FG VIE assets. These factors also directly impact the fair value of the Company's FG VIE liabilities.

The fair value of the Company's FG VIE liabilities is generally sensitive to the various model inputs described above. In addition, the Company's FG VIE liabilities with recourse are also sensitive to changes in the Company's implied credit worthiness. Significant changes to any of these inputs could materially change the timing of expected losses within the insured transaction which is a significant factor in determining the implied benefit from the Company's insurance policy guaranteeing the timely payment of principal and interest for the tranches of debt issued by the FG VIE that is insured by the Company. In general, extending the timing of expected loss payments by the Company into the future typically leads to a decrease in the value of the Company's insurance and a decrease in the fair value of the Company's FG VIE liabilities with recourse, while a shortening of the timing of expected loss payments by the Company typically leads to an increase in the value of the Company's insurance and an increase in the fair value of the Company's FG VIE liabilities with recourse.

## **Not Carried at Fair Value**

### ***Financial Guaranty Insurance Contracts***

On a quarterly basis, the Company also discloses the fair value of its outstanding financial guaranty insurance contracts. The fair value of the Company's financial guaranty contracts accounted for as insurance is based on management's estimate of what a similarly rated financial guaranty insurance company would demand to acquire the Company's in-force book of financial guaranty insurance business. It is based on a variety of factors that may include pricing assumptions management has observed for portfolio transfers, commutations, and acquisitions that have occurred in the financial guaranty market, as well as prices observed in the credit derivative market with an adjustment for illiquidity so that the terms would be similar to a financial guaranty insurance contract, and includes adjustments to the carrying value of unearned premium reserve for stressed losses, ceding commissions and return on capital. The significant inputs were not readily observable. The Company accordingly classified this fair value measurement as Level 3.

### ***Notes Payable***

The fair value of the notes payable was determined by calculating the present value of the expected cash flows. The fair value measurement was classified as Level 3 in the fair value hierarchy.

### ***Other Invested Assets***

The other invested assets not carried at fair value consist primarily of a surplus note issued by AGC to AGM. The fair value of the surplus note was determined by calculating the effect of changes in U.S. Treasury yield adjusted for a credit factor at the end of each reporting period. The fair value measurement of the surplus note was classified as Level 3.

### ***Other Assets and Other Liabilities***

The Company's other assets and other liabilities consist predominantly of accrued interest, receivables for securities sold and payables for securities purchased, the carrying values of which approximate fair value.

## Financial Instruments Carried at Fair Value

Amounts recorded at fair value in the Company's financial statements are presented in the tables below.

### Fair Value Hierarchy of Financial Instruments Carried at Fair Value As of December 31, 2016

	Fair Value	Fair Value Hierarchy		
		Level 1	Level 2	Level 3
		(in millions)		
Assets:				
Investment portfolio, available-for-sale:				
Fixed-maturity securities				
Obligations of state and political subdivisions	\$ 3,615	\$ —	\$ 3,579	\$ 36
U.S. government and agencies	39	—	39	—
Corporate securities	565	—	505	60
Mortgage-backed securities:				
RMBS	434	—	107	327
Commercial mortgage-backed securities (CMBS)	259	—	259	—
Asset-backed securities	325	—	31	294
Foreign government securities	151	—	151	—
Total fixed-maturity securities	5,388	—	4,671	717
Short-term investments	143	140	3	—
Other invested assets (1)	5	—	—	5
Credit derivative assets	7	—	—	7
FG VIEs' assets, at fair value	644	—	—	644
Other assets	30	—	—	30
Total assets carried at fair value	\$ 6,217	\$ 140	\$ 4,674	\$ 1,403
Liabilities:				
Credit derivative liabilities	\$ 97	\$ —	\$ —	\$ 97
FG VIEs' liabilities with recourse, at fair value	602	—	—	602
FG VIEs' liabilities without recourse, at fair value	110	—	—	110
Total liabilities carried at fair value	\$ 809	\$ —	\$ —	\$ 809



**Fair Value Hierarchy of Financial Instruments Carried at Fair Value  
As of December 31, 2015**

	Fair Value	Fair Value Hierarchy		
		Level 1	Level 2	Level 3
		(in millions)		
Assets:				
Investment portfolio, available-for-sale:				
Fixed-maturity securities				
Obligations of state and political subdivisions	\$ 4,041	\$ —	\$ 4,033	\$ 8
U.S. government and agencies	51	—	51	—
Corporate securities	668	—	597	71
Mortgage-backed securities:				
RMBS	532	—	208	324
CMBS	223	—	223	—
Asset-backed securities	394	—	64	330
Foreign government securities	181	—	181	—
Total fixed-maturity securities	6,090	—	5,357	733
Short-term investments	257	176	21	60
Other invested assets (1)	10	—	5	5
Credit derivative assets	63	—	—	63
FG VIEs' assets, at fair value	735	—	—	735
Other assets	29	—	—	29
Total assets carried at fair value	\$ 7,184	\$ 176	\$ 5,383	\$ 1,625
Liabilities:				
Credit derivative liabilities	\$ 154	\$ —	\$ —	\$ 154
FG VIEs' liabilities with recourse, at fair value	713	—	—	713
FG VIEs' liabilities without recourse, at fair value	121	—	—	121
Total liabilities carried at fair value	\$ 988	\$ —	\$ —	\$ 988

- (1) Excluded from the table above are investments funds of \$48 million and \$45 million as of December 31, 2016 and December 31, 2015, respectively, measured using NAV per share. Includes Level 3 mortgage loans that are recorded at fair value on a non-recurring basis.

## Changes in Level 3 Fair Value Measurements

The table below presents a roll forward of the Company's Level 3 financial instruments carried at fair value on a recurring basis during the years ended December 31, 2016 and 2015.

### Fair Value Level 3 Rollforward Recurring Basis Year Ended December 31, 2016

	Fixed-Maturity Securities										
	Obligations of State and Political Subdivisions	Corporate Securities	RMBS	Asset- Backed Securities	Short-Term Investments	FG VIEs' Assets at Fair Value	Other Assets (8)	Credit Derivative Asset (Liability), net(5)	FG VIEs' Liabilities with Recourse, at Fair Value	FG VIEs' Liabilities without Recourse, at Fair Value	
	(in millions)										
Fair value as of December 31, 2015	\$ 8	\$ 71	\$ 324	\$ 330	\$ 60	\$ 735	\$ 30	\$ (91)	\$ (713)	\$ (121)	
Total pretax realized and unrealized gains/ (losses) recorded in:(1)											
Net income (loss)	2 (2)	(16) (2)	7 (2)	13 (2)	0 (2)	47 (3)	1 (4)	(17) (6)	(15) (3)	(18) (3)	
Other comprehensive income (loss)	(4)	5	(10)	27	0	—	0	—	—	—	
Purchases	31	—	66	—	—	—	—	—	—	—	
Settlements	(1)	—	(60)	(76)	(60)	(118)	—	18	126	9	
FG VIE deconsolidations	—	—	—	—	—	(20)	—	—	—	20	
Fair value as of December 31, 2016	<u>\$ 36</u>	<u>\$ 60</u>	<u>\$ 327</u>	<u>\$ 294</u>	<u>\$ —</u>	<u>\$ 644</u>	<u>\$ 31</u>	<u>\$ (90)</u>	<u>\$ (602)</u>	<u>\$ (110)</u>	
Change in unrealized gains/ (losses) related to financial instruments held as of December 31, 2016	<u>\$ (4)</u>	<u>\$ 5</u>	<u>\$ (12)</u>	<u>\$ 27</u>	<u>\$ —</u>	<u>\$ 82</u>	<u>\$ 1</u>	<u>\$ 43</u>	<u>\$ (14)</u>	<u>\$ (18)</u>	

**Fair Value Level 3 Rollforward  
Recurring Basis  
Year Ended December 31, 2015**

	Fixed-Maturity Securities										
	Obligations of State and Political Subdivisions	Corporate Securities	RMBS	Asset- Backed Securities	Short-Term Investments	FG VIEs' Assets at Fair Value	Other Assets (8)	Credit Derivative Asset (Liability), net(5)	FG VIEs' Liabilities with Recourse, at Fair Value	FG VIEs' Liabilities without Recourse, at Fair Value	
	(in millions)										
Fair value as of December 31, 2014	\$ 8	\$ 79	\$ 399	\$ 95	\$ —	\$ 823	\$ 19	\$ (208)	\$ (830)	\$ (114)	
Total pretax realized and unrealized gains/ (losses) recorded in:(1)											
Net income (loss)	1 (2)	3 (2)	16 (2)	6 (2)	24 (2)	61 (3)	11 (4)	134 (6)	93 (3)	(18) (3)	
Other comprehensive income (loss)	0	(11)	(8)	(17)	0	—	—	—	—	—	
Purchases	—	—	46	278	52 (7)	—	—	—	—	—	
Settlements	(1)	—	(129)	(32)	(16)	(253)	0	(17)	155	11	
FG VIE consolidations	—	—	—	—	—	104	—	—	(131)	—	
Fair value as of December 31, 2015	<u>\$ 8</u>	<u>\$ 71</u>	<u>\$ 324</u>	<u>\$ 330</u>	<u>\$ 60</u>	<u>\$ 735</u>	<u>\$ 30</u>	<u>\$ (91)</u>	<u>\$ (713)</u>	<u>\$ (121)</u>	
Change in unrealized gains/ (losses) related to financial instruments held as of December 31, 2015	\$ 0	\$ (11)	\$ (6)	\$ (17)	\$ 0	\$ 107	\$ 12	\$ 18	\$ (15)	\$ (8)	

- (1) Realized and unrealized gains (losses) from changes in values of Level 3 financial instruments represent gains (losses) from changes in values of those financial instruments only for the periods in which the instruments were classified as Level 3.
- (2) Included in net realized investment gains (losses) and net investment income.
- (3) Included in fair value gains (losses) on FG VIEs.
- (4) Recorded in fair value gains (losses) on CCS, net investment income and other income.
- (5) Represents net position of credit derivatives. The consolidated balance sheet presents gross assets and liabilities based on net counterparty exposure.
- (6) Reported in net change in fair value of credit derivatives and other income.
- (7) Primarily non-cash transaction.
- (8) Includes CCS and other invested assets.

## Level 3 Fair Value Disclosures

### Quantitative Information About Level 3 Fair Value Inputs At December 31, 2016

Financial Instrument Description (1)	Fair Value at December 31, 2016 (in millions)	Significant Unobservable Inputs	Range	Weighted Average as a Percentage of Current Par Outstanding
Assets (2):				
Fixed-maturity securities:				
Obligations of state and political subdivisions	\$ 36	Yield	4.3% - 22.8%	10.7%
Corporate securities	60	Yield	20.1%	
RMBS	327	CPR	2.1% - 8.5%	3.7%
		CDR	3.4% - 10.1%	7.0%
		Loss severity	60.0% - 100.0%	77.3%
		Yield	4.8% - 9.7%	5.8%
Asset-backed securities:				
Triple-X life insurance transactions	294	Yield	5.7%	
FG VIEs' assets, at fair value	644	CPR	3.5% - 12.0%	8.0%
		CDR	2.5% - 21.6%	5.9%
		Loss severity	50.0% - 100.0%	78.1%
		Yield	2.9% - 20.0%	6.8%
Other assets	30	Implied Yield	4.5%	
		Term (years)	10 years	
Liabilities:				
Credit derivative liabilities, net	(90)	Hedge cost (in bps)	7.2 - 118.1	10.0
		Bank profit (in bps)	3.9 - 655.6	26.2
		Internal floor (in bps)	7.0 - 100.0	10.7
		Internal credit rating	AAA - BB	AAA
FG VIEs' liabilities, at fair value	(712)	CPR	3.5% - 12.0%	8.0%
		CDR	2.5% - 21.6%	5.9%
		Loss severity	50.0% - 100.0%	78.1%
		Yield	2.4% - 20.0%	5.1%

(1) Discounted cash flow is used as valuation technique for all financial instruments.

(2) Excludes several investments recorded in other invested assets with fair value of \$5 million.

**Quantitative Information About Level 3 Fair Value Inputs  
At December 31, 2015**

Financial Instrument Description (1)	Fair Value at December 31, 2015 (in millions)	Significant Unobservable Inputs	Range	Weighted Average as a Percentage of Current Par Outstanding
<b>Assets (2):</b>				
Fixed-maturity securities (3):				
Corporate securities	\$ 71	Yield	21.8%	
RMBS	324	CPR	0.3% - 9.0%	2.2%
		CDR	4.2% - 9.3%	7.1%
		Loss severity	60.0% - 100.0%	74.5%
		Yield	4.7% - 8.2%	5.9%
Asset-backed securities:				
Investor owned utility	69	Cash flow receipts	100.0%	
		Collateral recovery period	2.9 years	
		Discount factor	7.0%	
Triple-X life insurance transactions	261	Yield	4.8%	
Short-term investments	60	Yield	17.0%	
FG VIEs' assets, at fair value	735	CPR	2.3% - 8.3%	3.9%
		CDR	2.3% - 16.0%	4.9%
		Loss severity	40.0% - 100.0%	83.7%
		Yield	3.1% - 20.0%	6.7%
Other assets	29	Implied Yield	5.5%	
		Term (years)	5 years	
<b>Liabilities:</b>				
Credit derivative liabilities, net	(91)	Hedge cost (in bps)	32.8 - 274.5	37.8
		Bank profit (in bps)	3.9 - 1,017.5	74.4
		Internal floor (in bps)	7.0 - 100.0	34.9
		Internal credit rating	AAA - CCC	AAA
FG VIEs' liabilities, at fair value	(834)	CPR	2.3% - 8.3%	3.9%
		CDR	2.3% - 16.0%	4.9%
		Loss severity	40.0% - 100.0%	83.7%
		Yield	3.1% - 20.0%	5.7%

(1) Discounted cash flow is used as valuation technique for all financial instruments.

(2) Excludes several investments recorded in other invested assets with fair value of \$4 million.

(3) Excludes obligations of state and political subdivisions investments with fair value of \$8 million.

The carrying amount and estimated fair value of the Company's financial instruments are presented in the following table.

