# Consolidated Statement of Financial Condition

Nomura Securities International, Inc. (A subsidiary of Nomura Holding America Inc.) March 31, 2017 With Report of Independent Registered Public Accounting Firm UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB APPROVAL OMB Number: 3235-0123 Expires: May 31, 2017 Estimated average burden Hours per response....12.00

ANNUAL AUDITED REPORT
FORM X-17A-5
PART III

#### FACING PAGE

Information Required of Brokers and Dealers Pursuant to Section 17 of the Securities Exchange Act of 1934 and Rule 17a-5 Thereunder

REPORT FOR THE PERIOD BEGINNING <u>April 1, 2016</u> AND ENDING <u>March 31, 2017</u>

	A. REGISTRANT IDENTIFICATION	
NAME OF BROKER-DEALER: NO	MURA SECURITIES INTERNATIONAL, INC.	OFFICIAL USE ONL
ADDRESS OF PRINCIPAL PLACE	OF BUSINESS: (Do not use P.O. Box No.)	FIRM ID. NO.
WORLDWIDE PLAZA, 309	WEST 49 <sup>th</sup> STREET	
NEW YORK	(No. and Street) NEW YORK	10019-7316
(City)	(State)	(Zip Code)
	<sup>(State)</sup> R OF PERSON TO CONTACT IN REGARD TC	
NAME AND TELEPHONE NUMBE		THIS REPORT (212) 667-8903 (Area Code – Telephone No.)
NAME AND TELEPHONE NUMBER Christy Schaffner	R OF PERSON TO CONTACT IN REGARD TO	THIS REPORT (212) 667-8903 (Area Code – Telephone No.)
NAME AND TELEPHONE NUMBER Christy Schaffner INDEPENDENT PUBLIC ACCOUN Ernst & Young LLP	R OF PERSON TO CONTACT IN REGARD TO <b>B. ACCOUNTANT IDENTIFICATIOI</b> TANT whose opinion is contained in this Repor (Name – of individual, state last, first, middle name)	P THIS REPORT (212) 667-8903 (Area Code – Telephone No.) N
NAME AND TELEPHONE NUMBER Christy Schaffner	R OF PERSON TO CONTACT IN REGARD TO <b>B. ACCOUNTANT IDENTIFICATIOI</b> TANT whose opinion is contained in this Repor	THIS REPORT (212) 667-8903 (Area Code – Telephone No.)

✓ Certified Public Accountant

Public Accountant

□ Accountant not resident in United States or any of its possessions.

#### FOR OFFICIAL USE ONLY

\*Claims for exemption from the requirement that the annual report be covered by the opinion of an independent public accountant must be supported by a statement of facts and circumstances relied on as the basis for the exemption. See section 240.17a-5(e)(2).

SEC 1410 (06-02)

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8-15255

#### OATH OR AFFIRMATION

We, David Moser and Christopher Vickery, swear (or affirm) that, to the best of our knowledge and belief the accompanying statement of financial condition pertaining to the firm of Nomura Securities International, Inc., (the "Company") as of March 31, 2017, is true and correct. We further swear (or affirm) that based upon information available to us, neither the Company nor any partner, proprietor, principal officer or director has any proprietary interest in any account classified solely as that of a customer. The statement of financial condition of the Company is made available to all of the members and allied members of the New York Stock Exchange, Inc.

Name: David Moser Title: Chief Financial Officer

1. (<sup>1</sup>.

Name: Christopher Vickery Title: Chief Operations Officer

JOHN RICHARD BRAATZ NOTARY PUBLIC-STATE OF NEW YORK No. 02BR6344501 Qualified in New York County My Commission Expires 07-05-2020

This report\*\* contains (check all applicable boxes):

- ✓ (a) Facing page.
- ✓ (b) Statement of Financial Condition.

Notary Public

- □ . (c) Statement of Income (Loss).
- □ (d) Statement of Cash Flows.
- □ (e) Statement of Changes in Stockholders' Equity or Partners' or Sole Proprietor's Capital.
- □ (f) Statement of Changes in Liabilities Subordinated to Claims or Creditors.
- (g) Computation of Net Capital.
- □ (h) Formula for Determination of Customer Account Reserve Requirements of Brokers and Dealers under SEC Rule 15c3-3.
- (i) Formula for Determination of PAB Reserve Requirements of Brokers and Dealers under SEC Rule 15c3-3.
- □ (j) Information Relating to Possession or Control Requirements under SEC Rule 15c3-3.
- (k) A Reconciliation, including appropriate explanation, of the Computation of Net Capital under Rule 15c3-1 and the Computation for Determination of the Reserve Requirements under Exhibit A or Rule 15c3-3.
- (I) A Reconciliation between the audited and unaudited Statements of Financial Condition with respect to methods of consolidation.
- (m) An Oath or Affirmation.
- □ (n) A copy of the SIPC Supplemental Report.
- () A report describing any material inadequacies found to exist or found to have existed since the date of the previous audit.
- □ (p) Computation of CFTC Minimum Net Capital Requirement.
- (q) Schedule of Segregation Requirements and Funds in Segregation for Customers Trading on U.S. Commodity Exchanges.
- (r) Schedule of Segregation Requirements and Funds in Segregation for Customers' Dealer Options Accounts.
   (s) Statement of Secured Amounts and Funds Held in Separate Accounts for Foreign Futures and Foreign Options Customers pursuant to Commission Regulation 30.7.
- (t) Statement of Cleared Swaps Customer Segregation Requirements and Funds in Cleared Swaps Customer Accounts under 4D(F) of the Commodity Exchange Act.
- □ (u) Independent auditor's report on Internal Control.

\*\*For conditions of confidential treatment of certain portions of this filing, see section 240.17a-5(e)(3).

Consolidated Statement of Financial Condition

March 31, 2017

# Contents

Report of Independent Registered Public Accounting Firm	l
Consolidated Statement of Financial Condition	2
Notes to Consolidated Statement of Financial Condition	3



Ernst & Young LLP 5 Times Square New York, NY 10036-6530 Tel: +1 212 773 3000 Fax: +1 212 773 6350

#### **Report of Independent Registered Public Accounting Firm**

Stockholder and Board of Directors Nomura Securities International, Inc.

We have audited the accompanying consolidated statement of financial condition of Nomura Securities International, Inc. (the "Company") as of March 31, 2017. This financial statement is the responsibility of the Company's management. Our responsibility is to express an opinion on this financial statement based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the statement of financial condition is free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the statement of financial condition referred to above presents fairly, in all material respects, the consolidated financial position of Nomura Securities International, Inc. at March 31, 2017 in conformity with U.S. generally accepted accounting principles.

Ernst + Young LLP

May 25, 2017

## Consolidated Statement of Financial Condition

#### March 31, 2017

(Dollars in Thousands)

Assets

A350 13			
Cash and cash equivalents (\$8,613 related to consolidated variable interest			
entities, not available to the Company)		\$	2,379,101
Deposits with exchanges and cash segregated under federal and other regulations or requirements			779,306
Collateralized financing agreements:			
Securities purchased under agreements to resell (includes \$43,921 at fair value)	61,370,845		
Securities borrowed	19,854,767		
			81,225,612
Trading assets (\$6,815,721 were pledged to various parties and \$15,802 related			
to consolidated variable interest entities, not available to the Company)			54,758,233
Receivables:			
Brokers, dealers and clearing organizations	1,012,754		
Customers	948,810		
Interest and dividends	268,894		2 220 459
			2,230,458
Furniture, equipment, leasehold improvements and software, net (includes			
accumulated depreciation and amortization of \$64,326)			6,421
Other assets			131,199
Total assets		\$	141,510,330
Liabilities and stockholder's equity			
Liabilities:			
Collateralized financing agreements:			
Securities sold under agreements to repurchase (includes \$28,222 at fair value)	\$ 105,742,070		
Securities loaned	9,662,860		
		\$	115,404,930
Borrowings from Parent			1,264,483
Trading liabilities			15,171,829
Payables and accrued liabilities:			
Brokers, dealers and clearing organizations	2,221,551		
Customers	671,537		
Compensation and benefits	313,972		
Interest and dividends	129,268		
Other	185,295		
			3,521,623
Subordinated borrowings			3,150,000
Long term borrowings at fair value (relates to consolidated variable interest			
entities and are non-recourse to the Company)			15,624
Total liabilities			138,528,489
Commitments, contingent liabilities and guarantees (Note 10)			
Stockholder's equity:			
Common stock, without par value, 9,000 shares authorized, 5,984 shares			
issued and outstanding	-		
Additional paid-in capital	3,650,000		
Accumulated deficit	(668,159)		
Total stockholder's equity			2,981,841
Total liabilities and stockholder's equity		\$	141,510,330
		<u> </u>	,,

See accompanying Notes to Consolidated Statement of Financial Condition.

## Notes to Consolidated Statement of Financial Condition

#### 1. Organization

Nomura Securities International, Inc. ("NSI" or the "Company") is a wholly owned subsidiary of Nomura Holding America Inc. ("NHA" or the "Parent") which itself is wholly owned by Nomura Holdings, Inc. ("NHI" or "Nomura"), a Japanese corporation. This Consolidated Statement of Financial Condition include the accounts of NSI and variable interest entities where NSI has been determined to be the primary beneficiary.

The Company is a U.S. registered broker and dealer under the Securities Exchange Act of 1934 and a futures commission merchant with the Commodity Futures Trading Commission ("CFTC"). Financial Industry Regulatory Authority ("FINRA") is the Company's designated regulator. The Company is licensed to transact on the New York Stock Exchange ("NYSE") and is a member of other principal securities exchanges. The Company provides investment banking and brokerage services to institutional customers and enters into principal transactions for its own account.

On November 4, 2016, the Company transferred its United States ("U.S.") equity research and research sales services business to an affiliate, Instinet, LLC ("Instinet").

#### 2. Significant Accounting Policies

#### **Principles of Consolidation**

The Consolidated Statement of Financial Condition include the accounts of the Company and entities deemed to be variable interest entities ("VIEs") under Accounting Standards Codification ("ASC") 810-10-15, *Consolidations – Variable Interest Entities* ("ASC 810-10-15"), where the Company has been determined to be the primary beneficiary of such entities. At March 31, 2017, the Company is the primary beneficiary of a number of variable interest entities (see Note 13).

#### **Use of Estimates**

The Consolidated Statement of Financial Condition are presented in conformity with accounting principles generally accepted in the United States, which require management to make estimates and assumptions that affect the amounts reported in the Consolidated Statement of Financial Condition and accompanying notes. Management believes that the estimates utilized in preparing its Consolidated Statement of Financial Condition are reasonable and prudent. Actual results could differ from those estimates.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 2. Significant Accounting Policies (continued)

#### **Foreign Currency**

Assets and liabilities denominated in non-United States dollar currencies are remeasured into United States dollar equivalents at spot foreign exchange rates prevailing on the date of the Consolidated Statement of Financial Condition, while revenue and expense accounts are remeasured at the actual foreign exchange rate on the date the transaction occurred. Gains and losses resulting from non-United States dollar currency transactions are included in income.

#### Cash and Cash Equivalents

The Company defines cash equivalents to be highly liquid investments with original maturities of three months or less, other than those held for trading purposes. At March 31, 2017, cash equivalents of \$4 million consist of overnight investments in money market funds valued based on quoted net asset values, which approximate fair value.

#### **Securities Transactions**

Proprietary securities transactions in regular way trades are recorded on the Consolidated Statement of Financial Condition on trade date, along with related revenues and expenses. Proprietary securities transactions in which the settlement date is considered non-regular way, or extended, are accounted for as forward derivative transactions in between trade date and settlement date, with changes in fair value recorded in earnings in between trade date and settlement date.

Customers' securities transactions are recorded on a settlement date basis. Related revenues and expenses from customer securities transactions are recorded on a trade date basis.

#### **Fair Value Measurements**

A significant amount of the assets and liabilities of the Company are carried at fair value on a recurring basis with changes in fair value recognized in income under various accounting literature, principally applicable industry guidance, such as ASC 940, *Financial Services – Brokers and Dealers* ("ASC 940"), but also, ASC 815, *Derivatives and Hedging* ("ASC 815") and by the fair value option election in accordance with ASC 825, *Financial Instruments* ("ASC 825"). If the Company elects the fair value option for an eligible item, changes in that item's fair value in subsequent reporting periods must be recognized in current earnings.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 2. Significant Accounting Policies (continued)

The Company applies the fair value option for certain securities purchased under agreements to resell, certain securities sold under agreements to repurchase and long term borrowings of consolidated VIEs (see Notes 4 and 13).

ASC 820, *Fair Value Measurements and Disclosures* ("ASC 820") defines fair value, establishes a framework for measuring fair value, establishes a fair value hierarchy based on the quality of inputs used to measure fair value and determines disclosures associated with the use of fair value requirements (see Note 4).

Assets and liabilities recorded at fair value on the Consolidated Statement of Financial Condition are categorized for disclosure purposes, based upon the level of judgment associated with the inputs used to measure their fair value. Hierarchical levels are defined by ASC 820 and are directly related to the amount of subjectivity associated with the inputs to fair valuation of these assets and liabilities (see Note 4).

*Trading assets and trading liabilities*, including securities positions and contractual commitments arising pursuant to derivatives contracts, are recorded on the Consolidated Statement of Financial Condition at fair value, with unrealized gains and losses reflected in income.

Derivative financial instruments are presented on a net-by-counterparty basis where evidence that an enforceable legal right of setoff exists, in accordance with ASC 210-20, *Balance Sheet – Offsetting* ("ASC 210-20") and ASC 815-10-45, *Derivatives and Hedging – Overall – Other Presentation Matters* ("ASC 815-10-45"). The fair value is netted across products where allowable in the associated master netting agreements. Also, the Company generally offsets fair value amounts recognized for the right to reclaim cash collateral (a receivable) or the obligation to return cash collateral (a payable) against fair value amounts recognized for derivative instruments that are eligible for offset under the same master netting agreements.

#### **Transfers of Financial Assets**

The Company accounts for the transfer of a financial asset as a sale when it relinquishes control over the asset by meeting the following conditions outlined in ASC 860, *Transfers and Servicing* ("ASC 860"), (a) the asset has been isolated from the transferor (even in bankruptcy or other receivership), (b) the transferee has the right to pledge or exchange the asset received, or if the transferee is an entity whose sole purpose is to engage in securitization or asset-backed financing

## Notes to Consolidated Statement of Financial Condition (continued)

#### 2. Significant Accounting Policies (continued)

activities, if the holders of its beneficial interests have the right to pledge or exchange the beneficial interests held and (c) the transferror has not maintained effective control over the transferred asset.

In connection with its securitization activities, the Company utilizes special purpose entities ("SPEs") to securitize agency and non-agency mortgage-backed securities. The Company's involvement with SPEs includes structuring and underwriting, distributing and selling debt instruments and beneficial interests issued by SPEs to investors. The Company derecognizes financial assets transferred in securitizations provided that the Company has relinquished control over such assets and does not consolidate the SPE. The Company may obtain or retain an interest in the financial assets, including residual interests in the SPEs. Any such interests are accounted for at fair value and are included within *Trading assets* on the Consolidated Statement of Financial Condition with the change in fair value included in income.

#### **Collateralized Financing Agreements**

Securities purchased under agreements to resell ("resale agreements") and Securities sold under agreements to repurchase ("repurchase agreements") are treated as financing transactions and are carried at the amounts at which the securities will be subsequently resold or reacquired plus accrued interest, except for certain resale and repurchase agreements for which the Company has elected the fair value option.

