

M&T BANK CORP
Form 10-K
February 22, 2017

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended December 31, 2016

or

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

Commission file number 1-9861

M&T BANK CORPORATION

(Exact name of registrant as specified in its charter)

New York
(State of incorporation)

16-0968385
(I.R.S. Employer Identification No.)

One M&T Plaza, Buffalo, New York 14203
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code:

716-635-4000

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

Title of Each Class
Common Stock, \$.50 par value

Name of Each Exchange on Which Registered
New York Stock Exchange

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6.375% Cumulative Perpetual Preferred Stock, New York Stock Exchange

Series A, \$1,000 liquidation preference per share

6.375% Cumulative Perpetual Preferred Stock, New York Stock Exchange

Series C, \$1,000 liquidation preference per share

Warrants to purchase shares of Common Stock New York Stock Exchange

(expiring December 23, 2018)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

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

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

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

Aggregate market value of the Common Stock, \$0.50 par value, held by non-affiliates of the registrant, computed by reference to the closing price as of the close of business on June 30, 2016: \$16,919,525,595.

Number of shares of the Common Stock, \$0.50 par value, outstanding as of the close of business on February 17, 2017: 154,172,084 shares.

Documents Incorporated By Reference:

(1) Portions of the Proxy Statement for the 2017 Annual Meeting of Shareholders of M&T Bank Corporation in Parts II and III.

M&T BANK CORPORATION

Form 10-K for the year ended December 31, 2016

CROSS-REFERENCE SHEET

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PART I

Item 1. Business.

M&T Bank Corporation (“Registrant” or “M&T”) is a New York business corporation which is registered as a financial holding company under the Bank Holding Company Act of 1956, as amended (“BHCA”) and as a bank holding company (“BHC”) under Article III-A of the New York Banking Law (“Banking Law”). The principal executive offices of M&T are located at One M&T Plaza, Buffalo, New York 14203. M&T was incorporated in November 1969. M&T and its direct and indirect subsidiaries are collectively referred to herein as the “Company.” As of December 31, 2016 the Company had consolidated total assets of \$123.4 billion, deposits of \$95.5 billion and shareholders’ equity of \$16.5 billion. The Company had 16,000 full-time and 973 part-time employees as of December 31, 2016.

At December 31, 2016, M&T had two wholly owned bank subsidiaries: Manufacturers and Traders Trust Company (“M&T Bank”) and Wilmington Trust, National Association (“Wilmington Trust, N.A.”). The banks collectively offer a wide range of retail and commercial banking, trust and wealth management, and investment services to their customers. At December 31, 2016, M&T Bank represented 99% of consolidated assets of the Company.

The Company from time to time considers acquiring banks, thrift institutions, branch offices of banks or thrift institutions, or other businesses within markets currently served by the Company or in other locations that would complement the Company’s business or its geographic reach. The Company has pursued acquisition opportunities in the past, continues to review different opportunities, including the possibility of major acquisitions, and intends to continue this practice.

Subsidiaries

M&T Bank is a banking corporation that is incorporated under the laws of the State of New York. M&T Bank is a member of the Federal Reserve System and the Federal Home Loan Bank System, and its deposits are insured by the Federal Deposit Insurance Corporation (“FDIC”) up to applicable limits. M&T acquired all of the issued and outstanding shares of the capital stock of M&T Bank in December 1969. The stock of M&T Bank represents a major asset of M&T. M&T Bank operates under a charter granted by the State of New York in 1892, and the continuity of its banking business is traced to the organization of the Manufacturers and Traders Bank in 1856. The principal executive offices of M&T Bank are located at One M&T Plaza, Buffalo, New York 14203. As of December 31, 2016, M&T Bank had 799 domestic banking offices located in New York State, Maryland, New Jersey, Pennsylvania, Delaware, Connecticut, Virginia, West Virginia, and the District of Columbia, a full-service commercial banking office in Ontario, Canada, and an office in George Town, Cayman Islands. As of December 31, 2016, M&T Bank had consolidated total assets of \$122.6 billion, deposits of \$97.3 billion and shareholder’s equity of \$14.5 billion. The deposit liabilities of M&T Bank are insured by the FDIC through its Deposit Insurance Fund (“DIF”). As a commercial bank, M&T Bank offers a broad range of financial services to a diverse base of consumers, businesses, professional clients, governmental entities and financial institutions located in its markets. Lending is largely focused on consumers residing in New York State, Maryland, New Jersey, Pennsylvania, Delaware, Connecticut, Virginia, West Virginia, and Washington, D.C., and on small and medium-size businesses based in those areas, although loans are originated through offices in other states and in Ontario, Canada. In addition, the Company conducts lending activities in various states through other subsidiaries. Trust and other fiduciary services are offered by M&T Bank and through its wholly owned subsidiary, Wilmington Trust Company. M&T Bank and certain of its subsidiaries also offer commercial mortgage loans secured by income producing properties or properties used by borrowers in a trade or business. Additional financial services are provided through other operating subsidiaries of the Company.

Wilmington Trust, N.A., a national banking association and a member of the Federal Reserve System and the FDIC, commenced operations on October 2, 1995. The deposit liabilities of Wilmington Trust, N.A. are insured by the FDIC through the DIF. The main office of Wilmington Trust, N.A. is located at 1100 North Market Street, Wilmington, Delaware 19890. Wilmington Trust, N.A. offers various trust and wealth management services. Historically, Wilmington Trust, N.A. offered selected deposit and loan products on a nationwide basis, through direct mail, telephone marketing techniques and the Internet. As of December 31, 2016, Wilmington Trust, N.A. had total assets of \$3.7 billion, deposits of \$3.2 billion and shareholder's equity of \$496 million.

Wilmington Trust Company, a wholly owned subsidiary of M&T Bank, was incorporated as a Delaware bank and trust company in March 1901 and amended its charter in July 2011 to become a nondepository trust company. Wilmington Trust Company provides a variety of Delaware based trust, fiduciary and custodial services to its clients. As of December 31, 2016, Wilmington Trust Company had total assets of \$1.3 billion and shareholder's equity of \$554 million. Revenues of Wilmington Trust Company were \$121 million in 2016. The headquarters of Wilmington Trust Company are located at 1100 North Market Street, Wilmington, Delaware 19890.

M&T Insurance Agency, Inc. ("M&T Insurance Agency"), a wholly owned insurance agency subsidiary of M&T Bank, was incorporated as a New York corporation in March 1955. M&T Insurance Agency provides insurance agency services principally to the commercial market. As of December 31, 2016, M&T Insurance Agency had assets of \$35 million and shareholder's equity of \$18 million. M&T Insurance Agency recorded revenues of \$31 million during 2016. The headquarters of M&T Insurance Agency are located at 285 Delaware Avenue, Buffalo, New York 14202.

M&T Real Estate Trust ("M&T Real Estate") is a Maryland Real Estate Investment Trust that traces its origin to the incorporation of M&T Real Estate, Inc. in July 1995. M&T Real Estate engages in commercial real estate lending and provides loan servicing to M&T Bank. As of December 31, 2016, M&T Real Estate had assets of \$22.9 billion, common shareholder's equity of \$22.0 billion, and preferred shareholders' equity, consisting of 9% fixed-rate preferred stock (par value \$1,000), of \$1 million. All of the outstanding common stock and 89% of the preferred stock of M&T Real Estate is owned by M&T Bank. The remaining 11% of M&T Real Estate's outstanding preferred stock is owned by officers or former officers of the Company. M&T Real Estate recorded \$852 million of revenue in 2016. The headquarters of M&T Real Estate are located at M&T Center, One Fountain Plaza, Buffalo, New York 14203.

M&T Realty Capital Corporation ("M&T Realty Capital"), a wholly owned subsidiary of M&T Bank, was incorporated as a Maryland corporation in October 1973. M&T Realty Capital engages in multifamily commercial real estate lending and provides loan servicing to purchasers of the loans it originates. As of December 31, 2016, M&T Realty Capital serviced \$11.8 billion of commercial mortgage loans for non-affiliates and had assets of \$1.2 billion and shareholder's equity of \$119 million. M&T Realty Capital recorded revenues of \$139 million in 2016. The headquarters of M&T Realty Capital are located at 25 South Charles Street, Baltimore, Maryland 21202.

M&T Securities, Inc. ("M&T Securities") is a wholly owned subsidiary of M&T Bank that was incorporated as a New York business corporation in November 1985. M&T Securities is registered as a broker/dealer under the Securities Exchange Act of 1934, as amended, and as an investment advisor under the Investment Advisors Act of 1940, as amended (the "Investment Advisors Act"). M&T Securities is licensed as a life insurance agent in each state where M&T Bank operates branch offices and in a number of other states. It provides securities brokerage, investment advisory and insurance services. As of December 31, 2016, M&T Securities had assets of \$51 million and shareholder's equity of \$41 million. M&T Securities recorded \$99 million of revenue during 2016. The headquarters of M&T Securities are located at One M&T Plaza, Buffalo, New York 14203.

Wilmington Trust Investment Advisors, Inc. (“WT Investment Advisors”), a wholly owned subsidiary of M&T Bank, was incorporated as a Maryland corporation on June 30, 1995. WT Investment Advisors, a registered investment advisor under the Investment Advisors Act, serves as an investment advisor to the Wilmington Funds, a family of proprietary mutual funds, and institutional clients. As of December 31, 2016, WT Investment Advisors had assets of \$47 million and shareholder’s equity of \$40 million. WT Investment Advisors recorded revenues of \$39 million in 2016. The headquarters of WT Investment Advisors are located at 100 East Pratt Street, Baltimore, Maryland 21202.

Wilmington Funds Management Corporation (“Wilmington Funds Management”) is a wholly owned subsidiary of M&T that was incorporated in September 1981 as a Delaware corporation. Wilmington Funds Management is registered as an investment advisor under the Investment Advisors Act and serves as an investment advisor to the Wilmington Funds. Wilmington Funds Management had assets of \$29 million and shareholder’s equity of \$28 million as of December 31, 2016. Wilmington Funds Management recorded revenues of \$27 million in 2016. The headquarters of Wilmington Funds Management are located at 1100 North Market Street, Wilmington, Delaware 19890.

Wilmington Trust Investment Management, LLC (“WTIM”) is a wholly owned subsidiary of M&T and was incorporated in December 2001 as a Georgia limited liability company. WTIM is a registered investment advisor under the Investment Advisors Act and provides investment management services to clients, including certain private funds. As of December 31, 2016, WTIM has assets and shareholder’s equity of \$26 million each. WTIM recorded revenues of \$2 million in 2016. WTIM’s headquarters is located at Terminus 27th Floor, 3280 Peachtree Road N.E., Atlanta, Georgia 30305.

The Registrant and its banking subsidiaries have a number of other special-purpose or inactive subsidiaries. These other subsidiaries did not represent, individually and collectively, a significant portion of the Company’s consolidated assets, net income and shareholders’ equity at December 31, 2016.

Segment Information, Principal Products/Services and Foreign Operations

Information about the Registrant’s business segments is included in note 22 of Notes to Financial Statements filed herewith in Part II, Item 8, “Financial Statements and Supplementary Data” and is further discussed in Part II, Item 7, “Management’s Discussion and Analysis of Financial Condition and Results of Operations.” The Registrant’s reportable segments have been determined based upon its internal profitability reporting system, which is organized by strategic business unit. Certain strategic business units have been combined for segment information reporting purposes where the nature of the products and services, the type of customer and the distribution of those products and services are similar. The reportable segments are Business Banking, Commercial Banking, Commercial Real Estate, Discretionary Portfolio, Residential Mortgage Banking and Retail Banking. The Company’s international activities are discussed in note 17 of Notes to Financial Statements filed herewith in Part II, Item 8, “Financial Statements and Supplementary Data.”

The only activities that, as a class, contributed 10% or more of the sum of consolidated interest income and other income in any of the last three years were interest on loans and trust income. The amount of income from such sources during those years is set forth on the Company’s Consolidated Statement of Income filed herewith in Part II, Item 8, “Financial Statements and Supplementary Data.”

Supervision and Regulation of the Company

M&T and its subsidiaries are subject to the comprehensive regulatory framework applicable to bank and financial holding companies and their subsidiaries. Regulation of financial institutions such as M&T and its subsidiaries is intended primarily for the protection of depositors, the FDIC’s Deposit

Insurance Fund and the banking and financial system as a whole, and generally is not intended for the protection of shareholders, investors or creditors other than insured depositors.

Proposals to change the applicable regulatory framework may be introduced in the United States Congress and state legislatures, as well as by regulatory agencies. Such initiatives may include proposals to expand or contract the powers of bank holding companies and depository institutions or proposals to substantially change the financial institution regulatory system. Such legislation could change banking statutes and the operating environment of the Company in substantial and unpredictable ways. If enacted, such legislation could increase or decrease the cost of doing business, limit or expand permissible activities or affect the competitive balance among banks, savings associations, credit unions, and other financial institutions. A change in statutes, regulations or regulatory policies applicable to M&T or any of its subsidiaries could have a material effect on the business, financial condition or results of operations of the Company.

Significant changes in this regulatory scheme arising from the 2010 Dodd-Frank Wall Street Reform and Consumer Protection Act (“Dodd-Frank Act”) have affected the lending, deposit, investment, trading and operating activities of financial institutions and their holding companies, and the system of regulatory oversight of the Company. As required by the Dodd-Frank Act, various federal regulatory agencies have proposed or adopted a broad range of implementing rules and regulations and have prepared numerous studies and reports for Congress. However, given that many of these regulatory changes are highly complex and are not fully implemented, the full impact of the Dodd-Frank Act regulatory reform will not be known until the rules are implemented and market practices develop under the final regulations. Furthermore, recent political developments, including the change in administration in the United States, have added uncertainty to the implementation, scope and timing of regulatory reforms, including those relating to the implementation of the Dodd-Frank Act.

Described below are material elements of selected laws and regulations applicable to M&T and its subsidiaries. The descriptions are not intended to be complete and are qualified in their entirety by reference to the full text of the statutes and regulations described.

Overview

M&T is registered with the Board of Governors of the Federal Reserve System (“Federal Reserve”) as a BHC under the BHCA. As such, M&T and its subsidiaries are subject to the supervision, examination and reporting requirements of the BHCA and the regulations of the Federal Reserve. Its investment advisor subsidiaries are subject to SEC regulation.

In general, the BHCA limits the business of a BHC to banking, managing or controlling banks, and other activities that the Federal Reserve has determined to be so closely related to banking as to be a proper incident thereto. In addition, bank holding companies are to serve as a managerial and financial source of strength to their subsidiary depository institutions, including committing resources to support its subsidiary banks. This support may be required at times when M&T may not be inclined or able to provide it. In addition, any capital loans by a BHC to a subsidiary bank are subordinate in right of payment to deposits and to certain other indebtedness of such subsidiary bank. In the event of a BHC’s bankruptcy, any commitment by the BHC to a federal bank regulatory agency to maintain the capital of a subsidiary bank will be assumed by the bankruptcy trustee and entitled to a priority of payment.

Bank holding companies that qualify and elect to be financial holding companies may engage in any activity, or acquire and retain the shares of a company engaged in any activity, that is either (i) financial in nature or incidental to such financial activity (as determined by the Federal Reserve, by regulation or order, in consultation with the Secretary of the Treasury) or (ii) complementary to a financial activity and does not pose a substantial risk to the safety and soundness of depository

institutions or the financial system generally (as solely determined by the Federal Reserve). Activities that are financial in nature include securities underwriting and dealing, insurance underwriting and making merchant banking investments. In order for a financial holding company to commence any new activity or to acquire a company engaged in any activity pursuant to the financial holding company provisions of the BHCA, each insured depository institution subsidiary of the financial holding company also must have at least a “satisfactory” rating under the Community Reinvestment Act of 1977 (the “CRA”). See the section captioned “Community Reinvestment Act” included elsewhere in this item.

M&T became a financial holding company on March 1, 2011. To maintain financial holding company status, a financial holding company and all of its depository institution subsidiaries must be “well capitalized” and “well managed.” The failure to meet such requirements could result in material restrictions on the activities of M&T and may also adversely affect the Company’s ability to enter into certain transactions or obtain necessary approvals in connection therewith, as well as loss of financial holding company status.

Current federal law also establishes a system of functional regulation under which, in addition to the broad supervisory authority that the Federal Reserve has over both the banking and non-banking activities of bank holding companies, the federal banking agencies regulate the banking activities of bank holding companies, banks and savings associations and subsidiaries of the foregoing, the U.S. Securities and Exchange Commission (“SEC”) regulates their securities activities, and state insurance regulators regulate their insurance activities.

M&T Bank is a New York chartered bank and a member of the Federal Reserve Bank of New York. As a result, it is subject to extensive regulation, examination and oversight by the New York State Department of Financial Services (“NYDFS”) and the Federal Reserve. New York laws and regulations govern many aspects of M&T Bank’s operations, including branching, dividends, subsidiary activities, fiduciary activities, lending, and deposit taking. M&T Bank is also subject to Federal Reserve regulations and guidance, including oversight of capital levels. Its deposits are insured by the FDIC to \$250,000 per depositor, which also exercises regulatory oversight over certain aspects of M&T Bank’s operations. Certain subsidiaries of M&T Bank are subject to regulation by other federal and state regulators as well. For example, M&T Securities is regulated by the SEC, the Financial Industry Regulatory Authority and state securities regulators, and WT Investment Advisors is also subject to SEC regulation.

Wilmington Trust, N.A. is a national bank with operations that include fiduciary and related activities with some limited lending and deposit business. It is subject to extensive regulation, examination and oversight by the Office of the Comptroller of the Currency (“OCC”), which governs many aspects of the operations, including fiduciary activities, capital levels, office locations, dividends and subsidiary activities. Its deposits are insured by the FDIC to \$250,000 per depositor, which also exercises regulatory oversight over certain aspects of the operations of Wilmington Trust, N.A.

The Dodd-Frank Act broadened the base for FDIC insurance assessments which are based on average consolidated total assets less average Tier 1 capital and certain allowable deductions of a financial institution. The Dodd-Frank Act also permanently increased the maximum amount of deposit insurance for banks, savings institutions and credit unions.

Dividends

M&T is a legal entity separate and distinct from its banking and other subsidiaries. Historically, the majority of M&T’s revenue has been from dividends paid to M&T by its subsidiary banks. M&T Bank and Wilmington Trust, N.A. are subject to laws and regulations imposing restrictions on the amount of dividends they may declare and pay. Future dividend payments to M&T by its subsidiary

banks will be dependent on a number of factors, including the earnings and financial condition of each such bank, and are subject to the limitations referred to in note 23 of Notes to Financial Statements filed herewith in Part II, Item 8, “Financial Statements and Supplementary Data,” and to other statutory powers of bank regulatory agencies.

An insured depository institution is prohibited from making any capital distribution to its owner, including any dividend, if, after making such distribution, the depository institution fails to meet the required minimum level for any relevant capital measure, including the risk-based capital adequacy and leverage standards discussed herein.

Dividend payments by M&T to its shareholders and stock repurchases by M&T are subject to the oversight of the Federal Reserve. As described below in this section under “Stress Testing and Capital Plan Review,” dividends and stock repurchases (net of any new stock issuances as per a capital plan) generally may only be paid or made under a capital plan as to which the Federal Reserve has not objected.