### Fair Value of Financial Instruments

	As of December 31, 2016		As of December 31, 2015	
	Carrying Amount	Estimated Fair Value	Carrying Amount	Estimated Fair Value
	(in millions)			
<b>Assets:</b>				
Fixed-maturity securities	\$ 5,388	\$ 5,388	\$ 6,090	\$ 6,090
Short-term investments	143	143	257	257
Other invested assets(1)	357	363	360	428
Credit derivative assets	7	7	63	63
FG VIEs' assets, at fair value	644	644	735	735
Other assets	85	85	91	91
<b>Liabilities:</b>				
Financial guaranty insurance contracts (2)	1,768	3,990	2,016	3,528
Notes payable	10	10	13	12
Credit derivative liabilities	97	97	154	154
FG VIEs' liabilities with recourse, at fair value	602	602	713	713
FG VIEs' liabilities without recourse, at fair value	110	110	121	121
Other liabilities	0	0	2	2

- (1) Includes investments not carried at fair value with a carrying value of \$304 million and \$305 million as of December 31, 2016 and December 31, 2015, respectively.
- (2) Carrying amount includes the assets and liabilities related to financial guaranty insurance contract premiums, losses, and salvage and subrogation and other recoverables net of reinsurance.

### 7. Contracts Accounted for as Credit Derivatives

The Company has a portfolio of financial guaranty contracts that meet the definition of a derivative in accordance with GAAP (primarily CDS).

### Accounting Policy

Credit derivatives are recorded at fair value. Changes in fair value are recorded in "net change in fair value of credit derivatives" on the consolidated statement of operations. Realized gains (losses) and other settlements on credit derivatives include credit derivative premiums received and receivable for credit protection the Company has sold under its insured CDS contracts, premiums paid and payable for credit protection the Company has purchased, claims paid and payable and received and receivable related to insured credit events under these contracts, ceding commission expense or income and realized gains or losses related to their early termination. Fair value of credit derivatives is reflected as either net assets or net liabilities determined on a contract by contract basis in the Company's consolidated balance sheets. See Note 6, Fair Value Measurement, for a discussion on the fair value methodology for credit derivatives.

### Credit Derivative Net Par Outstanding by Sector

Credit derivative transactions are governed by ISDA documentation and have different characteristics from financial guaranty insurance contracts. For example, the Company's control rights with respect to a reference obligation under a credit derivative may be more limited than when the Company issues a financial guaranty insurance contract. In addition, there are more circumstances under which the Company may be obligated to make payments. Similar to a financial guaranty insurance contract, the Company would be obligated to pay if the obligor failed to make a scheduled payment of principal or interest in full. However, the Company may also be required to pay if the obligor becomes bankrupt or if the reference obligation were

restructured if, after negotiation, those credit events are specified in the documentation for the credit derivative transactions. Furthermore, the Company may be required to make a payment due to an event that is unrelated to the performance of the obligation referenced in the credit derivative. If events of default or termination events specified in the credit derivative documentation were to occur, the non-defaulting or the non-affected party, which may be either the Company or the counterparty, depending upon the circumstances, may decide to terminate a credit derivative prior to maturity. In that case, the Company may be required to make a termination payment to its swap counterparty upon such termination. Absent such an event of default or termination event, the Company may not unilaterally terminate a CDS contract; however, the Company on occasion has mutually agreed with various counterparties to terminate certain CDS transactions.

The estimated remaining weighted average life of credit derivatives was 1.8 years at December 31, 2016 and 2.3 years at December 31, 2015. The components of the Company's credit derivative net par outstanding are presented below.

### Credit Derivatives

Asset Type	As of December 31, 2016		As of December 31, 2015	
	Net Par Outstanding	Weighted Average Credit Rating	Net Par Outstanding	Weighted Average Credit Rating
(dollars in millions)				
Pooled corporate obligations:				
Collateralized loan obligations (CLO)/ collateralized bond obligations	\$ 1,404	AAA	\$ 3,980	AAA
Synthetic investment grade pooled corporate	4,845	AAA	4,859	AAA
TruPS collateralized debt obligations (CDO)	—	—	2	AAA
Market value CDOs of corporate obligations	—	—	946	AAA
Total pooled corporate obligations	6,249	AAA	9,787	AAA
U.S. RMBS	80	AA	98	AA-
Other	1,434	A-	1,756	A-
Total	<u>\$ 7,763</u>	AAA	<u>\$ 11,641</u>	AAA

The Company's exposure to pooled corporate obligations is highly diversified in terms of obligors and industries. Most pooled corporate transactions are structured to limit exposure to any given obligor and industry. The majority of the Company's pooled corporate exposure consists of CLO or synthetic pooled corporate obligations. Most of these CLOs have an average obligor size of less than 1% of the total transaction and typically restrict the maximum exposure to any one industry to approximately 10%. The Company's exposure also benefits from embedded credit enhancement in the transactions which allows a transaction to sustain a certain level of losses in the underlying collateral, further insulating the Company from industry specific concentrations of credit risk on these deals.

The \$1.4 billion of exposure in "Other" CDS contracts as of December 31, 2016 comprises numerous deals typically structured with significant underlying credit enhancement and spread across various asset classes, such as commercial receivables, international RMBS, infrastructure, regulated utilities and healthcare.

### Distribution of Credit Derivative Net Par Outstanding by Internal Rating

Ratings	As of December 31, 2016		As of December 31, 2015	
	Net Par Outstanding	% of Total	Net Par Outstanding	% of Total
	(dollars in millions)			
AAA	\$ 5,845	75.3%	\$ 9,089	78.1%
AA	723	9.3	985	8.5
A	618	8.0	853	7.3
BBB	524	6.7	607	5.2
BIG	53	0.7	107	0.9
Credit derivative net par outstanding	<u>\$ 7,763</u>	<u>100.0%</u>	<u>\$ 11,641</u>	<u>100.0%</u>

### *Fair Value of Credit Derivatives*

#### Net Change in Fair Value of Credit Derivatives Gain (Loss)

	Year Ended December 31,	
	2016	2015
	(in millions)	
Realized gains on credit derivatives	\$ 18	\$ 32
Net credit derivative losses (paid and payable) recovered and recoverable and other settlements	(36)	(15)
Realized gains (losses) and other settlements	(18)	17
Net unrealized gains (losses):		
Pooled corporate obligations	11	(17)
U.S. RMBS	(1)	1
Other	41	133
Net unrealized gains (losses)	51	117
Net change in fair value of credit derivatives	<u>\$ 33</u>	<u>\$ 134</u>

#### Terminations and Settlements of Direct Credit Derivative Contracts

	Year Ended December 31,	
	2016	2015
	(in millions)	
Net par of terminated credit derivative contracts	\$ 1,086	\$ 485
Realized gains on credit derivatives	2	11
Net unrealized gains (losses) on credit derivatives	8	98

During 2016, unrealized fair value gains were generated primarily as a result of CDS terminations in the pooled corporate and other sectors, run-off of CDS par and price improvements on the underlying collateral of the Company's CDS. The majority of the CDS transactions were terminated as a result of settlement agreements with several CDS counterparties. The unrealized fair value gains were partially offset by unrealized losses resulting from wider implied net spreads across all sectors. The wider implied net spreads were primarily a result of the decreased cost to buy protection in AGM's name, as the market cost of AGM's credit protection decreased significantly during the period. These transactions were pricing at or above their floor levels (or the minimum rate at which the Company would consider assuming these risks based on historical



experience); therefore when the cost of purchasing CDS protection on AGM, which management refers to as the CDS spread on AGM, decreased the implied spreads that the Company would expect to receive on these transactions increased.

During 2015, unrealized fair value gains were generated primarily as a result of a CDS termination. The Company terminated a Triple-X life insurance securitization transaction during the period and recognized unrealized fair value gains of \$99 million. This was the primary driver of the unrealized fair value gains in the Other sector during the period. The remainder of the fair value gains for the period were a result of tighter implied net spreads across the Other and U.S. RMBS sectors. The tighter implied net spreads were primarily a result of the increased cost to buy protection in AGM's name, particularly for the one year CDS spread. These transactions were pricing at or above their floor levels, therefore when the cost of purchasing CDS protection on AGM increased, the implied spreads that the Company would expect to receive on these transactions decreased. The unrealized fair value gains were partially offset by unrealized fair value losses in the pooled corporate sector where the Company's transactions are quickly approaching maturity. The majority of transactions in this sector are marked in an asset position as they are AAA rated and performing well. As these transactions approach maturity the positive marks on these transactions will naturally revert to zero, leading to unrealized fair value losses.

The impact of changes in credit spreads will vary based upon the volume, tenor, interest rates, and other market conditions at the time these fair values are determined. In addition, since each transaction has unique collateral and structural terms, the underlying change in fair value of each transaction may vary considerably. The fair value of credit derivative contracts also reflects the change in the Company's own credit cost based on the price to purchase credit protection on AGM. The Company determines its own credit risk based on quoted CDS prices traded on the Company at each balance sheet date.

**CDS Spread on AGM**  
**Quoted price of CDS contract (in basis points)**

	As of December 31,		
	2016	2015	2014
Five-year CDS spread	158	366	325
One-year CDS spread	29	131	85

**Fair Value of Credit Derivatives Assets (Liabilities)**  
**and Effect of AGM Credit Spreads**

	As of December 31, 2016	As of December 31, 2015
	(in millions)	(in millions)
Fair value of credit derivatives before effect of AGM credit spread	\$ (97)	\$ (145)
Plus: Effect of AGM credit spread	7	54
Net fair value of credit derivatives	<u>\$ (90)</u>	<u>\$ (91)</u>

The fair value of CDS contracts at December 31, 2016, before considering the implications of AGM's credit spreads, is a direct result of continued wide credit spreads in the fixed income security markets and ratings downgrades. The asset classes that remain most affected are pooled corporate obligations. The mark to market benefit between December 31, 2016 and December 31, 2015, resulted primarily from several CDS terminations, run-off of CDS par and a narrowing of credit spreads related to the Company's non-U.S. public finance obligations in the Other sector.

Management believes that the trading level of AGM's credit spreads over the past several years has been due to the correlation between AGM's risk profile and the current risk profile of the broader financial markets, as well as the overall lack of liquidity in the CDS market. Offsetting the benefit attributable to AGM's credit spread were higher credit spreads in the fixed income security markets. The higher credit spreads in the fixed income security market are due to the lack of liquidity in the high yield CDO, and CLO markets as well as continuing market concerns over the 2005-2007 vintages of RMBS.

The following table presents the fair value and the present value of expected claim payments or recoveries (i.e. net expected loss to be paid as described in Note 4) for contracts accounted for as derivatives.

**Net Fair Value and Expected Losses  
of Credit Derivatives**

	As of December 31, 2016	As of December 31, 2015
	(in millions)	
Fair value of credit derivative asset (liability), net	\$ (90)	\$ (91)
Expected loss to be (paid) recovered	3	(7)

***Sensitivity to Changes in Credit Spread***

The following table summarizes the estimated change in fair values on the net balance of the Company's credit derivative positions assuming immediate parallel shifts in credit spreads on AGM and on the risks that it assumes.

**Effect of Changes in Credit Spread  
As of December 31, 2016**

Credit Spreads(1)	Estimated Net Fair Value (Pre-Tax)	Estimated Change in Gain/(Loss) (Pre-Tax)
	(in millions)	
100% widening in spreads	\$ (102)	\$ (12)
50% widening in spreads	(96)	(6)
25% widening in spreads	(93)	(3)
10% widening in spreads	(91)	(1)
Base Scenario	(90)	—
10% narrowing in spreads	(89)	1
25% narrowing in spreads	(88)	2
50% narrowing in spreads	(85)	5

(1) Includes the effects of spreads on both the underlying asset classes and the Company's own credit spread.

**8. Consolidated Variable Interest Entities**

**Background**

The Company provides financial guaranties with respect to debt obligations of special purpose entities, including VIEs. AGM does not act as the servicer or collateral manager for any VIE obligations that it insures. The transaction structure generally provides certain financial protections to the Company. This financial protection can take several forms, the most common of which are overcollateralization, first loss protection (or subordination) and excess spread. In the case of overcollateralization (i.e., the principal amount of the securitized assets exceeds the principal amount of the structured finance obligations guaranteed by the Company), the structure allows defaults of the securitized assets before a default is experienced on the structured finance obligation guaranteed by the Company. In the case of first loss, the financial guaranty insurance policy only covers a senior layer of losses experienced by multiple obligations issued by special purpose entities, including VIEs. The first loss exposure with respect to the assets is either retained by the seller or sold off in the form of equity or mezzanine debt to other investors. In the case of excess spread, the financial assets contributed to special purpose entities, including VIEs, generate interest income that are in excess of the interest payments on the debt issued by the special purpose entity. Such excess spread is typically distributed through the transaction's cash flow waterfall and may be used to create additional credit enhancement, applied to redeem debt issued by the special purpose entities, including VIEs (thereby, creating additional overcollateralization), or distributed to equity or other investors in the transaction.

AGM is not primarily liable for the debt obligations issued by the VIEs it insures and would only be required to make payments on those insured debt obligations in the event that the issuer of such debt obligations defaults on any principal or interest due and only for the amount of the shortfall. AGM's creditors do not have any rights with regard to the collateral supporting the debt issued by the FG VIEs. Proceeds from sales, maturities, prepayments and interest from such underlying collateral may only be used to pay debt service on VIE liabilities. Net fair value gains and losses on FG VIEs are expected to reverse to zero at maturity of the VIE debt, except for net premiums received and net claims paid by AGM under the financial guaranty insurance contract. The Company's estimate of expected loss to be paid for FG VIEs is included in Note 4, Expected Loss to be Paid.

## **Accounting Policy**

The Company evaluates whether it is the primary beneficiary of its VIEs. If the Company concludes that it is the primary beneficiary, it is required to consolidate the entire VIE in the Company's financial statements and eliminate the effects of the financial guaranty insurance contracts issued by AGM on the consolidated FG VIEs debt obligations.