Repurchase and resale agreements are presented on a net-by-counterparty basis on the Consolidated Statement of Financial Condition where net presentation is permitted by ASC 210-20. It is the Company's policy to take possession of securities collateralizing resale agreements. Similarly, counterparties take possession of the Company's securities collateralizing repurchase agreements.

Substantially all of these transactions are collateralized by United States government and agency securities. The Company monitors the market value of the underlying securities as compared to the related receivables or payables, including accrued interest and requests or returns additional collateral when deemed appropriate.

Securities borrowed and Securities loaned are included on the Consolidated Statement of Financial Condition at the amount of cash collateral advanced or received plus accrued interest. Securities borrowed transactions require the Company to deposit cash, letters of credit or other securities with the lender. With respect to Securities loaned, the Company receives collateral in the

## Notes to Consolidated Statement of Financial Condition (continued)

#### 2. Significant Accounting Policies (continued)

form of cash or other securities. When securities or letters of credit are pledged as collateral for securities borrowed, such transactions are not recorded on the Consolidated Statement of Financial Condition. The Company monitors the market value of the securities borrowed or loaned against the collateral on a daily basis and additional cash or securities are obtained or refunded, as necessary, to ensure that such transactions are adequately collateralized for the Company's risk management purposes. In accordance with ASC 860, when the Company acts as the lender in a securities lending agreement and receives securities as collateral that can be repledged or sold, it recognizes the amounts received and a corresponding obligation to return them.

#### **Receivables from and Payables to Customers**

Receivables from and payables to customers primarily include amounts due on delivery versus payment / receipt versus payment, customer fails, margin and cash transactions. Securities owned by customers are held as collateral for these receivables.

#### Furniture, Equipment, Leasehold Improvements and Software

*Furniture, equipment, leasehold improvements and software, net,* is carried at cost less accumulated depreciation and amortization on the Consolidated Statement of Financial Condition.

Depreciation and amortization are recorded on a straight-line basis over the estimated useful lives of the related assets. The estimated useful life of furniture and equipment is five to seven years. Certain internal and external direct costs of developing applications and obtaining software for internal use are capitalized and amortized, generally over five years. Leasehold improvements are amortized over the lesser of their economic useful lives or the terms of the underlying leases, which range from one to twenty years.

Software includes capitalized software for internal use of \$0.2 million, net of accumulated amortization of \$8.5 million at March 31, 2017.

#### **Memberships in Exchanges**

Memberships in exchanges, which represent rights to conduct business on securities exchanges or ownership interests in the exchanges associated with such rights (approximately \$12.1 million), are included in *Other assets* on the Consolidated Statement of Financial Condition.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 2. Significant Accounting Policies (continued)

These memberships are recorded at cost or, if an other than temporary impairment in value has occurred, at a value that reflects an adjustment for management's estimate of the impairment (See Note 4).

#### **Revenue Recognition**

Interest and dividends revenues are earned primarily from *Cash and cash equivalents*, *Trading assets*, and *Collateralized financing agreements* and are accounted for on an accrual basis. Dividends are recorded on an ex-dividend date basis.

Principal transactions revenues primarily consist of revenues related to realized and unrealized gains and losses on securities and derivative financial instruments.

Commissions consist principally of fees charged to clients, primarily institutions and affiliates, for the execution of trades made on their behalf and are recorded on a trade date basis as securities transactions occur.

The Company earns fees for certain operational and administrative services provided to related parties; these fees are determined under a service level agreement. Revenues are recognized as charged and are accounted for on an accrual basis within income. (see Note 11).

Investment banking, net includes fees arising from securities offerings in which the Company acts as an underwriter or selling agent, loan syndication fees or from other corporate advisory services and are recognized when services for the transactions are determined to be completed and the income is deemed reasonably determinable. These amounts are reported net of fees shared with other affiliates who participate in these transactions. Transaction-related expenses, primarily consisting of legal, travel and other costs directly associated with the transaction, are deferred and recognized in the same period as the related investment banking transaction revenue. Underwriting revenues are presented net of related expenses. Non-reimbursed expenses associated with advisory transactions, net of client reimbursements are recorded within income.

Other revenues primarily includes revenues related to research services provided by the Company through November 14, 2016, when the Company's research business was transferred to an affiliate.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 2. Significant Accounting Policies (continued)

#### Expenses

Interest and dividends expense is incurred primarily on *Collateralized financing agreements, Trading liabilities, Borrowings from Parent* and *Subordinated borrowings* and is accounted for on an accrual basis. Dividends are recorded on an ex-dividend date basis.

Service fees with related parties includes costs for operational and administrative functions outsourced to affiliated companies, primarily NHA. These fees are determined under either service agreements or an allocation method approved by management (see Note 11). Service fees with related parties also includes certain deductions from amounts that are received under the transaction services agreement described in Note 11.

#### **Income Taxes**

Certain income and expense items are accounted for in different periods for income tax purposes as compared to financial reporting purposes. Provisions for deferred taxes are made in recognition of these temporary differences in accordance with the provisions of ASC 740, *Income Taxes* ("ASC 740").

ASC 740 also provides guidance and prescribes a recognition threshold and measurement attribute for financial statement recognition and measurement of uncertain tax positions (see Note 12).

The Company's policy is to treat interest and/or penalties related to income tax matters and uncertain tax positions as part of pretax income.

#### **New Accounting Pronouncements**

The Company adopted the following new accounting pronouncements during the year ended March 31, 2017.

# Notes to Consolidated Statement of Financial Condition (continued)

Pronouncement	Summary of new guidance	Actual adoption date and method of adoption	Effect on these consolidated financial statements
ASU 2015-02, "Amendments to the Consolidation Analysis"	<ul> <li>Simplifies complex consolidation guidance in ASC 810 "Consolidation" by eliminating the legacy variable interest consolidation model applied to certain investment companies, money market funds, qualifying real estate funds and similar entities.</li> <li>Provides a new consolidation exception for certain registered money market funds and similar entities.</li> <li>Modifies the evaluation of whether limited partnerships and similar legal entities are variable interest entities or voting interest entities under ASC 810.</li> <li>Modifies how fee arrangements and related party relationships should be considered in determining whether a variable interest entity should be consolidated.</li> <li>Requires new footnote disclosures regarding financial support arrangements with certain registered money market funds and similar entities to which the exception from consolidation has been applied.</li> </ul>	Modified retrospective adoption from April 1, 2016.	No impact.
ASU 2014-13, "Measuring the Financial Assets and the Financial Liabilities of a Consolidated Collateralized Financing Entity"	<ul> <li>Provides an alternative method for measuring both financial assets and liabilities of consolidated collateralized financing entity by using either the fair value of the financial assets or financial liabilities, whichever is more observable.</li> <li>Requires certain new qualitative footnote disclosures where the alternative method is applied.</li> </ul>	Modified retrospective adoption from April 1, 2016.	No impact.

## 2. Significant Accounting Policies (continued)

# Notes to Consolidated Statement of Financial Condition (continued)

### 2. Significant Accounting Policies (continued)

Pronouncement	Summary of new guidance	Actual adoption date and method of adoption	Effect on these consolidated financial statements
ASU 2014-12, "Accounting for Share-Based Payments When the Terms of an Award Provide That a Performance Target Could be Achieved after the Requisite Service Period"	• Clarifies a performance target that affects vesting and that could be achieved after the requisite service period is accounted for as a performance condition.	Prospective adoption from April 1, 2016.	No impact.

## **Future Accounting Pronouncements**

The following new accounting pronouncements relevant to the Company will be adopted in future periods:

# Notes to Consolidated Statement of Financial Condition (continued)

## 2. Significant Accounting Policies (continued)

Pronouncement	Summary of new guidance	Expected adoption date and method of adoption	Expected effect on these consolidated financial statements
ASU 2016-09 "Improvements to Employee Share-Based Payment Accounting"	<ul> <li>Allows an accounting policy election to be made to either account for forfeitures when they occur or to include estimated forfeitures in compensation expense recognized during a reporting period.</li> <li>Requires all associated excess tax benefits to be recognized as an income tax benefit through earnings rather than as additional paid-in capital with excess tax deficiencies recognized as income tax expense rather than as an offset of excess tax benefits, if any.</li> <li>Requires recognition of excess tax benefit reduces taxes payable in the current reporting period.</li> </ul>	Modified retrospective or prospective adoption from April 1, 2017 depending on the nature of the accounting change.	No impact.
ASU 2014-09, "Revenue from Contracts with Customers" <sup>(2)</sup>	<ul> <li>Replaces existing revenue recognition guidance in ASC 605 "Revenue Recognition" and certain industry-specific revenue recognition guidance.</li> <li>Requires an entity to recognize the amount of revenue to which it expects to be entitled for the transfer of promised goods or services to customers.</li> <li>Specifies the accounting for costs to obtain or fulfill a customer contract.</li> <li>Revises existing guidance for principal-versus- agency determination.</li> <li>Requires extensive new footnote disclosures around nature and type of revenue from services provided to customers.</li> </ul>	Full or modified retrospective adoption from April 1, 2018.	The Company anticipates that certain costs which are currently presented within net revenue (primarily investment banking revenue) will instead be presented on a gross basis within expense. Based on implementation work to date, the Company does not expect that the ASU will have a material impact on the consolidated financial statements, although the Company expects to make additonal footnote disclosures.
ASU 2016-02, "Leases"	<ul> <li>Replaces ASC 840 "Leases", the current guidance on lease accounting, and revised the definition of a lease.</li> <li>Requires all lessees to recognize a right of use ("ROU") asset and corresponding lease liability on balance sheet.</li> <li>Lessor accounting is largely unchanged from current guidance.</li> <li>Simplifies the accounting for sale leaseback and "build-to-suit" leases.</li> <li>Requires extensive new qualitative and quantitative footnote disclosures on lease arrangements.</li> </ul>	Modified retrospective adoption from April 1, 2019. <sup>(1)</sup>	The Company expects a gross up on its consolidated statement of financial condition upon recognition of the right of use assets and lease liabilities and does not expect the amount of the gross up to have a material impact on its financial condition.

## Notes to Consolidated Statement of Financial Condition (continued)

## 2. Significant Accounting Policies (continued)

Pronouncement	Summary of new guidance	Expected adoption date and method of adoption	Expected effect on these consolidated financial statements
ASU 2016-15,	<ul> <li>Provides guidance on the disclosure</li> </ul>	Prospective adoption	Currently evaluating the
"Classification of Certain	and classification of certain items within	from April 1, 2018. <sup>(1)</sup>	potential impact.
Cash Receipts and Cash	the statement of cash flows, including		
Payments"	beneficial interests obtained in a		
	securitization of financial assets, cash payments for settlements of zero-coupon		
	debt instruments and debt prepayment or		
	extingishment costs and distrbutions		
	received from equity-method investees.		
ASU 2016-18 "Restricted Cash"	<ul> <li>Requires that cash segregated for regulatory and other purposes be included in cash and cash equivalents disclosed in the statement of cash flows.</li> </ul>	Retrospective adoption from April 1, 2018. <sup>(1)</sup>	Currently evaluating the potential impact.

(1) Unless the Company early adopts.

(2) As subsequently amended by ASU 2015-14 "Revenue from Contracts with Customers—Deferral of the Effective Date", ASU 2016-08 "Revenue from Contracts with Customers—Principal versus Agent Considerations", ASU 2016-10 "Revenue from Contracts with Customers—Identifying Performance Obligations and Licensing", ASU 2016-12 "Revenue from Contracts with Customers—Narrow-Scope Improvements and Practical Expedients" and ASU 2016-20 "Technical Corrections and Improvements to Topic 606, Revenue from Contracts with Customers".

# **3.** Deposits with exchanges and cash segregated under federal and other regulations or requirements

Deposits with exchanges and cash segregated under federal and other regulations or requirements, includes deposits with clearing organizations and customers' deposits segregated pursuant to Federal and other regulations.

Cash of approximately \$122.1 million and securities of \$537.8 million have been segregated on behalf of securities customers pursuant to the reserve formula requirements of Securities and Exchange Commission ("SEC") Rule 15c3-3. The segregated securities were sourced from a resale agreement and trading assets owned on the Consolidated Statement of Financial Condition.

Cash of \$109.4 million and securities of \$262.6 million have been segregated on behalf of Proprietary Accounts of Brokers ("PAB") under the SEC Requirements of 15c3-3. The segregated securities were sourced from resale agreements and trading assets owned on the Consolidated Statement of Financial Condition.

## Notes to Consolidated Statement of Financial Condition (continued)

# **3.** Deposits with exchanges and cash segregated under federal and other regulations or requirements (continued)

Cash of approximately \$291.1 million and \$17.3 million is segregated pursuant to CFTC Regulations 1.20 and 30.7, respectively, and represent funds accruing to customers as a result of trades or contracts. Cash of \$239.4 million was deposited with clearing organizations to satisfy the Company's guaranty deposit requirements as a clearing member of such organizations. These amounts are determinable by such clearing organizations and are subject to change.

#### 4. Fair Value Measurements

#### The Fair Value of Financial Instruments

A significant amount of the Company's financial instruments are carried at fair value. Financial instruments that are carried at fair value on a recurring basis include *Trading assets* and *Trading liabilities*. Additionally, the Company applies the fair value option for certain *Securities purchased under agreements to resell*, *Securities sold under agreements to repurchase* and all long-term borrowings issued by consolidated VIEs.

Other financial instruments are measured at fair value on a nonrecurring basis, where the primary measurement basis is not fair value but where fair value is used in specific circumstances after initial recognition, such as to measure impairment.

In all cases, fair value is determined in accordance with ASC 820, which defines fair value as the amount that would be exchanged to sell a financial asset or transfer a financial liability in an orderly transaction between market participants at the measurement date. It assumes the transaction occurs in the Company's principal market, or in the absence of the principal market, the most advantageous market for the relevant financial asset or liability.

# Valuation Methodology for Financial Instruments Carried at Fair Value on a Recurring Basis

The fair value of financial instruments is based on quoted market prices including market indices, broker or dealer quotations or an estimation by management of the expected exit price under current market conditions. Certain OTC contracts have bid and offer prices that are observable in the market. These are measured at the point within the bid-offer range which best represents the Company's estimate of fair value. Where quoted market prices or broker or dealer quotations are not available, prices for similar instruments or valuation pricing models are considered in the determination of fair value. Where quoted prices are available in active markets,

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

no valuation adjustments are taken to modify the fair value of assets or liabilities that are marked using such prices.

Certain instruments may be measured using valuation techniques, such as valuation pricing models incorporating observable parameters, unobservable parameters or a combination of both. Valuation pricing models use parameters which would be considered by market participants in valuing similar financial instruments.

Valuation pricing models and their underlying assumptions impact the amount of unrealized gains and losses recognized. The use of different valuation pricing models or underlying assumptions could produce different financial results. Valuation uncertainty results from a variety of factors, including the valuation technique or model selected, the quantitative assumptions used within the valuation model, the inputs into the model, as well as other factors. Valuation adjustments are used to reflect the assessment of this uncertainty. Common valuation adjustments include model reserves, credit adjustments, close-out adjustments, and other appropriate instrument-specific adjustments, such as those to reflect transfer or sale restrictions. As of March 31, 2017, there were no model reserves recorded.

The degree of adjustments is largely judgmental and is based on an assessment of the factors that management believes other market participants would use in determining the fair value of similar financial instruments. The type of adjustments taken, the methodology for the calculation of these adjustments and the inputs for these calculations are reassessed periodically to reflect current market practice and the availability of new information.

For example, the fair value of certain financial instruments includes adjustments for credit risk; both with regards to counterparty credit risk on positions held and the Company's own creditworthiness on positions issued. Credit risk on financial assets is significantly mitigated by credit enhancements such as collateral and netting arrangements. Any net credit exposure is measured using available and applicable inputs for the relevant counterparty. The same approach is used to measure the credit exposure on the Company's financial liabilities as is used to measure counterparty credit risk on the Company's financial assets.