Capital Requirements

M&T and its subsidiary banks are required to comply with applicable capital adequacy standards established by the federal banking agencies. Beginning on January 1, 2015, M&T and its subsidiary banks became subject to a new comprehensive capital framework for U.S. banking organizations that was issued by the federal banking agencies in July 2013 (the “New Capital Rules”), subject to phase-in periods for certain components and other provisions.

The New Capital Rules generally implement the Basel Committee’s December 2010 final capital framework referred to as “Basel III” for strengthening international capital standards. The New Capital Rules substantially revised the risk-based capital requirements applicable to bank holding companies and their depository institution subsidiaries, including M&T, M&T Bank and Wilmington Trust, N.A., as compared to the U.S. general risk-based capital rules that were applicable to the Company through December 31, 2014. The New Capital Rules revised the definitions and the components of regulatory capital, as well as addressed other issues affecting the numerator in banking institutions’ regulatory capital ratios. The New Capital Rules also addressed asset risk weights and other matters affecting the denominator in banking institutions’ regulatory capital ratios.

Among other matters, the New Capital Rules: (i) introduced a capital measure called “Common Equity Tier 1” (“CET1”) and related regulatory capital ratio of CET1 to risk-weighted assets; (ii) specify that Tier 1 capital consists of CET1 and “Additional Tier 1 capital” instruments meeting certain revised requirements; (iii) mandate that most deductions/adjustments to regulatory capital measures be made to CET1 and not to the other components of capital; and (iv) expand the scope of the deductions from and adjustments to capital as compared to the previous regulations. Under the New Capital Rules, for most banking organizations, including M&T, the most common form of Additional Tier 1 capital is non-cumulative perpetual preferred stock and the most common forms of Tier 2 capital are subordinated notes and a portion of the allowance for loan and lease losses, in each case, subject to the New Capital Rules’ specific requirements.

Pursuant to the New Capital Rules, the minimum capital ratios are as follows:

- 4.5% CET1 to risk-weighted assets;
- 6.0% Tier 1 capital (that is, CET1 plus Additional Tier 1 capital) to risk-weighted assets;
 - 8.0% Total capital (that is, Tier 1 capital plus Tier 2 capital) to risk-weighted assets; and
- 4.0% Tier 1 capital to average consolidated assets as reported on consolidated financial statements (known as the “leverage ratio”).

In calculating regulatory capital ratios M&T must assign risk weights to the Company’s assets and off-balance sheet items. M&T has an ongoing process to review data elements associated with certain assets that from time to time may affect how specific assets are classified and could lead to increases or decreases of the regulatory risk weights assigned to such assets. In connection with this process, in February 2017 M&T revised the risk weights assigned to certain commercial real estate construction loans as of December 31, 2016 pending completion of a review to compare loan system data elements with underlying loan documentation. That revision increased risk-weighted assets as of December 31, 2016 by 2% and thereby lowered the corresponding CET1 ratio by 26 basis points to 10.70% from an estimate of that ratio which had been previously disclosed by M&T in January 2017.

The New Capital Rules also introduce a new “capital conservation buffer,” composed entirely of CET1, on top of these minimum risk-weighted asset ratios. The capital conservation buffer is designed to absorb losses during periods of economic stress. Banking institutions with a ratio of CET1 to risk-weighted assets above the minimum but below the capital conservation buffer will face constraints on dividends, equity and other capital instrument repurchases and compensation based on the amount of the shortfall. Thus, when fully phased-in on January 1, 2019, the capital standards applicable to M&T will include an additional capital conservation buffer of 2.5% of CET1, effectively resulting in minimum ratios inclusive of the capital conservation buffer of (i) CET1 to risk-weighted assets of at least 7%, (ii) Tier 1 capital to risk-weighted assets of at least 8.5%; (iii) Total capital to risk-weighted assets of at least 10.5% and (iv) a minimum leverage ratio of 4%, calculated as the ratio of Tier 1 capital to average assets. In addition, M&T is also subject to the Federal Reserve’s capital plan rule and supervisory Comprehensive Capital Analysis and Review (“CCAR”) process, pursuant to which its ability to make capital distributions and repurchase or redeem capital securities may be limited unless M&T is able to demonstrate its ability to meet applicable minimum capital ratios and currently a 5% minimum Tier 1 common equity ratio, as well as other requirements, over a nine quarter planning horizon under a “severely adverse” macroeconomic scenario generated yearly by the federal bank regulators. See “Stress Testing and Capital Plan Review” below.

The New Capital Rules provide for a number of deductions from and adjustments to CET1. These include, for example, the requirement that mortgage servicing rights, deferred tax assets arising from temporary differences that could not be realized through net operating loss carrybacks, and significant investments in non-consolidated financial entities be deducted from CET1 to the extent that any one such category exceeds 10% of CET1 or all such items, in the aggregate, exceed 15% of CET1.

In addition, under the risk-based capital rules applicable to the Company through December 31, 2014, the effects of accumulated other comprehensive income or loss (“AOCI”) items included in shareholders’ equity (for example, unrealized gains and losses on securities held in the available-for-sale portfolio) under U.S. GAAP were reversed for the purposes of determining regulatory capital ratios. Pursuant to the New Capital Rules, the effects of certain AOCI items are not excluded; however, non-advanced approaches banking organizations, including M&T, may make a one-time permanent election to continue to exclude these items. M&T made such election in 2015. The New Capital Rules also preclude certain hybrid securities, such as trust preferred securities, from inclusion

in bank holding companies' Tier 1 capital, subject to phase-out in the case of bank holding companies, such as M&T, that had \$15 billion or more in total consolidated assets as of December 31, 2009. As a result, beginning in 2015, 25% of M&T's trust preferred securities were includable in Tier 1 capital, and beginning in 2016, none of M&T's trust preferred securities were includable in Tier 1 capital. Trust preferred securities no longer included in M&T's Tier 1 capital may nonetheless be included as a component of Tier 2 capital on a permanent basis without phase-out and irrespective of whether such securities otherwise meet the revised definition of Tier 2 capital set forth in the New Capital Rules. Management believes that M&T is in compliance with the targeted capital ratios. M&T's regulatory capital ratios are presented in note 23 of Notes to Financial Statements filed herewith in Part II, Item 8, "Financial Statements and Supplementary Data."

Stress Testing and Capital Plan Review

As part of the enhanced prudential requirements applicable to systemically important financial institutions, the Federal Reserve conducts annual analyses of bank holding companies with at least \$50 billion in assets, such as M&T, to determine whether the companies have sufficient capital on a consolidated basis necessary to absorb losses in three economic and financial scenarios generated by the Federal Reserve: baseline, adverse and severely adverse scenarios. M&T is also required to conduct its own semi-annual stress analysis (together with the Federal Reserve's stress analysis, the "stress tests") to assess the potential impact on M&T of the economic and financial conditions used as part of the Federal Reserve's annual stress analysis. The Federal Reserve may also use, and require companies to use, additional components in the adverse and severely adverse scenarios or additional or more complex scenarios designed to capture salient risks to specific business groups. M&T Bank is also required to conduct annual stress testing using the same economic and financial scenarios as M&T and report the results to the Federal Reserve. A summary of results of the Federal Reserve's analysis under the adverse and severely adverse stress scenarios are publicly disclosed, and bank holding companies subject to the rules, including M&T, must disclose a summary of the company-run severely adverse stress test results. M&T is required to include in its disclosure a summary of the severely adverse scenario stress test conducted by M&T Bank.

In addition, bank holding companies with total consolidated assets of \$50 billion or more, such as M&T, must submit annual capital plans for approval as part of the Federal Reserve's CCAR process. Covered bank holding companies may execute capital actions, such as paying dividends and repurchasing stock, only in accordance with a capital plan that has been reviewed and approved by the Federal Reserve (or any approved amendments to such plan). The comprehensive capital plans include a view of capital adequacy under four scenarios — a BHC-defined baseline scenario, a baseline scenario provided by the Federal Reserve, at least one BHC-defined stress scenario, and a stress scenario provided by the Federal Reserve. The CCAR process is intended to help ensure that these bank holding companies have robust, forward-looking capital planning processes that account for each company's unique risks and that permit continued operations during times of economic and financial stress. Each of the bank holding companies participating in the CCAR process is also required to collect and report certain related data to the Federal Reserve on a quarterly basis to allow the Federal Reserve to monitor progress against the approved capital plans. Each capital plan must include a view of capital adequacy under the stress test scenarios described above. The Federal Reserve may object to a capital plan if the plan does not show that the covered BHC will maintain a Tier 1 common equity ratio of at least 5% on a pro forma basis under expected and stressful conditions throughout the nine-quarter planning horizon covered by the capital plan. Even if such quantitative thresholds are met, the Federal Reserve could object to a capital plan for qualitative reasons, including inadequate assumptions in the plan, other unresolved supervisory issues or an insufficiently robust capital adequacy process, or if the capital plan would otherwise constitute an

unsafe or unsound practice or violate law. The rules also provide that a covered BHC may not make a capital distribution unless after giving effect to the distribution it will meet all minimum regulatory capital ratios and have a ratio of Tier 1 common equity to risk-weighted assets of at least 5%. The CCAR rules, consistent with prior Federal Reserve guidance, also provide that capital plans contemplating dividend payout ratios exceeding 30% of net income will receive particularly close scrutiny. M&T's annual CCAR capital plan is due in April each year and the Federal Reserve will publish the results of its supervisory CCAR review of M&T's capital plan by June 30 of each year.

The Federal Reserve generally limits a BHC's ability to make quarterly capital distributions – that is, dividends and share repurchases, if the amount of the BHC's actual cumulative quarterly capital issuances of instruments that qualify as regulatory capital are less than the BHC had indicated in its submitted capital plan as to which it received a non-objection from the Federal Reserve. For example, if the BHC issued a smaller amount of additional common stock than it had stated in its capital plan, it would be required to reduce common dividends and/or the amount of common stock repurchases so that the dollar amount of capital distributions, net of the dollar amount of additional common stock issued ("net distributions"), is no greater than the dollar amount of net distributions relating to its common stock included in its capital plan, as measured on an aggregate basis beginning in the third quarter of the nine-quarter planning horizon through the end of the then current quarter. However, not raising sufficient amounts of common stock as planned would not affect distributions related to Additional Tier 1 Capital instruments and/ or Tier 2 Capital. These limitations also contain several important qualifications and exceptions, including that scheduled dividend payments on (as opposed to repurchases of) a BHC's Additional Tier 1 Capital and Tier 2 Capital instruments are not restricted if the BHC fails to issue a sufficient amount of such instruments as planned, as well as provisions for certain de minimis excess distributions.

Liquidity

Historically, regulation and monitoring of bank and BHC liquidity has been addressed as a supervisory matter, both in the U.S. and internationally, without required formulaic measures. However, in January 2016 M&T became subject to final rules adopted by the Federal Reserve and other banking regulators ("Final LCR Rule") implementing a U.S. version of the Basel Committee's Liquidity Coverage Ratio ("LCR") requirement. The LCR requirement is intended to ensure that banks hold sufficient amounts of so-called "high quality liquid assets" ("HQLA") to cover the anticipated net cash outflows during a hypothetical acute 30-day stress scenario. The LCR is the ratio of an institution's amount of HQLA (the numerator) over projected net cash out-flows over the 30-day horizon (the denominator), in each case, as calculated pursuant to the Final LCR Rule. The Final LCR Rule requires a subject institution to maintain an LCR equal to at least 100% in order to satisfy this regulatory requirement. Only specific classes of assets, including U.S. Treasury securities, other U.S. government obligations and agency mortgage-backed securities, qualify under the rule as HQLA, with classes of assets deemed relatively less liquid and/or subject to greater degree of credit risk subject to certain haircuts and caps for purposes of calculating the numerator under the Final LCR Rule. The total net cash outflows amount is determined under the rule by applying certain hypothetical outflow and inflow rates, which reflect certain standardized stressed assumptions, against the balances of the banking organization's funding sources, obligations, transactions and assets over the 30-day stress period. Inflows that can be included to offset outflows are limited to 75% of outflows (which effectively means that banking organizations must hold high-quality liquid assets equal to 25% of outflows even if outflows perfectly match inflows over the stress period). The total net cash outflow amount for the modified LCR applicable to M&T was capped at 70% of the outflow rate that applies to the full LCR. As of January 1, 2017, the Final LCR Rule has been fully phased-in.

The Basel III framework also included a second standard, referred to as the net stable funding ratio (“NSFR”), which is designed to promote more medium-and long-term funding of the assets and activities of banks over a one-year time horizon. In May 2016, the Federal Reserve and other federal banking regulators issued a proposed rule that would implement the NSFR for large U.S. banking organizations. Under the proposed rule, the most stringent requirements would apply to bank holding companies with \$250 billion or more in total consolidated assets or \$10 billion or more in on-balance sheet foreign exposure, and would require such organizations to maintain a minimum NSFR of 1.0 on an ongoing basis, calculated by dividing the organization’s available stable funding (“ASF”) by its required stable funding (“RSF”). Bank holding companies with less than \$250 billion, but more than \$50 billion, in total consolidated assets and less than \$10 billion in on-balance sheet foreign exposure, such as M&T, would be subject to a modified NSFR requirement which would require such bank holding companies to maintain a minimum NSFR of 0.7 on an ongoing basis. Under the proposed rule, a banking organization’s ASF would be calculated by applying specified standard weightings to its equity and liabilities based on their expected stability over a one-year time horizon and its RSF would be calculated by applying specified standardized weightings to its assets, derivative exposures and commitments based on their liquidity characteristics over the same one-year time horizon. If implemented, the proposed rule would take effect on January 1, 2018.

Cross-Guarantee Provisions

Each insured depository institution “controlled” (as defined in the BHCA) by the same BHC can be held liable to the FDIC for any loss incurred, or reasonably expected to be incurred, by the FDIC due to the default of any other insured depository institution controlled by that BHC and for any assistance provided by the FDIC to any of those banks that are in danger of default. The FDIC’s claim under the cross-guarantee provisions is superior to claims of shareholders of the insured depository institution or its BHC and to most claims arising out of obligations or liabilities owed to affiliates of the institution, but is subordinate to claims of depositors, secured creditors and holders of subordinated debt (other than affiliates) of the commonly controlled insured depository institution. The FDIC may decline to enforce the cross-guarantee provisions if it determines that a waiver is in the best interest of the DIF.

Enhanced Supervision and Prudential Standards

The Dodd-Frank Act directed the Federal Reserve to enact enhanced prudential standards applicable to foreign banking organizations and bank holding companies with total consolidated assets of \$50 billion or more, such as M&T. The Federal Reserve adopted amendments to Regulation YY to implement certain of the required enhanced prudential standards. Those amendments, which are intended to help increase the resiliency of the operations of these organizations, include liquidity requirements, requirements for overall risk management (including establishing a risk committee), and a 15-to-1 debt-to-equity limit for companies that the Financial Stability Oversight Council has determined pose a grave threat to financial stability. The liquidity requirements and risk management requirements became effective as to M&T on January 1, 2015. In March 2016, the Federal Reserve issued a revised proposal regarding single counterparty credit limits, which would impose a limit on credit exposure to any counterparty.

Volcker Rule

On December 10, 2013, the federal banking regulators and the SEC adopted the so-called Volcker Rule to implement the provisions of the Dodd-Frank Act limiting proprietary trading and investing in

and sponsoring certain hedge funds and private equity funds (defined as covered funds in the Volcker Rule). The Company does not engage in any significant amount of proprietary trading as defined in the Volcker Rule and has implemented the required procedures for those areas in which trading does occur. The covered funds limits are imposed through a conformance period that is expected to end in July 2017. To comply with requirements of the Volcker Rule, during 2016, the Company sold the collateralized debt obligations that had been held in the available-for-sale investment securities portfolio.

Safety and Soundness Standards

Guidelines adopted by the federal bank regulatory agencies pursuant to the Federal Deposit Insurance Act, as amended (the "FDIA"), establish general standards relating to internal controls, information systems, internal audit systems, loan documentation, credit underwriting, interest rate exposure, asset growth, compensation, fees and benefits. In general, these guidelines require, among other things, appropriate systems and practices to identify and manage the risk and exposures specified in the guidelines. Additionally, the agencies adopted regulations that authorize, but do not require, an agency to order an institution that has been given notice by an agency that it is not satisfying any of such safety and soundness standards to submit a compliance plan. If, after being so notified, an institution fails to submit an acceptable compliance plan or fails in any material respect to implement an acceptable compliance plan, the agency must issue an order directing action to correct the deficiency and may issue an order directing other actions of the types to which an undercapitalized institution is subject. If an institution fails to comply with such an order, the agency may seek to enforce such order in judicial proceedings and to impose civil money penalties.

Limits on Undercapitalized Depository Institutions

The FDIA establishes a system of regulatory remedies to resolve the problems of undercapitalized institutions, referred to as the prompt corrective action. The federal banking regulators have established five capital categories ("well-capitalized," "adequately capitalized," "undercapitalized," "significantly undercapitalized" and "critically undercapitalized") and must take certain mandatory supervisory actions, and are authorized to take other discretionary actions, with respect to institutions which are undercapitalized, significantly undercapitalized or critically undercapitalized. The severity of these mandatory and discretionary supervisory actions depends upon the capital category in which the institution is placed. Generally, subject to a narrow exception, the FDIA requires the banking regulator to appoint a receiver or conservator for an institution that is critically undercapitalized. The FDIC has specified by regulation the relevant capital levels for each category. The Federal Reserve and the OCC have specified the same or similar levels for each category. Effective January 1, 2015, the New Capital Rules created new prompt corrective action requirements by (i) introducing a CET1 ratio requirement at each level (other than critically undercapitalized), with the required CET1 ratio being 6.5% for well-capitalized status; (ii) increasing the minimum Tier 1 capital ratio requirement for each category (other than critically undercapitalized), with the minimum Tier 1 capital ratio for well-capitalized status being 8%; and (iii) eliminating the provision that provided that a bank with a composite supervisory rating of 1 may have a 3% leverage ratio and still be adequately capitalized.

An institution that is classified as well-capitalized based on its capital levels may be classified as adequately capitalized, and an institution that is adequately capitalized or undercapitalized based upon its capital levels may be treated as though it were undercapitalized or significantly undercapitalized, respectively, if the appropriate federal banking agency, after notice and opportunity for hearing, determines that an unsafe or unsound condition or an unsafe or unsound practice warrants such treatment.

An institution that is categorized as undercapitalized, significantly undercapitalized or critically undercapitalized is required to submit an acceptable capital restoration plan to its appropriate federal banking regulator. Under the FDIA, in order for the capital restoration plan to be accepted by the appropriate federal banking agency, a BHC must guarantee that a subsidiary depository institution will comply with its capital restoration plan, subject to certain limitations. The BHC must also provide appropriate assurances of performance. The obligation of a controlling BHC under the FDIA to fund a capital restoration plan is limited to the lesser of 5.0% of an undercapitalized subsidiary's assets or the amount required to meet regulatory capital requirements. An undercapitalized institution is also generally prohibited from increasing its average total assets, making acquisitions, establishing any branches or engaging in any new line of business, except in accordance with an accepted capital restoration plan or with the approval of the FDIC. Institutions that are significantly undercapitalized or undercapitalized and either fail to submit an acceptable capital restoration plan or fail to implement an approved capital restoration plan may be subject to a number of requirements and restrictions, including orders to sell sufficient voting stock to become adequately capitalized, requirements to reduce total assets and cessation of receipt of deposits from correspondent banks. Critically undercapitalized depository institutions failing to submit or implement an acceptable capital restoration plan are subject to appointment of a receiver or conservator.