The primary beneficiary of a VIE is the enterprise that has both 1) the power to direct the activities of a VIE that most significantly impact the entity's economic performance; and 2) the obligation to absorb losses of the entity that could potentially be significant to the VIE or the right to receive benefits from the entity that could potentially be significant to the VIE.

As part of the terms of its financial guaranty contracts, the Company obtains certain protective rights with respect to the VIE that are triggered by the occurrence of certain events, such as failure to be in compliance with a covenant due to poor deal performance or a deterioration in a servicer or collateral manager's financial condition. At deal inception, the Company typically is not deemed to control a VIE; however, once a trigger event occurs, the Company's control of the VIE typically increases. The Company continuously evaluates its power to direct the activities that most significantly impact the economic performance of VIEs that have debt obligations insured by the Company and, accordingly, where the Company is obligated to absorb VIE losses or receive benefits that could potentially be significant to the VIE. The Company obtains protective rights under its insurance contracts that give the Company additional controls over a VIE if there is either deterioration of deal performance or in the financial health of the deal servicer. The Company is deemed to be the control party for certain VIEs under GAAP, typically when its protective rights give it the power to both terminate and replace the deal servicer, which are characteristics specific to the Company's financial guaranty contracts. If the protective rights that could make the Company the control party have not been triggered, then the VIE is not consolidated. If the Company is deemed no longer to have those protective rights, the transaction is deconsolidated.

The FG VIEs' liabilities that are insured by the Company are considered to be with recourse, because the Company guarantees the payment of principal and interest regardless of the performance of the related FG VIEs' assets. FG VIEs' liabilities that are not insured by the Company are considered to be without recourse, because the payment of principal and interest of these liabilities is wholly dependent on the performance of the FG VIEs' assets.

The Company has limited contractual rights to obtain the financial records of its consolidated FG VIEs. The FG VIEs do not prepare separate GAAP financial statements; therefore, the Company compiles GAAP financial information for them based on trustee reports prepared by and received from third parties. Such trustee reports are not available to the Company until approximately 30 days after the end of any given period. The time required to perform adequate reconciliations and analyses of the information in these trustee reports results in a one quarter lag in reporting the FG VIEs' activities. The Company records the fair value of FG VIE assets and liabilities based on modeled prices. The Company updates the model assumptions each reporting period for the most recent available information, which incorporates the impact of material events that may have occurred since the quarter lag date. The net change in the fair value of consolidated FG VIE assets and liabilities is recorded in "fair value gains (losses) on FG VIEs" in the consolidated statements of operations. Interest income and interest expense are derived from the trustee reports and also included in "fair value gains (losses) on FG VIEs." The Company has elected the fair value option for assets and liabilities classified as FG VIEs' assets and liabilities because the carrying amount transition method was not practical.

The cash flows generated by the FG VIE assets, including R&W recoveries, are classified as cash flows from investing activities. Paydowns of FG liabilities are supported by the cash flows generated by FG VIE assets, and for liabilities with recourse, possibly claim payments made by AGM under its financial guaranty insurance contracts. Paydowns of FG liabilities both with and without recourse are classified as cash flows used in financing activities by the Company. Interest income, interest expense and other expenses of the FG VIE assets and liabilities are classified as operating cash flows. Claim payments made by AGM under the financial guaranty contracts issued to the FG VIEs are eliminated upon consolidation and

therefore such claim payments are treated as paydowns of FG VIE liabilities as a financing activity as opposed to an operating activity of AGM.

## Consolidated FG VIEs

### Number of FG VIEs Consolidated

	Year Ended December 31,	
	2016	2015
Beginning of the period, December 31	24	25
Consolidated(1)	—	1
Deconsolidated(1)	(1)	—
Matured	—	(2)
End of the period, December 31	23	24

(1) There was no gain or loss on deconsolidation in 2016. Net loss on consolidation was \$26 million in 2015 and recorded in “fair value gains (losses) on FG VIEs” in the consolidated statement of operations.

The total unpaid principal balance for the FG VIEs' assets that were over 90 days or more past due was approximately \$103 million at December 31, 2016 and \$136 million at December 31, 2015. The aggregate unpaid principal of the FG VIEs' assets was approximately \$360 million greater than the aggregate fair value at December 31, 2016. The aggregate unpaid principal of the FG VIEs' assets was approximately \$610 million greater than the aggregate fair value at December 31, 2015. The change in the instrument-specific credit risk of the FG VIEs' assets held as of December 31, 2016 that was recorded in the consolidated statements of operations for 2016 were gains of \$45 million. The change in the instrument-specific credit risk of the FG VIEs' assets held as of December 31, 2015 that was recorded in the consolidated statements of operations for 2015 were gains of \$23 million. To calculate the instrument specific credit risk, the changes in the fair value of the FG VIE assets are allocated between changes that are due to the instrument specific credit risk and changes due to other factors, including interest rates. The instrument specific credit risk amount is determined by using expected contractual cash flows versus current expected cash flows discounted at original contractual rate. The net present value is calculated by discounting the expected cash flows of the underlying security, at the relevant effective interest rate.

The unpaid principal for FG VIE liabilities with recourse, which represent obligations insured by AGM, was \$651 million and \$802 million as of December 31, 2016 and December 31, 2015, respectively. FG VIE liabilities with recourse will mature at various dates ranging from 2025 to 2038. The aggregate unpaid principal balance of the FG VIE liabilities with and without recourse was approximately \$80 million greater than the aggregate fair value of the FG VIEs' liabilities as of December 31, 2016. The aggregate unpaid principal balance was approximately \$285 million greater than the aggregate fair value of the FG VIEs' liabilities as of December 31, 2015.

The table below shows the carrying value of the consolidated FG VIEs' assets and liabilities in the consolidated financial statements, segregated by the types of assets that collateralize their respective debt obligations for FG VIE liabilities with recourse.

### Consolidated FG VIEs By Type of Collateral

	As of December 31, 2016		As of December 31, 2015	
	Assets	Liabilities	Assets	Liabilities
	(in millions)			
With recourse:				
U.S. RMBS first lien	\$ 390	\$ 428	\$ 449	\$ 494
U.S. RMBS second lien	144	174	159	219
Total with recourse	534	602	608	713
Without recourse	110	110	127	121
Total	\$ 644	\$ 712	\$ 735	\$ 834

The consolidation of FG VIEs affects net income and shareholders' equity due to (i) changes in fair value gains (losses) on FG VIE assets and liabilities, (ii) the elimination of premiums and losses related to the FG VIE liabilities with recourse and (iii) the elimination of investment balances related to the Company's purchase of AGM insured FG VIE debt. Upon consolidation of a FG VIE, the related insurance and, if applicable, the related investment balances, are considered intercompany transactions and therefore eliminated. Such eliminations are included in the table below to present the full effect of consolidating FG VIEs.

**Effect of Consolidating FG VIEs on Net Income,  
Cash Flows From Operating Activities and Shareholders' Equity**

	Year Ended December 31,	
	2016	2015
	(in millions)	
Net earned premiums	\$ (16)	\$ (19)
Net investment income	(5)	(18)
Net realized investment gains (losses)	1	2
Fair value gains (losses) on FG VIEs	25	32
Loss and LAE	8	27
Effect on income before tax	13	24
Less: tax provision (benefit)	5	8
<b>Effect on net income (loss)</b>	<b>\$ 8</b>	<b>\$ 16</b>
<b>Effect on cash flows from operating activities</b>	<b>\$ 28</b>	<b>\$ 44</b>

  

	As of December 31, 2016	As of December 31, 2015
	(in millions)	
Effect on shareholders' equity (decrease) increase	\$ (1)	\$ (9)

Fair value gains (losses) on FG VIEs represent the net change in fair value on the consolidated FG VIEs' assets and liabilities. In 2016, the Company recorded a pre-tax net fair value gain on consolidated FG VIEs of \$25 million. The primary driver of the 2016 gain in fair value of FG VIE assets and liabilities was net mark-to-market gains due to price appreciation resulting from improvements in the underlying collateral of HELOC RMBS assets of the FG VIEs.

In 2015, the Company recorded a pre-tax net fair value gain on consolidated FG VIEs of \$32 million which was primarily driven by price appreciation on the Company's FG VIE assets during the year that resulted from improvements in the underlying collateral, as well as large principal paydowns made on the Company's FG VIEs.

**Non-Consolidated VIEs**

As of December 31, 2016 and December 31, 2015 the Company had financial guaranty contracts outstanding for approximately 300 and 360 VIEs, respectively, that it did not consolidate. To date, the Company's analyses have indicated that it is not the primary beneficiary of any other VIEs and, as a result, they are not consolidated. The Company's exposure provided through its financial guaranties with respect to debt obligations of special purpose entities is included within net par outstanding in Note 3, Outstanding Exposure.

**9. Investments and Cash**

**Accounting Policy**

The vast majority of the Company's investment portfolio is composed of fixed-maturity and short-term investments, classified as available-for-sale at the time of purchase (approximately 98.9% based on fair value as of December 31, 2016), and therefore carried at fair value. Changes in fair value for other-than-temporarily-impaired (OTTI) securities are bifurcated between credit losses and non-credit changes in fair value. The credit loss on OTTI securities is recorded in the statement of operations and the non-credit component of the change in fair value of securities, whether OTTI or not, is recorded in other

comprehensive income (OCI). For securities in an unrealized loss position where the Company has the intent to sell or it is more-likely-than-not that it will be required to sell the security before recovery, the entire impairment loss (i.e., the difference between the security's fair value and its amortized cost) is recorded in the consolidated statements of operations.

Credit losses reduce the amortized cost of impaired securities. The amortized cost basis is adjusted for accretion and amortization (using the effective interest method) with a corresponding entry recorded in net investment income.

Realized gains and losses on sales of investments are determined using the specific identification method. Realized loss includes amounts recorded for other-than-temporary impairments on debt securities and the declines in fair value of securities for which the Company has the intent to sell the security or inability to hold until recovery of amortized cost.

For mortgage-backed securities, and any other holdings for which there is prepayment risk, prepayment assumptions are evaluated and revised as necessary. Any necessary adjustments due to changes in effective yields and maturities are recognized in net investment income using the retrospective method.

Loss mitigation securities are generally purchased at a discount and are accounted for based on their underlying investment type, excluding the effects of the Company's insurance. Interest income on loss mitigation securities is recognized on a level yield basis over the remaining life of the security.

Short-term investments, which are those investments with a maturity of less than one year at time of purchase, are carried at fair value and include amounts deposited in money market funds.

Other invested assets primarily include:

- a surplus note issued by AGC to AGM (see Note 13, Related Party Transactions). The surplus note is being held to maturity,
- preferred stocks, which are carried at fair value with changes in unrealized gains and losses recorded in OCI.

Cash consists of cash on hand and demand deposits. As a result of the lag in reporting FG VIEs, cash and short-term investments do not reflect cash outflow to the holders of the debt issued by the FG VIEs for claim payments made by the Company to the consolidated FG VIEs until the subsequent reporting period.

### **Assessment for Other-Than-Temporary Impairments**

If an entity does not intend to sell the security and it is not more-likely-than-not that the Company will be required to sell the security before recovery of its amortized cost basis, the other-than-temporary-impairment is separated into (1) the amount representing the credit loss and (2) the amount related to all other factors.

The Company has a formal review process to determine other-than-temporary-impairment for securities in its investment portfolio where there is no intent to sell and it is not more-likely-than-not that it will be required to sell the security before recovery. Factors considered when assessing impairment include:

- a decline in the market value of a security by 20% or more below amortized cost for a continuous period of at least six months;
- a decline in the market value of a security for a continuous period of 12 months;
- recent credit downgrades of the applicable security or the issuer by rating agencies;
- the financial condition of the applicable issuer;
- whether loss of investment principal is anticipated;
- the impact of foreign exchange rates; and
- whether scheduled interest payments are past due.

The Company assesses the ability to recover the amortized cost by comparing the net present value of projected future cash flows with the amortized cost of the security. If the security is in an unrealized loss position and its net present value is less than the amortized cost of the investment, an other-than-temporary impairment is recorded. The net present value is calculated by discounting the Company's estimate of projected future cash flows at the effective interest rate implicit in the debt security at the time of purchase. The Company's estimates of projected future cash flows are driven by assumptions regarding probability of default and estimates regarding timing and amount of recoveries associated with a default. The Company develops these estimates using information based on historical experience, credit analysis and market observable data, such as industry analyst reports and forecasts, sector credit ratings and other relevant data. For mortgage-backed and asset backed securities, cash flow estimates also include prepayment and other assumptions regarding the underlying collateral including default rates, recoveries and changes in value. The assumptions used in these projections requires the use of significant management judgment.

The Company's assessment of a decline in value included management's current assessment of the factors noted above. The Company also seeks advice from its outside investment managers. If that assessment changes in the future, the Company may ultimately record a loss after having originally concluded that the decline in value was temporary.

### Net Investment Income and Realized Gains (Losses)

Net investment income is a function of the yield that the Company earns on invested assets and the size of the portfolio. The investment yield is a function of market interest rates at the time of investment as well as the type, credit quality and maturity of the invested assets. Accrued investment income, which is recorded in Other Assets, was \$55 million and \$62 million as of December 31, 2016 and December 31, 2015, respectively.

#### Net Investment Income

	Year Ended December 31,	
	2016	2015
	(in millions)	
Income from fixed-maturity securities managed by third parties	\$ 169	\$ 190
Income from internally managed securities:		
Fixed maturities	57	46
Other	17	51
Gross investment income	243	287
Investment expenses	(5)	(5)
Net investment income	\$ 238	\$ 282

#### Net Realized Investment Gains (Losses)

	Year Ended December 31,	
	2016	2015
	(in millions)	
Gross realized gains on available-for-sale securities	\$ 9	\$ 16
Gross realized losses on available-for-sale securities	(5)	(3)
Net realized gains (losses) on other invested assets	2	(9)
Other-than-temporary impairment	(44)	(31)
Net realized investment gains (losses)	\$ (38)	\$ (27)

The following table presents the roll-forward of the credit losses of fixed-maturity securities for which the Company has recognized an other-than-temporary-impairment and where the portion of the fair value adjustment related to other factors was recognized in OCI.