Valuation pricing models are calibrated to the market on a regular basis by comparison to observable market pricing, comparison with alternative model and analysis of risk profiles and inputs used are adjusted for current market conditions and risk. The Model Validation Group within the Risk management division reviews pricing models and assesses model appropriateness

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

and consistency independently of the front office. The model reviews consider a number of factors about a model's suitability for valuation and sensitivity of the models used for a particular product.

#### **Fair Value Hierarchy**

All financial instruments measured at fair value, including those carried at fair value using the fair value option, have been categorized into a three-level hierarchy (the "fair value hierarchy") based on the transparency of valuation inputs used by the Company to estimate fair value. A financial instrument is classified in the fair value hierarchy based on the lowest level of input that is significant to the fair value measurement of the financial instrument. The three levels of the fair value hierarchy are defined as follows, with Level 1 representing the most transparent inputs and Level 3 representing the least transparent inputs:

Level 1 – Unadjusted quoted prices for identical financial instruments in active markets accessible by the Company at the measurement date are classified as Level 1. Examples are listed equity securities on the New York Stock Exchange.

Level 2 – Inputs other than quoted prices included within Level 1 that either are observable for the asset or liability, directly or indirectly are classified as Level 2. If the asset or liability has a specified (contractual or redemption) term, a Level 2 input must be observable for substantially the full term (contractual life) of the asset or liability. An example of a Level 2 instrument is an interest rate swap contract between a short-term floating interest rate and a fixed interest rate.

*Level 3* – Financial assets and financial liabilities whose values are based on unobservable inputs are classified as Level 3. Unobservable inputs are based on the Company's own assumptions about the estimates used by other market participants in valuing similar financial instruments. These financial assets and financial liabilities are classified as Level 3, if such unobservable inputs have more than an insignificant impact on the fair value measurement of an instrument. Examples are certain collateralized loan obligations and asset-backed securities valued using significant unobservable parameters.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

Financial instruments are classified in their entirety based on the lowest level of input that is significant to the fair value measurement of the instruments. As a result, a financial instrument valued using a combination of Level 1, 2 and 3 inputs would be classified as a Level 3 financial asset or liability where the Level 3 inputs are significant to its measurement.

As explained above, the valuation of Level 3 financial assets and liabilities is dependent on certain parameters which cannot be observed or corroborated in the market. This can be the case if, for example the specific financial instrument is traded in an inactive market.

Common characteristics of an inactive market can include a low number of transactions of the financial instrument; stale or non-current price quotations; price quotations that vary substantially either over time or among market makers; or little publicly released information. Typical unobservable parameters can include volatility skews and correlation risk for derivative instruments, and refinancing periods, loss severities and recovery rates for credit related products and loans.

The following table presents information about the Company's financial assets and financial liabilities measured at fair value on a recurring basis, as of March 31, 2017, within the fair value hierarchy (dollars in thousands):

# Notes to Consolidated Statement of Financial Condition (continued)

## 4. Fair Value Measurements (continued)

Level 1     Level 2     Level 3     Netting <sup>(1)</sup> T       Assets     Trading Assets:       Mortgage-backed securities:	<b>Total</b> 33,191,143 210,969
	210,969
Mort gage-backed securities:	210,969
Residential mortgage-backed securities - agency \$ - \$ 33,191,143 \$ - \$ - \$ 3	210,969
Residential mortgage-backed securities - non-agency - 210,969	,
Commercial mortgage-backed securities	39
	17,576,376
Equity securities 1,301,990 352,102 12,289 -	1,666,381
Bank and Corporate Debt Securities: <sup>(2)</sup> - 1,146,941 164,866 -	1,311,807
Corporate and other loans <sup>(3)</sup> - 15,297	15,297
Asset-backed securities - 25,399	25,399
Collateralized debt/loan obligations - 300,757 207,079 -	507,836
Derivative instruments:	201,020
Equity contracts - 756,111	756,111
Interest rate contracts 7,254 452,228	459,482
Credit contracts - 184,248 170 -	184,418
Foreign exchange contracts - 7,570	7,570
Commodity Contracts 684	684
	(1,155,279)
Total derivatives         7,938         1,400,157         170         (1,155,279)	252,986
Total Trading assets         \$ 15,669,826         \$ 39,859,243         \$ 384,443         \$ (1,155,279)         \$ 39,859,243	54,758,233
Securities purchased under agreements to resell <sup>(4)</sup> <u>\$ - \$ 43,921 \$ - \$</u>	43,921
Liabilities	
Trading Liabilities:	
U.S. and foreign government and agency securities \$ 10,222,005 \$ 1,537,743 \$	11,759,748
Equity securities 1,417,007 63,755	1,480,762
Bank and corporate debt securities - 832,816	832,816
Derivative instruments:	1 2 4 2 2 0 1
Equity contracts         -         1,343,281         -         -         -           Interest rate contracts         2.377         682.296         -         -         -	1,343,281 684,673
Credit contracts 2,577 082,290	234,103
Foreign exchange contracts - 1,446	1,446
Commodity contracts 432	432
Netting (1,190,379)	(1,190,379)
Total derivatives         2,809         2,261,126         -         (1,190,379)	1,073,556
Residential mortgage-backed securities - non-agency - 2,484	2,484
Collateralized debt/loan obligations - 12,900 9,563 -	22,463
Total Trading liabilities         \$ 11,641,821         \$ 4,710,824         \$ 9,563         \$ (1,190,379)         \$	15,171,829
Securities sold under agreements to repurchase <sup>(4)</sup> - 28,222 -	28,222
Long term borrowings at fair value (3)(4) \$ - \$ 15,624 \$ - \$ - \$	15,624

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

<sup>(1)</sup> The amount offset under counterparty netting of derivative assets and liabilities and cash collateral netting against derivatives.
 <sup>(2)</sup> Includes \$505 classified in Level 2 related to consolidated variable interest entities.
 <sup>(3)</sup> All related to consolidated variable interest entities.

<sup>(4)</sup> Items for which the Company elected the Fair value option under ASC 825.

#### Valuation Methodology by Major Class of Financial Asset and Liability

The valuation methodology used by the Company to estimate fair value of major classes of financial assets and financial liabilities, together with the significant inputs which determine their classification in the fair value hierarchy, is as follows:

Residential mortgage-backed securities ("RMBS") and Commercial mortgage-backed securities ("CMBS") – The fair value of RMBS and CMBS is primarily determined using discounted cash flow ("DCF") valuation techniques, but also using quoted market prices and recent market transactions of identical or similar securities, if available. The significant valuation inputs include yields, prepayment rates, default probabilities and loss severities. RMBS and CMBS securities are generally classified in Level 2 because these valuation inputs are observable or market-corroborated. Certain RMBS positions are classified in Level 3 because they are traded infrequently and there is insufficient information from comparable securities to classify them as Level 2, or the loss severities used in DCF valuations are unobservable.

U.S. and foreign government and agency securities - U.S. government securities are valued using quoted market prices, broker or dealer quotations, or alternative pricing sources. These securities are generally traded in active markets and therefore are classified within Level 1 of the fair value hierarchy. Some foreign government securities are valued using similar pricing sources but may be classified as Level 2 or 3 where they trade in less active markets. Agency securities are valued using similar pricing sources but are generally classified as Level 2 as they are often traded in less active markets. Certain agency securities may be classified as Level 1 because they trade in active markets and there is sufficient information from a liquid market to classify them as Level 1.

Equity Securities – Equity securities include direct holdings of both listed and unlisted equity securities, and fund investments. Listed equity securities are valued using quoted prices for identical securities from active markets where available, in which case they are classified as Level 1. The Company determines whether the market is active depending on the sufficiency and frequency of trading of the security. Listed equities traded in inactive markets are valued using the exchange price as adjusted to reflect liquidity and bid offer spreads and are classified in Level 2.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

Unlisted equity securities can be valued using either a DCF or market multiple valuation technique and are usually classified in Level 3 because significant valuation inputs such as yields and liquidity discounts are unobservable. Market multiple valuation techniques include comparable ratios such as enterprise value / earnings before interest, taxes, depreciation and amortization ("EV/EBITDA") based on relationships between numbers reported in the Consolidated Statement of Financial Condition of the investee and the price of comparable companies. A liquidity discount might also be applied to reflect the specific characteristics of the investee.

*Bank and corporate debt securities* – The fair value of bank and corporate debt securities is primarily determined using DCF valuation techniques and also using broker or dealer quotations and recent market transactions of identical or similar debt securities, if available. Consideration is given to the nature of the broker and dealer quotations, namely whether these are indicative or executable, the number of available quotations and how these quotations compare to any available recent market activity or alternative pricing sources. The significant valuation inputs used for DCF valuations are yield curves, asset swap spreads, recovery rates and credit spreads of the issuer. Bank and corporate debt securities are generally classified in Level 2 of the fair value hierarchy because these valuation inputs are usually observable or market-corroborated. Certain bank and corporate debt securities will be classified in Level 3 because they are traded infrequently and there is insufficient information from comparable securities to classify them in Level 2, where credit spreads of the issuer and/or recovery rates used in DCF valuations are unobservable.

*Corporate and Other Loans* – The fair value of loans is determined using quoted or consensus prices. Loans are generally classified in Level 2 of the fair value hierarchy because all significant valuation inputs are observable.

Asset-backed securities ("ABS") – The fair value of ABS may be based on price or spread data obtained from observed transactions or independent external parties such as vendors or brokers. When position-specific external price data are not observable, the fair value determination may require benchmarking to similar instruments and/or analyzing expected credit losses, default and recovery rates. In evaluating the fair value of each security, the Company considers security collateral-specific attributes including payment priority, credit enhancement levels, type of collateral, delinquency rates, prepayment rates and loss severity. ABS are generally categorized in Level 2 of the fair value hierarchy. If external prices or significant spread inputs are unobservable or if the comparability assessment involves significant subjectivity related to property type

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

differences, cash flows, performance and other inputs, then these securities are categorized in Level 3 of the fair value hierarchy.

*Collateralized debt/loan obligations* ("CDOs"/"CLOs") – The fair value of CDOs/CLOs is primarily determined using DCF valuation techniques and also using broker or dealer quotations and recent market transactions of identical or similar securities, if available. Consideration is given to the nature of the broker and dealer quotations, namely whether these are indicative or executable, the number of available quotations and how these quotations compare to any available recent market activity or alternative pricing sources. The significant valuation inputs used include market spread data for each credit rating, prepayment rates, default probabilities and loss severities. CDOs/CLOs are generally classified in Level 2 of the fair value hierarchy because these valuation inputs are observable or market-corroborated. CDOs/CLOs are classified in Level 3 where one or more of the significant valuation inputs used in the DCF valuations is unobservable. Examples of such unobservable significant inputs are yields, prepayment rates, default probabilities and loss severities and loss severities.

Derivatives – Equity contracts – The Company enters into both exchange-traded and OTC equity derivative transactions such as index and equity options, equity basket options and index and equity swaps. Where exchange-traded equity derivatives are traded in active markets and fair value is determined using an unadjusted exchange price, these derivatives are classified in Level 1 of the fair value hierarchy. In practice, exchange-traded equity derivatives are valued using option models and are classified in Level 2. Use of a model valuation is more representative of fair value than exchange price because of the higher volume and frequency of trading in the underlying equity instruments. As of March 31, 2017, all exchange-traded equity derivatives were classified as Level 2. The fair value of OTC equity derivatives is determined through option models such as Black-Scholes and Monte Carlo simulation. The significant valuation inputs used include equity prices, dividend yields, volatilities and correlations. Valuation adjustments are also made to model valuations in order to reflect counterparty credit risk on derivative assets and the Company's own creditworthiness on derivative liabilities. OTC equity derivatives are generally classified in Level 2 because all significant valuation inputs and adjustments are observable or market-corroborated. Certain longer-dated or more complex equity derivatives would be classified as Level 3 where dividend yield, volatility or correlation valuation inputs are significant and unobservable.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

Derivatives - Interest rate contracts - The Company enters into both exchange-traded and OTC interest rate derivative transactions such as interest rate swaps, interest rate options, forward rate agreements, swaptions, caps and floors, as well as extended settle forward purchases and sales of U.S. agency RMBS securities and to-be-announced ("TBA") securities. The fair value of exchange-traded interest rate derivatives is often determined using an unadjusted exchange price. These derivatives are traded in active markets and therefore are classified in Level 1 of the fair value hierarchy. Where these derivatives are not valued at the exchange price due to timing differences, or if marked to theoretical prices such as in the case of listed options, they are classified in Level 2. As of March 31, 2017, no exchange traded interest rate contracts were classified as Level 2. The fair value of OTC interest rate derivatives is determined through DCF valuation techniques as well as option models such as Black-Scholes and Monte Carlo simulation. The significant valuation inputs used include interest rates, forward foreign exchange ("FX") rates, volatilities and correlations. Valuation adjustments are also made to model valuations in order to reflect counterparty credit risk on derivative assets and the Company's own creditworthiness on derivative liabilities. OTC interest rate derivatives are generally classified in Level 2 because all significant valuation inputs and adjustments are observable or market-corroborated.

*Derivatives* – *Credit contracts* – The Company enters into OTC credit derivative transactions such as credit default swaps and credit options on single names, indices or baskets of assets. The fair value of OTC credit derivatives is determined through DCF valuation techniques as well as option models such as Black-Scholes and Monte Carlo simulation. The significant valuation inputs used include interest rates, credit spreads, recovery rates, loss severities, default probabilities, volatilities and correlations. Valuation adjustments are also made to model valuations in order to reflect counterparty credit risk on derivative assets and the Company's own creditworthiness on derivatives liabilities. OTC credit derivatives are generally classified in Level 2 of the fair value hierarchy because all significant valuation inputs and adjustments are observable or market-corroborated. *Derivatives* – *Credit contracts* also include unrealized gains and losses on an extended unsettled sale of a CLO security, which itself is a Level 3 security, which is valued in accordance with CDOs/CLOs as described above.

*Derivatives – Foreign exchange contracts –* The Company may enter into both exchange-traded and OTC FX derivative transactions such as FX forwards, cross currency swaps and currency options. The fair value of exchange-traded FX derivatives is primarily determined using an

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

unadjusted exchange price. These derivatives are traded in active markets and therefore are classified in Level 1 of the fair value hierarchy when exchange prices are used. Where these derivatives are not valued at the exchange price due to timing differences, they are classified in Level 2. As of March 31, 2017, the Company did not hold any exchange-traded FX derivatives. The fair value of OTC FX derivatives is determined through DCF valuation techniques as well as option models such as Black-Scholes and Monte Carlo simulation. The significant valuation inputs used include interest rates, forward FX rates, spot FX rates and volatilities. Valuation adjustments are also made to model valuations in order to reflect counterparty credit risk on derivative assets and the Company's own creditworthiness on derivative liabilities. OTC FX derivatives are generally classified in Level 2 because all significant valuation inputs and adjustments are observable or market-corroborated.

*Derivatives* – *Commodity contracts* – The Company enters into exchange-traded commodity derivative transactions such as commodity options. The fair value of exchange-traded commodity derivatives is determined using an unadjusted exchange price. These derivatives are traded in active markets and therefore are classified in Level 1 of the fair value hierarchy.

Securities purchased under agreements to resell / Securities sold under agreements to repurchase – The resale/repurchase agreements carried at fair value are agreements elected for the fair value option. The fair value of these financial instruments is primarily determined using DCF valuation techniques. The significant valuation inputs used include interest rates and collateral funding spreads such as general collateral or special rates. Resale/Repurchase agreements are generally classified in Level 2 of the fair value hierarchy where these valuation inputs are observable. Where valuation inputs are unobservable they are classified in Level 3 of the fair value hierarchy.