Transactions with Affiliates

There are various legal restrictions on the extent to which M&T and its non-bank subsidiaries may borrow or otherwise obtain funding from M&T Bank and Wilmington Trust, N.A. In general, Sections 23A and 23B of the Federal Reserve Act and Federal Reserve Regulation W require that any "covered transaction" by M&T Bank and Wilmington Trust, N.A. (or any of their respective subsidiaries) with an affiliate must in certain cases be secured by designated amounts of specified collateral and must be limited as follows: (a) in the case of any single such affiliate, the aggregate amount of covered transactions of the insured depository institution and its subsidiaries may not exceed 10% of the capital stock and surplus of such insured depository institution, and (b) in the case of all affiliates, the aggregate amount of covered transactions of an insured depository institution and its subsidiaries may not exceed 20% of the capital stock and surplus of such insured depository institution. The Dodd-Frank Act significantly expanded the coverage and scope of the limitations on affiliate transactions within a banking organization, including for example, the requirement that the 10% of capital limit on covered transactions begin to apply to financial subsidiaries. "Covered transactions" are defined by statute to include, among other things, a loan or extension of credit, as well as a purchase of securities issued by an affiliate, a purchase of assets (unless otherwise exempted by the Federal Reserve) from the affiliate, certain derivative transactions that create a credit exposure to an affiliate, the acceptance of securities issued by the affiliate as collateral for a loan, and the issuance of a guarantee, acceptance or letter of credit on behalf of an affiliate. All covered transactions, including certain additional transactions (such as transactions with a third party in which an affiliate has a financial interest), must be conducted on market terms.

FDIC Insurance Assessments

Deposit Insurance Assessments. M&T Bank and Wilmington Trust, N.A. pay deposit insurance premiums to the FDIC based on an assessment rate established by the FDIC. Deposit insurance assessments are based on average total assets minus average tangible equity. For larger institutions, such as M&T Bank, the FDIC uses a performance score and a loss-severity score that are used to calculate an initial assessment rate. In calculating these scores, the FDIC uses a bank's capital level and supervisory ratings and certain financial measures to assess an institution's ability to withstand asset-related stress and funding-related stress. The FDIC has the ability to make discretionary

adjustments to the total score based upon significant risk factors that are not adequately captured in the calculations.

In its DIF restoration plan, the FDIC designated that the DIF reserve ratio should be 1.35% by September 2020. In March 2016, the FDIC adopted a final rule that imposes a surcharge on the assessments of depository institutions with \$10 billion or more in assets, including M&T Bank, beginning in the quarter following the quarter that the DIF surpasses 1.15% and continuing through the earlier of the quarter that the reserve ratio first reaches or exceeds 1.35% or December 31, 2018.

In August 2016, the FDIC announced that the DIF reserve ratio had surpassed 1.15% as of June 30, 2016. As a result, beginning in the third quarter of 2016, the range of initial assessment ranges for all institutions were adjusted downward such that the initial base deposit insurance assessment rate ranges from 3 to 30 basis points on an annualized basis. After the effect of potential base-rate adjustments, the total base assessment rate could range from 1.5 to 40 basis points on an annualized basis. Nevertheless, at the same time depository institutions with \$10 billion or more in assets, including M&T Bank, became subject to the surcharge referred to in the preceding paragraph. Additionally, an institution must pay an additional premium equal to 50 basis points on every dollar (above 3% of an institution's Tier 1 capital) of long-term, unsecured debt held that was issued by another insured depository institution. M&T Bank recognized \$98 million of expense related to its FDIC assessment and large bank surcharge and Wilmington Trust, N.A. recognized \$417 thousand of FDIC insurance expense in 2016.

Under the FDIA, insurance of deposits may be terminated by the FDIC upon a finding that the institution has engaged in unsafe and unsound practices, is in an unsafe or unsound condition to continue operations, or has violated any applicable law, regulation, rule, order or condition imposed by the FDIC.

FICO Assessments. In addition, the Deposit Insurance Funds Act of 1996 authorized the Financing Corporation ("FICO") to impose assessments on DIF applicable deposits in order to service the interest on FICO's bond obligations from deposit insurance fund assessments. The amount assessed on individual institutions by FICO is in addition to the amount, if any, paid for deposit insurance according to the FDIC's risk-related assessment rate schedules. FICO assessment rates may be adjusted quarterly to reflect a change in assessment base. M&T Bank recognized \$6 million of expense related to its FICO assessments and Wilmington Trust, N.A. recognized \$53 thousand of such expense in 2016.

Acquisitions

The BHCA requires every BHC to obtain the prior approval of the Federal Reserve before: (1) it may acquire direct or indirect ownership or control of any voting shares of any bank or savings and loan association, if after such acquisition, the BHC will directly or indirectly own or control 5% or more of the voting shares of the institution; (2) it or any of its subsidiaries, other than a bank, may acquire all or substantially all of the assets of any bank or savings and loan association; or (3) it may merge or consolidate with any other BHC. Since July 2011, financial holding companies and bank holding companies with consolidated assets exceeding \$50 billion, such as M&T, have been required to (i) obtain prior approval from the Federal Reserve before acquiring certain nonbank financial companies with assets exceeding \$10 billion and (ii) provide prior written notice to the Federal Reserve before acquiring direct or indirect ownership or control of any voting shares of any company having consolidated assets of \$10 billion or more.

The BHCA further provides that the Federal Reserve may not approve any transaction that would result in a monopoly or would be in furtherance of any combination or conspiracy to monopolize or attempt to monopolize the business of banking in any section of the United States, or the effect of which may be substantially to lessen competition or to tend to create a monopoly in any section of the country, or that in any other manner would be in restraint of trade, unless the anticompetitive effects of the proposed transaction are clearly outweighed by the public interest in

meeting the convenience and needs of the community to be served. The Federal Reserve is also required to consider the financial and managerial resources and future prospects of the bank holding companies and banks concerned and the convenience and needs of the community to be served. Consideration of financial resources generally focuses on capital adequacy, and consideration of convenience and needs issues includes the parties' performance under the CRA and compliance with consumer protection laws. The Federal Reserve must take into account the institutions' effectiveness in combating money laundering. In addition, pursuant to the Dodd-Frank Act, the BHCA was amended to require the Federal Reserve, when evaluating a proposed transaction, to consider the extent to which the transaction would result in greater or more concentrated risks to the stability of the United States banking or financial system.

Executive and Incentive Compensation

Guidelines adopted by the federal banking agencies prohibit excessive compensation as an unsafe and unsound practice and describe compensation as excessive when the amounts paid are unreasonable or disproportionate to the services performed by an executive officer, employee, director or principal stockholder. The Federal Reserve has issued comprehensive guidance on incentive compensation policies (the "Incentive Compensation Guidance") intended to ensure that the incentive compensation policies of banking organizations do not undermine the safety and soundness of such organizations by encouraging excessive risk-taking. The Incentive Compensation Guidance, which covers all employees that have the ability to materially affect the risk profile of an organization, either individually or as part of a group, is based upon the key principles that a banking organization's incentive compensation arrangements should (i) provide incentives that do not encourage risk-taking beyond the organization's ability to effectively identify and manage risks, (ii) be compatible with effective internal controls and risk management, and (iii) be supported by strong corporate governance, including active and effective oversight by the organization's board of directors. These three principles are incorporated into the proposed joint compensation regulations under the Dodd-Frank Act, discussed below. Any deficiencies in compensation practices that are identified may be incorporated into the organization's supervisory ratings, which can affect its ability to make acquisitions or perform other actions. The Incentive Compensation Guidance provides that enforcement actions may be taken against a banking organization if its incentive compensation arrangements or related risk-management control or governance processes pose a risk to the organization's safety and soundness and the organization is not taking prompt and effective measures to correct the deficiencies.

The Dodd-Frank Act requires the federal bank regulatory agencies and the SEC to establish joint regulations or guidelines prohibiting incentive-based payment arrangements at specified regulated entities having at least \$1 billion in total assets, such as M&T and M&T Bank. The agencies proposed initial regulations in April 2011 and proposed revised regulations during the second quarter of 2016 that would establish general qualitative requirements applicable to all covered entities, additional specific requirements for entities with total consolidated assets of at least \$50 billion, such as M&T, and further, more stringent requirements for those with total consolidated assets of at least \$250 billion. The general qualitative requirements include (i) prohibiting incentive arrangements that encourage inappropriate risks by providing excessive compensation; (ii) prohibiting incentive arrangements that encourage inappropriate risks that could lead to a material financial loss; (iii) establishing requirements for performance measures to appropriately balance risk and reward; (iv) requiring board of director oversight of incentive arrangements; and (v) mandating appropriate record-keeping. For larger financial institutions, including M&T, the proposed revised regulations would also introduce additional requirements applicable only to "senior executive officers" and "significant risk-takers" (as defined in the proposed regulations), including (i) limits on performance measures and leverage relating to performance targets; (ii) minimum deferral periods;

and (iii) subjecting incentive compensation to possible downward adjustment, forfeiture and clawback. If the final regulations are adopted in the form proposed, they will impose limitations on the manner in which M&T may structure compensation for its executives.

In October 2016, the NYDFS issued guidance emphasizing that its regulated banking institutions, including M&T Bank, must ensure that any incentive compensation arrangements tied to employee performance indicators are subject to effective risk management, oversight and control.

The scope and content of the banking regulators' policies on incentive compensation are continuing to develop and are likely to continue evolving in the future. It cannot be determined at this time whether compliance with such policies will adversely affect the ability of M&T and its subsidiaries to hire, retain and motivate their key employees.

Resolution Planning

Bank holding companies with consolidated assets of \$50 billion or more, such as M&T, are required to report periodically to regulators a resolution plan for their rapid and orderly resolution in the event of material financial distress or failure. M&T's resolution plan must, among other things, ensure that its depository institution subsidiaries are adequately protected from risks arising from its other subsidiaries. The regulation adopted by the Federal Reserve and FDIC sets specific standards for the resolution plans, including requiring a strategic analysis of the plan's components, a description of the range of specific actions the company proposes to take in resolution, and a description of the company's organizational structure, material entities, interconnections and interdependencies, and management information systems, among other elements. In addition, insured depository institutions with \$50 billion or more in total assets, such as M&T Bank, are required to submit to the FDIC periodic plans for resolution in the event of the institution's failure. M&T and M&T Bank most recently submitted resolution plans in December 2015, as required. The next resolution plans that M&T and M&T Bank will be required to file must be submitted by December 31, 2017.

Insolvency of an Insured Depository Institution or a Bank Holding Company

If the FDIC is appointed as conservator or receiver for an insured depository institution such as M&T Bank or Wilmington Trust, N.A., upon its insolvency or in certain other events, the FDIC has the power:

- to transfer any of the depository institution's assets and liabilities to a new obligor, including a newly formed "bridge" bank without the approval of the depository institution's creditors;
- to enforce the terms of the depository institution's contracts pursuant to their terms without regard to any provisions triggered by the appointment of the FDIC in that capacity; or
- to repudiate or disaffirm any contract or lease to which the depository institution is a party, the performance of which is determined by the FDIC to be burdensome and the disaffirmance or repudiation of which is determined by the FDIC to promote the orderly administration of the depository institution.

In addition, under federal law, the claims of holders of domestic deposit liabilities and certain claims for administrative expenses against an insured depository institution would be afforded a priority over other general unsecured claims against such an institution, including claims of debt holders of the institution, in the "liquidation or other resolution" of such an institution by any receiver. As a result, whether or not the FDIC ever sought to repudiate any debt obligations of M&T Bank or Wilmington Trust, N.A., the debt holders would be treated differently from, and could receive, if anything, substantially less than, the depositors of the bank. The Dodd-Frank Act created a

new resolution regime (known as “orderly liquidation authority”) for systemically important financial companies, including bank holding companies and their affiliates. Under the orderly liquidation authority, the FDIC may be appointed as receiver for the systemically important institution, and its failed subsidiaries, for purposes of liquidating the entity if, among other conditions, it is determined at the time of the institution’s failure that it is in default or in danger of default and the failure poses a risk to the stability of the U.S. financial system.

If the FDIC is appointed as receiver under the orderly liquidation authority, then the powers of the receiver, and the rights and obligations of creditors and other parties who have dealt with the institution, would be determined under the Dodd-Frank Act provisions, and not under the insolvency law that would otherwise apply. The powers of the receiver under the orderly liquidation authority were based on the powers of the FDIC as receiver for depository institutions under the FDIA. However, the provisions governing the rights of creditors under the orderly liquidation authority were modified in certain respects to reduce disparities with the treatment of creditors’ claims under the U.S. Bankruptcy Code as compared to the treatment of those claims under the new authority. Nonetheless, substantial differences in the rights of creditors exist as between these two regimes, including the right of the FDIC to disregard the strict priority of creditor claims in some circumstances, the use of an administrative claims procedure to determine creditors’ claims (as opposed to the judicial procedure utilized in bankruptcy proceedings), and the right of the FDIC to transfer claims to a “bridge” entity.

An orderly liquidation fund will fund such liquidation proceedings through borrowings from the Treasury Department and risk-based assessments made, first, on entities that received more in the resolution than they would have received in liquidation to the extent of such excess, and second, if necessary, on bank holding companies with total consolidated assets of \$50 billion or more, such as M&T. If an orderly liquidation is triggered, M&T could face assessments for the orderly liquidation fund.

The FDIC has developed a strategy under the orderly liquidation authority referred to as the “single point of entry” strategy, under which the FDIC would resolve a failed financial holding company by transferring its assets (including shares of its operating subsidiaries) and, potentially, very limited liabilities to a “bridge” holding company; utilize the resources of the failed financial holding company to recapitalize the operating subsidiaries; and satisfy the claims of unsecured creditors of the failed financial holding company and other claimants in the receivership by delivering securities of one or more new financial companies that would emerge from the bridge holding company. Under this strategy, management of the failed financial holding company would be replaced and shareholders and creditors of the failed financial holding company would bear the losses resulting from the failure.

Depositor Preference

Under federal law, depositors and certain claims for administrative expenses and employee compensation against an insured depository institution would be afforded a priority over other general unsecured claims against such an institution in the “liquidation or other resolution” of such an institution by any receiver. If an insured depository institution fails, insured and uninsured depositors, along with the FDIC, will have priority in payment ahead of unsecured, non-deposit creditors, including depositors whose deposits are payable only outside of the United States and the parent BHC, with respect to any extensions of credit they have made to such insured depository institution.

Financial Privacy and Cybersecurity

The federal banking regulators have adopted rules that limit the ability of banks and other financial institutions to disclose non-public information about consumers to non-affiliated third parties. These limitations require disclosure of privacy policies to consumers and, in some circumstances, allow

consumers to prevent disclosure of certain personal information to a non-affiliated third party. These regulations affect how consumer information is transmitted through diversified financial companies and conveyed to outside vendors. In addition, consumers may also prevent disclosure of certain information among affiliated companies that is assembled or used to determine eligibility for a product or service, such as that shown on consumer credit reports and asset and income information from applications. Consumers also have the option to direct banks and other financial institutions not to share information about transactions and experiences with affiliated companies for the purpose of marketing products or services. Federal law makes it a criminal offense, except in limited circumstances, to obtain or attempt to obtain customer information of a financial nature by fraudulent or deceptive means.

In October 2016, the federal banking regulators jointly issued an advance notice of proposed rulemaking on enhanced cyber risk management standards that are intended to increase the operational resilience of large and interconnected entities under their supervision. Once established, the enhanced cyber risk management standards would help to reduce the potential impact of a cyber-attack or other cyber-related failure on the financial system. The advance notice of proposed rulemaking addresses five categories of cyber standards: (1) cyber risk governance; (2) cyber risk management; (3) internal dependency management; (4) external dependency management; and (5) incident response, cyber resilience, and situational awareness. In December 2016, the NYSDFS re-proposed regulations that would require financial institutions regulated by the NYSDFS, including M&T Bank, to, among other things, (i) establish and maintain a cyber security program designed to ensure the confidentiality, integrity and availability of their information systems; (ii) implement and maintain a written cyber security policy setting forth policies and procedures for the protection of their information systems and nonpublic information; and (iii) designate a Chief Information Security Officer.

Consumer Protection Laws and the Consumer Financial Protection Bureau Supervision

In connection with their respective lending and leasing activities, M&T Bank, Wilmington Trust, N.A. and certain of their subsidiaries, are each subject to a number of federal and state laws designed to protect borrowers and promote lending to various sectors of the economy. These laws include the Equal Credit Opportunity Act, the Fair Credit Reporting Act, the Fair and Accurate Credit Transactions Act, the Truth in Lending Act, the Home Mortgage Disclosure Act, and the Real Estate Settlement Procedures Act, and various state law counterparts. They are also subject to consumer protection laws governing their deposit taking activities, as well securities and insurance laws governing certain aspects of their consolidated operations. Furthermore, the Bureau of Consumer Financial Protection (“CFPB”) has issued integrated disclosure requirements under the Truth-in-Lending Act and the Real Estate Settlement Procedures Act that relate to the provision of disclosures to borrowers.

The Dodd-Frank Act established the CFPB with broad powers to supervise and enforce most federal consumer protection laws. The CFPB has broad rule-making authority for a wide range of consumer protection laws that apply to all banks and savings institutions, including the authority to prohibit “unfair, deceptive or abusive” acts and practices. The CFPB has examination and enforcement authority over all banks and savings institutions with more than \$10 billion in assets, including M&T Bank.

The CFPB has focused on:

- risks to consumers and compliance with the federal consumer financial laws, when it evaluates the policies and practices of a financial institution;
- the markets in which firms operate and risks to consumers posed by activities in those markets;
- depository institutions that offer a wide variety of consumer financial products and services;
- depository institutions with a more specialized focus; and
- non-depository companies that offer one or more consumer financial products or services.

The Electronic Fund Transfer Act prohibits financial institutions from charging consumers fees for paying overdrafts on automated teller machines (“ATM”) and one-time debit card transactions, unless a consumer consents, or opts in, to the overdraft service for those type of transactions. If a consumer does not opt in, any ATM transaction or debit that overdraws the consumer’s account will be denied. Overdrafts on the payment of checks and regular electronic bill payments are not covered by this rule. Before opting in, the consumer must be provided a notice that explains the financial institution’s overdraft services, including the fees associated with the service, and the consumer’s choices. Financial institutions must provide consumers who do not opt in with the same account terms, conditions and features (including pricing) that they provide to consumers who do opt in.