**Roll Forward of Credit Losses  
in the Investment Portfolio**

	Year Ended December 31,	
	2016	2015
	(in millions)	
Balance, beginning of period	\$ 97	\$ 104
Additions for credit losses on securities for which an other-than-temporary-impairment was not previously recognized	3	3
Reductions for securities sold during the period	(4)	(17)
Additions for credit losses on securities for which an other-than-temporary-impairment was previously recognized	27	7
Balance, end of period	<u>\$ 123</u>	<u>\$ 97</u>

**Investment Portfolio**

**Fixed-Maturity Securities and Short-Term Investments  
by Security Type  
As of December 31, 2016**

Investment Category	Percent of Total (1)	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value	AOCI (2) Gain (Loss) on Securities with Other-Than-Temporary Impairment	Weighted Average Credit Rating (3)
(dollars in millions)							
Fixed-maturity securities:							
Obligations of state and political subdivisions	64%	\$ 3,507	\$ 129	\$ (21)	\$ 3,615	\$ 1	AA
U.S. government and agencies	1	36	3	0	39	—	AA+
Corporate securities	11	580	9	(24)	565	(8)	BBB
Mortgage-backed securities(4):							
RMBS	8	452	12	(30)	434	(19)	BB
CMBS	4	254	7	(2)	259	—	AAA
Asset-backed securities	6	314	11	—	325	11	AA
Foreign government securities	3	182	—	(31)	151	—	AA
Total fixed-maturity securities	97	5,325	171	(108)	5,388	(15)	A+
Short-term investments	3	143	0	—	143	—	AAA
Total investment portfolio	<u>100%</u>	<u>\$ 5,468</u>	<u>\$ 171</u>	<u>\$ (108)</u>	<u>\$ 5,531</u>	<u>\$ (15)</u>	<u>AA-</u>



**Fixed-Maturity Securities and Short-Term Investments**  
**by Security Type**  
**As of December 31, 2015**

Investment Category	Percent of Total(1)	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value	AOCI Gain (Loss) on Securities with Other-Than- Temporary Impairment	Weighted Average Credit Rating (3)
(dollars in millions)							
Fixed-maturity securities:							
Obligations of state and political subdivisions	62%	\$ 3,820	\$ 222	\$ (1)	\$ 4,041	\$ 1	AA
U.S. government and agencies	1	47	4	0	51	—	AA+
Corporate securities	11	675	11	(18)	668	(13)	BBB+
Mortgage-backed securities(4):							
RMBS	9	538	11	(17)	532	(7)	BBB-
CMBS	3	219	4	0	223	—	AAA
Asset-backed securities	7	410	1	(17)	394	(16)	AA-
Foreign government securities	3	192	0	(11)	181	—	AA+
Total fixed-maturity securities	96	5,901	253	(64)	6,090	(35)	AA-
Short-term investments	4	257	0	—	257	—	A+
Total investment portfolio	100%	\$ 6,158	\$ 253	\$ (64)	\$ 6,347	\$ (35)	AA-

(1) Based on amortized cost.

(2) Accumulated OCI (AOCI). See also Note 17, Other Comprehensive Income.

(3) Ratings in the tables above represent the lower of the Moody's and S&P classifications except for bonds purchased for loss mitigation or risk management strategies, which use internal ratings classifications. The Company's portfolio consists primarily of high-quality, liquid instruments.

(4) Government-agency obligations were approximately 17% of mortgage backed securities as of December 31, 2016 and 29% as of December 31, 2015 based on fair value.

The Company's investment portfolio in tax-exempt and taxable municipal securities includes issuances by a wide number of municipal authorities across the U.S. and its territories.

The following tables present the fair value of the Company's available-for-sale portfolio of obligations of state and political subdivisions as of December 31, 2016 and December 31, 2015 by state.

**Fair Value of Available-for-Sale Portfolio of  
Obligations of State and Political Subdivisions  
As of December 31, 2016 (1)**

State	State General Obligation	Local General Obligation	Revenue Bonds	Fair Value	Amortized Cost	Average Credit Rating
(in millions)						
Fixed-maturity securities:						
New York	\$ 13	\$ 15	\$ 342	\$ 370	\$ 359	AA
Texas	4	95	206	305	297	AA
California	35	45	216	296	278	AA-
Florida	6	8	195	209	202	AA-
Washington	26	33	138	197	196	AA
Massachusetts	47	—	100	147	140	AA
Illinois	4	44	91	139	135	A
Michigan	—	—	95	95	92	A+
Georgia	—	7	87	94	90	A+
Ohio	16	7	60	83	82	AA-
All others	101	113	685	899	883	AA-
Subtotal	<u>\$ 252</u>	<u>\$ 367</u>	<u>\$ 2,215</u>	<u>\$ 2,834</u>	<u>\$ 2,754</u>	AA-

**Fair Value of Available-for-Sale Portfolio of  
Obligations of State and Political Subdivisions  
As of December 31, 2015 (1)**

State	State General Obligation	Local General Obligation	Revenue Bonds	Fair Value	Amortized Cost	Average Credit Rating
(in millions)						
Fixed-maturity securities:						
New York	\$ 13	\$ 21	\$ 356	\$ 390	\$ 370	AA
California	36	50	255	341	311	AA-
Texas	4	119	202	325	307	AA
Florida	6	—	218	224	209	AA-
Washington	27	39	146	212	202	AA
Massachusetts	44	—	110	154	142	AA
Illinois	4	44	100	148	139	A+
Arizona	—	7	123	130	123	AA
Pennsylvania	37	26	37	100	95	A
Georgia	1	7	89	97	91	A+
All others	104	116	821	1,041	987	AA-
Subtotal	276	429	2,457	3,162	2,976	AA-
Short-term investments (2)	—	—	60	60	60	CC
Total	\$ 276	\$ 429	\$ 2,517	\$ 3,222	\$ 3,036	AA-

(1) Excludes \$781 million and \$879 million as of December 31, 2016 and 2015, respectively, of pre-refunded bonds, at fair value. The credit ratings are based on the underlying ratings and do not include any benefit from bond insurance.

(2) Matured in the first quarter of 2016.

The revenue bond portfolio is comprised primarily of essential service revenue bonds issued by transportation authorities and other utilities, water and sewer authorities, universities and healthcare providers.

**Revenue Bonds  
Sources of Funds**

Type	As of December 31, 2016		As of December 31, 2015	
	Fair Value	Amortized Cost	Fair Value	Amortized Cost
(in millions)				
Fixed-maturity securities:				
Transportation	\$ 569	\$ 548	\$ 614	\$ 573
Tax backed	377	367	416	394
Higher education	347	338	362	342
Water and sewer	331	322	388	365
Municipal utilities	284	280	325	309
Healthcare	212	201	259	239
All others	95	94	93	89
Subtotal	2,215	2,150	2,457	2,311
Short-term investments (1)	—	—	60	60
Total	\$ 2,215	\$ 2,150	\$ 2,517	\$ 2,371

(1) Matured in the first quarter of 2016.

The following tables summarize, for all fixed-maturity securities in an unrealized loss position, the aggregate fair value and gross unrealized loss by length of time the amounts have continuously been in an unrealized loss position.

**Fixed-Maturity Securities**  
**Gross Unrealized Loss by Length of Time**  
**As of December 31, 2016**

	Less than 12 months		12 months or more		Total	
	Fair Value	Unrealized Loss	Fair Value	Unrealized Loss	Fair Value	Unrealized Loss
(dollars in millions)						
Obligations of state and political subdivisions	\$ 648	\$ (21)	\$ —	\$ —	\$ 648	\$ (21)
U.S. government and agencies	3	0	—	—	3	0
Corporate securities	81	(4)	118	(20)	199	(24)
Mortgage-backed securities:						
RMBS	189	(18)	86	(12)	275	(30)
CMBS	47	(2)	—	—	47	(2)
Asset-backed securities	—	—	—	—	—	—
Foreign government securities	38	(4)	113	(27)	151	(31)
Total	<u>\$ 1,006</u>	<u>\$ (49)</u>	<u>\$ 317</u>	<u>\$ (59)</u>	<u>\$ 1,323</u>	<u>\$ (108)</u>
Number of securities (1)		<u>249</u>		<u>47</u>		<u>292</u>
Number of securities with other-than-temporary impairment		<u>5</u>		<u>7</u>		<u>12</u>

**Fixed-Maturity Securities**  
**Gross Unrealized Loss by Length of Time**  
**As of December 31, 2015**

	Less than 12 months		12 months or more		Total	
	Fair Value	Unrealized Loss	Fair Value	Unrealized Loss	Fair Value	Unrealized Loss
	(dollars in millions)					
Obligations of state and political subdivisions	\$ 90	\$ (1)	\$ 3	\$ 0	\$ 93	\$ (1)
U.S. government and agencies	3	0	—	—	3	0
Corporate securities	153	(4)	90	(14)	243	(18)
Mortgage-backed securities:						
RMBS	150	(3)	74	(14)	224	(17)
CMBS	49	0	—	—	49	0
Asset-backed securities	269	(17)	—	—	269	(17)
Foreign government securities	92	(4)	82	(7)	174	(11)
Total	<u>\$ 806</u>	<u>\$ (29)</u>	<u>\$ 249</u>	<u>\$ (35)</u>	<u>\$ 1,055</u>	<u>\$ (64)</u>
Number of securities (1)		<u>116</u>		<u>32</u>		<u>139</u>
Number of securities with other-than-temporary impairment		<u>6</u>		<u>4</u>		<u>10</u>

- (1) The number of securities does not add across because lots consisting of the same securities have been purchased at different times and appear in both categories above (i.e., less than 12 months and 12 months or more). If a security appears in both categories, it is counted only once in the total column.

Of the securities in an unrealized loss position for 12 months or more as of December 31, 2016, 38 securities had unrealized losses greater than 10% of book value. The total unrealized loss for these securities as of December 31, 2016 was \$56 million. As of December 31, 2015, of the securities in an unrealized loss position for 12 months or more, nine securities had unrealized losses greater than 10% of book value with an unrealized loss of \$26 million. The Company has determined that the unrealized losses recorded as of December 31, 2016 and December 31, 2015 were yield related and not the result of other-than-temporary-impairment.

The amortized cost and estimated fair value of available-for-sale fixed-maturity securities by contractual maturity as of December 31, 2016 are shown below. Expected maturities will differ from contractual maturities because borrowers may have the right to call or prepay obligations with or without call or prepayment penalties.

**Distribution of Fixed-Maturity Securities**  
**by Contractual Maturity**  
**As of December 31, 2016**

	Amortized Cost	Estimated Fair Value
	(in millions)	
Due within one year	\$ 57	\$ 57
Due after one year through five years	852	829
Due after five years through 10 years	1,191	1,212
Due after 10 years	2,520	2,597
Mortgage-backed securities:		
RMBS	452	434
CMBS	253	259
Total	<u>\$ 5,325</u>	<u>\$ 5,388</u>

The investment portfolio contains securities and cash that are either held in trust for the benefit of third party reinsurers in accordance with statutory requirements, placed on deposit to fulfill state licensing requirements, or otherwise restricted in the amount of \$16 million and \$33 million, based on fair value, as of December 31, 2016 and December 31, 2015, respectively. In addition, the total collateral required to be funded into a reinsurance trust account by AGM for the benefit of AGE as of December 31, 2016 and December 31, 2015 was approximately \$208 million and \$244 million, respectively, based on fair value.

No material investments of the Company were non-income producing for years ended December 31, 2016 and 2015, respectively.

### Externally Managed Portfolio

The majority of the investment portfolio is managed by four outside managers. The Company has established detailed guidelines regarding credit quality, exposure to a particular sector and exposure to a particular obligor within a sector. The Company's investment guidelines generally do not permit its outside managers to purchase securities rated lower than A- by S&P or A3 by Moody's, excluding a 2.5% allocation to corporate securities not rated lower than BBB by S&P or Baa2 by Moody's.

### Internally Managed Portfolio

The investment portfolio tables shown above include both assets managed externally and internally. In the table below, more detailed information is provided for the component of the total investment portfolio that is internally managed (excluding short-term investments and surplus note from affiliate). The internally managed portfolio, as defined below, represents approximately 15% and 14% of the investment portfolio, on a fair value basis as of December 31, 2016 and December 31, 2015, respectively. The internally managed portfolio consists primarily of the Company's investments in securities for (i) loss mitigation purposes, (ii) other risk management purposes and (iii) where the Company believes a particular security presents an attractive investment opportunity.

One of the Company's strategies for mitigating losses has been to purchase securities it has insured that have expected losses, at discounted prices (loss mitigation securities). In addition, the Company holds other invested assets that were obtained or purchased as part of negotiated settlements with insured counterparties or under the terms of our financial guaranties (other risk management assets). During 2016, Assured Guaranty established an alternative investments group to focus on deploying a portion of the Company's excess capital to pursue acquisitions and develop new business opportunities that complement the Company's financial guaranty business, are in line with its risk profile and benefit from its core competencies. The alternative investments group has been investigating a number of such opportunities, including, among others, both controlling and non-controlling investments in investment managers. In February 2017 the Company agreed to purchase up to \$100 million of limited partnership interests in a fund that invests in the equity of private equity managers.

### Internally Managed Portfolio Carrying Value

	As of December 31, 2016	As of December 31, 2015
	(in millions)	
Assets purchased for loss mitigation and other risk management purposes:		
Fixed maturity securities, at fair value	\$ 855	\$ 870
Other invested assets	9	15
Other	48	45
Total	<u>\$ 912</u>	<u>\$ 930</u>

## 10. Insurance Company Regulatory Requirements

The Company's ability to pay dividends depends, among other things, upon their financial condition, results of operations, cash requirements, compliance with rating agency requirements, and is also subject to restrictions contained in the insurance laws and related regulations of their state of domicile and other states. Financial statements prepared in accordance with accounting practices prescribed or permitted by local insurance regulatory authorities differ in certain respects from GAAP.