*Long term borrowings at fair value* – Long term borrowings carried at fair value are elected for the fair value option. These liabilities are debt of consolidated VIEs which are valued consistently with the way the Company values its own inventory and are classified in Levels 2 and 3, as applicable. These liabilities do not provide recourse to the Company; therefore no adjustment is made to reflect the Company's own creditworthiness.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

#### Valuation Processes

In order to ensure the appropriateness of any fair value measurement of a financial instrument used within this Consolidated Statement of Financial Condition, including those classified as Level 3 within the fair value hierarchy, the Company operates a governance framework which mandates determination or validation of a fair value measurement by control and support functions independent of the trading businesses assuming the risk of the financial instrument. Such functions within the Company with direct responsibility for either defining, implementing or maintaining valuation policies and procedures are as follows:

- The Product Control Valuations Group ("PCVG") has primary responsibility for determining and implementing valuation policies and procedures in connection with the determination of fair value measurements. In particular, this group will ensure that valuation policies are documented for each type of financial instrument in accordance with United States generally accepted accounting principles ("US GAAP"). While it is the responsibility of front office traders in the Company's trading businesses to price its financial instruments, the PCVG is responsible for independently verifying or validating these prices. In the event of a difference in opinion or where the estimate of fair value requires judgment, the valuation used within this Consolidated Statement of Financial Condition is made by senior management independent of the trading businesses. The PCVG reports to the Head of Product Control and ultimately to the NHA Chief Financial Officer;
- The Accounting Policy Group defines the Company's accounting policies and procedures in accordance with US GAAP, including those associated with determination of fair value under ASC 820 and other relevant US GAAP pronouncements. This group reports to the NHA Chief Financial Officer;
- The Model Validation Group ("MVG") within the Risk Management Division validates the appropriateness and consistency of pricing models used to determine fair value measurements independently of those who design and build the models. This group reports to the NHA Chief Risk Officer.

The fundamental components of this governance framework over valuation processes within the Company, particularly around Level 3 financial instruments, are the procedures in place around independent price verification, pricing model validation and revenue substantiation.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

#### Independent Price Verification Processes

The key objective of the independent price verification processes within the Company is to verify the appropriateness of fair value measurements applied to all financial instruments within the Company. In applying these control processes, observable inputs are used whenever possible and when unobservable inputs are necessary, the processes seek to ensure the valuation methodology and inputs are appropriate, reasonable and consistently applied.

The independent price verification processes aim to verify the fair value of all positions to external sources on a regular basis. The process involves obtaining independent data such as trades, marks and prices from external sources and examining the impact of marking the positions at the independent prices.

Where third-party pricing information sourced from brokers, dealers and consensus pricing services is used as part of the price verification process, consideration is given as to whether that information reflects actual recent market transactions or prices at which transactions involving identical or similar financial instruments are currently executable. If such transactions or prices are not available, the financial instrument will generally be classified as Level 3.

Where there is a lack of observable market information around the inputs used in a fair value measurement, the PCVG and the MVG will assess the inputs used for reasonableness considering available information including comparable products, volatility surfaces, curves and past trades.

Additional valuation adjustments may be taken for the uncertainty in the inputs used, such as correlation and where appropriate, trading desks may be asked to execute trades to evidence market levels.

#### Model Review and Validation

For more complex and illiquid financial instruments, pricing models are used to determine fair value measurements. Before models are put into official use, the MVG is responsible for validating their integrity and comprehensiveness independently from those who design and build them. As part of this validation process, the MVG analyzes a number of factors to assess a model's suitability and to quantify model risk by applying model reserves and capital adjustments. Valuation models are developed and maintained by the front-office and risk models by the Risk

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

Methodology Group within the Risk Management Division. Some models may also be developed by third party providers. The Risk Methodology Group has primary responsibility for the ongoing refinement and improvement of risk models and methodologies. All models are also subject to an annual re-approval process by MVG to ensure they remain suitable.

#### Revenue Substantiation

PCVG also ensures adherence to the Company's valuation policies through daily and periodic analytical review of net revenues. This process involves substantiating revenue amounts through explanations and attribution of revenue sources based on the underlying factors such as interest rates, credit spreads, volatility, FX rates etc. In combination with the independent price verification processes, this daily, weekly, monthly and quarterly review substantiates the revenues made while helping to identify and resolve potential booking, pricing or risk quantification issues.

#### **Level 3 Financial Instruments**

As described above, the valuation of Level 3 financial assets and liabilities is dependent on certain significant inputs which cannot be observed in the market. Common characteristics of an inactive market include a low number of transactions of the financial instrument, stale or non-current price quotes that vary substantially either over time or among market makers, or little publicly released information.

If corroborative evidence is not available to value Level 3 financial instruments, fair value may be established using other equivalent products in the market. The level of correlation between the specific Level 3 financial instrument and the available benchmark instrument is considered as an unobservable parameter. Other techniques for determining an appropriate value for unobservable parameters may consider information such as consensus pricing data among certain market participants, historical trends, extrapolation from observable market data and other information the Company would expect market participants to use in valuing similar instruments.

Using reasonably possible alternative assumptions to value Level 3 financial instruments may significantly influence their value. A range of possible fair values may be available for Level 3 financial instruments as a result of the uncertainties described above. The specific valuation is based on management's judgment of prevailing market conditions, in accordance with the Company's established valuation policies and procedures.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

#### Quantitative Information Regarding Significant Unobservable Inputs and Assumptions

The following table presents quantitative information about the significant unobservable inputs and assumptions used by the Company for certain material Level 3 financial instruments as of March 31, 2017 (dollars in thousands):

Class of financial instrument	F	air value	Valuation technique(s)	Unobservable inputs	Level 3 Input or Range of Inputs (%)	Weighted Average (%)
Assets						
Equity securities	\$	12,289	Comparable pricing	Market prices	1.4	1.4
Bank and corporate debt securities	\$	164,866	Discounted cash flow	Cradit anno da	1.1 - 8.7	2.7
securities	¢	104,800	Discounted cash flow	Credit spreads		
				Recovery rates	4.0 - 8.7	5.0
Collateralized debt/loan						
obligations	\$	207,079	Discounted cash flow	Yields	5.0 - 18.0	12.5
				Prepayment		
				rates	20.0	20.0
				Default		
				probabilities	2.0	2.0
				Loss severities	44.0 - 100.0	91.1
Securities purchased under						
agreements to resell	\$	43,921	Discounted cash flow	Funding spreads	3.5	3.5
ugreements to resen	Ψ	13,721	Discounted cush now	r anding spreads	5.5	5.5
Liabilities						
Collateralized debt obligations	\$	(9,563)	Discounted cash flow	Yields	9.2 - 13.0	11.3
				Prepayment		
				rates	20.0	20.0
				Default		
				probabilities	2.0	2.0
				Loss severities	30.0	30.0
Securities sold under						
agreements to repurchase	\$	(28,222)	Discounted cash flow	Funding spreads	2.2	2.2

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

#### Sensitivity of Fair Value to Changes in Unobservable Inputs

For each class of financial instrument described in the above table, changes in each of the significant unobservable inputs and assumptions used by the Company will impact the determination of a fair value measurement for the financial instrument. The sensitivity of these Level 3 fair value measurements to changes in unobservable inputs and interrelationships between those inputs as described below, impact the determination of a fair value measurement for the financial instrument.

*CDOs/CLOs* – Significant increases (decreases) in yields, prepayment rates, probability of default and loss severity in the event of default, in isolation, would result in a significantly lower (higher) fair value measurement. Generally, a change in the assumption used for the probability of default is accompanied by a directionally similar change in the assumption used for the loss severity and a directionally opposite change in the assumption used for prepayment rates.

*Bank and corporate debt securities* – Significant increases (decreases) in the credit spreads used in a DCF valuation technique would result in a significantly lower (higher) fair value measurement, while significant increases (decreases) in recovery rates would result in a significantly higher (lower) fair value measurement.

*Repurchase agreements / Resale agreements –* Significant increases (decreases) in the funding spreads used in a DCF valuation technique would result in a significantly lower (higher) fair value measurement.

*Equity securities* – Significant increases (decreases) in comparable prices, in isolation, would result in significantly higher (lower) fair value measurement.

The following table explains increases and decreases, including gains and losses, of Level 3 financial assets and financial liabilities measured at fair value on a recurring basis for the year ended March 31, 2017. Financial instruments classified as Level 3 are often economically hedged with instruments within Level 1 or Level 2 of the fair value hierarchy. The gains or losses presented below do not reflect the offsetting gains or losses for these hedging instruments. Level 3 instruments are at times measured using both observable and unobservable inputs. Fair value

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

changes presented below, therefore, reflect realized and unrealized gains and losses resulting from movements in both observable and unobservable parameters.

	b a la	Ppening nce, April 1, 2016	urc hases	Is s	uances	S a le s / d e mptions	 ttle me n ts <sup>(2)</sup> (Dollars in th	uni re g (le	Fotal realized and alized ains/ osses) ands)	nsfers n Level 3	nsfers into Level 3	Balano March 2017	31,	gai on o Lev and for enc	nrealized ns (losses) utstanding el 3 Assets Liabilities r the year ded March 1, 2017 <sup>(1)</sup>
Trading Assets:															
RMBS - non-agency	\$	69,499	\$ 118,243	\$	-	\$ (182,779)	\$ -	\$	(207)	\$ (9,980)	\$ 5,224	\$		\$	-
Commercial Mortgage backed Securities		-	-		-	-	-		(11)		50		39		146
Equity securities		19	-		-	-	-		121	-	12,149	12,2	89		-
Bank and corporate debt securities		4,618	23,849		-	(6,398)	-		(7,815)	(70)	150,682	164,8	66		(10,018)
Collateralized debt/loan obligations		85,522	734,949		-	(577,053)	-	(	104,737)	(51,398)	119,796	207,0	79		(103,613)
<b>De riva tive s :</b> Cre dit c ontrac ts		-	-		-	-	-		170	-	-	1	70		-
Total Trading assets	\$	159,658	\$ 877,041	\$	-	\$ (766,230)	\$ -	\$ (	(112,479)	\$ (61,448)	\$ 287,901	\$384,4	43	\$	(113,485)
Securities Purchased Under Agreements To Resell	\$	-	\$ 44,000	\$	-	\$ -	\$ -	\$	(79)	\$ -	\$ -	\$ 43,9	21	\$	(79)
Trading Liabilities:															
Collateralized debt obligation	\$	-	\$ 52,200	\$	-	\$ (41,605)	\$ -	\$	(692)	\$ (340)	\$ -	\$ 9,5	63	\$	(451)
Total Trading liabilities	\$	-	\$ 52,200	\$	-	\$ (41,605)	\$ -	\$	(692)	\$ (340)	\$ -	\$ 9,5	63	\$	(451)
Security Sold Under Agreements To Repurchase	\$	-	\$ -	\$	28,222	\$ _	\$ -	\$	-	\$ -	\$ -	\$ 28,2	22	\$	-

<sup>(1)</sup> These net unrealized gains (losses) are included within income.
 <sup>(2)</sup> All cash settlements are included within Settlements which includes premiums paid or received on options.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

#### **Transfers Between Levels of the Fair Value Hierarchy**

The Company assumes that transfers of assets and liabilities between Levels within the fair value hierarchy occur at the beginning of the relevant quarter in which the transfer occurred. Amounts reported below, therefore, represent the fair value of the transferred financial instruments at the beginning of the relevant quarter in which the transfer occurred.

#### Transfers From Level 1 to Level 2:

• *Equity Securities* of approximately \$7.3 million were transferred from Level 1 to Level 2 due to less active markets and limited market pricing

#### Transfers From Level 2 to Level 3:

- *RMBS* securities of approximately \$5.2 million were transferred from Level 2 to Level 3 as a result of a decrease in trading activity and lack of external pricing.
- *Bank and corporate debt securities* of approximately \$150.7 million were transferred from Level 2 to Level 3 as a result of a decrease in trading activity and lack of external pricing on certain bank and corporate debt securities.
- *CDOs/CLOs* of approximately \$119.8 million were transferred from Level 2 to Level 3 as a result of a decrease in trading activity and lack of external pricing on certain CDO/CLO positions.
- *Equity Securities* of approximately \$12.1 million were transferred from Level 2 to Level 3 as a result of a decrease in trading activity and lack of external pricing on certain equity securities positions.

#### Transfers From Level 3 to Level 2:

• *CDOs/CLOs* assets of approximately \$51.4 million were transferred from Level 3 to Level 2 as a result of an increase in trading activity, and thus an increase in the observability of external pricing on certain CDO/CLO positions.

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

• *RMBS* securities of approximately \$10 million were transferred from Level 3 to Level 2 as a result of an increase in trading activity, and thus an increase in the observability of external pricing on certain RMBS securities.

#### Fair Value Option for Financial Assets and Liabilities

The Company carries certain eligible financial assets and liabilities at fair value through the election of the fair value option permitted by ASC 815 and ASC 825. When the Company elects the fair value option for an eligible item, changes in that item's fair value are recognized within income. Election of the fair value option is irrevocable unless an event that gives rise to a new basis of accounting for that instrument occurs. Interest and dividend income and expense arising from financial instruments for which the fair value option has been elected are recognized within income.

The financial assets and financial liabilities elected for the fair value option by the Company and the reasons for the election, are as follows:

- *Repurchase and resale agreements* The Company elected the fair value option for certain of these agreements to mitigate volatility in income caused by the difference in measurement basis that otherwise would arise between these agreements and the derivatives used to risk manage those instruments.
- Long term borrowings at fair value The Company elected the fair value option for all of the long term borrowings of its consolidated VIEs to mitigate the volatility in income that would arise from carrying the assets of the VIEs at fair value.

#### Estimated Fair Value of Financial Instruments Not Carried at Fair Value

Certain financial instruments are not carried at fair value on a recurring basis on the Consolidated Statement of Financial Condition since they are neither held for trading purposes nor elected for the fair value option. These are typically carried at contractual amounts due or amortized cost.

The carrying value of the majority of the following financial instruments will approximate fair value since they are liquid, short-term in nature and/or contain minimal credit risk. These include

## Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

Cash and cash equivalents, Deposits with exchanges and cash segregated under federal and other regulations or requirements, miscellaneous financial assets included in Other assets, and all Securities borrowed, Securities loaned, Borrowings from Parent, Repurchase Agreements and Resale Agreements. Most of these financial instruments would generally be classified as either Level 1 or Level 2 within the fair value hierarchy.

However, the fair value of other financial instruments may be different than carrying value if they are longer term in nature or contain more than minimal credit risk. Examples may include longer dated Repurchase Agreements, Resale Agreements, *Borrowings from Parent* and *Subordinated borrowings*. All of these financial assets and financial liabilities would be generally classified as Level 2 or Level 3 within the fair value hierarchy. As of March 31, 2017, the only such longer dated instruments which were considered to be material were the *Subordinated borrowings*. As a result the Company determined that the fair value of the remaining longer dated instruments approximate their carrying value.

The Company also holds ownership interests in exchanges which are accounted for at cost or, if an other than temporary impairment in value has occurred, at a value that reflects an adjustment for management's estimate of the impairment. These investments are reported within *Other assets* on the Consolidated Statement of Financial Condition. The fair value of these investments may also differ from carrying value. Where a quoted market price is available in active markets accessible by the Company, these would generally be classified as Level 1 in the fair value hierarchy using the same methodology as is applied to other non-controlling investments in equity securities. Where a quoted market price is not available, these are classified in Level 2 or Level 3 of the fair value hierarchy, depending on the observability of the inputs.

### Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

The following table presents carrying values, estimated fair values and classification within the fair value hierarchy of those fair values for financial instruments which are carried on a basis other than fair value within our Consolidated Statement of Financial Condition as of March 31, 2017. Where line items in our Consolidated Statement of Financial Condition include both financial and non-financial instruments, only the financial instruments are disclosed below. Financial instruments carried at fair value are separately reported in the tables above.

			Fair value by Level					
	Carrying value	Fair value	Level 1	Level 2	Level 3			
		(Dolla	ars in thousand					
Assets:								
Cash and cash equivalents	\$ 2,379,101	\$ 2,379,101	\$ 2,379,101	\$ -	\$-			
Deposits with exchanges and cash segregated								
under federal and other regulations or								
requirements	779,306	779,306	779,306	-	-			
Securities purchased under								
agreements to resell <sup>(1)(2)</sup>	61,326,924	61,326,924	-	61,228,278	98,646			
Securities borrowed	19,854,767	19,854,767	-	19,854,767	-			
Other assets	10,764	19,679	3,564	16,115	-			
Liabilities:								
Securities sold under								
agreements to repurchase <sup>(1)(2)</sup>	105,713,848	105,713,848	-	104,471,855	1,241,993			
Securities loaned	9,662,860	9,662,860	-	9,662,860	-			
Borrowings from Parent	1,264,483	1,264,483	-	1,264,483	-			
Subordinated borrowings	3,150,000	3,204,103	-	-	3,204,103			

<sup>(1)</sup> Excludes balances carried at fair value under a fair value option election.

<sup>(2)</sup> Represents amounts after counterparty netting in accordance with ASC 210-20.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 4. Fair Value Measurements (continued)

#### Assets and Liabilities Measured at Fair Value on a Nonrecurring Basis

In addition to the financial instruments carried at fair value on a recurring basis, the Company also carries other financial instruments at fair value on a nonrecurring basis, where the primary measurement basis is not fair value. Examples of such financial instruments include *Receivables and Payables from brokers, dealers and clearing organizations* and *Receivables and Payables from customers*. Fair value is only used in specific circumstances after initial recognition such as to measure impairment.

#### 5. Derivative Instruments and Hedging Activities

In the normal course of business, the Company enters into transactions in derivative instruments in order to meet the financing and hedging needs of its customers, to reduce its own exposure to market, credit and liquidity risks, and in connection with its proprietary trading activities. These financial instruments may include interest rate and credit default swaps, exchange traded and OTC options, futures, forward and FX contracts, mortgage-backed to-be-announced securities ("TBAs"), extended settlement trades and securities purchased and sold on a when-issued basis.

An interest rate swap is a negotiated OTC contract in which two parties agree to exchange periodic interest payments for a defined period, calculated based upon a predetermined notional amount. Interest payments are usually exchanged on a net basis throughout the duration of the swap contract. Credit default swaps are credit derivatives in which the buyer exchanges a series of annuitized premium payments for default protection on an underlying credit asset over a specified period of time. Options are contracts that grant the holder of the option the right to purchase or sell a financial instrument, at a specified price and within a specified period of time, from the seller or to the writer of the options. Futures contracts, forward contracts, extended settlement trades and TBAs and when-issued securities provide for the delayed delivery or purchase of financial instruments at a specified future date at a specified price or yield.

Risks arise from unfavorable changes in interest rates, foreign currency exchange rates or the market values of the securities underlying the instruments as well as the possible inability of counterparties to meet the terms of their contracts. The credit risk associated with these contracts is typically limited to the cost of replacing all contracts on which the Company has recorded an unrealized gain.

### Notes to Consolidated Statement of Financial Condition (continued)

#### **5.** Derivative Instruments and Hedging Activities (continued)

For exchange-traded and OTC centrally cleared contracts, the clearing organization acts as the counterparty to specific transactions and, therefore, bears the risk of delivery to and from counterparties. For futures contracts, the change in the market value is settled with a clearing broker dealer or exchange on a daily basis. As a result, the credit risk on a futures contract is limited to the net positive change in the market value for a single day, which is recorded in Receivable from brokers, dealers and clearing organizations on the Consolidated Statement of Financial Condition. The Company evaluates the risk exposure net of related collateral and reports them on a net-by-counterparty basis consistent with ASC 815-10-45.

The following table quantifies the volume of the Company's derivative activity recorded in *Trading assets* and *Trading liabilities* on the Consolidated Statement of Financial Condition, as of March 31, 2017, through a disclosure of notional amounts, in comparison with the fair value of those derivatives. All notional and fair value amounts are disclosed on a gross basis, prior to counterparty and cash collateral netting (in thousands):

	Derivative Assets									
	Contract / Notional <sup>(1)</sup>	Fair Value Derivative Assets	Fair Value Derivative Liabilities							
Equity contracts	\$ 68,313,803	\$ 756,111	\$ 1,343,281							
Interest rate contracts <sup>(2)</sup>	247,844,658	459,482	684,673							
Credit contracts	9,901,194	184,418	234,103							
Foreign exchange contracts	1,157,651	7,570	1,446							
Commodity contracts	86,250	684	432							
Gross derivative instruments (3)	\$ 327,303,556	\$ 1,408,265	\$ 2,263,935							

<sup>(1)</sup> Represents the total contract/notional amount of derivative assets and liabilities outstanding.

<sup>(2)</sup> Interest rate contracts are primarily comprised of mortgage-backed TBAs.

<sup>(3)</sup> Notional amounts include notionals related to long and short futures contracts of approximately \$8,717,989 and \$13,083,640, respectively. The unsettled variation margin on these futures contracts excluded from the table above, is included in *Receivables from brokers, dealers and clearing organizations* and *Payables to brokers, dealers and clearing organizations* on the Consolidated Statement of Financial Condition.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 5. Derivative Instruments and Hedging Activities (continued)

#### **Offsetting of Derivatives**

The Company controls counterparty credit risk associated with derivative financial instruments through credit approvals, limits and monitoring procedures. To reduce default risk, the Company requires collateral, principally cash collateral and government securities, for certain derivative transactions. In certain cases, the Company may agree for such collateral to be posted to a third-party custodian under a control agreement that enables the Company to take control of such collateral in the event of counterparty default. From an economic standpoint, the Company evaluates default risk exposure net of related collateral. Furthermore, OTC derivative transactions are typically documented under industry standard master netting agreements which reduce the Company's credit exposure to counterparties as they permit the close-out and offset of transactions and collateral amounts in the event of default of the counterparty.

For certain OTC centrally-cleared and exchange-traded derivatives, the clearing or membership agreements entered into by the Company provide the Company with similar rights in the event of default of the relevant central clearing party or exchange. In order to support the enforceability of the close-out and offsetting rights within these agreements, the Company generally seeks to obtain an external legal opinion.

For certain types of counterparties and in certain jurisdictions, the Company may enter into derivative transactions which are not documented under a master netting agreement. Similarly, even when derivatives are documented under such agreements, the Company may not have yet sought evidence, or may not be able to obtain evidence to determine with sufficient certainty that close-out and offsetting rights are legally enforceable. This may be the case where relevant local laws specifically prohibit close-out and offsetting rights, or where local laws are complex, ambiguous or silent on the ability of the Company to exercise such rights. This may include derivative transactions executed with certain foreign governments, agencies, municipalities, central clearing counterparties, exchanges and pension funds.

The Company considers the enforceability of a master netting agreement in determining how credit risk from transactions with a specific counterparty is hedged, how counterparty credit exposures are calculated and credit limits are applied and the extent and nature of collateral requirements from the counterparty.

# Notes to Consolidated Statement of Financial Condition (continued)

#### **5.** Derivative Instruments and Hedging Activities (continued)

Derivative assets and liabilities documented under a master netting agreement with the same counterparty are offset in the Consolidated Statement of Financial Condition where the specific criteria defined by ASC 815 are met. These criteria include requirements around the legal enforceability of such close-out and offset rights under the master netting agreement. In addition, fair value amounts recognized for the right to reclaim cash collateral (a receivable) and the obligation to return cash collateral (a payable) are also offset against net derivative liabilities and net derivative assets, respectively, where certain additional criteria are met.

The following table presents information about offsetting of derivative instruments and related collateral amounts in the Consolidated Statement of Financial Condition as of March 31, 2017 by type of derivative contract, together with the extent to which master netting agreements entered into with counterparties, central clearing counterparties or exchanges permit additional offsetting of derivatives and collateral in the event of counterparty default. OTC settled bilaterally includes derivatives executed and settled bilaterally with counterparties without the use of an organized exchange or central clearing house. OTC centrally cleared include derivatives executed bilaterally with a counterparty in the OTC market but then novated to a central clearing house, whereby the central clearing house becomes the counterparty to both of the original counterparties. Exchange traded derivatives include derivatives (typically listed options) executed directly on an organized exchange that provides pre-trade price transparency. Amounts below exclude futures contracts, which are settled daily. The unsettled variation margin on futures contracts is included in Receivables from brokers, dealers and clearing organizations and Payables to brokers, dealers and clearing organizations, on the Consolidated Statement of Financial Condition. Derivative transactions which are not documented under a master netting agreement or are documented under a master netting agreement for which the Company does not have sufficient evidence of enforceability are not offset in the following table.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 5. Derivative Instruments and Hedging Activities (continued)

	erivative Assets		Derivative Liabilities
	 (dollars in	thousa	nds)
Equity contracts			
OTC settled bilaterally	\$ 73,101	\$	13,944
OTC centrally cleared	-		-
Exchange-traded	683,010		1,329,337
Interest rate contracts			
OTC settled bilaterally	252,905		309,899
OTC centrally cleared	199,323		372,397
Exchange-traded	7,254		2,377
Credit contracts			
OTC settled bilaterally	184,418		234,103
OTC centrally cleared	-		-
Exchange-traded	-		-
Foreign exchange contracts			
OTC settled bilaterally	7,570		1,446
OTC centrally cleared	-		-
Exchange-traded	-		-
Commodity Contracts			
OTC settled bilaterally	-		-
OTC centrally cleared	-		-
Exchange-traded	 684		432
Total gross derivatives balances <sup>(1)</sup>	1,408,265		2,263,935
Less: Amounts offset in the consolidated statement of financial condition $^{(2)}$	 (1,155,279)		(1,190,379)
Total net amounts reported on the face of the consolidated statement of financial condition $^{\left( 3\right) }$	252,986		1,073,556
Less: Additional amounts not offset in the consolidated statement of financial condition			
Financial instruments and non-cash collateral <sup>(4)</sup>	 -		(647,256)
Net amount	\$ 252,986	\$	426,300

<sup>(1)</sup> Includes all gross derivative asset and liability balances irrespective of whether they are transacted under a master netting agreement or whether the Company has obtained sufficient evidence of enforceability of the master netting agreement. As of March 31, 2017, the gross balance of derivative assets and liabilities documented under master netting agreements for which the Company has not obtained sufficient evidence of enforceability was \$252.3 million and \$247.7 million, respectively.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 5. Derivative Instruments and Hedging Activities (continued)

- (2) Represents amounts offset through counterparty netting of derivative assets and liabilities as well as cash collateral netting against net derivatives under master netting and similar agreements for which the Company has obtained sufficient evidence of enforceability in accordance with ASC 815. As of March 31, 2017, the Company offset a total of \$35.1 million of cash collateral receivables against net derivative liabilities.
- <sup>(3)</sup> Net derivative assets and net derivative liabilities are generally reported within *Trading assets* and *Trading liabilities*, respectively on the Consolidated Statement of Financial Condition.
- <sup>(4)</sup> Represents amounts, such as securities collateral, which are not permitted to be offset on the face of the Consolidated Statement of Financial Condition in accordance with ASC 210-20 and ASC 815 but which provide the Company with a legally enforceable right of offset in the event of counterparty default. Amounts relating to derivative and collateral agreements where the Company does not have the legal right of offset or has not determined with sufficient certainty whether the right of offset is legally enforceable are excluded.

As of March 31, 2017, a total of \$257.8 million of cash collateral receivables and \$8.4 million of cash collateral payables have not been offset against net derivatives. These amounts were not eligible to be offset, either because they represented excess cash collateral or they related to agreements for which the Company lacked evidence of enforceability. Cash collateral receivables and cash collateral payables are reported within *Receivables from customers* and *Payables to customers*, respectively on the Consolidated Statement of Financial Condition.

Effective January 3, 2017, the Chicago Mercantile Exchange ("CME") amended its rulebook for cleared OTC derivatives, resulting in the characterization of variation margin transfers as settlement payments as opposed to cash posted as collateral. While the Company is a member of CME, its role is limited to clearing such activity for its affiliates. Since the Company does not act as principal under US GAAP for such activity, there is no impact to the Company's Consolidated Statement of Financial Condition as a result of this rule change.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 5. Derivative Instruments and Hedging Activities (continued)

#### Derivatives entered into in contemplation of sales of financial assets

At the balance sheet date, the Company did not have any outstanding transactions that comprise a transfer of a financial asset recorded as a sale with an agreement (for example, a total return swap or similar derivative) entered into with the transferee in contemplation of the initial transfer, whereby the Company retains substantially all of the exposure to the economic return on the transferred financial asset throughout the term of the transaction.

#### **Credit Derivatives**

In the normal course of business, the Company enters into credit derivatives, primarily with an affiliate company, as part of its trading activities for credit risk mitigation, proprietary trading positions and for client transactions.

Credit derivatives are derivative instruments in which one or more of their underlyings are related to the credit risk of a specified entity (or group of entities) or an index based on the credit risk of a group of entities and that expose the seller to potential loss from credit risk related events specified in the contract. The types of credit derivatives used by the Company are those linked to the performance of a credit default index and single-name credit default swaps.

The Company actively monitors and manages its credit derivative exposures. Where credit protection is sold, risks may be mitigated by purchasing credit protection from other third parties either on identical underlying reference assets or on underlying reference assets with the same issuer which would be expected to behave in a correlated fashion.

The value of these purchased contracts is presented in the following table in the row titled "Protection purchased". These amounts represent purchased credit protection which generally act as a hedge against the Company's written exposure. To the extent the Company is required to pay out under the written credit derivative, a similar amount would generally become due to the Company under the purchased protection.

# Notes to Consolidated Statement of Financial Condition (continued)

#### **5.** Derivative Instruments and Hedging Activities (continued)

The following table presents information about the Company's written credit derivatives and the related protection purchased as of March 31, 2017 (in millions):

			(		ivabl	Payout on P e on Prote Notionals)		ction sold 1 Purchased
					Ye	ears to Ma	turit	y
	Ca	rrying					$\mathbf{N}$	Iore than 5
	V	alue	Total		4-	4-5 years		years
Protection sold	\$	88 (1)	\$	3,060	\$	2,442	\$	618
Protection purchased	\$	(141) <sup>(1)</sup>	\$	6,436	\$	3,642	\$	2,794

<sup>(1)</sup>Carrying values are reported on a gross basis, prior to cash collateral and counterparty netting.

Credit derivatives have a stated notional amount which represents the maximum payment the Company may be required to make under the contract. However, this is generally not a true representation of the amount the Company will actually pay as in addition to purchased credit protection, other risk mitigating factors reduce the likelihood of any payment, including the probability of default and the recovery value of the underlying asset. The Company believes that the maximum potential amount of future payments for credit protection sold does not represent the actual loss exposure based on historical experience.