Community Reinvestment Act

The CRA is intended to encourage depository institutions to help meet the credit needs of the communities in which they operate, including low- and moderate-income neighborhoods, consistent with safe and sound operations. CRA examinations are conducted by the federal agencies that are responsible for supervising depository institutions: the Federal Reserve, the FDIC and the OCC. A financial institution's performance in helping to meet the credit needs of its community is evaluated in the context of information about the institution (capacity, constraints and business strategies), its community (demographic and economic data, lending, investment, and service opportunities), and its competitors and peers. Upon completion of a CRA examination, an overall CRA Rating is assigned using a four-tiered rating system. These ratings are: “Outstanding,” “Satisfactory,” “Needs to Improve” and “Substantial Noncompliance.” The CRA evaluation is used in evaluating applications for future approval of bank activities including mergers, acquisitions, charters, branch openings and deposit facilities. M&T Bank has a rating of “Outstanding.” M&T Bank is also subject to New York State CRA examination and is assessed using a 1 to 4 scoring system. M&T Bank has an “Outstanding” rating from the NYSDFS. Wilmington Trust, N.A. was subject to the CRA until March 3, 2016 when the OCC changed its designation of Wilmington Trust, N.A. to a special purpose trust company, which exempts Wilmington Trust, N.A. from the requirements of the CRA.

Bank Secrecy and Anti-Money Laundering

Federal laws and regulations impose obligations on U.S. financial institutions, including banks and broker/dealer subsidiaries, to implement and maintain appropriate policies, procedures and controls which are reasonably designed to prevent, detect and report instances of money laundering and the financing of terrorism and to verify the identity of their customers. In addition, these provisions require the federal financial institution regulatory agencies to consider the effectiveness of a financial institution’s anti-money laundering activities when reviewing bank mergers and BHC acquisitions. Failure of a financial institution to maintain and implement adequate programs to combat money laundering and terrorist financing could have serious legal and reputational consequences for the institution. As a result of an inspection by the Federal Reserve Bank of New York, on June 17, 2013

M&T and M&T Bank entered into a written agreement with the Federal Reserve Bank of New York related to M&T Bank's Bank Secrecy Act/Anti-Money Laundering Program pursuant to which M&T and M&T Bank have implemented a BSA/AML program with significantly expanded scale and scope. M&T and M&T Bank are continuing to work towards the resolution of all outstanding issues in the written agreement.

Office of Foreign Assets Control Regulation

The United States has imposed economic sanctions that affect transactions with designated foreign countries, nationals and others. These are typically known as the "OFAC" rules based on their administration by the U.S. Treasury Department Office of Foreign Assets Control ("OFAC"). The OFAC-administered sanctions targeting countries take many different forms. Generally, however, they contain one or more of the following elements: (i) restrictions on trade with or investment in a sanctioned country, including prohibitions against direct or indirect imports from and exports to a sanctioned country and prohibitions on "U.S. persons" engaging in financial transactions relating to making investments in, or providing investment-related advice or assistance to, a sanctioned country; and (ii) a blocking of assets in which the government or specially designated nationals of the sanctioned country have an interest, by prohibiting transfers of property subject to U.S. jurisdiction (including property in the possession or control of U.S. persons). Blocked assets (e.g. property and bank deposits) cannot be paid out, withdrawn, set off or transferred in any manner without a license from OFAC. Failure to comply with these sanctions could have serious legal and reputational consequences.

Regulation of Insurers and Insurance Brokers

The Company's operations in the areas of insurance brokerage and reinsurance of credit life insurance are subject to regulation and supervision by various state insurance regulatory authorities. Although the scope of regulation and form of supervision may vary from state to state, insurance laws generally grant broad discretion to regulatory authorities in adopting regulations and supervising regulated activities. This supervision generally includes the licensing of insurance brokers and agents and the regulation of the handling of customer funds held in a fiduciary capacity. Certain of M&T's insurance company subsidiaries are subject to extensive regulatory supervision and to insurance laws and regulations requiring, among other things, maintenance of capital, record keeping, reporting and examinations.

Federal Reserve Policies

The earnings of the Company are significantly affected by the monetary and fiscal policies of governmental authorities, including the Federal Reserve. Among the instruments of monetary policy used by the Federal Reserve are open-market operations in U.S. Government securities and federal funds, changes in the discount rate on member bank borrowings and changes in reserve requirements against member bank deposits. These instruments of monetary policy are used in varying combinations to influence the overall level of bank loans, investments and deposits, and the interest rates charged on loans and paid for deposits. The Federal Reserve frequently uses these instruments of monetary policy, especially its open-market operations and the discount rate, to influence the level of interest rates and to affect the strength of the economy, the level of inflation or the price of the dollar in foreign exchange markets. The monetary policies of the Federal Reserve have had a significant effect on the operating results of banking institutions in the past and are expected to continue to do so in the future. It is not possible to predict the nature of future changes in monetary and fiscal policies or the effect which they may have on the Company's business and earnings.

Competition

The Company competes in offering commercial and personal financial services with other banking institutions and with firms in a number of other industries, such as thrift institutions, credit unions, personal loan companies, sales finance companies, leasing companies, securities firms and insurance companies. Furthermore, diversified financial services companies are able to offer a combination of these services to their customers on a nationwide basis. The Company's operations are significantly impacted by state and federal regulations applicable to the banking industry. Moreover, the provisions of the Gramm-Leach-Bliley Act of 1999, the Interstate Banking Act and the Banking Law have allowed for increased competition among diversified financial services providers.

Other Information

Through a link on the Investor Relations section of M&T's website at www.mtb.com, copies of M&T's Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K, and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act, are made available, free of charge, as soon as reasonably practicable after electronically filing such material with, or furnishing it to, the SEC. Copies of such reports and other information are also available at no charge to any person who requests them or at www.sec.gov. Such requests may be directed to M&T Bank Corporation, Shareholder Relations Department, One M&T Plaza, 8th Floor, Buffalo, NY 14203-2399 (Telephone: (716) 842-5138). The public may read and copy any materials that M&T files with the SEC at the SEC's Public Reference Room at 100 F Street, N.E., Washington D.C. 20549. The public may obtain information about the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330.

Corporate Governance

M&T's Corporate Governance Standards and the following corporate governance documents are also available on M&T's website at the Investor Relations link: Disclosure and Regulation FD Policy; Executive Committee Charter; Nomination, Compensation and Governance Committee Charter; Audit Committee Charter; Risk Committee Charter; Financial Reporting and Disclosure Controls and Procedures Policy; Code of Ethics for CEO and Senior Financial Officers; Code of Business Conduct and Ethics; Employee Complaint Procedures for Accounting and Auditing Matters; and Excessive or Luxury Expenditures Policy. Copies of such governance documents are also available, free of charge, to any person who requests them. Such requests may be directed to M&T Bank Corporation, Shareholder Relations Department, One M&T Plaza, 8th Floor, Buffalo, NY 14203-2399 (Telephone: (716) 842-5138).

Statistical Disclosure Pursuant to Guide 3

See cross-reference sheet for disclosures incorporated elsewhere in this Annual Report on Form 10-K. Additional information is included in the following tables.

Table 1

SELECTED CONSOLIDATED YEAR-END BALANCES

	2016	2015	2014	2013	2012
	(In thousands)				
Interest-bearing deposits at banks	\$5,000,638	\$7,594,350	\$6,470,867	\$1,651,138	\$129,945
Federal funds sold	—	—	83,392	99,573	3,000
Trading account	323,867	273,783	308,175	376,131	488,966
Investment securities					
U.S. Treasury and federal agencies	15,090,578	14,540,237	12,042,390	7,770,767	4,007,725
Obligations of states and political subdivisions	64,499	124,459	157,159	180,495	203,004
Other	1,095,391	991,743	793,993	845,235	1,863,632
Total investment securities	16,250,468	15,656,439	12,993,542	8,796,497	6,074,361
Loans and leases					
Commercial, financial, leasing, etc.	22,770,629	20,576,737	19,617,253	18,876,166	17,973,140
Real estate — construction	8,066,756	5,716,994	5,061,269	4,457,650	3,772,413
Real estate — mortgage	48,134,198	49,841,156	31,250,968	30,711,440	33,494,359
Consumer	12,130,094	11,584,347	10,969,879	10,280,527	11,550,274
Total loans and leases	91,101,677	87,719,234	66,899,369	64,325,783	66,790,186
Unearned discount	(248,261)	(229,735)	(230,413)	(252,624)	(219,229)
Loans and leases, net of unearned discount	90,853,416	87,489,499	66,668,956	64,073,159	66,570,957
Allowance for credit losses	(988,997)	(955,992)	(919,562)	(916,676)	(925,860)
Loans and leases, net	89,864,419	86,533,507	65,749,394	63,156,483	65,645,097
Goodwill	4,593,112	4,593,112	3,524,625	3,524,625	3,524,625
Core deposit and other intangible assets	97,655	140,268	35,027	68,851	115,763
Real estate and other assets owned	139,206	195,085	63,635	66,875	104,279
Total assets	123,449,206	122,787,884	96,685,535	85,162,391	83,008,803
Noninterest-bearing deposits	32,813,896	29,110,635	26,947,880	24,661,007	24,240,802
Savings and interest-checking deposits	52,346,207	49,566,644	43,393,618	38,611,021	35,763,566
Time deposits	10,131,846	13,110,392	3,063,973	3,523,838	4,562,366
Deposits at Cayman Islands office	201,927	170,170	176,582	322,746	1,044,519
Total deposits	95,493,876	91,957,841	73,582,053	67,118,612	65,611,253
Short-term borrowings	163,442	2,132,182	192,676	260,455	1,074,482
Long-term borrowings	9,493,835	10,653,858	9,006,959	5,108,870	4,607,758
Total liabilities	106,962,584	106,614,595	84,349,639	73,856,859	72,806,210
Shareholders' equity	16,486,622	16,173,289	12,335,896	11,305,532	10,202,593

Table 2

SHAREHOLDERS, EMPLOYEES AND OFFICES

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Number at Year-End	2016	2015	2014	2013	2012
Shareholders	19,802	20,693	14,551	15,015	15,623
Employees	16,973	17,476	15,782	15,893	14,943
Offices	855	863	766	796	799

Table 3

CONSOLIDATED EARNINGS

	2016	2015	2014	2013	2012
	(In thousands)				
Interest income					
Loans and leases, including fees	\$3,485,050	\$2,778,151	\$2,596,586	\$2,734,708	\$2,704,156
Investment securities					
Fully taxable	361,494	372,162	340,391	209,244	227,116
Exempt from federal taxes	2,606	4,263	5,356	6,802	8,045
Deposits at banks	45,516	15,252	13,361	5,201	1,221
Other	1,205	1,016	1,183	1,379	1,147
Total interest income	3,895,871	3,170,844	2,956,877	2,957,334	2,941,685
Interest expense					
Savings and interest-checking deposits	87,704	46,140	46,869	56,235	69,354
Time deposits	102,841	27,059	15,515	26,439	46,102
Deposits at Cayman Islands office	797	615	699	1,018	1,130
Short-term borrowings	3,625	1,677	101	430	1,286
Long-term borrowings	231,017	252,766	217,247	199,983	225,297
Total interest expense	425,984	328,257	280,431	284,105	343,169
Net interest income	3,469,887	2,842,587	2,676,446	2,673,229	2,598,516
Provision for credit losses	190,000	170,000	124,000	185,000	204,000
Net interest income after provision for credit losses	3,279,887	2,672,587	2,552,446	2,488,229	2,394,516
Other income					
Mortgage banking revenues	373,697	375,738	362,912	331,265	349,064
Service charges on deposit accounts	419,102	420,608	427,956	446,941	446,698
Trust income	472,184	470,640	508,258	496,008	471,852
Brokerage services income	63,423	64,770	67,212	65,647	59,059
Trading account and foreign exchange gains	41,126	30,577	29,874	40,828	35,634
Gain (loss) on bank investment securities	30,314	(130)	—	56,457	9
Total other-than-temporary impairment (“OTTI”) losses	—	—	—	(1,884)	(32,067)
Portion of OTTI losses recognized in other comprehensive income (before taxes)	—	—	—	(7,916)	(15,755)
Net OTTI losses recognized in earnings	—	—	—	(9,800)	(47,822)
Other revenues from operations	426,150	462,834	383,061	437,859	352,776
Total other income	1,825,996	1,825,037	1,779,273	1,865,205	1,667,270
Other expense					
Salaries and employee benefits	1,623,600	1,549,530	1,404,950	1,355,178	1,314,540
Equipment and net occupancy	295,141	272,539	269,299	264,327	257,551
Outside data processing and software	172,389	164,133	151,568	134,011	125,252
FDIC assessments	105,045	52,113	55,531	69,584	101,110
Advertising and marketing	87,137	59,227	47,111	56,597	52,388
Printing, postage and supplies	39,546	38,491	38,201	39,557	41,929
Amortization of core deposit and other intangible assets	42,613	26,424	33,824	46,912	60,631

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Other costs of operations	682,014	660,475	688,990	621,700	516,350
Total other expense	3,047,485	2,822,932	2,689,474	2,587,866	2,469,751
Income before income taxes	2,058,398	1,674,692	1,642,245	1,765,568	1,592,035
Income taxes	743,284	595,025	575,999	627,088	562,537
Net income	\$1,315,114	\$1,079,667	\$1,066,246	\$1,138,480	\$1,029,498
Dividends declared					
Common	\$441,765	\$374,912	\$371,137	\$365,171	\$357,862
Preferred	81,270	81,270	75,878	53,450	53,450

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Table 4

COMMON SHAREHOLDER DATA

	2016	2015	2014	2013	2012
Per share					
Net income					
Basic	\$7.80	\$7.22	\$7.47	\$8.26	\$7.57
Diluted	7.78	7.18	7.42	8.20	7.54
Cash dividends declared	2.80	2.80	2.80	2.80	2.80
Common shareholders' equity at year-end	97.64	93.60	83.88	79.81	72.73
Tangible common shareholders' equity at					
year-end	67.85	64.28	57.06	52.45	44.61
Dividend payout ratio	35.81%	37.56%	37.49%	33.94%	36.98%

Table 5

CHANGES IN INTEREST INCOME AND EXPENSE(a)

	2016 Compared with 2015			2015 Compared with 2014		
	Resulting from			Resulting from		
	Total	Changes in:		Total	Changes in:	
	Change	Volume	Rate	Change	Volume	Rate
	(Increase (decrease) in thousands)					
Interest income						
Loans and leases, including fees	\$710,191	703,099	7,092	\$182,975	248,119	(65,144)
Deposits at banks	30,264	10,805	19,459	1,891	1,267	624
Federal funds sold and agreements to resell						
securities	(32)	(65)	33	(29)	(48)	19
Trading account	195	(31)	226	(134)	169	(303)
Investment securities						
U.S. Treasury and federal agencies	(3,947)	12,524	(16,471)	32,695	77,565	(44,870)
Obligations of states and political						
subdivisions	(2,552)	(2,251)	(301)	(1,724)	(1,052)	(672)
Other	(6,593)	3,890	(10,483)	(886)	(20)	(866)
Total interest income	\$727,526			\$214,788		
Interest expense						
Interest-bearing deposits						
Savings and interest-checking deposits	\$41,564	10,724	30,840	\$(729)	3,031	(3,760)
Time deposits	75,782	59,607	16,175	11,544	7,356	4,188

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Deposits at Cayman Islands office	182	(53)	235	(84)	(273)	189
Short-term borrowings	1,948	1,288	660	1,576	363	1,213
Long-term borrowings	(21,749)	857	(22,606)	35,519	71,014	(35,495)
Total interest expense	\$97,727		\$47,826			

(a) Interest income data are on a taxable-equivalent basis. The apportionment of changes resulting from the combined effect of both volume and rate was based on the separately determined volume and rate changes.

Item 1A. Risk Factors.

M&T and its subsidiaries could be adversely impacted by a number of risks and uncertainties that are difficult to predict. As a financial institution certain risk elements are inherent in the ordinary course of the Company's business activities and adverse experience with those risks could have a material impact on the Company's business, financial condition and results of operations, as well as on the values of the Company's financial instruments and M&T's common stock. The Company has developed a risk management process to identify, understand, mitigate and balance its exposure to significant risks. The following risk factors set forth some of the risks that could materially and adversely impact the Company.

Market Risk

Weakness in the economy has adversely affected the Company in the past and may adversely affect the Company in the future.

Poor business and economic conditions in general or specifically in markets served by the Company could have one or more of the following adverse effects on the Company's business:

- A decrease in the demand for loans and other products and services offered by the Company.
- A decrease in net interest income derived from the Company's lending and deposit gathering activities.
- A decrease in the value of the Company's investment securities, loans held for sale or other assets secured by residential or commercial real estate.
 - Other-than-temporary impairment of investment securities in the Company's investment securities portfolio.
- A decrease in fees from the Company's brokerage and trust businesses associated with declines or lack of growth in stock market prices.
- Potential higher FDIC assessments due to the DIF falling below minimum required levels.
- An impairment of certain intangible assets, such as goodwill.
- An increase in the number of customers and counterparties who become delinquent, file for protection under bankruptcy laws or default on their loans or other obligations to the Company. An increase in the number of delinquencies, bankruptcies or defaults could result in higher levels of nonperforming assets, net charge-offs, provision for credit losses and valuation adjustments on loans held for sale.

The Company's business and financial performance is impacted significantly by market interest rates and movements in those rates. The monetary, tax and other policies of governmental agencies, including the Federal Reserve, have a significant impact on interest rates and overall financial market performance over which the Company has no control and which the Company may not be able to anticipate adequately.

As a result of the high percentage of the Company's assets and liabilities that are in the form of interest-bearing or interest-related instruments, changes in interest rates, in the shape of the yield curve or in spreads between different market interest rates, can have a material effect on the Company's business and profitability and the value of the Company's assets and liabilities. For example:

- Changes in interest rates or interest rate spreads can affect the difference between the interest that the Company earns on assets and the interest that the Company pays on

liabilities, which impacts the Company's overall net interest income and profitability.

Such changes can affect the ability of borrowers to meet obligations under variable or adjustable rate loans and other debt instruments, and can, in turn, affect the Company's loss rates on those assets.

Such changes may decrease the demand for interest rate based products and services, including loans and deposits.

Such changes can also affect the Company's ability to hedge various forms of market and interest rate risk and may decrease the profitability or protection or increase the risk or cost associated with such hedges.

Movements in interest rates also affect mortgage prepayment speeds and could result in the impairment of capitalized mortgage servicing assets, reduce the value of loans held for sale and increase the volatility of mortgage banking revenues, potentially adversely affecting the Company's results of operations.

The monetary, tax and other policies of the government and its agencies, including the Federal Reserve, have a significant impact on interest rates and overall financial market performance. These governmental policies can thus affect the activities and results of operations of banking companies such as the Company. An important function of the Federal Reserve is to regulate the national supply of bank credit and certain interest rates. The actions of the Federal Reserve influence the rates of interest that the Company charges on loans and that the Company pays on borrowings and interest-bearing deposits and can also affect the value of the Company's on-balance sheet and off-balance sheet financial instruments. Also, due to the impact on rates for short-term funding, the Federal Reserve's policies also influence, to a significant extent, the Company's cost of such funding. In addition, the Company is routinely subject to examinations from various governmental taxing authorities. Such examinations may result in challenges to the tax return treatment applied by the Company to specific transactions. Management believes that the assumptions and judgment used to record tax-related assets or liabilities have been appropriate. Should tax laws change or the tax authorities determine that management's assumptions were inappropriate, the result and adjustments required could have a material effect on the Company's results of operations. M&T cannot predict the nature or timing of future changes in monetary, tax and other policies or the effect that they may have on the Company's business activities, financial condition and results of operations.