The Company's U.S. domiciled insurance companies prepare statutory financial statements in accordance with accounting practices prescribed or permitted by the National Association of Insurance Commissioners (NAIC) and their respective insurance departments. Prescribed statutory accounting practices are set forth in the NAIC Accounting Practices and Procedures Manual. The Company has no permitted accounting practices on a statutory basis.

GAAP differs in certain significant respects from U.S. insurance companies' statutory accounting practices prescribed or permitted by insurance regulatory authorities. The principal differences result from the following statutory accounting practices:

- upfront premiums are earned when related principal and interest have expired rather than earned over the expected period of coverage;
- acquisition costs are charged to expense as incurred rather than over the period that related premiums are earned;
- a contingency reserve is computed based on statutory requirements, whereas no such reserve is required under GAAP;
- certain assets designated as "non-admitted assets" are charged directly to statutory surplus, rather than reflected as assets under GAAP;
- investments in subsidiaries are carried on the balance sheet on the equity basis, to the extent admissible, rather than consolidated with the parent;
- the amount of deferred tax assets that may be admitted is subject to an adjusted surplus threshold and is generally limited to the lesser of those assets the Company expects to realize within three years of the balance sheet date or fifteen percent of the Company's adjusted surplus. This realization period and surplus percentage is subject to change based on the amount of adjusted surplus. Under GAAP there is no non-admitted asset determination, rather a valuation allowance is recorded to reduce the deferred tax asset to an amount that is more likely than not to be realized;
- insured credit derivatives are accounted for as insurance contracts rather than as derivative contracts measured at fair value;
- bonds are generally carried at amortized cost rather than fair value;
- insured obligations of VIEs and refinancing vehicles debt, where the Company is deemed the primary beneficiary, are accounted for as insurance contracts. Under GAAP, such VIEs and refinancing vehicles are consolidated and any transactions with the Company are eliminated;
- surplus notes are recognized as surplus and each payment of principal and interest is recorded only upon approval of the insurance regulator rather than liabilities with periodic accrual of interest;
- push-down acquisition accounting is not applicable under statutory accounting practices, as it is under GAAP;
- losses are discounted at a rate of 5%, recorded when the loss is deemed probable and without consideration of the deferred premium revenue. Under GAAP, expected losses are discounted at the risk free rate at the end of each reporting period and are recorded only to the extent they exceed deferred premium revenue; and
- the present value of installment premiums and commissions are not recorded on the balance sheet as they are under GAAP.

## Insurance Regulatory Amounts Reported

	Policyholders' Surplus		Net Income (Loss)	
	As of December 31,		Year Ended December 31,	
	2016	2015	2016	2015
	(in millions)			
AGM(1)	\$ 2,321	\$ 2,441	\$ 191	\$ 217
MAC	487	730	142	102

(1) Policyholders' surplus of AGM includes its indirect ownership share of MAC. AGM owns approximately 61% of the outstanding stock of MAC Holdings, which owns 100% of the outstanding common stock of MAC.

### Contingency Reserves

On July 15, 2013, AGM and its wholly-owned subsidiary AGE (together, the AGM Group), were notified that the New York State Department of Financial Services (NYDFS) does not object to the AGM Group reassuming all of the outstanding contingency reserves that the AGM Group had ceded to Assured Guaranty Re Ltd. (AG Re) and electing to cease ceding future contingency reserves to AG Re. The insurance regulator permitted the AGM Group to reassume the contingency reserves in increments over three years. In the third quarter of 2015, the AGM Group reassumed its final installment and as of December 31, 2015, the AGM Group had collectively reassumed an aggregate of approximately \$255 million.

From time to time, AGM has obtained the approval of their regulators to release contingency reserves based on losses or because the accumulated reserve is deemed excessive in relation to the insurer's outstanding insured obligations. In 2016, on the latter basis, AGM obtained the NYDFS's approval for a contingency reserve release of approximately \$175 million. In addition, MAC also released approximately \$53 million of contingency reserves, which consisted of the assumed contingency reserves maintained by MAC, as reinsurer of AGM, in respect of the same obligations that were the subject of AGM's \$175 million release.

With respect to the regular, quarterly contributions to contingency reserves required by New York laws and regulations, such laws and regulations permit the discontinuation of such quarterly contributions to a company's contingency reserves when such company's aggregate contingency reserves for a particular line of business (i.e., municipal or non-municipal) exceed the sum of the company's outstanding principal for each specified category of obligations within the particular line of business multiplied by the specified contingency reserve factor for each such category. In accordance with such laws and regulations, and with the approval of the NYDFS, AGM ceased making quarterly contributions to its contingency reserves for non-municipal business, beginning in the fourth quarter of 2014. Such cessations are expected to continue for as long as AGM satisfies the foregoing condition for its applicable line of business.

### Dividend Restrictions and Capital Requirements

Under New York insurance law, AGM and MAC may only pay dividends out of "earned surplus," which is the portion of the company's surplus that represents the net earnings, gains or profits (after deduction of all losses) that have not been distributed to shareholders as dividends, transferred to stated capital or capital surplus, or applied to other purposes permitted by law, but does not include unrealized appreciation of assets. AGM and MAC may each pay dividends without the prior approval of the New York Superintendent of Financial Services (New York Superintendent) that, together with all dividends declared or distributed by it during the preceding 12 months, do not exceed the lesser of 10% of its policyholders' surplus (as of its last annual or quarterly statement filed with the New York Superintendent) or 100% of its adjusted net investment income during that period. The maximum amount available during 2017 for AGM to distribute as dividends without regulatory approval is estimated to be approximately \$232 million, of which approximately \$81 million is estimated to be available for distribution in the first quarter of 2017. The maximum amount available during 2017 for MAC to distribute as dividends without regulatory approval is estimated to be approximately \$49 million. Since its capitalization in 2013, MAC has not distributed any dividends. MAC currently intends to allocate the distribution of such amount quarterly in 2017.

On June 30, 2016, MAC obtained approval from the NYDFS to repay its \$300 million surplus note to MAC Holdings and its \$100 million surplus note (plus accrued interest) to AGM. Accordingly, on June 30, 2016, MAC transferred cash and/or marketable securities to (i) MAC Holdings in an aggregate amount equal to \$300 million, and (ii) AGM in an aggregate amount of \$102.5 million. MAC Holdings, upon receipt of such \$300 million from MAC, distributed cash and/or marketable



securities in an aggregate amount of \$300 million to its shareholders, AGM and AGC, in proportion to their respective 61% and 39% ownership interests such that AGM received \$182 million and AGC received \$118 million.

U.K. company law prohibits AGE from declaring a dividend to its shareholder unless it has “profits available for distribution.” The determination of whether a company has profits available for distribution is based on its accumulated realized profits less its accumulated realized losses. While the U.K. insurance regulatory laws impose no statutory restrictions on a general insurer's ability to declare a dividend, the Prudential Regulation Authority's capital requirements may in practice act as a restriction on dividends.

### **Dividends and Surplus Note By Insurance Company**

	<b>Year Ended December 31,</b>	
	<b>2016</b>	<b>2015</b>
	<b>(in millions)</b>	
Dividends paid by AGM to AGMH	\$ 247	\$ 215
Repayment of surplus note by AGM to AGMH	—	25
Repayment of surplus note by MAC to AGM	100	—
Repayment of surplus note by MAC to MAC Holdings (1)	300	—

(1) MAC Holdings returned \$300 million to AGM and AGC, in proportion to their ownership percentages, in the second quarter of 2016.

### **Stock Redemption Plan**

On November 25, 2016, the New York Superintendent approved AGM's request to repurchase 125 of its shares of common stock from its direct parent, AGMH, for approximately \$300 million. AGM implemented the stock redemption plan in December 2016. Each share repurchased by AGM was retired and ceased to be an authorized share. Pursuant to AGM's Amended and Restated Charter, the par value of AGM's remaining shares of common stock issued and outstanding increased automatically in order to maintain AGM's total paid-in capital at \$15 million and its authorized capital at \$20 million.

## **11. Income Taxes**

### **Accounting Policy**

The provision for income taxes consists of an amount for taxes currently payable and an amount for deferred taxes. Deferred income taxes are provided for temporary differences between the financial statement carrying amounts and tax bases of assets and liabilities, using enacted rates in effect for the year in which the differences are expected to reverse. A valuation allowance is recorded to reduce the deferred tax asset to an amount that is more likely than not to be realized.

Non-interest-bearing tax and loss bonds are purchased in the amount of the tax benefit that results from deducting contingency reserves as provided under Internal Revenue Code Section 832(e). The Company records the purchase of tax and loss bonds in deferred taxes.

The Company recognizes tax benefits only if a tax position is “more likely than not” to prevail.

### **Overview**

The Company files its U.S. federal tax return as a part of the consolidated group for Assured Guaranty US Holdings Inc. (AGUS), an indirect parent holding company. Each member of the AGUS consolidated tax group is part of a tax sharing agreement and pays or receives its proportionate share of the consolidated regular federal tax liability for the group as if each company filed on a separate return basis.

## Provision for Income Taxes

A reconciliation of the difference between the provision for income taxes and the expected tax provision at statutory rates in taxable jurisdictions is presented below:

### Effective Tax Rate Reconciliation

	Year Ended December 31,	
	2016	2015
	(in millions)	
Expected tax provision (benefit) at statutory rate	\$ 148	\$ 229
Tax-exempt interest	(37)	(41)
Change in liability for uncertain tax positions	6	8
Effect of provision to tax return filing adjustments	(6)	(8)
Other	(7)	(2)
Total provision (benefit) for income taxes	\$ 104	\$ 186
Effective tax rate	24.8%	28.4%

The expected tax provision at statutory rates in taxable jurisdictions is calculated as the sum of pretax income in each jurisdiction multiplied by the statutory tax rate of the jurisdiction by which it will be taxed. Pretax income of the Company's subsidiaries which are not U.S. domiciled but are subject to U.S. tax by election are included at the U.S. statutory tax rate.

### Components of Net Deferred Tax Assets

	As of December 31,	
	2016	2015
	(in millions)	
Deferred tax assets:		
Unrealized losses on credit derivative financial instruments, net	\$ 25	\$ 28
Unearned premium reserves, net	53	122
Loss and LAE reserve	66	—
Tax and loss bonds	50	39
Deferred ceding commission	27	25
FG VIEs	23	29
Deferred compensation	13	12
Investment basis difference	48	51
Other	6	14
Total deferred income tax assets	311	320
Deferred tax liabilities:		
Contingency reserves	82	64
Loss and LAE reserve	—	50
Unrealized appreciation on committed capital securities	10	10
Unrealized appreciation on investments	23	66
Market discount	14	21
Other	6	6
Total deferred income tax liabilities	135	217
Net deferred income tax asset	\$ 176	\$ 103

## ***Valuation Allowance***

The Company came to the conclusion that it is more likely than not that the net deferred tax asset will be fully realized after weighing all positive and negative evidence available as required under GAAP. The positive evidence that was considered included the cumulative income the Company has earned over the last three years, and the significant unearned premium income to be included in taxable income. The positive evidence outweighs any negative evidence that exists. As such, the Company believes that no valuation allowance is necessary in connection with this deferred tax asset. The Company will continue to analyze the need for a valuation allowance on a quarterly basis.

## ***Audits***

AGUS has open tax years with the U.S. Internal Revenue Service (IRS) for 2009 forward and is currently under audit for the 2009 - 2012 tax years. In December of 2016 the IRS issued a Revenue Agent Report which did not identify any material adjustments that were not already accounted for in the prior periods. It is expected that the audit will close in 2017 and depending on the final outcome reserves for uncertain tax positions may be released. The Company's U.K. subsidiary, AGE, is not currently under examination and has open tax years of 2014 forward.

## ***Uncertain Tax Positions***

The following table provides a reconciliation of the beginning and ending balances of the total liability for unrecognized tax positions.

	2016	2015
	(in millions)	
Balance as of January 1,	\$ 18	\$ 11
Effect of provision to tax return filing adjustments	3	7
Increase in unrecognized tax positions as a result of position taken during the current year	2	—
Balance as of December 31,	<u>\$ 23</u>	<u>\$ 18</u>

The Company's policy is to recognize interest related to uncertain tax positions in income tax expense and has accrued \$0.8 million for 2016 and \$0.5 million for 2015. As of December 31, 2016 and December 31, 2015, the Company has accrued \$3.6 million and \$2.8 million of interest, respectively.

The total amount of unrecognized tax positions as of December 31, 2016 would affect the effective tax rate, if recognized.

## ***Tax Treatment of CDS***

The Company treats the guaranty it provides on CDS as an insurance contract for tax purposes and as such a taxable loss does not occur until the Company expects to make a loss payment to the buyer of credit protection based upon the occurrence of one or more specified credit events with respect to the contractually referenced obligation or entity. The Company holds its CDS to maturity, at which time any unrealized fair value loss in excess of credit-related losses would revert to zero. The tax treatment of CDS is an unsettled area of the law. The uncertainty relates to the IRS determination of the income or potential loss associated with CDS as either subject to capital gain (loss) or ordinary income (loss) treatment. In treating CDS as insurance contracts the Company treats both the receipt of premium and payment of losses as ordinary income and believes it is more likely than not that any CDS credit related losses will be treated as ordinary by the IRS. To the extent the IRS takes the view that the losses are capital losses in the future and the Company incurred actual losses associated with the CDS, the Company would need sufficient taxable income of the same character within the carryback and carryforward period available under the tax law.

## **12. Reinsurance and Other Monoline Exposures**

The Company assumes exposure on insured obligations (Assumed Business) and may cede portions of its exposure on obligations it has insured (Ceded Business) in exchange for premiums, net of ceding commissions. The Company historically entered into ceded reinsurance contracts in order to obtain greater business diversification and reduce the net potential loss from large risks.

## Accounting Policy

For business assumed and ceded, the accounting model of the underlying direct financial guaranty contract dictates the accounting model used for the reinsurance contract (except for those eliminated as FG VIEs). For any assumed or ceded financial guaranty insurance premiums and financial guaranty insurance losses, the accounting models described in Note 5 are followed. For any ceded credit derivative contracts, the accounting model in Note 7 is followed.