# Notes to Consolidated Statement of Financial Condition (continued)

#### **5.** Derivative Instruments and Hedging Activities (continued)

The following table presents information about the Company's written credit derivatives by external credit rating of the underlying asset. Where written credit derivatives have an index as an underlying, the exposure detailed below has been decomposed into the ratings categories below based on ratings of securities or derivatives comprising the index. Where multiple external ratings exist from the major rating services, the rating designated below is determined as the middle rating when ratings are available from all three major rating services or the lower rating when only two ratings are available, consistent with guidelines specified under the Basel Accords.

#### Maximum Payout/Notional on Protection sold

( Dollars in Millions)												
Α	AA		AA		Α		BBB		BB	Other <sup>(1)</sup>	,	Total
\$	50	\$	53	\$	298	\$	736	\$	429	\$ 1,494	\$	3,060

<sup>(1)</sup> Other includes credit derivatives where the credit rating of the underlying referenced asset is below BB or where the credit rating is unavailable.

#### 6. Collateralized Financing Agreements

#### Offsetting of certain collateralized transactions

The Company enters into collateralized transactions including resale agreements and repurchase agreements, securities borrowing and securities lending transactions, and other secured borrowings mainly to finance trading inventory positions, obtain securities for settlement, and meet customers' needs.

These transactions are documented under industry standard master netting agreements which reduce the Company's credit exposure to counterparties as they permit the close-out and offset of transactions and collateral amounts in the event of default of the counterparty. For certain centrally-cleared resale and repurchase agreements, the clearing or membership agreements entered into by the Company provide similar rights to the Company in the event of default of the relevant central clearing party. In order to support the enforceability of the close-out and offsetting rights within these agreements, the Company generally seeks to obtain an external legal opinion.

For certain types of counterparties and in certain jurisdictions, the Company may not have yet sought evidence, or may not be able to obtain evidence to determine with sufficient certainty that

# Notes to Consolidated Statement of Financial Condition (continued)

#### 6. Collateralized Financing Agreements (continued)

the close-out and offsetting rights are legally enforceable. This may be the case where relevant local laws specifically prohibit close-out and offsetting rights, or where local laws are complex, ambiguous or silent on the ability of the Company to exercise such rights. This may include resale agreements, repurchase agreements, securities borrowing and lending transactions executed with certain foreign governments, agencies, municipalities, agent banks and pension funds.

The Company considers the enforceability of a master netting agreement in determining how credit risk arising from transactions with a specific counterparty is hedged, how counterparty credit exposures are calculated and credit limits are applied, and the extent and nature of collateral requirements from the counterparty.

In all of these transactions, the Company either receives or provides collateral, including government, agency, mortgage-backed, bank and corporate debt and equity securities. In most cases, the Company is permitted to use the securities received to secure repurchase agreements, enter into securities lending transactions or to cover short positions with counterparties. In repurchase and resale transactions, the value of collateral typically exceeds the amount of cash transferred. Collateral is generally in the form of securities. Securities borrowing transactions generally require the Company to provide the counterparty with collateral in the form of cash or other securities. For securities. The Company monitors the market value of the securities borrowed or loaned and requires additional cash or securities, as necessary, to ensure that such transactions are adequately collateralized for the Company's risk management purposes throughout the life of the transactions.

Resale agreements and repurchase agreements with the same counterparty are offset in the Consolidated Statement of Financial Condition where the specific criteria defined by ASC 210-20 are met. These criteria include requirements around the maturity of the transactions, the underlying systems on which the collateral is settled, associated banking arrangements and the legal enforceability of the close-out and offsetting rights.

The following table presents information about offsetting of these transactions in the Consolidated Statement of Financial Condition, together with the extent to which master netting agreements entered into with counterparties and central clearing parties permit additional offsetting in the event of counterparty default (in thousands). Transactions which are documented under a master netting agreement for which the Company does not have sufficient evidence of enforceability are not offset in the following table:

### Notes to Consolidated Statement of Financial Condition (continued)

#### 6. Collateralized Financing Agreements (continued)

		Ass		Liabilities				
	а	Resale greements	1	Securities borrowing ansactions		Repurchase		Securities lending insactions
Total gross balance <sup>(1)</sup>	\$	139,500,109	\$	19,854,767	\$	183,871,334	\$	9,662,860
Less: Amounts offset in the consolidated statement of financial condition <sup>(2)</sup>		(78,129,264)				(78,129,264)		-
Total net amounts reported on the face of the consolidated statement of financial condition <sup>(3)</sup>		61,370,845		19,854,767		105,742,070		9,662,860
Less: Additional amounts not offset in the consolidated statement of financial condition: <sup>(4)</sup>								
Financial instruments and non-cash collateral Cash collateral		(58,753,475) (8,154)		(7,484,726)		(85,273,221) (2,131)		(8,917,835)
Net amount <sup>(5)</sup>	\$	2,609,216	\$	12,370,041	\$	20,466,718	\$	745,025

- (1) Includes all recognized balances irrespective of whether the Company has obtained sufficient evidence of enforceability of the master netting agreement. Amounts include transactions carried at fair value through election of the fair value option and amounts carried at amortized cost. As of March 31, 2017, the gross balance of resale agreements and repurchase agreements documented under master netting agreements for which the Company has not obtained sufficient evidence of enforceability was \$2,501,343 thousand and \$20,051,894 thousand, respectively. As of March 31, 2017, the gross balance of securities borrowing transactions and securities lending transactions documented under master netting agreements for which the Company has not obtained sufficient evidence of enforceability was \$12,338,517 thousand and \$469,593 thousand, respectively.
- (2) Represents amounts offset through counterparty netting of repurchase agreements and resale agreements under master netting and similar agreements for which the Company has obtained sufficient evidence of enforceability in accordance with ASC 210-20. Amounts offset include transactions carried at amortized cost.
- (3) Resale agreements and securities borrowing transactions are reported within Collateralized financing agreements on the Consolidated Statement of Financial Condition as Securities purchased under agreements to resell and Securities borrowed, respectively. Repurchase agreements and securities lending transactions are reported within Collateralized financing agreements on the Consolidated Statement of Financial Condition as Securities sold under agreements to repurchase and Securities loaned, respectively.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 6. Collateralized Financing Agreements (continued)

- (4) Represents amounts which are not permitted to be offset on the face of the Consolidated Statement of Financial Condition in accordance with ASC 210-20 but which provide the Company with the right of offset in the event of counterparty default. Amounts relating to agreements where the Company has not yet determined with sufficient certainty whether the right of offset is legally enforceable are excluded.
- <sup>(5)</sup> Remaining exposures continue to be secured by financial collateral, but the Company may not have sought or been able to obtain a legal opinion evidencing enforceability of the offsetting right.

#### Maturity analysis of repurchase agreements and securities lending transactions

The following table presents an analysis of the total gross balance of liabilities recognized in the Consolidated Statement of Financial Condition for repurchase agreements and securities lending transactions by remaining contractual maturity of the agreement as of March 31, 2017. Amounts reported are shown prior to counterparty netting in accordance with ASC 210-20 (in thousands):

		Remaining contractual maturity										
	Overnight and						9	90 days - 1		Greater than 1		
	open <sup>(1)</sup>		U	o to 30 days	30-90 days		year		year			Total
Repurchase agreements	\$	138,661,820	\$	30,896,832	\$	4,739,471	\$	8,331,218	\$	1,241,993	\$	183,871,334
Securities lending transactions		7,829,435		1,097,624		660,717		75,084		-		9,662,860
Total gross recognized liabilities <sup>(2)</sup>	\$	146,491,255	\$	31,994,456	\$	5,400,188	\$	8,406,302	\$	1,241,993	\$	193,534,194

- <sup>(1)</sup> Open transactions do not have an explicit contractual maturity date and are terminable on demand by the Company or the counterparty.
- (2) Repurchase agreements and securities lending transactions are reported within *Collateralized financing agreements* on the Consolidated Statement of Financial Condition as *Securities sold under agreements to repurchase* and *Securities loaned*, respectively. Amounts reported for securities lending transactions also include transactions where the Company lends securities and receives securities that can be sold or pledged as collateral. The Company recognizes the securities received at fair value and a liability for the same amount, representing the obligation to return those securities.

At March 31, 2017, the Company did not hold securities, with an obligation to return those securities, in relation to securities lending transactions. The total gross recognized liabilities reported for repurchase agreements and securities lending transactions are consistent with the total gross balances reported in the offsetting disclosures above.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 6. Collateralized Financing Agreements (continued)

#### Securities transferred in repurchase agreements and securities lending transactions

The following table presents an analysis of the total gross balance of liabilities recognized in the Consolidated Statement of Financial Condition for repurchase agreements and securities lending transactions by class of securities transferred by the Company to counterparties as of March 31, 2017. Amounts reported are shown prior to counterparty netting in accordance with ASC 210-20 (in thousands).

	Repurchase agreements	Securities lending transactions	Total	
Residential mortgage-backed securities - agency	\$ 42,413,144	\$ -	\$ 42,413,144	
Residential mortgage-backed securities - non-agency	1,488,685	-	1,488,685	
Commercial mortgage-backed securities (CMBS)	9,249	-	9,249	
U.S. and foreign government and agency securities	136,654,834	8,281	136,663,115	
Equity securities	774,529	9,425,134	10,199,663	
Bank and corporate debt securities	1,401,215	229,445	1,630,660	
Collateralized debt/loan obligations	1,129,678	-	1,129,678	
Total gross recognized liabilities <sup>(1)</sup>	\$ 183,871,334	\$ 9,662,860	\$ 193,534,194	

(1) Repurchase agreements and securities lending transactions are reported within Collateralized financing agreements on the Consolidated Statement of Financial Condition under Securities sold under agreements to repurchase and Securities loaned, respectively. Amounts reported for securities lending transactions also include transactions where the Company lends securities and receives securities that can be sold or pledged as collateral. The Company recognizes the securities received at fair value and a liability for the same amount, representing the obligation to return those securities, in relation to securities lending transactions. The total gross recognized liabilities reported for repurchase agreements and securities lending transactions are consistent with the total gross balances reported in the offsetting disclosures above.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 6. Collateralized Financing Agreements (continued)

#### **Collateral received by the Company**

The Company receives collateral in the form of securities in connection with resale agreements and securities borrowed. When the Company borrows securities, it collateralizes the lender by pledging cash or other securities. The Company additionally receives securities as collateral in connection with certain securities-for-securities transactions in which the Company is the securities lender, although no such transactions existed at March 31, 2017. At March 31, 2017, the fair value of securities received as collateral where the Company is permitted to sell or repledge the securities was \$167.6 billion and the fair value of the portion that had been sold or repledged was \$166.1 billion.

#### **Collateral pledged by the Company**

The Company pledges firm-owned securities to collateralize repurchase agreements and securities loaned transactions. In addition, the Company pledges firm-owned securities in securities-for-securities transactions in which the Company is borrower. Pledged securities that can be sold or repledged by the secured party are \$6.8 billion at March 31, 2017 and are disclosed in parenthesis as pledged within *Trading assets* on the Consolidated Statement of Financial Condition. *Trading assets* owned which have been pledged as collateral without allowing the secured party the right to sell or repledge them, was approximately \$42.4 billion at March 31, 2017.

#### 7. Receivables from and Payables to Brokers, Dealers and Clearing Organizations

Receivables from and payables to brokers, dealers and clearing organizations consist of the following at March 31, 2017 (in thousands):

	Receivables			Payables
Receivables from/payables to brokers,				
dealers and clearing organizations	\$	585,642	\$	640,623
Securities failed-to-deliver/receive		427,112		162,508
Pending trades, net		-		1,418,420
	\$	1,012,754	\$	2,221,551

# Notes to Consolidated Statement of Financial Condition (continued)

# 7. Receivables from and Payables to Brokers, Dealers and Clearing Organizations (continued)

Receivables from/payables to brokers, dealers and clearing organizations primarily include cash collateral deposited with clearing organizations including initial and variation amounts related to futures contracts as well as unsettled variation margin. Securities failed-to-deliver and receive represent the contract value of securities which have not been delivered or received by the Company on settlement date. Pending trades represent the net amount payable on unsettled regular-way securities transactions.

#### 8. Subordinated Borrowings

The Company's subordinated borrowings are covered by agreements approved by FINRA and are included by the Company in regulatory net capital, as defined, under the SEC's Uniform Net Capital Rule ("SEC Rule 15c3-1"). The Company has both term and revolving agreements. Each term borrowing agreement contains an evergreen provision that automatically extends the maturity by one year unless specified actions are taken prior to maturity date. To the extent that such borrowings are required for the Company's continued compliance with minimum regulatory net capital requirements, repayment is deferred.

The Company also has approval from FINRA for a Revolving Note and Cash Subordination Agreement ("Subordinated Revolver") with NHA, for up to \$1,450 million which expires on December 31, 2017, subject to an evergreen provision. \$850 million was outstanding under the Subordinated Revolver at March 31, 2017. Borrowings under the agreement are available in computing net capital under the SEC Rule 15c3-1. To the extent that such borrowings are required for the Company's continued compliance with minimum net capital requirements, repayment is deferred.

Lender	F	Par Value	Туре	Maturity Date	Interest Rate
NHA	\$ 500,000		Term	March 31, 2019	Variable
NHA		300,000	Term	December 31, 2018	Variable
NHA		1,500,000	Term	December 30, 2017	Variable
NHA		850,000	Subordinated revolver	December 31, 2017	Variable
	\$ 3,150,000				

Borrowings at March 31, 2017 are as follows (dollars in thousands):

# Notes to Consolidated Statement of Financial Condition (continued)

#### 8. Subordinated Borrowings (continued)

At March 31, 2017, the interest rate on these borrowings was 2.33%, which is based on LIBOR plus a spread. Interest expense payable at March 31, 2017 was \$6.2 million. The weighted average effective interest rate on these borrowings during the year ended March 31, 2017, was approximately 1.84%.

#### 9. Off-Balance Sheet Risks and Concentration of Credit and Market Risk

#### **Financial Instruments with Off-Balance Sheet Risk**

The Company has sold securities it does not currently own and will therefore be obligated to purchase such securities at a future date. The Company has recorded this obligation within *Trading liabilities* on the Consolidated Statement of Financial Condition at March 31, 2017, at the fair values of such securities and will incur a loss if the fair value of the securities increases subsequent to March 31, 2017. Generally, the Company limits this risk by holding offsetting securities, futures or options positions.

### **Credit Risk**

The Company is engaged in various trading and brokerage activities with counterparties which include domestic financial institutions, multinational corporations, the U.S. government and its agencies, security exchanges and clearing organizations. A substantial portion of the Company's securities transactions are collateralized.

The Company's exposure to credit risk associated with the nonperformance of these customers and counterparties in fulfilling their contractual obligations may be directly impacted by volatile or illiquid trading markets.

The Company is subject to concentrated credit risk due to the amount of positions it holds in securities issued by the U.S. and foreign governments and their agencies as well as mortgage-backed securities guaranteed by the U.S. government agencies. Such amounts which are carried at fair value and reflected within *Trading assets* on the Consolidated Statement of Financial Condition, represented approximately 36% of the Company's total assets as of March 31, 2017. The Company is also exposed to credit risk that arises from the failure of a counterparty to perform according to the terms of the contract. The Company's exposure to credit

# Notes to Consolidated Statement of Financial Condition (continued)

### 9. Off-Balance Sheet Risks and Concentration of Credit and Market Risk (continued)

risk at any point in time is approximated by the fair value of the contracts reported as assets. These amounts are reported on a net-by-counterparty basis consistent with ASC 815-10-45.