The Company's business and performance is vulnerable to the impact of volatility in debt and equity markets.

As most of the Company's assets and liabilities are financial in nature, the Company's performance tends to be sensitive to the performance of the financial markets. Turmoil and volatility in U.S. and global financial markets can be a major contributory factor to overall weak economic conditions, leading to some of the risks discussed herein, including the impaired ability of borrowers and other counterparties to meet obligations to the Company. Financial market volatility also can have some of the following adverse effects on the Company and its business, including adversely affecting the Company's financial condition and results of operations:

It can affect the value or liquidity of the Company's on-balance sheet and off-balance sheet financial instruments.

It can affect the value of capitalized servicing assets.

It can affect M&T's ability to access capital markets to raise funds. Inability to access capital markets if needed, at cost effective rates, could adversely affect the Company's liquidity and results of operations.

It can affect the value of the assets that the Company manages or otherwise administers or services for others. Although the Company is not directly impacted by changes in the value of such assets, decreases in the value of those assets would affect related fee income and could result in decreased demand for the Company's services. In general, it can impact the nature, profitability or risk profile of the financial transactions in which the Company engages.

Volatility in the markets for real estate and other assets commonly securing financial products has been and may continue to be a significant contributor to overall volatility in financial markets.

The Company's regional concentrations expose it to adverse economic conditions in its primary retail banking office footprint.

The Company's core banking business is largely concentrated within the Company's retail banking office network footprint, located principally in New York, Maryland, New Jersey, Pennsylvania, Delaware, Connecticut, Virginia, West Virginia and the District of Columbia. Therefore, the Company is, or in the future may be, particularly vulnerable to adverse changes in economic conditions in the Northeast and Mid-Atlantic regions.

Risks Relating to Compliance and the Regulatory Environment

The Company is subject to extensive government regulation and supervision and this regulatory environment can be and has been significantly impacted by financial regulatory reform initiatives.

The Company is subject to extensive federal and state regulation and supervision. Banking regulations are primarily intended to protect depositors' funds, federal deposit insurance funds and the financial system as a whole, not stockholders. These regulations and supervisory guidance affect the Company's lending practices, capital structure, amounts of capital, investment practices, dividend policy and growth, among other things. Failure to comply with laws, regulations, policies or supervisory guidance could result in civil or criminal penalties, including monetary penalties, the loss of FDIC insurance, the revocation of a banking charter, other sanctions by regulatory agencies, and/or reputation damage, which could have a material adverse effect on the Company's business, financial condition and results of operations. In this regard, government authorities, including the bank regulatory agencies, are pursuing aggressive enforcement actions with respect to compliance and other legal matters involving financial activities, which heightens the risks associated with actual and perceived compliance failures and may also adversely affect the Company's ability to enter into certain transactions or engage in certain activities, or obtain necessary regulatory approvals in connection therewith.

The U.S. government and others have recently undertaken major reforms of the regulatory oversight structure of the financial services industry. M&T expects to face increased regulation of its industry as a result of current and possible future initiatives. M&T also expects more intense scrutiny in the examination process and more aggressive enforcement of regulations on both the federal and state levels. Compliance with these new regulations and supervisory initiatives will likely increase the Company's costs, reduce its revenue and may limit its ability to pursue certain desirable business opportunities.

Not all of the rules required or expected to be implemented under the Dodd-Frank Act have been proposed or adopted, and certain of the rules that have been proposed or adopted under the Dodd-Frank Act are subject to phase-in or transitional periods. Reforms, both under the Dodd-Frank Act and otherwise, will have a significant effect on the entire financial services industry. Although it

is difficult to predict the magnitude and extent of these effects, M&T believes compliance with new regulations and other initiatives will likely negatively impact revenue and increase the cost of doing business, both in terms of transition expenses and on an ongoing basis, and may also limit M&T's ability to pursue certain desirable business opportunities. Any new regulatory requirements or changes to existing requirements could require changes to the Company's businesses, result in increased compliance costs and affect the profitability of such businesses. Additionally, reform could affect the behaviors of third parties that the Company deals with in the course of its business, such as rating agencies, insurance companies and investors. Heightened regulatory practices, requirements or expectations could affect the Company in substantial and unpredictable ways, and, in turn, could have a material adverse effect on the Company's business, financial condition and results of operations. While the change in administration in the U.S. may ultimately lead to the modification of certain of the regulations adopted since the financial crisis, uncertainty about the timing and scope of any such changes as well as the cost of complying with a new regulatory regime may negatively impact the Company's businesses, at least in the short term, even if the long-term impact of any such changes may be positive for the Company's businesses.

Capital and liquidity standards adopted by the U.S. banking regulators have resulted in banks and bank holding companies needing to maintain more and higher quality capital and greater liquidity than has historically been the case.

New capital standards, both as a result of the Dodd-Frank Act and the U.S. Basel III-based capital rules have had a significant effect on banks and bank holding companies, including M&T. The U.S. capital rules require bank holding companies and their bank subsidiaries to maintain substantially more capital, with a greater emphasis on common equity. For additional information, see "Capital Requirements" under Part I, Item 1 "Business."

The need to maintain more and higher quality capital, as well as greater liquidity, going forward than historically has been required, and generally increased regulatory scrutiny with respect to capital and liquidity levels, could limit the Company's business activities, including lending, and its ability to expand, either organically or through acquisitions. It could also result in M&T being required to take steps to increase its regulatory capital that may be dilutive to shareholders or limit its ability to pay dividends or otherwise return capital to shareholders, or sell or refrain from acquiring assets, the capital requirements for which are not justified by the assets' underlying risks.

In addition, the U.S. Basel III-based liquidity coverage ratio requirement and the liquidity-related provisions of the Federal Reserve's liquidity-related enhanced prudential supervision requirements adopted pursuant to Section 165 of Dodd-Frank require the Company to hold increased levels of unencumbered highly liquid investments, thereby reducing the Company's ability to invest in other longer-term assets even if deemed more desirable from a balance sheet management perspective. Moreover, U.S. federal banking agencies have been taking into account expectations regarding the ability of banks to meet these requirements, including under stressed conditions, in approving actions that represent uses of capital, such as dividend increases, share repurchases and acquisitions.

M&T's ability to return capital to shareholders and to pay dividends on common stock may be adversely affected by market and other factors outside of its control and will depend, in part, on a review of its capital plan by the Federal Reserve.

Any decision by M&T to return capital to shareholders, whether through an increase in its common stock dividend or through a share repurchase program, requires the approval of the M&T Board of Directors and depends in large part on receiving regulatory approval, including through the Federal

Reserve's CCAR process and the supervisory stress tests required under the Dodd-Frank Act whereby M&T's financial position is tested under assumed severely adverse economic conditions. Prior to the public disclosure of a bank holding company's CCAR results, the Federal Reserve will provide the BHC with the results of its supervisory stress test and will offer a one-time opportunity for the BHC to reduce planned capital distributions through the submission of a revised capital plan. The Federal Reserve may object to any capital plan in which a bank holding company's regulatory capital ratios inclusive of adjustments to planned capital distributions, if any, would not meet the minimum requirements throughout a nine-quarter period under severely adverse stress conditions. In June 2016, the Federal Reserve announced that it did not object to M&T's revised CCAR capital plan. In the future, if the Federal Reserve objects to M&T's CCAR capital plan or raises concerns regarding the qualitative aspects of M&T's capital planning process through its supervisory oversight of M&T, it could impose restrictions on M&T's ability to return capital to shareholders, which in turn could negatively impact market and investor perceptions of M&T.

In addition, Federal Reserve capital planning and stress testing rules generally limit a bank holding company's ability to make quarterly capital distributions – that is, dividends and share repurchases – if the amount of actual cumulative quarterly capital issuances of instruments that qualify as regulatory capital are less than the BHC had indicated in its submitted capital plan as to which it received a non-objection from the Federal Reserve. Under these rules, for example, if a BHC issued a smaller amount of additional common stock than it had stated in its capital plan, it would be required to reduce common dividends and/or the amount of common stock repurchases so that the dollar amount of capital distributions, net of the dollar amount of additional common stock issued (“net distributions”), is no greater than the dollar amount of net distributions relating to its common stock included in its capital plan, as measured on an aggregate basis beginning in the third quarter of the nine-quarter planning horizon through the end of the then current quarter. As such, M&T's ability to declare and pay dividends on its common stock, as well as the amount of such dividends, will depend, in part, on its ability to issue stock in accordance with its capital plan or to otherwise remain in compliance with its capital plan, which may be adversely affected by market and other factors outside of M&T's control.

The effect of resolution plan requirements may have a material adverse impact on M&T.

Bank holding companies with consolidated assets of \$50 billion or more, such as M&T, are required to report periodically to regulators a resolution plan for their rapid and orderly resolution in the event of material financial distress or failure. M&T's resolution plan must, among other things, ensure that its depository institution subsidiaries are adequately protected from risks arising from its other subsidiaries. The regulation adopted by the Federal Reserve and FDIC sets specific standards for the resolution plans, including requiring a strategic analysis of the plan's components, a description of the range of specific actions the Company proposes to take in resolution, and a description of the Company's organizational structure, material entities, interconnections and interdependencies, and management information systems, among other elements. To address effectively any shortcomings in the Company's resolution plan, the Federal Reserve and the FDIC could require the Company to change its business structure or dispose of businesses, which could have a material adverse effect on its liquidity and ability to pay dividends on its stock or interest and principal on its debt.

If an orderly liquidation of a systemically important BHC or non-bank financial company were triggered, M&T could face assessments for the Orderly Liquidation Fund (“OLF”).

The Dodd-Frank Act creates a new mechanism, the OLF, for liquidation of systemically important bank holding companies and non-bank financial companies. The OLF is administered by the FDIC

and is based on the FDIC's bank resolution model. The Secretary of the U.S. Treasury may trigger a liquidation under this authority only after consultation with the President of the U.S. and after receiving a recommendation from the boards of the FDIC and the Federal Reserve upon a two-thirds vote. Liquidation proceedings will be funded by the OLF, which will borrow from the U.S. Treasury and impose risk-based assessments on covered financial companies. Risk-based assessments would be made, first, on entities that received more in the resolution than they would have received in the liquidation to the extent of such excess, and second, if necessary, on, among others, bank holding companies with total consolidated assets of \$50 billion or more, such as M&T. Any such assessments may adversely affect the Company's business, financial condition or results of operations.

Credit Risk

Deteriorating credit quality could adversely impact the Company.

As a lender, the Company is exposed to the risk that customers will be unable to repay their loans in accordance with the terms of the agreements, and that any collateral securing the loans may be insufficient to assure full repayment. Credit losses are inherent in the business of making loans.

Factors that influence the Company's credit loss experience include overall economic conditions affecting businesses and consumers, generally, but also residential and commercial real estate valuations, in particular, given the size of the Company's real estate loan portfolios. Factors that can influence the Company's credit loss experience include: (i) the impact of residential real estate values on loans to residential real estate builders and developers and other loans secured by residential real estate; (ii) the concentrations of commercial real estate loans in the Company's loan portfolio; (iii) the amount of commercial and industrial loans to businesses in areas of New York State outside of the New York City area and in central Pennsylvania that have historically experienced less economic growth and vitality than many other regions of the country; (iv) the repayment performance associated with first and second lien loans secured by residential real estate; and (v) the size of the Company's portfolio of loans to individual consumers, which historically have experienced higher net charge-offs as a percentage of loans outstanding than loans to other types of borrowers.

Commercial real estate valuations can be highly subjective as they are based upon many assumptions. Such valuations can be significantly affected over relatively short periods of time by changes in business climate, economic conditions, interest rates and, in many cases, the results of operations of businesses and other occupants of the real property. Similarly, residential real estate valuations can be impacted by housing trends, the availability of financing at reasonable interest rates, governmental policy regarding housing and housing finance, and general economic conditions affecting consumers.

The Company maintains an allowance for credit losses which represents, in management's judgment, the amount of losses inherent in the loan and lease portfolio. The allowance is determined by management's evaluation of the loan and lease portfolio based on such factors as the differing economic risks associated with each loan category, the current financial condition of specific borrowers, the economic environment in which borrowers operate, the level of delinquent loans, the value of any collateral and, where applicable, the existence of any guarantees or indemnifications. The effects of probable decreases in expected principal cash flows on loans acquired at a discount are also considered in the establishment of the allowance for credit losses.

Management believes that the allowance for credit losses appropriately reflects credit losses inherent in the loan and lease portfolio. However, there is no assurance that the allowance will be sufficient to cover such credit losses, particularly if housing and employment conditions worsen or

the economy experiences a downturn. In those cases, the Company may be required to increase the allowance through an increase in the provision for credit losses, which would reduce net income.

The Company may be adversely affected by the soundness of other financial institutions.

Financial services institutions are interrelated as a result of trading, clearing, counterparty, or other relationships. The Company has exposure to many different industries and counterparties, and routinely executes transactions with counterparties in the financial services industry, including commercial banks, brokers and dealers, investment banks, and other institutional clients. Many of these transactions expose the Company to credit risk in the event of a default by a counterparty or client. In addition, the Company's credit risk may be exacerbated when the collateral held by the Company cannot be realized or is liquidated at prices not sufficient to recover the full amount of the credit or derivative exposure due to the Company. Any such losses could have a material adverse effect on the Company's financial condition and results of operations.

Liquidity Risk

The Company must maintain adequate sources of funding and liquidity.

The Company must maintain adequate funding sources in the normal course of business to support its operations and fund outstanding liabilities, as well as meet regulatory expectations. The Company primarily relies on deposits to be a low cost and stable source of funding for the loans it makes and the operations of its business. Core customer deposits, which include noninterest-bearing deposits, interest-bearing transaction accounts, savings deposits and time deposits of \$250,000 or less, have historically provided the Company with a sizeable source of relatively stable and low-cost funds. In addition to customer deposits, sources of liquidity include borrowings from third party banks, securities dealers, various Federal Home Loan Banks and the Federal Reserve Bank of New York.

The Company's liquidity and ability to fund and run the business could be materially adversely affected by a variety of conditions and factors, including financial and credit market disruptions and volatility or a lack of market or customer confidence in financial markets in general, which may result in a loss of customer deposits or outflows of cash or collateral and/or ability to access capital markets on favorable terms. Other conditions and factors that could materially adversely affect the Company's liquidity and funding include a lack of market or customer confidence in, or negative news about, the Company or the financial services industry generally which also may result in a loss of deposits and/or negatively affect the ability to access the capital markets; the loss of customer deposits to alternative investments; inability to sell or securitize loans or other assets; and downgrades in one or more of the Company's credit ratings. A downgrade in the Company's credit ratings, which could result from general industry-wide or regulatory factors not solely related to the Company, could adversely affect the Company's ability to borrow funds and raise the cost of borrowings substantially and could cause creditors and business counterparties to raise collateral requirements or take other actions that could adversely affect M&T's ability to raise capital. Many of the above conditions and factors may be caused by events over which M&T has little or no control. There can be no assurance that significant disruption and volatility in the financial markets will not occur in the future.

Recent regulatory changes relating to liquidity and risk management have also impacted the Company's results of operations and competitive position. These regulations address, among other matters, liquidity stress testing, minimum liquidity requirements and restrictions on short-term debt issued by top-tier holding companies.

If the Company is unable to continue to fund assets through customer bank deposits or access funding sources on favorable terms or if the Company suffers an increase in borrowing costs or otherwise fails to manage liquidity effectively, the Company's liquidity, operating margins, financial condition and results of operations may be materially adversely affected.

M&T relies on dividends from its subsidiaries for its liquidity.

M&T is a separate and distinct legal entity from its subsidiaries. M&T typically receives substantially all of its revenue from subsidiary dividends. These dividends are the principal source of funds to pay dividends on M&T stock and interest and principal on its debt. Various federal and/or state laws and regulations, as well as regulatory expectations, limit the amount of dividends that M&T's banking subsidiaries and certain nonbank subsidiaries may pay. Regulatory scrutiny of capital levels at bank holding companies and insured depository institution subsidiaries has increased in recent years and has resulted in increased regulatory focus on all aspects of capital planning, including dividends and other distributions to shareholders of banks, such as parent bank holding companies. See "Item 1. Business — Dividends" for a discussion of regulatory and other restrictions on dividend declarations. Also, M&T's right to participate in a distribution of assets upon a subsidiary's liquidation or reorganization is subject to the prior claims of that subsidiary's creditors. Limitations on M&T's ability to receive dividends from its subsidiaries could have a material adverse effect on its liquidity and ability to pay dividends on its stock or interest and principal on its debt.

Strategic Risk

The financial services industry is highly competitive and creates competitive pressures that could adversely affect the Company's revenue and profitability.

The financial services industry in which the Company operates is highly competitive. The Company competes not only with commercial and other banks and thrifts, but also with insurance companies, mutual funds, hedge funds, securities brokerage firms and other companies offering financial services in the U.S., globally and over the Internet. Some of the Company's non-bank competitors are not subject to the same extensive regulations the Company and its subsidiaries are, and may have greater flexibility in competing for business. In particular, the activity and prominence of so-called marketplace lenders and other technological financial services companies have grown significantly in recent years and is expected to continue growing. The Company competes on the basis of several factors, including capital, access to capital, revenue generation, products, services, transaction execution, innovation, reputation and price. Over time, certain sectors of the financial services industry have become more concentrated, as institutions involved in a broad range of financial services have been acquired by or merged into other firms. These developments could result in the Company's competitors gaining greater capital and other resources, such as a broader range of products and services and geographic diversity. The Company may experience pricing pressures as a result of these factors and as some of its competitors seek to increase market share by reducing prices or paying higher rates of interest on deposits. Finally, technological change is influencing how individuals and firms conduct their financial affairs and changing the delivery channels for financial services, with the result that the Company may have to contend with a broader range of competitors including many that are not located within the geographic footprint of its banking office network.

Operational Risk

The Company is subject to operational risk which could adversely affect the Company's business and reputation and create material legal and financial exposure.

Like all businesses, the Company is subject to operational risk, which represents the risk of loss resulting from human error, inadequate or failed internal processes and systems, and external events. Operational risk also encompasses reputational risk and compliance and legal risk, which is the risk of loss from violations of, or noncompliance with, laws, rules, regulations, prescribed practices or ethical standards, as well as the risk of noncompliance with contractual and other obligations. The Company is also exposed to operational risk through outsourcing arrangements, and the effect that changes in circumstances or capabilities of its outsourcing vendors can have on the Company's ability to continue to perform operational functions necessary to its business. In addition, along with other participants in the financial services industry, the Company frequently attempts to introduce new technology-driven products and services that are aimed at allowing the Company to better serve customers and to reduce costs. The Company may not be able to effectively implement new technology-driven products and services that allows it to remain competitive or be successful in marketing these products and services to its customers. Although the Company seeks to mitigate operational risk through a system of internal controls that are reviewed and updated, no system of controls, however well designed and maintained, is infallible. Control weaknesses or failures or other operational risks could result in charges, increased operational costs, harm to the Company's reputation or foregone business opportunities.

Changes in accounting standards could impact the Company's financial condition and results of operations.

The accounting standard setters, including the Financial Accounting Standards Board ("FASB"), the SEC and other regulatory bodies, periodically change the financial accounting and reporting standards that govern the preparation of the Company's consolidated financial statements. These changes can be hard to predict and can materially impact how the Company records and reports its financial condition and results of operations. In some cases, the Company could be required to apply a new or revised standard retroactively, which would result in the restating of the Company's prior period financial statements.