### Ceded and Assumed Business

The Company has Ceded Business to affiliated and non-affiliated companies to limit its exposure to risk. Under these relationships, the Company ceded a portion of its insured risk to the reinsurer in exchange for the reinsurer receiving a share of the Company's premiums for the insured risk (typically, net of a ceding commission). The Company remains primarily liable for all risks it directly underwrites and is required to pay all gross claims. It then seeks reimbursement from the reinsurer for its proportionate share of claims. The Company may be exposed to risk for this exposure if it were required to pay the gross claims and not be able to collect ceded claims from an assuming company experiencing financial distress. A number of the financial guaranty insurers to which the Company has ceded par have experienced financial distress and been downgraded by the rating agencies as a result. In addition, state insurance regulators have intervened with respect to some of these insurers. The Company's ceded contracts generally allow the Company to recapture Ceded Business after certain triggering events, such as reinsurer downgrades.

AGM is also party to reinsurance agreements as a reinsurer to its affiliated financial guaranty insurance companies. In 2013, MAC assumed a book of U.S. public finance business from AGM and AGC.

The Company has assumed business primarily from its affiliate, AGC. Under this relationship, the Company assumes a portion of the ceding company's insured risk in exchange for a premium. The Company may be exposed to risk in this portfolio in that the Company may be required to pay losses without a corresponding premium in circumstances where the ceding company is experiencing financial distress and is unable to pay premiums. The Company's agreement with AGC is generally subject to termination at the option of the ceding company if the Company fails to meet certain financial and regulatory criteria or to maintain a specified minimum financial strength rating. Upon termination under these conditions, the Company may be required to return to the ceding company unearned premiums and loss reserves calculated on a statutory basis of accounting, attributable to the reinsurance assumed, after which the Company would be released from liability with respect to the Assumed Business. Upon the occurrence of the conditions set forth above, whether or not an agreement is terminated, the Company may be obligated to increase the level of ceding commission paid.

Over the past several years, the Company has entered into several commutations in order to reassume previously ceded books of business from its reinsurers. The Company expects to complete another such commutation, this time of the entire remaining portfolio assumed by one of its unaffiliated reinsurers, before the end of the first quarter of 2017. The size of such portfolio is approximately \$1 billion of par, consisting predominantly of U.S. public finance and international public and project finance exposures. For such reassumption, the Company will receive the statutory unearned premium (net of commission) and loss and loss adjustment expense reserves outstanding as of the commutation date, plus a commutation premium. The Company is in the process of finalizing the effect of the commutation and expects to record a benefit in the first quarter of 2017.

### Net Effect of Commutations of Ceded Reinsurance Contracts

	Year Ended December 31,	
	2016	2015
	(in millions)	
Increase (decrease) in net unearned premium reserve	\$ —	\$ 23
Increase (decrease) in net par outstanding	56	855
Commutation gains	13	28

The following table presents the components of premiums and losses reported in the consolidated statement of operations and the contribution of the Company's Assumed and Ceded Businesses.

### Effect of Reinsurance on Statement of Operations

	Year Ended December 31,	
	2016	2015
	(in millions)	
<b>Premiums Written:</b>		
Direct	\$ 160	\$ 146
Assumed	1	16
Ceded	(83)	(47)
Net	<u>\$ 78</u>	<u>\$ 115</u>
<b>Premiums Earned:</b>		
Direct	\$ 542	\$ 521
Assumed	52	37
Ceded	(149)	(154)
Net	<u>\$ 445</u>	<u>\$ 404</u>
<b>Loss and LAE:</b>		
Direct	\$ 285	\$ 157
Ceded	(85)	(47)
Net	<u>\$ 200</u>	<u>\$ 110</u>

In addition to the items presented in the table above, the Company records in net change in fair value of credit derivatives on the consolidated statements of operations, the effect of ceded credit derivative exposures. These amounts were losses of \$54 million in 2016 and gains of \$14 million in 2015. The Company has no assumed credit derivative exposures.

### Other Monoline Exposures

In addition to assumed and ceded reinsurance arrangements, the Company may also have exposure to some financial guaranty reinsurers (i.e., monolines) in other areas. Second-to-pay insured par outstanding represents transactions the Company has insured that were previously insured by third party insurers and reinsurers as well as affiliated companies. The Company underwrites such transactions based on the underlying insured obligation without regard to the primary insurer. Another area of exposure is in the investment portfolio where the Company holds fixed-maturity securities that are wrapped by monolines and whose value may change based on the rating of the monoline. As of December 31, 2016, based on fair value, the Company had fixed-maturity securities in its investment portfolio consisting of \$87 million insured by National, \$83 million insured by Ambac, \$54 million insured by AGC, \$294 million insured by the Company's affiliate Assured Guaranty (UK) Ltd., and \$8 million insured by other guarantors.

In addition, the Company acquired bonds for loss mitigation or other risk management purposes in the amount of \$126 million insured by FGIC UK Limited.

In accordance with U.S. statutory accounting requirements and U.S. insurance laws and regulations, in order for the Company to receive credit for liabilities ceded to reinsurers domiciled outside of the U.S., such reinsurers must secure their liabilities to the Company. All of the unauthorized reinsurers in the tables below are required to post collateral for the benefit of the Company in an amount at least equal to the sum of their ceded unearned premium reserve, loss reserves and contingency reserves all calculated on a statutory basis of accounting. In addition, certain authorized reinsurers in the tables below post collateral on terms negotiated with the Company.

## Monoline and Reinsurer Exposure by Company

	Par Outstanding		
	As of December 31, 2016		
Reinsurer	Ceded Par Outstanding (1)	Second-to-Pay Insured Par Outstanding (2)	Assumed Par Outstanding
	(in millions)		
Affiliated Companies:			
AGC (3) (4)	\$ 2,705	\$ 168	\$ 16,923
AG Re (4)	53,414	—	—
Affiliated Companies	56,119	168	16,923
Non-Affiliated Companies:			
Reinsurers rated investment grade:			
Tokio Marine & Nichido Fire Insurance Co., Ltd. (4) (5)	3,440	—	—
Mitsui Sumitomo Insurance Co. Ltd. (4) (5)	1,274	—	—
National	—	2,849	—
Subtotal	4,714	2,849	—
Reinsurers rated BIG, that had rating withdrawn or not rated:			
American Overseas Reinsurance Company Limited (3)	3,063	—	30
Syncora Guarantee Inc. (4)	2,062	412	462
ACA Financial Guaranty Corp.	637	—	—
Ambac	—	1,555	—
FGIC (6)	—	586	—
MBIA Insurance Corp.	—	570	—
MBIA UK Insurance Limited (7)	—	154	—
Ambac Assurance Corp. Segregated Account	—	71	—
Other (4)	20	—	0
Subtotal	5,782	3,348	492
Non-Affiliated Companies	10,496	6,197	492
Total	\$ 66,615	\$ 6,365	\$ 17,415

- (1) Of the total ceded par to reinsurers rated BIG, that had rating withdrawn or not rated, \$340 million is rated BIG.
- (2) The par on second-to-pay exposure where the primary insurer and underlying transaction rating are both BIG is \$340 million.
- (3) Assumed par outstanding includes \$16,894 million assumed by MAC from AGC.
- (4) The total collateral posted by all affiliated and non-affiliated reinsurers required or had agreed to post collateral as of December 31, 2016, is approximately \$955 million. The collateral excludes amounts posted by AGM for the benefit of AGE, See Note 13, Related Party Transactions.
- (5) The Company benefits from trust arrangements that satisfy the triple-A credit requirement of S&P and/or Moody's.
- (6) FGIC includes subsidiaries Financial Guaranty Insurance Company and FGIC UK Limited.
- (7) On January 10, 2017, the Company's affiliate AGC completed its acquisition of MBIA UK Insurance Limited, which subsequently changed its name to Assured Guaranty (London) Ltd. (AGLN). On January 12, 2017, S&P placed AGLN's BB financial strength rating on credit watch positive. On January 13, 2017, Moody's upgraded the insurance financial strength rating of AGLN to Baa2 from Ba2.

**Amounts Due (To) From Reinsurers  
As of December 31, 2016**

	<b>Assumed Premium</b>	<b>Ceded Premium, net of Commissions (in millions)</b>	<b>Ceded Expected Loss to be Paid</b>
<b>Affiliated Companies:</b>			
AGC	\$ 1	\$ (10)	\$ 30
AG Re	—	(50)	89
Affiliated Companies	1	(60)	119
<b>Non-Affiliated Companies:</b>			
Reinsurers rated investment grade	—	(11)	62
<b>Reinsurers rated non-investment grade, had rating withdrawn or not rated:</b>			
American Overseas Reinsurance Company Limited	—	(4)	28
Syncora Guarantee Inc.	12	(18)	(3)
Other	—	(10)	—
Subtotal	12	(32)	25
Non-Affiliated Companies	12	(43)	87
Total	\$ 13	\$ (103)	\$ 206

**Excess of Loss Reinsurance Facility**

AGC, AGM and MAC entered into a \$360 million aggregate excess of loss reinsurance facility with a number of reinsurers, effective as of January 1, 2016. This facility replaces a similar \$450 million aggregate excess of loss reinsurance facility that AGC, AGM and MAC had entered into effective January 1, 2014 and which terminated on December 31, 2015. The new facility covers losses occurring either from January 1, 2016 through December 31, 2023, or January 1, 2017 through December 31, 2024, at the option of AGC, AGM and MAC. It terminates on January 1, 2018, unless AGC, AGM and MAC choose to extend it. The new facility covers certain U.S. public finance credits insured or reinsured by AGC, AGM and MAC as of September 30, 2015, excluding credits that were rated non-investment grade as of December 31, 2015 by Moody's or S&P or internally by AGC, AGM or MAC and is subject to certain per credit limits. Among the credits excluded are those associated with the Commonwealth of Puerto Rico and its related authorities and public corporations. The new facility attaches when AGC's, AGM's and MAC's net losses (net of AGC's and AGM's reinsurance (including from affiliates) and net of recoveries) exceed \$1.25 billion in the aggregate. The new facility covers a portion of the next \$400 million of losses, with the reinsurers assuming pro rata in the aggregate \$360 million of the \$400 million of losses and AGC, AGM and MAC jointly retaining the remaining \$40 million. The reinsurers are required to be rated at least AA- or to post collateral sufficient to provide AGC, AGM and MAC with the same reinsurance credit as reinsurers rated AA-. AGC, AGM and MAC are obligated to pay the reinsurers their share of recoveries relating to losses during the coverage period in the covered portfolio. AGC, AGM and MAC paid approximately \$9 million of premiums in 2016 (of which AGM and MAC paid approximately \$8 million) for the term January 1, 2016 through December 31, 2016 and had approximately \$9 million of cash in trust accounts for the benefit of the reinsurers to be used to pay the premium for January 1, 2017 through December 31, 2017.

**13. Related Party Transactions**

**Guarantees or Contingencies for Related Parties**

AGM currently provides support to AGE, through a quota share and excess of loss reinsurance agreement (the Reinsurance Agreement) and a net worth maintenance agreement (the AGE Net Worth Agreement). For transactions closed prior to 2011, AGE typically guaranteed all of the guaranteed obligations directly and AGM reinsured under the quota share cover of the Reinsurance Agreement approximately 92% of AGE's retention after cessions to other reinsurers. In 2011, AGE and AGM implemented a co-guarantee structure pursuant to which (i) AGE directly guarantees a portion of the guaranteed obligations in an amount equal to what would have been AGE's pro rata retention percentage under the quota share cover, (ii)

AGM directly guarantees the balance of the guaranteed obligations, and (iii) AGM also provides a second-to-pay guarantee for AGE's portion of the guaranteed obligations. AGM's ability to provide such direct guaranties outside of the U.K. is uncertain.

Under the excess of loss cover of the Reinsurance Agreement, AGM pays AGE quarterly the amount by which (i) the sum of (a) AGE's incurred losses calculated in accordance with U.K. GAAP as reported by AGE in its financial returns filed with the PRA and (b) AGE's paid losses and LAE, in both cases net of all other performing reinsurance, including the reinsurance provided by the Company under the quota share cover of the Reinsurance Agreement, exceeds (ii) an amount equal to (a) AGE's capital resources under U.K. law minus (b) 110% of the greatest of the amounts as may be required by the PRA as a condition for AGE to maintain its authorization to carry on a financial guarantee business in the U.K. The Reinsurance Agreement permits AGE to terminate the Reinsurance Agreement upon the following events: a downgrade of AGM's ratings by Moody's below Aa3 or by S&P below AA- if AGM fails to restore its rating(s) to the required level within a prescribed period of time; AGM's insolvency; failure by AGM to maintain the minimum capital required by its domiciliary jurisdiction; or AGM filing a petition in bankruptcy, going into liquidation or rehabilitation or having a receiver appointed.

The quota share and excess loss covers each exclude transactions guaranteed by AGE on or after July 1, 2009 that are not municipal, utility, project finance or infrastructure risks or similar types of risks.

The Reinsurance Agreement also contemplates the establishment of collateral by AGM to support AGM's reinsurance obligations to AGE. In December 2014, to satisfy the PRA's collateral requirements, AGM and AGE entered into a trust agreement pursuant to which AGM established and deposited assets into a reinsurance trust account for the benefit of AGE. AGM's collateral requirement was measured during 2015, as of the end of each calendar quarter, by (i) using the PRA's FG Benchmark Model to calculate at the 99.5% confidence interval the losses expected to be borne collectively by AGE's three affiliated reinsurers, AGM, AG Re and Assured Guaranty Re Overseas Ltd. (AGRO); (ii) deducting from such calculation AGE's capital resources under such model; and (iii) requiring AGM, AG Re and AGRO collectively to maintain collateral equal to fifty percent (50%) of such difference, i.e., the excess of AGM's, AG Re's and AGRO's assumed modeled losses over AGE's capital resources. As of January 1, 2016, the PRA agreed to allow AGM's collateral requirement to be determined using AGE's internal capital requirement model instead of the FG Benchmark Model under the same formula described above. This change in the calculation of AGM's required collateral was reflected in an amendment to the Reinsurance Agreement approved by the NYDFS and made effective in April 2016.