The Credit Risk Management ("CRM") department manages the credit risk exposure that arises from transactions. The CRM department is an independent control function. The Company's process for managing credit risk includes:

- Evaluation of likelihood that a counterparty defaults on its payments and obligations;
- Assignment of internal credit ratings to all active counterparties;
- Approval of extensions of credit and establishment of credit limits;
- Measurement, monitoring and management of the firm's current and potential future credit exposures;
- Setting credit terms in legal documentation including margin terms;
- Use of appropriate credit risk mitigants including netting, collateral and hedging;
- Active communication and co-operation with various stakeholders such as Trading units, Operations, Legal department, Compliance and Finance.

### Market Risk

The Company is exposed to market risk. Market risk is the risk of loss arising from fluctuations in the value of assets and debts (including off-balance sheet items) due to fluctuations in market risk factors (interest rates, FX rates, prices of securities and others). Market risk primarily impacts the Company's trading activities.

Effective management of market risk requires the ability to analyze a complex and constantly changing global market environment, identify problematic trends and ensure that appropriate action is taken in a timely manner.

The Company uses a variety of complementary tools to measure, model and aggregate market risk. The principal statistical measurement tool used to assess and monitor market risk on an ongoing basis is Value at Risk ("VaR"). Limits on VaR are set in line with the Company's risk appetite as expressed through economic capital. In addition to VaR, the Company uses sensitivity analysis and stress testing to measure and analyze its market risk. Sensitivities are measures used to show the potential changes to a portfolio due to standard moves in market risk factors. They are specific

# Notes to Consolidated Statement of Financial Condition (continued)

#### 9. Off-Balance Sheet Risks and Concentration of Credit and Market Risk (continued)

to each asset class and cannot usually be aggregated across risk factors. Stress testing explores portfolio risks or tail risks, including non-linear behaviors and can be aggregated across risk factors at any level of the group hierarchy. Market risk is monitored against a set of approved limits, with daily reports and other management information provided to the business units and senior management. VaR is a measure of the potential loss in the value of the Company's trading positions due to adverse movements in markets over a defined time horizon with a specified confidence level. Market risks that are incorporated in the VaR model include equity prices, interest rates, credit, FX rates, and commodities with associated volatilities and correlations.

#### 10. Commitments, Contingent Liabilities and Guarantees

#### Commitments

Presented below is a schedule of minimum future lease payments on non-cancelable operating leases as of March 31, 2017 (in thousands):

	Futu	nimum re Lease yments
Fiscal year:		
2018	\$	953
2019		719
2020		165
Total minimum future lease payments	\$	1,837

Operating leases are subject to escalation clauses and are generally non-cancelable or cancelable only with substantial penalties.

At March 31, 2017, the Company has commitments to enter into future resale and repurchase agreements totaling \$4.7 and \$1.3 billion, respectively.

In addition, the Company has a contingent obligation to provide financing in the form of reverse repurchase agreements to a clearinghouse through which it clears certain transactions. The contingent facility is provided by all members of the clearinghouse and is designed to ensure

# Notes to Consolidated Statement of Financial Condition (continued)

#### 10. Commitments, Contingent Liabilities and Guarantees (continued)

liquidity to the clearinghouse in the event of a default of a major firm. The Company's commitment changes monthly based on the volumes it clears. As of March 31, 2017, the amount of the contingent commitment facility was \$2.1 billion. In the normal course of business, the Company enters into underwriting commitments; there were no open transactions relating to such underwriting commitments at March 31, 2017.

#### Contingencies

In the normal course of business the Company is involved in investigations, lawsuits and other legal proceedings and, as a result, may suffer loss from any fines, penalties or damages awarded against the Company, any settlements the Company chooses to make to resolve a matter, and legal and other advisory costs incurred to support and formulate a defense.

The ability to predict the outcome of these actions and proceedings is inherently difficult, particularly where claimants are seeking substantial or indeterminate damages, where investigations and legal proceedings are at an early stage or where the matters present novel legal theories or involve a large number of parties.

The Company regularly evaluates each legal proceeding and claim on a case-by-case basis in consultation with external legal counsel to assess whether an estimate of possible loss or range of loss can be made, if recognition of a liability is not appropriate. In accordance with ASC 450 *"Contingencies"* ("ASC 450"), the Company recognizes a liability for this risk of loss arising on each individual matter when a loss is probable and the amount of such loss or range of loss can be reasonably estimated. The amount recognized as a liability is reviewed at least quarterly and is revised when further information becomes available. If these criteria are not met for an individual matter, such as if an estimated loss is only reasonably possible rather than probable, no liability is recognized. However, where a material loss is reasonably possible, the Company will disclose details of the legal proceeding or claim below. Under ASC 450 an event is defined as reasonably possible if the chance of the loss to the Company is more than remote but less than probable.

The most significant actions and proceedings against the Company are summarized below. The Company believes that, based on current information available as of the date of this Consolidated Statement of Financial Condition, the ultimate resolution of these actions and proceedings will not be material to the Company's financial condition. However, an adverse outcome in certain of these matters could have a material adverse effect on the income or cash flows in a particular quarter or annual period.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 10. Commitments, Contingent Liabilities and Guarantees (continued)

In April 2011, the Federal Home Loan Bank of Boston ("FHLB-Boston") commenced proceedings in the Superior Court of Massachusetts against numerous issuers, sponsors and underwriters of residential mortgage-backed securities ("RMBS"), and their controlling persons, including NHA and certain of its subsidiaries, including the Company.

The action alleges that FHLB-Boston purchased RMBS issued by a subsidiary of NHA and underwritten by the Company for which the offering materials contained untrue statements or omitted material facts concerning the underwriting standards used by the original lenders and the characteristics of the loans underlying the securities. FHLB-Boston seeks rescission of its purchases or compensatory damages pursuant to state law. FHLB-Boston alleges that it purchased certificates in four offerings issued by a subsidiary of NHA in the original principal amount of approximately \$406 million. The case is currently in the discovery phase. Due to the lack of information and the legal uncertainties involved, the Company cannot provide an estimate of reasonably possible loss related to this matter at this time.

In September 2011, the Federal Housing Finance Agency ("FHFA"), as conservator for the government sponsored enterprises, Federal National Mortgage Association and Federal Home Loan Mortgage Corporation (the "GSEs"), commenced proceedings in the United States District Court for the Southern District of New York against numerous issuers, sponsors and underwriters of RMBS, and their controlling persons, including NHA and certain of its subsidiaries including the Company. The action alleged that the GSEs purchased RMBS issued by subsidiaries of NHA and underwritten by the Company for which the offering materials contained untrue statements or omitted material facts concerning the underwriting standards used by the original lenders and the characteristics of the loans underlying the securities. FHFA alleged that the GSEs purchased certificates in seven offerings in the original principal amount of approximately \$2,046 million and sought rescission of its purchases. The case was tried before the Court beginning March 16, 2015 and closing arguments were completed on April 9, 2015. On May 15, 2015, the Court issued a judgment and ordered the defendants to pay \$806 million to GSEs upon GSEs' delivery of the certificates at issue to the defendants. The defendants have appealed the decision to the United States Court of Appeals for the Second Circuit. Subject to the outcome of the appeal, the defendants agreed to a consent judgment for costs and attorneys' fees recoverable under the blue sky statutes at issue in the maximum amount of \$33 million.

A reserve has been established by NHA with regard to this matter (that takes into account the value of the certificates that will be returned and other factors) on behalf of all the defendants, including the Company.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 10. Commitments, Contingent Liabilities and Guarantees (continued)

The United States Department of Justice, led by the United States Attorney's Office for the Eastern District of New York, informed NHA and certain of its subsidiaries including the Company that it was investigating possible civil claims against them under the Financial Institutions Reform, Recovery, and Enforcement Act of 1989 related to RMBS they sponsored, issued, underwrote, managed, or offered during 2006 and 2007. The Company and its affiliates are cooperating fully in response to the investigation. Due to the lack of information and the legal uncertainties involved, the Company cannot provide an estimate of reasonably possible loss related to this matter at this time.

Beginning in September 2014, several purported class actions were commenced in the United States District Court for the Southern District of New York against the Company and other financial institutions. On October 30, 2014, the court consolidated the actions under the lead case, Alaska Electrical Pension Fund v. Bank of America, N.A., et al. A consolidated amended complaint was filed on February 12, 2015 asserting claims for alleged violations of the federal antitrust laws and state law by, among other things, allegedly conspiring to manipulate the ISDAFIX benchmark. The plaintiffs seek declaratory and injunctive relief, treble damages in an unspecified amount, and attorneys' fees. On March 28, 2016, the court granted in part and denied in part the defendants' motion to dismiss the consolidated amended complaint. The case is currently in the discovery phase. These claims involve substantial legal, as well as factual, uncertainty and the Company cannot provide an estimate of reasonably possible loss at this time.

Beginning in July 2015, several purported class actions were filed in U.S. federal courts against a number of primary dealers of U.S. Treasury securities, including the Company. In December 2015, the actions were consolidated in the United States District Court for the Southern District of New York. The complaints generally allege that the defendants violated the federal antitrust laws and the Commodity Exchange Act in connection with an alleged conspiracy to manipulate the market for U.S. Treasury securities and derivative financial products based on Treasury securities. It is expected the plaintiffs will file a consolidated amended complaint seeking declaratory and injunctive relief, treble damages in an unspecified amount, and restitution. These claims involve substantial legal, as well as factual, uncertainty and the Company cannot provide an estimate of reasonably possible loss at this time.

In March 2017, certain subsidiaries of American International Group, Inc. commenced proceedings in the District Court of Harris County, Texas against certain entities and individuals, including NSI, in connection with a 2012 offering of \$750 million of certain project finance notes, of which \$92 million allegedly were purchased by AIG. AIG alleges violations of the Texas Securities Act based on material misrepresentations and omissions in connection with the

# Notes to Consolidated Statement of Financial Condition (continued)

#### 10. Commitments, Contingent Liabilities and Guarantees (continued)

marketing, offering, issuance and sale of the notes and seeks rescission of the purchases or compensatory damages. Due to the lack of information and the legal uncertainties involved, the Company cannot provide an estimate of reasonably possible loss related to this matter at this time.

The United States Securities and Exchange Commission ("SEC") and the DOJ have been investigating past activities of several former employees of NSI in respect of the commercial and residential mortgage-backed securities transactions. NSI has been cooperating fully in those investigations. NSI considers it probable that the SEC eventually will institute proceedings focusing on NSI's supervision of certain former employees and that NSI, in connection with such proceedings, will agree to disgorgement and/or restitution relating to some of the transactions in issue. A reserve has been established by the Company with regard to this matter.

#### Guarantees

The Company applies the provisions of ASC 460, *Guarantees* ("ASC 460"), which provides accounting and disclosure requirements for certain guarantees. ASC 460 defines guarantees as contracts and indemnification agreements that contingently require a guarantor to make payments to the guaranteed party based on changes in an underlying (such as an interest or FX rate, security or commodity price, an index, or the occurrence or nonoccurrence of a specified event) related to an asset, liability or equity security of a guaranteed party. ASC 460 also defines guarantees as contracts that contingently require the guarantor to make payments to the guaranteed party based on another entity's failure to perform under an agreement as well as indirect guarantees of the indebtedness of others.

In the normal course of business, the Company provides guarantees to securities clearinghouses and exchanges. These guarantees are generally required under the standard membership agreements such that members are required to guarantee the performance of other members. To mitigate these performance risks, the exchanges and clearinghouses often require members to post collateral. The Company's liability under these arrangements is not quantifiable and could exceed the cash and securities it has posted as collateral. However, the potential for the Company to be required to make payments under such guarantees is deemed remote. Accordingly, no contingent liability is recorded on the Consolidated Statement of Financial Condition.

The Company enters into certain derivative contracts that meet the ASC 460 definition of guarantees. Because the Company does not track whether its clients enter into these derivative contracts for speculative or hedging purposes, the Company has disclosed information about derivative contracts that could meet the ASC 460 definition of guarantees.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 10. Commitments, Contingent Liabilities and Guarantees (continued)

For information about the maximum potential amount of future payments that the Company could be required to make under certain derivatives, such as written put options, the notional amount of contracts has been disclosed. The Company records all derivative contracts at fair value on its Consolidated Statement of Financial Condition. The Company believes the notional amounts generally overstate its risk exposure. Because the derivative contracts are accounted for at fair value, carrying value is considered to be the best indication of payment/performance risks for individual contracts.

The following table sets forth information about the Company's derivative contracts that could meet the definition of a guarantee (other than credit derivatives disclosed as protection sold in Note 5) as of March 31, 2017 (in millions):

Maximum Payout / Notional By Period of Expiration												
	-		Years to Maturity									
•	ing Value Liability		aximum 'ayout	Le	ss than 1 year	1-2	2 years	2-3	years			
\$	1,332	\$	43,356	\$	41,557	\$	1,763	\$	36			

#### **11. Transactions with Related Parties**

The Company regularly enters into dealer, trading, clearing and financing transactions with NHI and affiliates. In the normal course of business, the Company pays commissions to affiliates for trades executed with affiliates on behalf of its clients.

#### **Operational and Administrative Arrangements**

The Company reimburses NHA and affiliates for the expenses incurred in providing office space and other equipment used by the Company. Additionally, the Company reimburses NHA, NHI and their affiliates, (collectively "the affiliates") for expenses and certain other costs, which the affiliates pay on behalf of the Company. These reimbursements are reflected in income.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 11. Transactions with Related Parties (continued)

The Company receives reimbursements from the affiliates for certain expenses incurred and services rendered by the Company on the affiliates' behalf, which include back and front office expense reimbursements. These reimbursements are reflected in income. The Company also earns fees above the reimbursement of expenses for certain back and front office services provided to the affiliates. These fees are also reflected income.

Also included in income are fees related to equity research services received from Instinet prior to the November 4, 2016 transfer of the Company's research business to Instinet.

#### Transaction Execution Services Agreement

The Company is a party to a Transaction Execution Services Agreement ("TESA") involving certain other Nomura affiliates ("TESA Affiliates") where the parties to the TESA provide trade execution services ("Services") for certain products to one or more of the other TESA Affiliates in accordance with US transfer pricing regulations and Organization for Economic Co-operation and Development transfer pricing guidelines. The Company receives amounts related to profits on positions as well as interest revenue, less certain deductions ("TESA Revenues").

These deductions include certain execution costs, interest expense, and sales credits, as applicable. Also under the TESA, the Company reimburses the TESA Affiliates for certain costs incurred related to the Services, which include costs of capital for the TESA Affiliates ("TESA Capital Expenses"), and back and middle office expense reimbursements ("TESA Administrative Expenses"), (collectively, "TESA Expenses"). This reimbursement also includes a mark-up on the back and middle office expenses as defined in the agreement.

During each fiscal year, TESA Revenues less certain deductions as described above, if any, under the TESA are calculated each month on a fiscal year-to-date basis. To the extent the Company has previously received TESA Revenues during the then current fiscal year, any trading losses and deductions incurred by a TESA Affiliate related to the Company's Services under the TESA shall be deducted from the fiscal year-to-date TESA Revenues received by the Company and reimbursed to the TESA Affiliate. In the event that a TESA Affiliate's recorded fiscal year-to-date trading losses and deductions with respect to the Company's Services exceeds TESA Revenues paid to the Company then the Company shall receive no TESA Revenues other than sales credits, as applicable. TESA Administrative Expenses are reimbursed irrespective of TESA Revenues (including expense related to other related party Operational and Administrative Arrangements described above); however, TESA Capital Expenses are reimbursed only to the extent cumulative TESA Revenue (after TESA Administrative Expenses) has been received by the Company.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 11. Transactions with Related Parties (continued)

The Company is also a party to transfer pricing arrangements in which the Company, and affiliate companies, Nomura Corporate Funding Americas, LLC ("NCFA"), a wholly owned subsidiary of NHA, and Nomura International, plc ("NIP"), a wholly owned subsidiary of NHI, agree to share in the net revenues on certain loans and loan commitments, which are extended by either NCFA or NIP. As with the TESA agreement above, for some of these arrangements the Company receives a share of overall profits after the affiliate is reimbursed for cost of funds or a regulatory capital usage charge. The Company records its share of revenues received and the reimbursement paid under these arrangements in income.