M&T's accounting policies and processes are critical to the reporting of the Company's financial condition and results of operations. They require management to make estimates about matters that are uncertain.

Accounting policies and processes are fundamental to the Company's reported financial condition and results of operations. Some of these policies require use of estimates and assumptions that may affect the reported amounts of assets or liabilities and financial results. Several of M&T's accounting policies are critical because they require management to make difficult, subjective and complex judgments about matters that are inherently uncertain and because it is likely that materially different amounts would be reported under different conditions or using different assumptions. Pursuant to generally accepted accounting principles, management is required to make certain assumptions and estimates in preparing the Company's financial statements. If assumptions or estimates underlying the Company's financial statements are incorrect, the Company may experience material losses.

Management has identified certain accounting policies as being critical because they require management's judgment to ascertain the valuations of assets, liabilities, commitments and

contingencies. A variety of factors could affect the ultimate value that is obtained either when earning income, recognizing an expense, recovering an asset, valuing an asset or liability, or recognizing or reducing a liability. M&T has established detailed policies and control procedures that are intended to ensure these critical accounting estimates and judgments are well controlled and applied consistently. In addition, the policies and procedures are intended to ensure that the process for changing methodologies occurs in an appropriate manner. Because of the uncertainty surrounding judgments and the estimates pertaining to these matters, M&T could be required to adjust accounting policies or restate prior period financial statements if those judgments and estimates prove to be incorrect. For additional information, see Part II, Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, "Critical Accounting Estimates" and Note 1, "Significant Accounting Policies," of Notes to Financial Statements in Part II, Item 8.

Difficulties in combining the operations of acquired entities with the Company's own operations may prevent M&T from achieving the expected benefits from its acquisitions.

M&T has expanded its business through past acquisitions and may do so in the future. Inherent uncertainties exist when integrating the operations of an acquired entity. M&T may not be able to fully achieve its strategic objectives and planned operating efficiencies in an acquisition. In addition, the markets and industries in which the Company and its actual or potential acquisition targets operate are highly competitive. The Company may lose customers or fail to retain the customers of acquired entities as a result of an acquisition. Acquisition and integration activities require M&T to devote substantial time and resources, and as a result M&T may not be able to pursue other business opportunities while integrating acquired entities with the Company.

After completing an acquisition, the Company may not realize the expected benefits of the acquisition due to lower financial results pertaining to the acquired entity. For example, the Company could experience higher credit losses, incur higher operating expenses or realize less revenue than originally anticipated related to an acquired entity.

M&T could suffer if it fails to attract and retain skilled personnel.

M&T's success depends, in large part, on its ability to attract and retain key individuals. Competition for qualified candidates in the activities and markets that the Company serves is significant and the Company may not be able to hire candidates and retain them. Growth in the Company's business, including through acquisitions, may increase its need for additional qualified personnel. If the Company is not able to hire or retain these key individuals, it may be unable to execute its business strategies and may suffer adverse consequences to its business, financial condition and results of operations.

The federal banking agencies have issued joint guidance on executive compensation designed to help ensure that a banking organization's incentive compensation policies do not encourage imprudent risk taking and are consistent with the safety and soundness of the organization. In addition, the Dodd-Frank Act required those agencies, along with the SEC, to adopt rules to require reporting of incentive compensation and to prohibit certain compensation arrangements. If as a result of complying with such rules the Company is unable to attract and retain qualified employees, or do so at rates necessary to maintain its competitive position, or if the compensation costs required to attract and retain employees become more significant, the Company's performance, including its competitive position, could be materially adversely affected.

Severe weather, natural disasters, acts of war or terrorism and other external events could significantly impact the Company's business.

Severe weather, natural disasters, acts of war or terrorism and other adverse external events could have a significant impact on the Company's ability to conduct business. Such events could affect the stability of the Company's deposit base, impair the ability of borrowers to repay outstanding loans, impair the value of collateral securing loans, cause significant property damage, result in loss of revenue and/or cause the Company to incur additional expenses. Although the Company has established disaster recovery plans and procedures, and monitors for significant environmental effects on its properties or its investments, the occurrence of any such event could have a material adverse effect on the Company.

The Company's information systems may experience interruptions or breaches in security.

The Company relies heavily on communications and information systems to conduct its business. Any failure, interruption or breach in security of these systems could result in disruptions to its accounting, deposit, loan and other systems, and adversely affect the Company's customer relationships. While the Company has policies and procedures designed to prevent or limit the effect of these possible events, there can be no assurance that any such failure, interruption or security breach will not occur or, if any does occur, that it can be sufficiently or timely remediated.

Information security risks for large financial institutions such as M&T have increased significantly in recent years in part because of the proliferation of new technologies, such as Internet and mobile banking to conduct financial transactions, and the increased sophistication and activities of organized crime, hackers, terrorists, nation-states, activists and other external parties. There have been increasing efforts on the part of third parties, including through cyber attacks, to breach data security at financial institutions or with respect to financial transactions. There have been several instances involving financial services and consumer-based companies reporting unauthorized access to and disclosure of client or customer information or the destruction or theft of corporate data, including by executive impersonation and third party vendors. There have also been several highly publicized cases where hackers have requested "ransom" payments in exchange for not disclosing customer information.

As cyber threats continue to evolve, the Company may be required to expend significant additional resources to continue to modify or enhance its layers of defense or to investigate and remediate any information security vulnerabilities. The techniques used by cyber criminals change frequently, may not be recognized until launched and can be initiated from a variety of sources, including terrorist organizations and hostile foreign governments. These actors may attempt to fraudulently induce employees, customers or other users of the Company's systems to disclose sensitive information in order to gain access to data or the Company's systems. These risks may increase as the use of mobile payment and other Internet-based applications expands.

The occurrence of any failure, interruption or security breach of the Company's systems, particularly if widespread or resulting in financial losses to customers, could damage the Company's reputation, result in a loss of customer business, subject it to additional regulatory scrutiny, or expose it to civil litigation and financial liability.

The Company is or may become involved from time to time in suits, legal proceedings, information-gathering requests, investigations and proceedings by governmental and self-regulatory agencies that may lead to adverse consequences.

Many aspects of the Company's business involve substantial risk of legal liability. M&T and/or its subsidiaries have been named or threatened to be named as defendants in various lawsuits arising from its or its subsidiaries' business activities (and in some cases from the activities of companies

M&T has acquired). In addition, from time to time, M&T is, or may become, the subject of governmental and self-regulatory agency information-gathering requests, reviews, investigations and proceedings and other forms of regulatory inquiry, including by bank and other regulatory agencies, the SEC and law enforcement authorities. The SEC has announced a policy of seeking admissions of liability in certain settled cases, which could adversely impact the defense of private litigation. M&T is also at risk when it has agreed to indemnify others for losses related to legal proceedings, including for litigation and governmental investigations and inquiries, such as in connection with the purchase or sale of a business or assets. The results of such proceedings could lead to significant civil or criminal penalties, including monetary penalties, damages, adverse judgments, settlements, fines, injunctions, restrictions on the way in which the Company conducts its business, or reputational harm.

Although the Company establishes accruals for legal proceedings when information related to the loss contingencies represented by those matters indicates both that a loss is probable and that the amount of loss can be reasonably estimated, the Company does not have accruals for all legal proceedings where it faces a risk of loss. In addition, due to the inherent subjectivity of the assessments and unpredictability of the outcome of legal proceedings, amounts accrued may not represent the ultimate loss to the Company from the legal proceedings in question. Thus, the Company's ultimate losses may be higher, and possibly significantly so, than the amounts accrued for legal loss contingencies, which could adversely affect the Company's financial condition and results of operations.

M&T relies on other companies to provide key components of the Company's business infrastructure.

Third parties provide key components of the Company's business infrastructure such as banking services, processing, and Internet connections and network access. Any disruption in such services provided by these third parties or any failure of these third parties to handle current or higher volumes of use could adversely affect the Company's ability to deliver products and services to clients and otherwise to conduct business. Technological or financial difficulties of a third party service provider could adversely affect the Company's business to the extent those difficulties result in the interruption or discontinuation of services provided by that party. The Company may not be insured against all types of losses as a result of third party failures and insurance coverage may be inadequate to cover all losses resulting from system failures or other disruptions. Failures in the Company's business infrastructure could interrupt the operations or increase the costs of doing business.

Detailed discussions of the specific risks outlined above and other risks facing the Company are included within this Annual Report on Form 10-K in Part I, Item 1 "Business," and Part II, Item 7 "Management's Discussion and Analysis of Financial Condition and Results of Operations." Furthermore, in Part II, Item 7 under the heading "Forward-Looking Statements" is included a description of certain risks, uncertainties and assumptions identified by management that are difficult to predict and that could materially affect the Company's financial condition and results of operations, as well as the value of the Company's financial instruments in general, and M&T common stock, in particular.

In addition, the market price of M&T common stock may fluctuate significantly in response to a number of other factors, including changes in securities analysts' estimates of financial performance, volatility of stock market prices and volumes, rumors or erroneous information, changes in market valuations of similar companies and changes in accounting policies or procedures as may be required by the FASB or other regulatory agencies.

Item 1B. Unresolved Staff Comments.

None.

Item 2. Properties.

Both M&T and M&T Bank maintain their executive offices at One M&T Plaza in Buffalo, New York. This twenty-one story headquarters building, containing approximately 300,000 rentable square feet of space, is owned in fee by M&T Bank and was completed in 1967. M&T, M&T Bank and their subsidiaries occupy approximately 98% of the building and the remainder is leased to non-affiliated tenants. At December 31, 2016, the cost of this property (including improvements subsequent to the initial construction), net of accumulated depreciation, was \$10.2 million.

M&T Bank owns and occupies an additional facility in Buffalo, New York (known as M&T Center) with approximately 395,000 rentable square feet of space. At December 31, 2016, the cost of this building (including improvements subsequent to acquisition), net of accumulated depreciation, was \$11.2 million.

M&T Bank also owns and occupies three separate facilities in the Buffalo area which support certain back-office and operations functions of the Company. The total square footage of these facilities approximates 290,000 square feet and their combined cost (including improvements subsequent to acquisition), net of accumulated depreciation, was \$27.6 million at December 31, 2016.

M&T Bank owns a facility in Syracuse, New York with approximately 160,000 rentable square feet of space. Approximately 46% of that facility is occupied by M&T Bank. At December 31, 2016, the cost of that building (including improvements subsequent to acquisition), net of accumulated depreciation, was \$1.2 million.

M&T Bank owns facilities in Wilmington, Delaware, with approximately 340,000 (known as Wilmington Center) and 295,000 (known as Wilmington Plaza) rentable square feet of space, respectively. M&T Bank occupies approximately 97% of Wilmington Center. Wilmington Plaza is 100% occupied by a tenant. At December 31, 2016, the cost of these buildings (including improvements subsequent to acquisition), net of accumulated depreciation, was \$41.9 million and \$12.6 million, respectively.

M&T Bank also owns facilities in Harrisburg, Pennsylvania and Millsboro, Delaware with approximately 220,000 and 325,000 rentable square feet of space, respectively. M&T Bank occupies approximately 29% and 89% of those facilities, respectively. At December 31, 2016, the cost of those buildings (including improvements subsequent to acquisition), net of accumulated depreciation, was \$10.1 million and \$9.2 million, respectively.

No other properties owned by M&T Bank have more than 100,000 square feet of space. The cost, net of accumulated depreciation and amortization, of the Company's premises and equipment is detailed in note 6 of Notes to Financial Statements filed herewith in Part II, Item 8, "Financial Statements and Supplementary Data."

Of the 801 domestic banking offices of M&T's subsidiary banks at December 31, 2016, 316 are owned in fee and 485 are leased.

Item 3. Legal Proceedings.

M&T and its subsidiaries are subject in the normal course of business to various pending and threatened legal proceedings and other matters in which claims for monetary damages are asserted. On an on-going basis management, after consultation with legal counsel, assesses the Company's liabilities and contingencies in connection with such proceedings. For those matters where it is

probable that the Company will incur losses and the amounts of the losses can be reasonably estimated, the Company records an expense and corresponding liability in its consolidated financial statements. To the extent the pending or threatened litigation could result in exposure in excess of that liability, the amount of such excess is not currently estimable. Although not considered probable, the range of reasonably possible losses for such matters in the aggregate, beyond the existing recorded liability, was between \$0 and \$40 million. Although the Company does not believe that the outcome of pending litigations will be material to the Company's consolidated financial position, it cannot rule out the possibility that such outcomes will be material to the consolidated results of operations for a particular reporting period in the future.

Wilmington Trust Corporation Investigative and Litigation Matters

M&T's Wilmington Trust Corporation subsidiary is the subject of certain governmental investigations arising from actions undertaken by Wilmington Trust Corporation prior to M&T's acquisition of Wilmington Trust Corporation and its subsidiaries, as set forth below.

DOJ Investigation (United States v. Wilmington Trust Corp., et al, District of Delaware, Crim. No. 15-23-RGA): Prior to M&T's acquisition of Wilmington Trust Corporation, the Department of Justice ("DOJ") commenced an investigation of Wilmington Trust Corporation, relating to Wilmington Trust Corporation's financial reporting and securities filings, as well as certain commercial real estate lending relationships involving its subsidiary bank, Wilmington Trust Company, all of which relate to filings and activities occurring prior to the acquisition of Wilmington Trust Corporation by M&T. On January 6, 2016, the U.S. Attorney for the District of Delaware obtained an indictment against Wilmington Trust Corporation relating to alleged conduct that occurred prior to M&T's acquisition of Wilmington Trust Corporation in May 2011. M&T strongly believes that this unprecedented action is unjustified and Wilmington Trust Corporation will vigorously defend itself. On August 26, 2016, the Court granted defendants joint motion for a continuance of the trial date. Trial in this matter is now scheduled to begin on October 2, 2017. Wilmington Trust Corporation and its counsel are currently involved in pretrial discovery, motion practice and trial preparation.

The indictment of Wilmington Trust Corporation could result in potential criminal remedies, or criminal or non-criminal resolutions or settlements, including, among other things, enforcement actions, potential statutory or regulatory restrictions on the ability to conduct certain businesses (for which waivers may or may not be available), fines, penalties, restitution, reputational damage or additional costs and expenses.

In Re Wilmington Trust Securities Litigation (U.S. District Court, District of Delaware, Case No. 10-CV-0990-SLR): Beginning on November 18, 2010, a series of parties, purporting to be class representatives, commenced a putative class action lawsuit against Wilmington Trust Corporation, alleging that Wilmington Trust Corporation's financial reporting and securities filings were in violation of securities laws. The cases were consolidated and Wilmington Trust Corporation moved to dismiss. The Court issued an order denying Wilmington Trust Corporation's motion to dismiss on March 20, 2014. Fact discovery commenced. On April 13, 2016, the Court issued an order staying fact discovery in the case pending completion of the trial in U.S. v. Wilmington Trust Corp., et al. On September 19, 2016, the plaintiffs filed a motion to modify the stay of discovery in this matter to allow for additional, limited discovery. On December 19, 2016, the Court issued an order lifting the existing stay in its entirety, subject to appropriate protective orders to be determined by the Court. On January 24, 2017, the Court issued an order scheduling trial for June 18, 2018 and entering certain protective orders.

Due to their complex nature, it is difficult to estimate when litigation and investigatory matters such as these may be resolved. As set forth in the introductory paragraph to this Item 3 — Legal

Proceedings, losses from current litigation and regulatory matters which the Company is subject to that are not currently considered probable are within a range of reasonably possible losses for such matters in the aggregate, beyond the existing recorded liability, and are included in the range of reasonably possible losses set forth above.

Item 4. Mine Safety Disclosures.

Not applicable.

Executive Officers of the Registrant

Information concerning M&T's executive officers is presented below as of February 22, 2017. The year the officer was first appointed to the indicated position with M&T or its subsidiaries is shown parenthetically. In the case of each entity noted below, officers' terms run until the first meeting of the board of directors after such entity's annual meeting, which in the case of M&T takes place immediately following the Annual Meeting of Shareholders, and until their successors are elected and qualified.

Robert G. Wilmers, age 82, is chief executive officer (2007), chairman of the board (2000) and a director (1982) of M&T. From April 1998 until July 2000, he served as president and chief executive officer of M&T and from July 2000 until June 2005 he served as chairman, president (1988) and chief executive officer (1983). He is chief executive officer (2007), chairman of the board (2005) and a director (1982) of M&T Bank, and previously served as chairman of the board of M&T Bank from March 1983 until July 2003 and as president of M&T Bank from March 1984 until June 1996.

Mark J. Czarnecki, age 61, is president (2007), chief operating officer (2014) and a director (2007) of M&T and M&T Bank. He has responsibility for the day-to-day management of the Company. Previously, he was an executive vice president of M&T (1999) and M&T Bank (1997) and was responsible for the M&T Investment Group and the Company's Retail Banking network. Mr. Czarnecki is chairman of the board, president and chief executive officer (2007) and a director (2005) of Wilmington Trust, N.A.

Robert J. Bojdak, age 61, is an executive vice president and chief credit officer (2004) of M&T and M&T Bank, and is responsible for the Company's Credit Risk Management Division. From April 2002 to April 2004, Mr. Bojdak served as senior vice president and credit deputy for M&T Bank. He is an executive vice president and a director (2004) of Wilmington Trust, N.A.

Janet M. Coletti, age 53, is an executive vice president (2015) of M&T and M&T Bank, overseeing the Company's Human Resources Division. Ms. Coletti previously served as senior vice president of M&T Bank, most recently responsible for the Business Banking Division, and has held a number of management positions within M&T Bank since 1985.

William J. Farrell II, age 59, is an executive vice president (2011) of M&T and M&T Bank, and is responsible for managing administrative and business development functions of the Company's Wealth and Institutional Services Division, which includes Institutional Client Services and M&T Insurance Agency. Mr. Farrell joined M&T through the Wilmington Trust Corporation acquisition. He joined Wilmington Trust Corporation in 1976, and held a number of senior management positions, most recently as executive vice president and head of the Corporate Client Services business. Mr. Farrell is president, chief executive officer and a director (2012) of Wilmington Trust Company, an executive vice president and a director (2011) of Wilmington Trust, N.A. and a director (2013) of M&T Securities.

Richard S. Gold, age 56, is an executive vice president (2006) and chief risk officer (2014) of M&T. He is a vice chairman and chief risk officer (2014) of M&T Bank. Mr. Gold is responsible for

overseeing the Company's governance and strategy for risk management, as well as relationships with key regulators and supervisory agencies. Previously, Mr. Gold had management responsibilities for the Mortgage, Consumer Lending, Retail and Business Banking Divisions. He served as a senior vice president of M&T Bank from 2000 to 2006 and has held a number of management positions since he began his career with M&T Bank in 1989. Mr. Gold is an executive vice president (2006) and chief risk officer (2014) of Wilmington Trust, N.A.

Brian E. Hickey, age 64, is an executive vice president of M&T (1997) and M&T Bank (1996). He is a member of the Directors Advisory Council (1994) of the Rochester Division of M&T Bank. Mr. Hickey is responsible for co-managing with Mr. Martocci M&T Bank's commercial banking lines of business and all of the non-retail banking segments in Upstate New York, Western New York and in the Northern, Central and Western Pennsylvania and Connecticut regions. Mr. Hickey is also responsible for the Dealer Commercial Services line of business.