Pursuant to the AGE Net Worth Agreement, AGM is obligated to cause AGE to maintain capital resources equal to 110% of the greatest of the amounts as may be required by the PRA as a condition for AGE to maintain its authorization to carry on a financial guarantee business in the U.K., provided that AGM's contributions (a) do not exceed 35% of AGM's policyholders' surplus on an accumulated basis as determined by the laws of the State of New York, and (b) are in compliance with Section 1505 of the New York Insurance Law. AGM has never been required to make any contributions to AGE's capital under the AGE Net Worth Agreement or the prior net worth maintenance agreement. With the approval of the NYDFS, AGE and AGM amended the AGE Net Worth Agreement effective in April 2016 to provide for use of the internal capital requirement model.

### **Management, Service Contracts or Cost Sharing Arrangements**

Until December 31, 2016, the Company and various of its affiliates were parties to the Amended and Restated Service Agreement, effective as April 1, 2015 (the Group Service Agreement). Under the Group Service Agreement, the Company's Maryland affiliate, AGC, was the payroll company for, and employer of, the U.S. employees of the Assured Guaranty group. AGC's employees made available to its Bermuda, U.S. and U.K. affiliates, as applicable, equipment, insurance, reinsurance and such other services, including actuarial, marketing, underwriting, claims handling, surveillance, legal, corporate secretarial, information technology, human resources, accounting, tax, financial reporting and investment planning services. In addition, under the Group Service Agreement the Company made available to AGC and the other affiliates the use of certain equipment and office space leased by the Company. Expenses under the Group Service Agreement were allocated directly where appropriate and, where not appropriate, based upon an allocation of employee time and corresponding office overhead. The agreement provided for quarterly settlements and an express right of offset with regard to amounts owing between parties under the Group Service Agreement and other agreements between such parties.

In the first quarter of 2017, the Company's indirect parent, AG US Holdings, formed and capitalized AG US Group Services Inc. (AG Services), a Delaware corporation, to act as the payroll company and employer for all U.S. personnel and the central, dedicated service provider within the Assured Guaranty group in place of AGC. This structure is consistent with the way in which numerous other insurance holding companies provide inter-company staff and services. Accordingly, effective January 1, 2017, (i) AGC transferred the employees and the employee benefit, retirement and health plans relating to such employees to AG Services; and (ii) the Group Service Agreement was amended and restated to replace AGC with AG Services



as the payroll company and service provider under the agreement. Such amended and restated agreement is substantially identical to the Group Service Agreement except for a few changes primarily related to operational matters, including pre-funding by affiliates who are the largest consumers of group services and inter-company allocation of expenses.

See Note 16, Employee Benefit Plans for expenses related to Long-Term Compensation Plans of AGL which are allocated to AGM.

The following table summarizes the allocated expenses from (to) affiliate companies under the expense sharing agreements.

#### Expenses Allocated From (To) Affiliated Companies

	Year Ended December 31,	
	2016	2015
	(in millions)	
Affiliated companies:		
AGC	\$ 77	\$ 68
Assured Guaranty Finance Overseas Ltd.	3	9
AGL	6	6
Assured Guaranty (UK) Services Limited	5	5
Total	<u>\$ 91</u>	<u>\$ 88</u>

The following table summarizes the amounts due (to) from affiliate companies under the expense sharing agreements.

#### Amounts Due (To) From Affiliated Companies

	As of December 31,	
	2016	2015
	(in millions)	
Affiliated companies:		
AGC	\$ (45)	\$ (36)
AGL	(4)	(5)
Assured Guaranty Finance Overseas Ltd.	(1)	(2)
Other	(2)	(3)
Total	<u>\$ (52)</u>	<u>\$ (46)</u>

#### Reinsurance Agreements

The Company cedes to and assumes from affiliated entities under certain reinsurance agreements. See below for material balance sheet and statement of operations items related to insurance transactions.

The following table summarizes the affiliated components of each balance sheet item, where applicable.

		As of December 31,	
		2016	2015
		(in millions)	
<b>Assets:</b>			
Premium receivable			
AGC	\$	1	\$ 2
Ceded unearned premium reserve			
AG Re		544	564
AGC		45	56
Reinsurance recoverable on unpaid losses			
AG Re		79	62
AGC		33	24
Profit commission receivable (1)			
AG Re		1	0
Net credit derivative assets			
AG Re		2	18
AGC		0	0
<b>Liabilities:</b>			
Unearned premium reserve			
AGC		121	172
Ceded premium payable, net of ceding commission (2)			
AG Re		50	53
AGC		10	13
Ceded salvage and subrogation recoverable (2)			
AG Re		7	1
AGC		9	1
Ceded funds held (3)			
AG Re		15	35
AGC		12	25
Deferred ceding commissions (3)			
AG Re		119	113
AGC		1	1
Other liabilities			
AG Re		—	6
AGC		—	5
<b>Other information:</b>			
Exposure			
Assumed par outstanding			
AGC		16,923	19,836
Ceded par outstanding			
AG Re		53,414	56,985
AGC		2,705	3,349

(1) Included in other assets on the consolidated balance sheets.

(2) Included in reinsurance balances payable, net on the consolidated balance sheets.

(3) Included in other liabilities on the consolidated balance sheets.

The following table summarizes the affiliated components of each statement of operations item, where applicable.

	Year Ended December 31,	
	2016	2015
	(in millions)	
<b>Revenues:</b>		
Net earned premiums		
AG Re	\$ (91)	\$ (80)
AGC	41	25
Profit commission income		
AG Re	1	0
Realized gains and other settlements on credit derivatives		
AG Re	0	0
AGC	0	4
Net unrealized gains (losses) on credit derivatives		
AG Re	(1)	(5)
<b>Expenses:</b>		
Loss and loss adjustment expenses (recoveries)		
AG Re	(39)	(15)
AGC	(14)	(12)
Commissions incurred (earned)		
AG Re	(17)	(15)
AGC	0	0

#### Other Invested Assets

#### *Surplus Note from AGC*

On December 18, 2009, AGC issued a surplus note with a principal amount of \$300 million to AGM. This note carried a simple interest rate of 5.0% per annum and matures on December 31, 2029. Principal is payable at the option of AGC prior to the final maturity of the note in 2029 and interest is payable on the note annually in arrears as of December 31 of each year, commencing December 31, 2010. Payments of principal and interest are subject to AGC having policyholders' surplus in excess of statutory minimum requirements after such payment and to prior written approval by the Maryland Insurance Administration. On April 11, 2016, the surplus note agreement was amended to reduce the simple interest rate to 3.5% per annum effective January 1, 2016. AGM recognized \$11 million and \$15 million of interest income in each of the years ended December 31, 2016 and 2015. AGM also received \$11 million and \$15 million of interest from AGC in each of the years ended December 31, 2016 and 2015. There was no principal paydown on the surplus note by AGC.

#### Capital Contributions from AGMH

In the third quarter of 2008, AGM issued a non-interest bearing surplus note with no term to AGMH in exchange for \$300 million which, due to the terms of the agreement, is recorded as capital. Principal on the surplus note may be paid at any time at the option of the Company, subject to prior approval of the New York Superintendent and in compliance with the conditions to such payments as contained in the New York Insurance Laws. The Company repaid \$25 million in principal on this surplus note in 2015. AGM fully repaid the surplus note in March 2015 after obtaining approval from the New York Department of Financial Services.

#### 14. Commitments and Contingencies

##### Leases

AGM and AGE are party to various lease agreements accounted for as operating leases. The Company leases and occupies space in New York City through 2032. In addition, AGM and AGE lease additional office space in various locations under non-cancelable operating leases which expire at various dates through 2029. Rent expense allocated to the Company for all premises was \$7.0 million in 2016 and \$4.7 million in 2015.

AGM entered into an operating lease effective January 1, 2016, for new office space comprising one full floor and one partial floor at 1633 Broadway in New York City. Assured Guaranty moved the principal place of business of AGM, AGC, MAC and AGL's other U.S. based subsidiaries from 31 West 52<sup>nd</sup> Street in New York City to this new location during the summer of 2016. The new lease is for approximately 88,000 square feet and runs until 2032, with an option, subject to certain conditions, to renew for five years at a fair market rent. The fixed annual rent, which commences after an initial rent holiday, begins at \$6.2 million, rising in two steps to \$7.3 million for the last five years of the initial term. In connection with the move and in return for rent abatement and certain other concessions, AGM terminated its lease on its existing office space at 31 West 52<sup>nd</sup> Street, which had been scheduled to run until 2026. On September 23, 2016, AGM entered into an amendment to the 1633 Broadway lease to include the remaining portion of the partial floor for the remainder of the lease term. The fixed annual rent, which commences after an initial rent holiday, begins at \$1.1 million per annum, rising in two steps to \$1.3 million for the last five years of the initial term.

#### **Future Minimum Rental Payments**

Year	(in millions)
2017	\$ 6
2018	7
2019	9
2020	9
2021	9
Thereafter	86
Total	<u>\$ 126</u>

#### **Legal Proceedings**

Lawsuits arise in the ordinary course of the Company's business. It is the opinion of the Company's management, based upon the information available, that the expected outcome of litigation against the Company, individually or in the aggregate, will not have a material adverse effect on the Company's financial position or liquidity, although an adverse resolution of litigation against the Company in a fiscal quarter or year could have a material adverse effect on the Company's results of operations in a particular quarter or year.

In addition, in the ordinary course of their respective businesses, the Company and its affiliates assert claims in legal proceedings against third parties to recover losses paid in prior periods or prevent losses in the future, including those described in the "Recovery Litigation," section of Note 4, Expected Loss to be Paid. For example, as described there, in January 2016, the Company commenced an action for declaratory judgment and injunctive relief in the U.S. District Court for the District of Puerto Rico to invalidate executive orders issued by the Governor of Puerto Rico directing the retention or transfer of certain taxes and revenues pledged to secure the payment of certain bonds insured by the Company, and in July 2016, the Company filed a motion and form of complaint in the U.S. District Court for the District of Puerto Rico seeking relief from the PROMESA stay in order to file a complaint to protect its interest in certain pledged PRHTA toll revenues. The amounts, if any, the Company will recover in these and other proceedings to recover losses are uncertain, and recoveries, or failure to obtain recoveries, in any one or more of these proceedings during any quarter or year could be material to the Company's results of operations in that particular quarter or year.

#### **Accounting Policy**

The Company establishes accruals for litigation and regulatory matters to the extent it is probable that a loss has been incurred and the amount of that loss can be reasonably estimated. For litigation and regulatory matters where a loss may be reasonably possible, but not probable, or is probable but not reasonably estimable, no accrual is established, but if the matter is material, it is disclosed, including matters discussed below. The Company reviews relevant information with respect to its litigation and regulatory matters on a quarterly, and annual basis and updates its accruals, disclosures and estimates of reasonably possible loss based on such reviews.

## ***Litigation***

### *Proceedings Relating to the Company's Financial Guaranty Business*

AGM receives subpoenas *duces tecum* and interrogatories from regulators from time to time.

On September 25, 2013, Wells Fargo Bank, N.A., as trust administrator of the MASTR Adjustable Rate Mortgages Trust 2007-3 (Wells Fargo), filed an interpleader complaint in the U.S. District Court for the Southern District of New York seeking adjudication of a dispute between Wales LLC (Wales) and AGM as to whether AGM is entitled to reimbursement from certain cashflows for principal claims paid in respect of insured certificates. On September 30, 2016, the court issued an opinion denying a motion for judgment on the pleadings filed by Wales. On January 3, 2017, the Court approved a Stipulation and Order of Dismissal of Wales from the action due to Wales having sold its interests in the MASTR Adjustable Rate Mortgages Trust 2007-3 certificates. On February 9, 2017, the remaining parties submitted a Stipulation and (Proposed) Order of Voluntary Dismissal, which the Court has not yet so-ordered. The Company estimates that an adverse outcome to the interpleader proceeding could increase losses on the transaction by approximately \$10 - \$20 million, net of expected settlement payments and reinsurance in force.

### *Proceedings Related to AGMH's Former Financial Products Business*

The following is a description of legal proceedings involving AGMH's former Financial Products Business. Although Assured Guaranty did not acquire AGMH's former Financial Products Business, which included AGMH's former GIC business, medium term notes business and portions of the leveraged lease businesses, certain legal proceedings relating to those businesses were against entities that Assured Guaranty did acquire. While Dexia SA and Dexia Crédit Local S.A (together, Dexia) have paid all expenses and settlement amounts due to date as a result of the proceedings described below, such indemnification might not be sufficient to fully hold the Company harmless against any injunctive relief or civil or criminal sanction that is imposed against the Company as a result of any potential newly asserted claims related to these matters.

### *Governmental Investigations into Former Financial Products Business*

AGMH and/or AGM received subpoenas *duces tecum* and interrogatories or civil investigative demands from the Attorneys General of the States of Connecticut, Florida, Illinois, Massachusetts, Missouri, New York, Texas and West Virginia relating to their investigations of alleged bid rigging of municipal GICs. In addition, AGMH received a subpoena from the Antitrust Division of the Department of Justice in November 2006 issued in connection with an ongoing criminal investigation of bid rigging of awards of municipal GICs and other municipal derivatives. AGMH responded to such requests when they were received several years ago. While it is possible AGMH may receive additional inquiries from these or other regulators, the Company is not currently aware that any governmental authority, including such Attorneys General or the Department of Justice, are actively pursuing or contemplating legal proceedings with respect to AGMH's former Financial Products Business.

### *Lawsuits Relating to Former Financial Products Business*

From 2008 through 2010, complaints were brought on behalf of a purported class of state, local and municipal government entities alleging federal antitrust violations in the municipal derivatives industry, seeking damages and alleging, among other things, a conspiracy to fix the pricing of, and manipulate bids for, municipal derivatives, including GICs. These actions were consolidated before one judge in the Southern District of New York as Municipal Derivatives Antitrust Litigation (MDL 1950). Following motions to dismiss, amended class action complaints were filed on behalf of a putative class of plaintiffs. The most recently amended, operative class action complaint does not list AGMH or its affiliates as defendants or co-conspirators. On July 8, 2016, the MDL 1950 Court entered an order approving settlement of the remaining class claims, resolving the putative class case.