TESA Revenues and the amounts received pertaining to loans discussed above are recorded in income. TESA Expenses and the amounts paid pertaining to loans above are also recorded in income.

#### Sales Credits

The Company pays to or receives from other Nomura entities sales credits essentially representing an internal commission to an entity involved in sales efforts. Payments and receipts of sales credits are recorded in income.

# Notes to Consolidated Statement of Financial Condition (continued)

#### 11. Transactions with Related Parties (continued)

At March 31, 2017, balances with related parties are included in the accompanying Consolidated Statement of Financial Condition captions as follows (in thousands):

Assets	
Securities purchased under agreements to resell <sup>(1)</sup>	\$ 27,036,284
Securities borrowed	5,795,569
Trading assets	92,261
Receivables:	
Brokers, dealers and clearing organizations	168,388
Customers	165
Interest and dividends	10,111
Other assets	86,805
Liabilities	
Securities sold under agreements to repurchase <sup>(1)</sup>	\$ 5,645,152
Securities loaned	5,462,101
Trading liabilities	71,395
Borrowings from Parent	1,264,483
Payables and accrued liabilities:	
Brokers, dealers and clearing organizations	722,214
Customers	98,348
Interest and dividends	21,467
Other	130,347
Subordinated borrowings	3,150,000

<sup>(1)</sup> Represents amounts after counterparty netting in accordance with ASC 210-20.

*Receivables from/Payables to brokers, dealers and clearing organizations* is primarily related to transactions with affiliate companies, mainly NIP and NGFP, in its capacity as clearing broker on exchange traded derivatives on the affiliates behalf.

In addition to the subordinated borrowings described in Note 8, at March 31, 2017, the Company had overnight loans of \$18 million, and \$1,246 million payable to NHA. At March 31, 2017, the interest rate payable on these loans was 0.9% and 2.3% respectively reflecting the different currencies in which denominated.

### Notes to Consolidated Statement of Financial Condition (continued)

#### **12. Income Taxes**

The Company is included in the consolidated federal and certain combined state and local income tax returns filed by NHA and its subsidiaries (the "Group"). The Company and the Group have a practice whereby federal and state and local income and capital taxes are determined for financial reporting purposes on a separate company basis. Federal, and certain state and local income and capital taxes were paid to NHA. As such, income taxes payable to NHA of approximately \$5.86 million and capital taxes payable to other state & local jurisdictions of approximately \$51 thousand are included in *Other payables and accrued liabilities* on the Consolidated Statement of Financial Condition as of March 31, 2017. The income taxes receivable from other state & local jurisdictions of approximately \$198 thousand is included in *Other Assets* on the Consolidated Statement of Financial Condition as of March 31, 2017.

The components of the Company's net DTA at March 31, 2017, are as follows (dollars in thousands):

Deferred tax asset	\$467,165
Less valuation allowance	(467,128)
	37
Deferred tax liability	(37)
Net deferred tax asset	\$0

ASC 740 prescribes an asset and liability approach to accounting for taxes that requires the recognition of DTAs and deferred tax liabilities ("DTLs") for the expected future tax consequences of events that have been recognized in the Consolidated Statement of Financial Condition or tax returns.

In estimating future tax consequences, ASC 740 generally considers all expected future events other than future enactment of changes in the tax law or rates. The gross DTAs relate primarily to net operating loss ("NOL") carryforward, compensation accruals and certain other accrued expenses.

A VA of \$467.1 million has been maintained against the Company's DTAs in accordance with the realization criteria set forth in ASC 740. The net decrease during the fiscal year ending March 31, 2017 in the total VA is \$148.7 million, which is primarily attributable to the current year utilization of the NOL and interest expense deferral carryforwards.

# Notes to Consolidated Statement of Financial Condition (continued)

#### **12. Income Taxes (continued)**

At March 31, 2017, the Company had a federal NOL carryforward of approximately \$747.6 million which begins to expire in the year ending March 31, 2031. In addition, the Company had a New York State ("NYS") NOL carryforward of approximately \$669 million and NYC NOL carryforward of approximately \$556.5 million. Both NYS and NYC NOL begin to expire in the year ending March 31, 2035.

As of March 31, 2017, the Company determined that it has no material uncertain tax positions, interest or penalties as defined within ASC 740, and accordingly, management has concluded that no additional ASC 740 disclosures are required.

As of March 31, 2017, the Company is subject to tax examination for tax years ending March 31, 2014 through 2016 at the federal level and for tax years ending March 31, 2012 through 2015 at the NYS and NYC level. The Company has concluded its federal audit for the tax year ended March 31, 2013 in August 2016. The NOL carryovers have been adjusted to reflect the changes from the audit. The audit changes did not result in any additional tax for the company. The Company does not believe that it is reasonably possible that the total amount of unrecognized tax benefits will significantly change within the next 12 months.

### 13. Variable Interest Entities and Securitizations

### Variable Interest Entities

In the normal course of business, the Company acts as transferor of financial assets to VIEs, and underwriter, distributor, and seller of repackaged financial instruments issued by VIEs in connection with its securitization activities. In addition, the Company retains, purchases and sells variable interests in VIEs in connection with its market-making, investing and structuring activities.

Under ASC 810-10-15, if the Company has an interest in a VIE that provides the Company with control over the most significant activities of the VIE and the right to receive benefits or the obligation to absorb losses that could be significant to the VIE, the Company is the primary beneficiary of the VIE and must consolidate the entity, provided that the Company does not meet separate tests confirming that it is acting as a fiduciary for other interest holders.

# Notes to Consolidated Statement of Financial Condition (continued)

#### **13.** Variable Interest Entities and Securitizations (continued)

Control over the most significant activities may take a number of different forms in different types of VIEs. For certain types of transactions, such as securitizations of residential mortgage pass through securities and other mortgage-backed securities Re-securitization transactions, there are no significant economic decisions made on an ongoing basis and no single investor has the unilateral ability to liquidate the trust. In these cases, the Company focuses its analysis on decisions made prior to the closing of the initial transaction. If one or a number of third party investors share responsibility for the design of the Re-securitization trust and purchase a significant portion of the resulting securities, the Company does not consolidate the Re-securitization trust. The Company has sponsored numerous Re-securitization transactions and in many cases has determined that it is not the primary beneficiary on the basis that control over the most significant activities of these entities are shared with third party investors.

The Company has consolidated the assets and liabilities of CLOs in which it holds a controlling equity investment. As of March 31, 2017, the underlying assets of these consolidated CLOs, which are primarily comprised of corporate loans, were approximately \$24.6 million and are primarily included in *Trading assets* on the Consolidated Statement of Financial Condition. Additionally, as of March 31, 2017, the underlying liabilities of the CLOs, were approximately \$18.7 million and are primarily included in *Long term borrowings at fair value* on the Consolidated Statement of Financial Condition. The Company's maximum exposure to economic loss related to these consolidated CLOs is limited to the amount of its interest in the VIEs, which was approximately \$5.9 million at March 31, 2017.

During the year ended March 31, 2017, the weighted average interest rate on the long term notes ("Notes") issued by these consolidated CLOs was 1.72%. The Notes issued by the consolidated CLOs range in maturity from 2019 through 2020.

The Company also holds variable interests in VIEs where it is not the primary beneficiary. These include interests in residential resecuritizations sponsored by the Company, as well as interests in third party vehicles such as agency mortgage pass through trusts, agency and non-agency collateralized mortgage obligations, collateralized debt obligations and collateralized loan obligations. As of March 31, 2017, NSI's variable interests in such VIEs were approximately \$33.9 billion and are included within *Trading assets* on the Consolidated Statement of Financial Condition. NSI's maximum exposure to loss associated with these VIEs is approximately \$33.9 billion; this does not include the offsetting benefit of any financial instruments that the Company may utilize to economically hedge the risks associated with the Company's variable interests.

# Notes to Consolidated Statement of Financial Condition (continued)

#### **13.** Variable Interest Entities and Securitizations (continued)

#### Securitizations

As discussed above, the Company transfers assets to special purpose entities ("SPEs") that securitize residential mortgage passthrough securities and other types of financial assets. The Company's involvement with SPEs includes structuring SPEs, underwriting, distributing and selling debt instruments and beneficial interests issued by SPEs to investors. The Company accounts for the transfer of financial assets as a sale when the Company relinquishes control over the assets.

ASC 860 deems control to be relinquished when the following conditions are met: (a) the assets have been isolated from the transferor (even in bankruptcy or other receivership), (b) the transferee has the right to pledge or exchange the beneficial interests and (c) the transferor has not maintained effective control over the transferred assets. The Company may obtain an interest in the financial assets, including retained interest in the SPEs. These interests are accounted for at fair value and are included in *Trading assets* on the Consolidated Statement of Financial Condition. During the year ended March 31, 2017, the Company recorded as sales, transfers of approximately \$23.7 billion in financial assets to resecuritization SPEs in which the Company has continuing involvement in the form of retained interests. The Company received cash proceeds and retained interests at closing of approximately \$16.9 billion and \$6.8 billion, respectively. Most of these retained interests were sold subsequent to the closing of the respective securitizations.

At March 31, 2017, the Company's retained interests were approximately \$2.7 billion and are included within *Trading assets* as mortgage-backed securities. All retained interests held by the Company at March 31, 2017 are classified as Level 2 assets within the fair value hierarchy. The outstanding principal balance of financial assets transferred to SPEs in which the Company has continuing involvement, but is not required to consolidate, was \$34.5 billion as of March 31, 2017.

# Notes to Consolidated Statement of Financial Condition (continued)

#### **13.** Variable Interest Entities and Securitizations (continued)

The following table sets forth the key economic assumptions used to determine the fair value of the Company's retained interests at March 31, 2017 and the sensitivity of this fair value to immediate adverse changes of 10% and 20% in those assumptions (dollars in millions):

Fair value of retained interests	\$ 2,747
Weighted average life (years)	7
Constant prepayment rate	3.2%
Impact of 10% adverse change	\$ (19)
Impact of 20% adverse change	\$ (37)
Discount rate	3.5%
Impact of 10% adverse change	\$ (16)
Impact of 20% adverse change	\$ (32)

The preceding table does not give effect to the offsetting benefit of other financial instruments that are held to mitigate risks inherent in these retained interests. Changes in fair value based on an adverse variation in assumptions generally cannot be extrapolated because the relationship of the change in assumptions to the change in fair value is not usually linear. In addition, the impact of a change in a particular assumption in the preceding table is calculated independently of changes in any other assumption. In practice, simultaneous changes in assumptions might magnify or counteract the sensitivities disclosed above. For the year ended March 31, 2017, the Company received approximately \$870 million of proceeds from the retained interests in SPEs. During the year ended March 31, 2017, the Company did not provide financial support beyond its contractual obligations to any VIE.

#### 14. Employee Benefit Plans

Substantially all employees of the Company are covered under the Company's Retirement Investment Plan. Certain qualified employees are also eligible to participate in the Supplemental Employee Retirement Plan. The Company's contribution to these defined contribution plans is based on employees' compensation.

# Notes to Consolidated Statement of Financial Condition (continued)

### **14. Employee Benefit Plans (continued)**

#### **Deferred** Compensation

Certain of the Company's employees participate in incentive plans and are granted cash settled deferred compensation awards based on NHI stock or a broad equity index. The Company also hedges a portion of this economic exposure with affiliates. Types of awards granted include Notional Stock Units ("NSU"), Collared Notional Stock Units ("CSU"), and Notional Indexed Units ("NIU").

The vesting schedule of awards outstanding during the current fiscal year, prior to considering the impact of FCR (as described below) is as follows:

FY2012 grant – NSUs vest annually in equal increments over a five year period with the first vesting date being April 30, 2013. CSUs and NIUs vest quarterly in equal increments over a five year period, with the first quarterly vesting date being June 30, 2012. Additionally, select employees were awarded a Multi-Year Performance Deferral ("MYPD") which converted to

NSU's after two years and then vest annually over a three year period, with the first vesting date being March 31, 2015.

FY2013 grant – NSUs vest annually in equal increments over a three year period beginning with the first vesting date being April 30, 2014.

FY2014 grant – NSUs vest annually in equal increments over a three year period beginning with the first vesting date being April 30, 2015. CSUs and NIUs vest quarterly in equal increments over a three year period, with the first quarterly vesting date being June 30, 2014.

FY2015 grant – NSUs vest annually in equal increments over a three year period beginning with the first vesting date being April 30, 2016. CSUs and NIUs vest quarterly in equal increments over a three year period, with the first quarterly vesting date being June 30, 2015.

FY2016 grant – NSUs vest annually in equal increments over a three year period beginning with the first vesting date being April 30, 2017. CSUs and NIUs vest quarterly in equal increments over a three year period, with the first quarterly vesting date being June 30, 2016.

# Notes to Consolidated Statement of Financial Condition (continued)

### **14. Employee Benefit Plans (continued)**

The Company's ultimate payment is contingent on the relevant fair value calculation at the vesting date. The Company accrues compensation over time as employees progress toward vesting of each award. The Company also hedges a portion of the economic exposure of these awards and records the impact of the NSU and CSU hedges within compensation expense.

The Company recorded \$114.3 million as a reduction in accrued compensation on the Consolidated Statement of Financial Condition for the amounts paid to employees during the year ended March 31, 2017.

Certain deferred awards granted since May 2013 include Full Career Retirement ("FCR") provisions which permit recipients of the awards to continue to vest in the awards upon voluntary termination if certain criteria based on corporate title and length of service within Nomura are met, provided the retiring employee does not work for a competitor.

The related deferred award amortization expense of an employee eligible for FCR is fully recognized in the first year of issuance if the employee's FCR date has either passed or is within six (6) months of the issuance date, as long as the employee has not submitted notification to Nomura of an election to retire during a specific window. If the employee's FCR date is beyond six (6) months of issuance but prior to a component award's vest date, the associated amortization period of the issued deferred awards may not exceed the FCR date.

### 15. Net Capital

As a registered broker-dealer, the Company is subject to SEC Rule 15c3-1, which requires the maintenance of minimum regulatory net capital. The Company utilizes the alternative method permitted by Rule 15c3-1, which requires that the Company maintain minimum regulatory net capital, as defined, equal to the greater of \$1,000,000 or 2% of aggregate debit items arising from customer transactions, as defined. The Company is also subject to CFTC Regulation 1.17, which requires the maintenance of regulatory net capital of 8% of the total risk margin requirement, as defined, for all positions carried in customer accounts plus 8% of the total risk margin requirement, as defined, for all positions carried in non-customer accounts or \$1,000,000, whichever is greater.

At March 31, 2017, the CFTC's requirement of 1.17 resulted in a greater regulatory net capital requirement than the SEC minimum requirement of 2% of aggregate debits. At March 31, 2017, the Company had regulatory net capital of approximately \$2,723.0 million, which was approximately \$2,649.2 million in excess of required net capital.

# Notes to Consolidated Statement of Financial Condition (continued)

### **15. Net Capital (continued)**

Advances to affiliates, repayment of subordinated borrowings, dividend payments, and other equity withdrawals are subject to certain notification and other provisions of the SEC Uniform Net Capital Rule and other regulatory bodies.

#### **16. Subsequent Events**

The Company has evaluated subsequent events through May 25, 2017, the date as of which this Consolidated Statement of Financial Condition is available to be issue.