René F. Jones, age 52, is an executive vice president (2006) of M&T and a vice chairman (2014) of M&T Bank. Mr. Jones has overall responsibility for the Company's Wealth and Institutional Services Division, Treasury Division, and Mortgage and Consumer Lending Divisions. Mr. Jones is an executive vice president (2005) and a director (2007) of Wilmington Trust, N.A., and he is chairman of the board, president (2009) and a trustee (2005) of M&T Real Estate. Mr. Jones is chairman of the board and a director (2014) of Wilmington Trust Investment Advisors, and is a director (2007) of M&T Insurance Agency. Mr. Jones is chairman of the board and a director (2014) of Wilmington Trust Company. Previously, Mr. Jones served as chief financial officer (2005) of M&T, M&T Bank and Wilmington Trust, N.A. and has held a number of management positions within M&T Bank's Finance Division since 1992.

Darren J. King, age 47, is an executive vice president (2010) and chief financial officer (2016) of M&T and executive vice president (2009) and chief financial officer (2016) of M&T Bank. Mr. King has responsibility for the overall financial management of the Company. Prior to his current role, Mr. King was the Retail Banking executive with responsibility for overseeing Business Banking, Consumer Deposits, Consumer Lending and M&T Bank's Marketing and Communications team. Mr. King previously served as senior vice president of M&T Bank and has held a number of management positions within M&T Bank since 2000. Mr. King is an executive vice president (2009) and chief financial officer (2016) of Wilmington Trust, N.A.

Gino A. Martocci, age 51, is an executive vice president (2014) of M&T and M&T Bank, and is responsible for co-managing with Mr. Hickey M&T Bank's commercial banking lines of business and all non-retail banking segments in the metropolitan New York City, New Jersey, Philadelphia, Delaware, Baltimore and Washington, D.C. markets. He is also responsible for M&T Realty Capital. Mr. Martocci was a senior vice president of M&T Bank from 2002 to 2013, serving in a number of management positions. He is an executive vice president (2015) and a director (2009) of M&T Realty Capital, an executive vice president of M&T Real Estate, co-chairman of the Senior Loan Committee and a member of the New York City Mortgage Investment Committee. Mr. Martocci is also a member of the Directors Advisory Council of the New York City/Long Island (2013) and the New Jersey (2015) Divisions of M&T Bank.

Doris P. Meister, age 61, is an executive vice president (2016) of M&T and M&T Bank, and is responsible for overseeing the Company's wealth management business, including Wealth Advisory Services, M&T Securities and Wilmington Trust Investment Advisors. Ms. Meister is an executive vice president and a director (2016) of Wilmington Trust, N.A. and a director (2016) of M&T Securities. Prior to joining M&T in 2016, Ms. Meister served as President of U.S. Markets for BNY Mellon Wealth Management and was a Managing Director of the New York office of Bernstein Global Wealth Management.

Kevin J. Pearson, age 55, is an executive vice president (2002) of M&T and is a vice chairman (2014) of M&T Bank. He is a member of the Directors Advisory Council (2006) of the New York

City/Long Island Division of M&T Bank. Mr. Pearson is responsible for M&T Bank's Commercial Banking and Credit Divisions. Previously, Mr. Pearson served as senior vice president of M&T Bank from 2000 to 2002, and has held a number of management positions since he began his career with M&T Bank in 1989. He is an executive vice president (2003) and a trustee (2014) of M&T Real Estate, chairman of the board (2009) and a director (2003) of M&T Realty Capital, and an executive vice president and a director of Wilmington Trust, N.A. (2014).

Michael J. Todaro, age 55, is an executive vice president (2015) of M&T and M&T Bank, and is responsible for the Mortgage, Consumer Lending and Customer Asset Management Divisions. Mr. Todaro previously served as senior vice president of M&T Bank and has held a number of management positions within M&T Bank's Mortgage Division since 1995. He is an executive vice president (2015) of Wilmington Trust, N.A.

Michele D. Trolli, age 55, is an executive vice president and chief information officer (2005) of M&T and M&T Bank. Ms. Trolli leads a wide range of the Company's Technology and Banking Operations, which includes banking services, corporate services, digital and telephone banking, the enterprise data office, enterprise and cyber security, and enterprise technology.

D. Scott N. Warman, age 51, is an executive vice president (2009) and treasurer (2008) of M&T and M&T Bank. He is responsible for managing the Company's Treasury Division. Mr. Warman previously served as senior vice president of M&T Bank and has held a number of management positions within M&T Bank since 1995. He is an executive vice president and treasurer of Wilmington Trust, N.A. (2008), a trustee of M&T Real Estate (2009), and is treasurer of Wilmington Trust Company (2012).

PART II

Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities.

M&T's common stock is traded under the symbol MTB on the New York Stock Exchange. See cross-reference sheet for disclosures incorporated elsewhere in this Annual Report on Form 10-K for market prices of M&T's common stock, approximate number of common shareholders at year-end, frequency and amounts of dividends on common stock and restrictions on the payment of dividends.

During the fourth quarter of 2016, M&T did not issue any shares of its common stock that were not registered under the Securities Act of 1933.

Equity Compensation Plan Information

The following table provides information as of December 31, 2016 with respect to shares of common stock that may be issued under M&T's existing equity compensation plans. M&T's existing equity compensation plans include the M&T Bank Corporation 2001 Stock Option Plan, the 2005 Incentive Compensation Plan, which replaced the 2001 Stock Option Plan, and the 2009 Equity Incentive Compensation Plan, each of which has been previously approved by shareholders, and the M&T Bank Corporation 2008 Directors' Stock Plan and the M&T Bank Corporation Deferred Bonus Plan, each of which did not require shareholder approval.

The table does not include information with respect to shares of common stock subject to outstanding options and rights assumed by M&T in connection with mergers and acquisitions of the companies that originally granted those options and rights. Footnote (1) to the table sets forth the total number of shares of common stock issuable upon the exercise of such assumed options and rights as of December 31, 2016, and their weighted-average exercise price.

Plan Category	Number of Securities Outstanding	Weighted-Average Exercise Price of Outstanding Options or Rights	Number of Securities
			Remaining Available for Future Issuance Under Equity Compensation Plans (Excluding Securities Reflected in Column A)
Equity compensation plans approved			
by security holders	497,001	\$ 92.30	3,667,800
Equity compensation plans not approved			
by security holders	26,217	78.75	53,256
Total	523,218	\$ 91.62	3,721,056

(1) As of December 31, 2016, a total of 1,106,805 shares of M&T common stock were issuable upon exercise of outstanding options or rights assumed by M&T in connection with merger and acquisition transactions. The weighted-average exercise price of those outstanding options or rights is \$160.18 per common share.

Equity compensation plans adopted without the approval of shareholders are described below:

2008 Directors' Stock Plan. M&T maintains a plan for non-employee members of the Board of Directors of M&T and the members of its Directors Advisory Council, and the non-employee members of the Board of Directors of M&T Bank and the members of its regional Directors Advisory Councils, which allows such directors, advisory directors and members of regional Directors Advisory Councils to receive all or a portion of their directorial compensation in shares of M&T common stock.

Deferred Bonus Plan. M&T maintains a deferred bonus plan which was frozen effective January 1, 2010 and did not allow any additional deferrals after that date. Prior to January 1, 2010, the plan allowed eligible officers of M&T and its subsidiaries to elect to defer all or a portion of their annual incentive compensation awards and allocate such awards to several investment options, including M&T common stock. At the time of the deferral election, participants also elected the timing of distributions from the plan. Such distributions are payable in cash, with the exception of balances allocated to M&T common stock which are distributable in the form of shares of common stock.

Performance Graph

The following graph contains a comparison of the cumulative shareholder return on M&T common stock against the cumulative total returns of the KBW Nasdaq Bank Index, compiled by Keefe, Bruyette & Woods, Inc., and the S&P 500 Index, compiled by Standard & Poor's Corporation, for the five-year period beginning on December 31, 2011 and ending on December 31, 2016. The KBW Nasdaq Bank Index is a market capitalization index consisting of 24 banking stocks representing leading large U.S. national money centers, regional banks and thrift institutions.

Comparison of Five-Year Cumulative Return*

Shareholder Value at Year End*

	2011	2012	2013	2014	2015	2016
M&T Bank Corporation	\$100	133	162	178	176	233
KBW Nasdaq Bank Index	100	133	183	200	201	259
S&P 500 Index	100	116	154	175	177	198

* Assumes a \$100 investment on December 31, 2011 and reinvestment of all dividends.

In accordance with and to the extent permitted by applicable law or regulation, the information set forth above under the heading "Performance Graph" shall not be incorporated by reference into any future filing under the Securities Act of 1933, as amended (the "Securities Act"), or the

Exchange Act and shall not be deemed to be “soliciting material” or to be “filed” with the SEC under the Securities Act or the Exchange Act.

Issuer Purchases of Equity Securities

On July 19, 2016, M&T announced that it had been authorized by its Board of Directors to purchase up to \$1.15 billion of shares of its common stock through June 30, 2017. A repurchase program authorized in November 2015 by M&T’s Board of Directors was completed during 2016. In total, M&T repurchased 5,607,595 common shares for \$641 million during 2016.

During the fourth quarter of 2016, M&T purchased shares of its common stock as follows:

Period	Issuer Purchases of Equity Securities			
	(a) Total Number of Shares (or Units) Purchased	(b) Average Price Paid per Share (or Unit)	(c) Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs	(d) Maximum Number (or Approximate Dollar Value) of Shares (or Units) that may yet be Purchased Under the Plans or Programs (2)
October 1 – October 31, 2016	7,400	\$ 122.03	—	\$ 800,000,000
November 1 – November 30, 2016	336,833	125.02	300,000	762,666,000
December 1 – December 31, 2016	11,439	153.81	—	762,666,000
Total	355,672	\$ 125.89	300,000	

(1) The total number of shares purchased during the periods indicated includes shares purchased as part of publicly announced programs and shares deemed to have been received from employees who exercised stock options by attesting to previously acquired common shares in satisfaction of the exercise price or shares received from employees upon the vesting of restricted stock awards in satisfaction of applicable tax withholding obligations, as is permitted under M&T’s stock-based compensation plans.

(2) On July 19, 2016, M&T announced a program to purchase up to \$1.15 billion of its common stock through June 30, 2017.

Item 6. Selected Financial Data.

See cross-reference sheet for disclosures incorporated elsewhere in this Annual Report on Form 10-K.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations.
Corporate Profile and Significant Developments

M&T Bank Corporation ("M&T") is a bank holding company headquartered in Buffalo, New York with consolidated assets of \$123.4 billion at December 31, 2016. The consolidated financial information presented herein reflects M&T and all of its subsidiaries, which are referred to collectively as "the Company." M&T's wholly owned bank subsidiaries are M&T Bank and Wilmington Trust, National Association ("Wilmington Trust, N.A.").

M&T Bank, with total assets of \$122.6 billion at December 31, 2016, is a New York-chartered commercial bank with 799 domestic banking offices in New York State, Maryland, New Jersey, Pennsylvania, Delaware, Connecticut, Virginia, West Virginia, and the District of Columbia, a full-

service commercial banking office in Ontario, Canada, and an office in the Cayman Islands. M&T Bank and its subsidiaries offer a broad range of financial services to a diverse base of consumers, businesses, professional clients, governmental entities and financial institutions located in their markets. Lending is largely focused on consumers residing in the states noted above and on small and medium size businesses based in those areas, although loans are originated through offices in other states and in Ontario, Canada. Certain lending activities are also conducted in other states through various subsidiaries. Trust and other fiduciary services are offered by M&T Bank and through its wholly owned subsidiary, Wilmington Trust Company. Other subsidiaries of M&T Bank include: M&T Real Estate Trust, a commercial mortgage lender; M&T Realty Capital Corporation, a multifamily commercial mortgage lender; M&T Securities, Inc., which provides brokerage, investment advisory and insurance services; Wilmington Trust Investment Advisors, Inc., which serves as an investment advisor to the Wilmington Funds, a family of proprietary mutual funds, and other funds and institutional clients; and M&T Insurance Agency, Inc., an insurance agency.

Wilmington Trust, N.A. is a national bank with total assets of \$3.7 billion at December 31, 2016. Wilmington Trust, N.A. and its subsidiaries offer various trust and wealth management services. Wilmington Trust, N.A. also offered selected deposit and loan products on a nationwide basis, largely through telephone, Internet and direct mail marketing techniques.

On November 1, 2015, M&T completed its acquisition of Hudson City Bancorp, Inc. (“Hudson City”). Immediately following completion of the merger, Hudson City Savings Bank merged with and into M&T Bank. Pursuant to the merger agreement, M&T paid cash consideration of \$2.1 billion and issued 25,953,950 shares of M&T common stock in exchange for Hudson City shares outstanding at the time of acquisition. Assets acquired totaled approximately \$36.7 billion, including \$19.0 billion of loans (predominantly residential real estate loans) and \$7.9 billion of investment securities. Liabilities assumed aggregated \$31.5 billion, including \$17.9 billion of deposits and \$13.2 billion of borrowings. Immediately following the acquisition, the Company restructured its balance sheet by selling \$5.8 billion of investment securities obtained in the acquisition and repaying \$10.6 billion of borrowings assumed in the transaction. The common stock issued added \$3.1 billion to M&T’s common shareholders’ equity. In connection with the acquisition, the Company recorded \$1.1 billion of goodwill and \$132 million of core deposit intangible asset. The acquisition of Hudson City expanded the Company’s presence in New Jersey, Connecticut and New York.

Net acquisition and integration-related expenses (included herein as merger-related expenses) associated with the Hudson City acquisition totaled \$22 million after tax-effect, or \$.14 of diluted earnings per common share during 2016 and \$61 million after tax-effect, or \$.44 of diluted earnings per common share in 2015. There were no merger-related expenses in 2014.

Critical Accounting Estimates

The Company’s significant accounting policies conform with generally accepted accounting principles (“GAAP”) and are described in note 1 of Notes to Financial Statements. In applying those accounting policies, management of the Company is required to exercise judgment in determining many of the methodologies, assumptions and estimates to be utilized. Certain of the critical accounting estimates are more dependent on such judgment and in some cases may contribute to volatility in the Company’s reported financial performance should the assumptions and estimates used change over time due to changes in circumstances. Some of the more significant areas in which management of the Company applies critical assumptions and estimates include the following:

- **Accounting for credit losses** — The allowance for credit losses represents the amount that in management’s judgment appropriately reflects credit losses inherent in the loan and lease portfolio as of the balance sheet date. A provision for credit losses is recorded to adjust the level of the allowance as deemed necessary by management. In estimating losses inherent in the loan and lease portfolio, assumptions and judgment are applied to measure amounts and timing of expected future cash flows, collateral values and other

factors used to determine the borrowers' abilities to repay obligations. Historical loss trends are also considered, as are economic conditions, industry trends, portfolio trends and borrower-specific financial data. In accounting for loans acquired at a discount that is, in part, attributable to credit quality which are initially recorded at fair value with no carry-over of an acquired entity's previously established allowance for credit losses, the cash flows expected at acquisition in excess of estimated fair value are recognized as interest income over the remaining lives of the loans. Subsequent decreases in the expected principal cash flows require the Company to evaluate the need for additions to the Company's allowance for credit losses. Subsequent improvements in expected cash flows result first in the recovery of any applicable allowance for credit losses and then in the recognition of additional interest income over the remaining lives of the loans. Changes in the circumstances considered when determining management's estimates and assumptions could result in changes in those estimates and assumptions, which may result in adjustment of the allowance or, in the case of loans acquired at a discount, increases in interest income in future periods. A detailed discussion of facts and circumstances considered by management in determining the allowance for credit losses is included herein under the heading "Provision for Credit Losses" and in note 5 of Notes to Financial Statements.

• **Valuation methodologies** — Management of the Company applies various valuation methodologies to assets and liabilities which often involve a significant degree of judgment, particularly when liquid markets do not exist for the particular items being valued. Quoted market prices are referred to when estimating fair values for certain assets, such as trading assets, most investment securities, and residential real estate loans held for sale and related commitments. However, for those items for which an observable liquid market does not exist, management utilizes significant estimates and assumptions to value such items. Examples of these items include loans, deposits, borrowings, goodwill, core deposit and other intangible assets, other assets and liabilities obtained or assumed in business combinations, capitalized servicing assets, pension and other postretirement benefit obligations, estimated residual values of property associated with leases, and certain derivative and other financial instruments. These valuations require the use of various assumptions, including, among others, discount rates, rates of return on assets, repayment rates, cash flows, default rates, costs of servicing and liquidation values. The use of different assumptions could produce significantly different results, which could have material positive or negative effects on the Company's results of operations, financial condition or disclosures of fair value information.

In addition to valuation, the Company must assess whether there are any declines in value below the carrying value of assets that should be considered other than temporary or otherwise require an adjustment in carrying value and recognition of a loss in the consolidated statement of income. Examples include investment securities, other investments, mortgage servicing rights, goodwill, core deposit and other intangible assets, among others. Specific assumptions and estimates utilized by management are discussed in detail herein in management's discussion and analysis of financial condition and results of operations and in notes 1, 3, 4, 7, 8, 12, 18, 19 and 20 of Notes to Financial Statements.

• **Commitments, contingencies and off-balance sheet arrangements** — Information regarding the Company's commitments and contingencies, including guarantees and contingent liabilities arising from litigation, and their potential effects on the Company's results of operations is included in note 21 of Notes to Financial Statements. In addition, the Company is routinely subject to examinations from various governmental taxing authorities. Such examinations may result in challenges to the tax return treatment applied by the Company to specific transactions. Management believes that the assumptions and

judgment used to record tax-related assets or liabilities have been appropriate. Should tax laws change or the tax authorities determine that management's assumptions were inappropriate, the result and adjustments required could have a material effect on the Company's results of operations. Information regarding the Company's income taxes is presented in note 13 of Notes to Financial Statements. The recognition or de-recognition in the Company's consolidated financial statements of assets and liabilities held by so-called variable interest entities is subject to the interpretation and application of complex accounting pronouncements or interpretations that require management to estimate and assess the relative significance of the Company's financial interests in those entities and the degree to which the Company can influence the most important activities of the entities. Information relating to the Company's involvement in such entities and the accounting treatment afforded each such involvement is included in note 19 of Notes to Financial Statements.

Overview

The Company recorded net income during 2016 of \$1.32 billion or \$7.78 of diluted earnings per common share, up 22% and 8%, respectively, from \$1.08 billion or \$7.18 of diluted earnings per common share in 2015. Basic earnings per common share also increased 8% to \$7.80 in 2016 from \$7.22 in 2015. Net income in 2014 totaled \$1.07 billion, while diluted and basic earnings per common share were \$7.42 and \$7.47, respectively. The after-tax impacts of merger-related expenses associated with the 2015 acquisition of Hudson City were \$22 million (\$36 million pre-tax) or \$.14 of diluted earnings per common share and \$61 million (\$97 million pre-tax) or \$.44 of diluted earnings per common share in 2016 and 2015, respectively. There were no merger-related expenses in 2014. Expressed as a rate of return on average assets, net income in each of 2016 and 2015 was 1.06%, compared with 1.16% in 2014. The return on average common shareholders' equity was 8.16% in 2016, 8.32% in 2015 and 9.08% in 2014.