In addition, the Attorney General of the State of West Virginia filed a lawsuit that, as amended, named AGM and Assured Guaranty U.S. Holdings as defendants and alleged a conspiracy to decrease the returns that West Virginia public entities earned on municipal derivative instruments. Also, approximately 19 California and New York government entities brought individual lawsuits that were not a part of the class action and that did not dismiss AGMH or its affiliates. All these cases were transferred to the Southern District of New York and consolidated with MDL 1950 for pretrial purposes. In June and July 2016, Dexia executed settlement agreements covering the action brought by the Attorney General of the State of West Virginia and the actions brought by the individual California and New York plaintiffs, and on July 1, 2016 and July 27, 2016, respectively, the MDL 1950 court dismissed with prejudice the claims against Assured Guaranty U.S. Holdings and AGM in all such actions. Those settlements release all claims as to Assured Guaranty U.S. Holdings, AGMH and AGM, as well as their parents, subsidiaries and affiliates.

## 15. Notes Payable and Credit Facilities

### Notes Payable

Notes Payable represents debt issued by VIEs consolidated by AGM to one of the Financial Products Companies that were transferred to Dexia Holdings Inc. prior to the acquisition of AGMH. The funds borrowed were used to finance the purchase of the underlying obligations of AGM-insured obligations which had breached triggers allowing AGM to exercise its right to accelerate payment of a claim in order to mitigate loss. The assets purchased are classified as assets acquired in refinancing transactions and recorded in “other invested assets.” The terms of the notes payable match the terms of the assets acquired in refinancing transactions.

The principal and carrying values of the Company's notes payable are presented in the table below.

#### Principal and Carrying Amounts of Notes Payable

	As of December 31,			
	2016		2015	
	Principal	Carrying Value	Principal	Carrying Value
	(in millions)			
Notes Payable	\$ 9	\$ 10	\$ 12	\$ 13

Principal payments due under the notes payable are as follows:

#### Expected Maturity Schedule of Notes Payable

Expected Withdrawal Date	Principal Amount (in millions)
2017	\$ 4
2018	2
2019	1
2020	1
2021	0
Thereafter	1
Total	<u>\$ 9</u>

### Recourse Credit Facilities

#### 2009 Strip Coverage Facility

In connection with the Company's acquisition of AGMH and its subsidiaries from Dexia Holdings Inc., AGM agreed to retain the risks relating to the debt and strip policy portions of the leveraged lease business.

In a leveraged lease transaction, a tax-exempt entity (such as a transit agency) transfers tax benefits to a tax-paying entity by transferring ownership of a depreciable asset, such as subway cars. The tax-exempt entity then leases the asset back from its new owner.

If the lease is terminated early, the tax-exempt entity must make an early termination payment to the lessor. A portion of this early termination payment is funded from monies that were pre-funded and invested at the closing of the leveraged lease transaction (along with earnings on those invested funds). The tax-exempt entity is obligated to pay the remaining, unfunded portion of this early termination payment (known as the strip coverage) from its own sources. AGM issued financial guaranty insurance policies (known as strip policies) that guaranteed the payment of these unfunded strip coverage amounts to the lessor,

in the event that a tax-exempt entity defaulted on its obligation to pay this portion of its early termination payment. AGM can then seek reimbursement of its strip policy payments from the tax-exempt entity, and can also sell the transferred depreciable asset and reimburse itself from the sale proceeds.

Currently, all the leveraged lease transactions in which AGM acts as strip coverage provider are breaching a rating trigger related to AGM and are subject to early termination. However, early termination of a lease does not result in a draw on the AGM policy if the tax-exempt entity makes the required termination payment. If all the leases were to terminate early and the tax-exempt entities do not make the required early termination payments, then AGM would be exposed to possible liquidity claims on gross exposure of approximately \$953 million as of December 31, 2016. To date, none of the leveraged lease transactions that involve AGM has experienced an early termination due to a lease default and a claim on the AGM policy. At December 31, 2016, approximately \$1.5 billion of cumulative strip par exposure had been terminated since 2008 on a consensual basis. The consensual terminations have resulted in no claims on AGM.

On July 1, 2009, AGM and Dexia Crédit Local S.A., acting through its New York Branch (Dexia Crédit Local (NY)), entered into a credit facility (the Strip Coverage Facility). Under the Strip Coverage Facility, Dexia Crédit Local (NY) agreed to make loans to AGM to finance all draws made by lessors on AGM strip policies that were outstanding as of November 13, 2008, up to the commitment amount.

There have never been any borrowings under the Strip Coverage Facility, the amount of the leveraged leases covered by the Strip Coverage Facility has declined since July 1, 2009 and to date none of the leveraged lease transactions in which AGM acts as the strip coverage provider has experienced an early termination due to a lease default. Consequently, and in view of the credit quality of the relevant tax-exempt entities and the cost of the Strip Coverage Facility, the Company determined that maintaining the Strip Coverage Facility was no longer warranted. On July 29, 2016, the parties terminated the Strip Coverage Facility.

### ***AGM CPS Securities***

In June 2003, \$200 million of AGM CPS, money market preferred trust securities, were issued by trusts created for the primary purpose of issuing the AGM CPS, investing the proceeds in high-quality commercial paper and selling put options to AGM, allowing AGM to issue the trusts non-cumulative redeemable perpetual preferred stock (the AGM Preferred Stock) of AGM in exchange for cash. There are four trusts, each with an initial aggregate face amount of \$50 million. These trusts hold auctions every 28 days, at which time investors submit bid orders to purchase AGM CPS. If AGM were to exercise a put option, the applicable trust would transfer the portion of the proceeds attributable to principal received upon maturity of its assets, net of expenses, to AGM in exchange for AGM Preferred Stock. AGM pays a floating put premium to the trusts, which represents the difference between the commercial paper yield and the winning auction rate (plus all fees and expenses of the trust). If an auction does not attract sufficient clearing bids, however, the auction rate is subject to a maximum rate of one-month LIBOR plus 200 basis points for the next succeeding distribution period. Beginning in August 2007, the AGM CPS required the maximum rate for each of the relevant trusts. AGM continues to have the ability to exercise its put option and cause the related trusts to purchase AGM Preferred Stock. The trusts provide AGM access to new capital at its sole discretion through the exercise of the put options. As of December 31, 2016 the put option had not been exercised.

See Note 6, Fair Value Measurement, -Other Assets-Committed Capital Securities, for a fair value measurement discussion.

## **16. Employee Benefit Plans**

### **Accounting Policy**

AGM participates in AGL's long term incentive plans. AGL follows the fair value recognition provisions for share based compensation expense. The Company is allocated its proportionate share of all compensation expense based on time studies conducted annually.

### **Assured Guaranty Ltd. 2004 Long-Term Incentive Plan**

Under the Assured Guaranty Ltd. 2004 Long-Term Incentive Plan, as amended (the Incentive Plan), the number of AGL common shares that may be delivered under the Incentive Plan may not exceed 18,670,000. In the event of certain transactions affecting AGL's common shares, the number or type of shares subject to the Incentive Plan, the number and type of shares subject to outstanding awards under the Incentive Plan, and the exercise price of awards under the Incentive Plan, may be adjusted.

The Incentive Plan authorizes the grant of incentive stock options, non-qualified stock options, stock appreciation rights, and full value awards that are based on AGL's common shares. The grant of full value awards may be in return for a participant's previously performed services, or in return for the participant surrendering other compensation that may be due, or may be contingent on the achievement of performance or other objectives during a specified period, or may be subject to a risk of forfeiture or other restrictions that will lapse upon the achievement of one or more goals relating to completion of service by the participant, or achievement of performance or other objectives. Awards under the Incentive Plan may accelerate and become vested upon a change in control of AGL.

The Incentive Plan is administered by the Compensation Committee of the Board of Directors of AGL, except as otherwise determined by the Board. The Board may amend or terminate the Incentive Plan. As of December 31, 2016, 10,232,649 common shares of AGL were available for grant under the Incentive Plan.

The Company recognized expenses of \$5 million and \$4 million for the years ended December 31, 2016 and 2015, respectively, under the Incentive Plan.

### ***Time Vested Stock Options***

Stock options are generally granted once a year with exercise prices equal to the closing price on the date of grant. To date, AGL has only issued non-qualified stock options. All stock options, except for performance stock options, granted to employees vest in equal annual installments over a three-year period and expire seven years or ten years from the date of grant. None of AGL's options, except for performance stock options, have a performance or market condition.

### ***Performance Stock Options***

Assured Guaranty grants performance stock options under the Incentive Plan. These awards are non-qualified stock options with exercise prices equal to the closing price of an AGL common share on the applicable date of grant. These awards vest 35%, 50% or 100%, if the price of AGL's common shares using the highest 40-day average share price during the relevant three-year performance period reaches certain hurdles. If the share price is between the specified levels, the vesting level will be interpolated accordingly. These awards expire seven years from the date of grant.

### ***Restricted Stock Awards***

Restricted stock awards are valued based on the closing price of the underlying shares at the date of grant. These restricted stock awards to employees generally vest in equal annual installments over a four-year period.

### ***Restricted Stock Units***

Restricted stock units are valued based on the closing price of the underlying shares at the date of grant. Restricted stock units generally vest in equal annual installments over a four-year period or fully vest after a three-year period.

### ***Performance Restricted Stock Units***

Assured Guaranty has granted performance restricted stock units under the Incentive Plan. These awards vest 35%, 50%, 100%, or 200%, if the price of AGL's common shares using the highest 40-day average share price during the relevant three-year performance period reaches certain hurdles. If the share price is between the specified levels, the vesting level will be interpolated accordingly.

### ***Employee Stock Purchase Plan***

Assured Guaranty established the AGL Employee Stock Purchase Plan (Stock Purchase Plan) in accordance with Internal Revenue Code Section 423, and participation is available to all eligible employees. Maximum annual purchases by participants are limited to the number of whole shares that can be purchased by an amount equal to 10% of the participant's compensation or, if less, shares having a value of \$25,000. Participants may purchase shares at a purchase price equal to 85% of the lesser of the fair market value of the stock on the first day or the last day of the subscription period. The Company recorded \$0.1 million and \$0.1 million in share-based compensation, after the effects of DAC, under the Stock Purchase Plan during the years ended December 31, 2016 and 2015, respectively.



## Defined Contribution Plan

Employees receive employer contributions into the AGC Employee Retirement Plan (AGC ERP) based on a fixed percentage of the employee's compensation and are eligible to make employee contributions and to receive matching employer contributions based on a percentage of compensation up to limits prescribed by Internal Revenue Code Section 401(k). Effective January 1, 2017, the plans name has changed to AG US Group Services Inc. Employee Retirement Plan (AGS ERP). Any amounts over the IRS limits are contributed to a nonqualified supplemental executive retirement plan. The Company recognized defined contribution expenses of \$5 million and \$5 million for the years ended December 31, 2016 and 2015, respectively.

## Cash-Based Compensation Plans

Assured Guaranty Ltd. maintains a Performance Retention Plan (PRP) that permits the grant of deferred cash based awards to selected employees. Generally, each PRP award is divided into three installments that vest over four years. The cash payment depends on growth in certain measures of intrinsic value and financial return defined in each PRP award agreement. The Company recognized performance retention plan expenses of \$6 million and \$5 million for the years ended December 31, 2016 and 2015, respectively, representing its proportionate share of the Assured Guaranty expense.

Assured Guaranty's executive officers are eligible to receive compensation under a non-equity incentive plan. The amount of compensation payable is subject to a performance goal being met. AGL's Compensation Committee then uses discretion to determine the actual amount of cash incentive compensation payable to each executive officer for such performance year based on factors and criteria as determined by the Compensation Committee of AGL, provided that such discretion cannot be used to increase the amount that was determined to be payable to each executive officer. For an applicable performance year, the Compensation Committee of AGL establishes target financial performance measures for AGL and individual non-financial objectives for the executive officers. Most employees other than executive officers are eligible to receive discretionary bonuses.

## 17. Other Comprehensive Income

The following tables present the changes in each component of AOCI and the effect of reclassifications out of AOCI on the respective line items in net income.

**Changes in Accumulated Other Comprehensive Income by Component**  
**Year Ended December 31, 2016**

	Net Unrealized Gains (Losses) on Investments with no Other-Than- Temporary Impairment	Net Unrealized Gains (Losses) on Investments with Other-Than- Temporary Impairment	Total Accumulated Other Comprehensive Income
	(in millions)		
Balance, December 31, 2015	\$ 133	\$ (23)	\$ 110
Other comprehensive income (loss) attributable to AGM before reclassifications	(82)	(16)	(98)
Amounts reclassified from AOCI to:			
Net realized investment gains (losses)	(7)	45	38
Net investment income	(3)	—	(3)
Tax (provision) benefit	4	(16)	(12)
Total amount reclassified from AOCI, net of tax	(6)	29	23
Net current period other comprehensive income (loss) attributable to AGM	(88)	13	(75)
Balance, December 31, 2016	\$ 45	\$ (10)	\$ 35

**Changes in Accumulated Other Comprehensive Income by Component**  
**Year Ended December 31, 2015**

	Net Unrealized Gains (Losses) on Investments with no Other-Than- Temporary Impairment	Net Unrealized Gains (Losses) on Investments with Other-Than- Temporary Impairment	Total Accumulated Other Comprehensive Income
	(in millions)		
Balance, December 31, 2014	\$ 186	\$ (2)	\$ 184
Other comprehensive income (loss) attributable to AGM before reclassifications	(48)	(37)	(85)
Amounts reclassified from AOCI to:			
Net realized investment gains (losses)	1	25	26
Net investment income	(9)	—	(9)
Tax (provision) benefit	3	(9)	(6)
Total amount reclassified from AOCI, net of tax	(5)	16	11
Net current period other comprehensive income (loss) attributable to AGM	(53)	(21)	(74)
Balance, December 31, 2015	\$ 133	\$ (23)	\$ 110

**18. Subsequent Events**

Subsequent events have been considered through March 17, 2017, the date on which these financial statements were issued.