The Hudson City transaction was accounted for using the acquisition method of accounting and, accordingly, the results of operations acquired in such transaction have been included in the Company's financial results for the final two months of 2015 and all twelve months of 2016. The acquired operations added to the Company's average earning assets, net interest income and non-interest expenses.

Taxable-equivalent net interest income aggregated \$3.50 billion in 2016, \$2.87 billion in 2015 and \$2.70 billion in 2014. Average earning assets increased \$21.4 billion, or 23%, in 2016 as compared with 2015 due predominantly to higher average balances of loans and leases of \$17.8 billion, principally due to the full-year impact of the Hudson City acquisition, and interest-bearing deposits at banks of \$3.1 billion. Loans associated with Hudson City totaled \$19.0 billion on the acquisition date, consisting of approximately \$234 million of commercial real estate loans, \$18.6 billion of residential real estate loans and \$162 million of consumer loans. Offsetting the impact of higher earning assets was a three basis point (hundredths of one percent) narrowing of the net interest margin, or taxable-equivalent net interest income expressed as a percentage of average earning assets, from 3.14% in 2015 to 3.11% in 2016. Lower yields on investment securities and an increase in rates on interest-bearing deposits, reflecting the impact of time deposits in the former Hudson City markets, led to that narrowing. Average earning assets grew \$9.5 billion, or 12%, in 2015 as compared with 2014 due to higher balances of loans and leases of \$6.2 billion and investment securities of \$2.9 billion. Loans and investment securities obtained in the acquisition of Hudson City added approximately \$3.1 billion and \$409 million, respectively, to average earning assets in 2015. Offsetting the impact of higher earning assets was a 17 basis point narrowing of the net interest margin from 3.31% in 2014. Lower yields on investment securities and loans and leases outstanding led to that narrowing.

The provision for credit losses increased 12% to \$190 million in 2016 from \$170 million in 2015. The provision in 2015 was 37% higher than \$124 million in 2014. As of the acquisition date, the pre-merger Hudson City allowance for credit losses was eliminated in acquisition accounting and as provided for by GAAP, a \$21 million provision for credit losses was recorded in 2015 for incurred credit losses in connection with the \$18.3 billion of loans acquired at a premium that were not individually identifiable as impaired at the acquisition date. Net charge-offs were \$157 million in 2016, compared with \$134 million in 2015 and \$121 million in 2014. Net charge-offs as a percentage of average loans and leases were .18% in 2016 and .19% in each of 2015 and 2014.

Other income totaled \$1.83 billion in each of 2016 and 2015, compared with \$1.78 billion in 2014. Higher gains recognized on sales of investment securities and higher trading account and foreign exchange gains in 2016 were offset by a gain in 2015 on the sale of the Company's trade processing business. During 2016, the Company sold all of its collateralized debt obligations with an amortized cost of \$28 million held in the available-for-sale investment securities portfolio, resulting in a \$30 million gain. Those securities, which had been obtained in previous acquisitions, were sold in response to the provisions of the Dodd-Frank Wall Street Reform and Consumer Protection Act ("Dodd-Frank Act") commonly referred to as the "Volcker Rule." There were no significant gains or losses on investment securities during 2015 or 2014. In 2015, the Company sold its trade processing business within the retirement services division of its Institutional Client Services business and recognized a \$45 million gain. The Hudson City transaction did not have a significant impact on other income. The increase in other income in 2015 as compared with 2014 was largely due to higher commercial mortgage banking revenues, loan syndication fees and the gain on the sale of the trade processing business, partially offset by lower trust income associated with the divested business, decreased residential mortgage banking revenues and a decline in service charges on deposit accounts.

Other expense increased 8% to \$3.05 billion in 2016 from \$2.82 billion in 2015. Other expense totaled \$2.69 billion in 2014. Included in those amounts are expenses considered by M&T to be "nonoperating" in nature, consisting of amortization of core deposit and other intangible assets of \$43 million, \$26 million, and \$34 million in 2016, 2015 and 2014, respectively, and merger-related expenses of \$36 million and \$76 million in 2016 and 2015, respectively. Exclusive of those nonoperating expenses, noninterest operating expenses aggregated \$2.97 billion in 2016, compared with \$2.72 billion in 2015 and \$2.66 billion in 2014. The increase in such expenses in 2016 as compared with 2015 reflects the full-year impact of the Hudson City acquisition and higher costs for salaries and employee benefits and FDIC assessments. In addition to the impact of Hudson City, the increase in salaries and employee benefits expense was largely attributable to higher medical benefit plan expenses and annual merit increases for employees. The rise in noninterest operating expenses from 2014 to 2015 was largely due to higher costs for salaries and employee benefits and charitable contributions, partially offset by lower professional services costs. In addition to the impact of Hudson City, the increase in salaries and employee benefits was largely attributable to annual merit increases for employees and higher pension expense. Following the realized gains on sales of investment securities, the Company made cash contributions to The M&T Charitable Foundation of \$30 million in 2016, while in 2015 the Company made cash contributions to that foundation of \$46 million following the realization of the gain on the sale of its trade processing business. The Company also made cash contributions of \$18 million to The M&T Charitable Foundation in 2014.

The efficiency ratio measures the relationship of operating expenses to revenues. The Company's efficiency ratio, or noninterest operating expenses (as previously defined) divided by the sum of taxable-equivalent net interest income and noninterest income (exclusive of gains and losses from bank investment securities), was 56.1% in 2016, compared with 58.0% and 59.3% in 2015 and 2014, respectively. The calculations of the efficiency ratio are presented in table 2.

On June 29, 2016, M&T announced that the Federal Reserve did not object to M&T's revised 2016 Capital Plan. That capital plan includes the repurchase of up to \$1.15 billion of common shares during the four-quarter period starting on July 1, 2016 and an increase in the quarterly common stock dividend in the first quarter of 2017 of up to \$.05 per share to \$.75 per share. M&T may also continue to pay dividends and interest on other equity and debt instruments included in regulatory capital, including preferred stock, trust preferred securities and subordinated debt that were outstanding at December 31, 2015, consistent with the contractual terms of those instruments. Dividends are subject to declaration by M&T's Board of Directors. Furthermore, on July 19, 2016, M&T's Board of Directors authorized a new stock repurchase program to repurchase up to \$1.15 billion of shares of M&T's common stock subject to all applicable regulatory limitations, including those set forth in M&T's 2016 Capital Plan.

Table 1

EARNINGS SUMMARY

Dollars in millions

Increase (Decrease)(a)									Compound Growth Rat 5 Years 2011 to 201	
2015 to 2016	2014 to 2015	2014 to 2015	2014 to 2015	2016	2015	2014	2013	2012	2011 to 201	
Amount	%	Amount	%							
\$727.5	23	\$214.8	7	Interest income(b)	\$3,922.8	\$3,195.3	\$2,980.5	\$2,982.3	\$2,968.1	7 %
97.7	30	47.8	17	Interest expense	426.0	328.3	280.4	284.1	343.2	1
629.8	22	167.0	6	Net interest income(b)	3,496.8	2,867.0	2,700.1	2,698.2	2,624.9	8
20.0	12	46.0	37	Less: provision for credit losses	190.0	170.0	124.0	185.0	204.0	(7)
				Gain (loss) on bank investment						
30.4	—	—	—	securities(c)	30.3	—	—	46.7	(47.8)	—
(29.4)	(2)	45.8	3	Other income	1,795.7	1,825.1	1,779.3	1,818.5	1,715.1	4
				Less:						
74.1	5	144.6	10	Salaries and employee benefits	1,623.6	1,549.5	1,405.0	1,355.2	1,314.6	6
150.5	12	(11.1)	(1)	Other expense	1,423.8	1,273.4	1,284.5	1,232.7	1,155.2	3
386.2	23	33.3	2	Income before income taxes	2,085.4	1,699.2	1,665.9	1,790.5	1,618.4	10
				Less:						
2.5	10	.9	3	Taxable-equivalent adjustment(b)	27.0	24.5	23.7	25.0	26.4	1
148.3	25	19.0	3	Income taxes	743.3	595.0	576.0	627.0	562.5	13
\$235.4	22	\$13.4	1	Net income	\$1,315.1	\$1,079.7	\$1,066.2	\$1,138.5	\$1,029.5	9 %

(a)Changes were calculated from unrounded amounts.

(b)Interest income data are on a taxable-equivalent basis. The taxable-equivalent adjustment represents additional income taxes that would be due if all interest income were subject to income taxes. This adjustment, which is related to interest received on qualified municipal securities, industrial revenue financings and preferred equity securities, is based on a composite income tax rate of approximately 39%.

(c)Includes other-than-temporary impairment losses, if any.

Supplemental Reporting of Non-GAAP Results of Operations

As a result of business combinations and other acquisitions, the Company had intangible assets consisting of goodwill and core deposit and other intangible assets totaling \$4.7 billion at each of December 31, 2016 and 2015 and \$3.6 billion at December 31, 2014. Included in such intangible assets was goodwill of \$4.6 billion at each of December 31, 2016 and 2015 and \$3.5 billion at December 31, 2014. Amortization of core deposit and other intangible assets, after tax effect, totaled \$26 million, \$16 million and \$21 million during 2016, 2015 and 2014, respectively.

M&T consistently provides supplemental reporting of its results on a “net operating” or “tangible” basis, from which M&T excludes the after-tax effect of amortization of core deposit and

other intangible assets (and the related goodwill, core deposit intangible and other intangible asset balances, net of applicable deferred tax amounts) and gains and expenses associated with merging acquired operations into the Company, since such items are considered by management to be “nonoperating” in nature. Those merger-related expenses generally consist of professional services and other temporary help fees associated with the actual or planned conversion of systems and/or integration of operations; costs related to branch and office consolidations; costs related to termination of existing contractual arrangements to purchase various services; initial marketing and promotion expenses designed to introduce M&T Bank to its new customers; severance; incentive compensation costs; travel costs; and printing, supplies and other costs of completing the transactions and commencing operations in new markets and offices. Those expenses totaled \$36 million (\$22 million after-tax) in 2016 and \$76 million (\$48 million after-tax) in 2015. Also considered as a merger-related expense in 2015 was a provision for credit losses of \$21 million. GAAP provides that an allowance for credit losses associated with probable incurred losses on loans acquired at a premium be recognized. Given the recognition of such losses above and beyond the impact of forecasted losses used in determining the fair value of acquired loans, the Company considered that provision to be a merger-related expense. There were no merger-related expenses in 2014. Although “net operating income” as defined by M&T is not a GAAP measure, M&T’s management believes that this information helps investors understand the effect of acquisition activity in reported results.

Net operating income was \$1.36 billion in 2016, compared with \$1.16 billion in 2015 and \$1.09 billion in 2014. Diluted net operating earnings per common share were \$8.08 in 2016, \$7.74 in 2015 and \$7.57 in 2014.

Net operating income expressed as a rate of return on average tangible assets was 1.14% in 2016, compared with 1.18% in 2015 and 1.23% in 2014. Net operating income represented a return on average tangible common equity of 12.25% in 2016, 13.00% in 2015 and 13.76% in 2014.

Reconciliations of GAAP amounts with corresponding non-GAAP amounts are presented in table 2.

Table 2

RECONCILIATION OF GAAP TO NON-GAAP MEASURES

	2016	2015	2014
Income statement data			
Dollars in thousands, except per share			
Net income			
Net income	\$1,315,114	\$1,079,667	\$1,066,246
Amortization of core deposit and other intangible assets(a)	25,893	16,150	20,657
Merger-related expenses(a)	21,685	60,820	—
Net operating income	\$1,362,692	\$1,156,637	\$1,086,903
Earnings per common share			
Diluted earnings per common share	\$7.78	\$7.18	\$7.42
Amortization of core deposit and other intangible assets(a)	.16	.12	.15
Merger-related expenses(a)	.14	.44	—
Diluted net operating earnings per common share	\$8.08	\$7.74	\$7.57
Other expense			
Other expense	\$3,047,485	\$2,822,932	\$2,689,474
Amortization of core deposit and other intangible assets	(42,613)	(26,424)	(33,824)
Merger-related expenses	(35,755)	(75,976)	—
Noninterest operating expense	\$2,969,117	\$2,720,532	\$2,655,650
Merger-related expenses			
Salaries and employee benefits	\$5,334	\$51,287	\$—
Equipment and net occupancy	1,278	3	—
Outside data processing and software	1,067	785	—
Advertising and marketing	10,522	79	—
Printing, postage and supplies	1,482	504	—
Other costs of operations	16,072	23,318	—
Other expense	35,755	75,976	—
Provision for credit losses	—	21,000	—
Total	\$35,755	\$96,976	\$—
Efficiency ratio			
Noninterest operating expense (numerator)	\$2,969,117	\$2,720,532	\$2,655,650
Taxable-equivalent net interest income	3,496,849	2,867,050	2,700,088
Other income	1,825,996	1,825,037	1,779,273
Less: Gain (loss) on bank investment securities	30,314	(130)	—
Denominator	\$5,292,531	\$4,692,217	\$4,479,361
Efficiency ratio	56.10	% 57.98	% 59.29 %
Balance sheet data			
In millions			
Average assets			
Average assets	\$124,340	\$101,780	\$92,143
Goodwill	(4,593)	(3,694)	(3,525)
Core deposit and other intangible assets	(117)	(45)	(50)
Deferred taxes	46	16	15
Average tangible assets	\$119,676	\$98,057	\$88,583
Average common equity			
Average total equity	\$16,419	\$13,228	\$12,097

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Preferred stock	(1,297)	(1,232)	(1,192)
Average common equity	15,122	11,996	10,905
Goodwill	(4,593)	(3,694)	(3,525)
Core deposit and other intangible assets	(117)	(45)	(50)
Deferred taxes	46	16	15
Average tangible common equity	\$10,458	\$8,273	\$7,345
At end of year			
Total assets			
Total assets	\$123,449	\$122,788	\$96,686
Goodwill	(4,593)	(4,593)	(3,525)
Core deposit and other intangible assets	(98)	(140)	(35)
Deferred taxes	39	54	11
Total tangible assets	\$118,797	\$118,109	\$93,137
Total common equity			
Total equity	\$16,487	\$16,173	\$12,336
Preferred stock	(1,232)	(1,232)	(1,231)
Undeclared dividends — cumulative preferred stock	(3)	(2)	(3)
Common equity, net of undeclared cumulative preferred dividends	15,252	14,939	11,102
Goodwill	(4,593)	(4,593)	(3,525)
Core deposit and other intangible assets	(98)	(140)	(35)
Deferred taxes	39	54	11
Total tangible common equity	\$10,600	\$10,260	\$7,553

(a) After any related tax effect.

Net Interest Income/Lending and Funding Activities

Taxable-equivalent net interest income aggregated \$3.50 billion in 2016, up 22% from \$2.87 billion in 2015. That growth was predominantly attributable to higher average earning assets in 2016, partially offset by a three basis point narrowing of the net interest margin to 3.11% in 2016 from 3.14% in 2015. The higher level of average earning assets reflected the full-year impact of assets obtained in the acquisition of Hudson City on November 1, 2015. Average earning assets rose \$21.4 billion or 23% to \$112.6 billion in 2016 reflecting higher average loans and leases of \$17.8 billion. The narrowing of the margin reflected higher rates paid on interest-bearing deposits, including the impact of time deposits in the former Hudson City markets.

Average loans and leases increased 25% to \$88.6 billion in 2016 from \$70.8 billion in 2015. The most significant factors contributing to that increase were the residential real estate loans obtained in the Hudson City acquisition and growth in the commercial real estate loan and commercial loan and lease portfolios. Reflecting average balances of loans obtained in the Hudson City transaction of \$16.3 billion in 2016 and \$3.1 billion in 2015, average residential real estate loans increased \$13.0 billion to \$24.5 billion in 2016 from \$11.5 billion in the previous year. Included in average residential real estate loans were loans held for sale of \$354 million in 2016 and \$415 million in 2015. Average commercial loans and leases increased \$1.5 billion or 8% to \$21.4 billion in 2016 from \$19.9 billion in 2015. Commercial real estate loans averaged \$30.9 billion in 2016, up 9% or \$2.6 billion from \$28.3 billion in 2015. Average consumer loans rose \$638 million or 6% to \$11.8 billion in 2016 from \$11.2 billion in the prior year, predominantly due to growth in average automobile loan balances.

Taxable-equivalent net interest income increased 6% to \$2.87 billion in 2015 from \$2.70 billion in 2014. That improvement was the result of higher average earning assets in 2015, including \$3.7 billion of average earning assets obtained in the acquisition of Hudson City. Average earning assets rose 12% to \$91.2 billion in 2015 from \$81.7 billion in 2014. That growth, however, was partially offset by a 17 basis point narrowing of the net interest margin to 3.14% in 2015 from 3.31% in 2014. The narrowing reflected lower average yields on investment securities and loans and leases outstanding.

Average loans and leases rose \$6.2 billion or 10% to \$70.8 billion in 2015 from \$64.7 billion in 2014, due in part to \$3.1 billion of average loans obtained in the acquisition of Hudson City. Including the impact of the acquired loan balances, average balances of residential real estate loans increased 31% or \$2.7 billion to \$11.5 billion in 2015 from \$8.7 billion in 2014. Included in that portfolio were loans held for sale, which averaged \$415 million in 2015 and \$403 million 2014. Commercial loan and lease balances averaged \$19.9 billion in 2015, \$1.0 billion or 5% higher than \$18.9 billion in 2014. Average balances of commercial real estate loans increased 7% or \$1.8 billion to \$28.3 billion in 2015 from \$26.5 billion in 2014. Average consumer loans totaled \$11.2 billion in 2015, up \$584 million or 6% from \$10.6 billion in 2014, reflecting growth in average balances of automobile loans.

Table 3

AVERAGE BALANCE SHEETS AND TAXABLE-EQUIVALENT RATES

	2016			2015			2014			2013			Average
	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average
	Balance	Interest	Rate	Balance	Interest	Rate	Balance	Interest	Rate	Balance	Interest	Rate	Rate
	(Average balance in millions of dollars; interest in thousands of dollars)												
	\$21,397	\$736,240	3.44%	19,899	638,199	3.21%	18,867	624,487	3.31%	17,736	628,154	3.54%	3.54%
	30,915	1,277,196	4.06	28,276	1,193,271	4.16	26,461	1,142,939	4.26	26,083	1,198,400	4.53	4.53
	24,463	958,521	3.92	11,458	468,790	4.09	8,719	368,632	4.23	10,136	418,095	4.12	4.12
	11,841	538,144	4.54	11,203	499,650	4.46	10,618	480,877	4.53	11,098	510,962	4.60	4.60
	88,616	3,510,101	3.96	70,836	2,799,910	3.95	64,665	2,616,935	4.05	65,053	2,755,611	4.24	4.24
	8,846	45,516	.51	5,775	15,252	.26	5,342	13,361	.25	2,139	5,201	.24	.24
to resell													
	—	3	.86	34	35	.10	89	64	.07	128	114	.09	.09
	85	1,442	1.71	86	1,247	1.44	76	1,381	1.81	78	1,482	1.91	1.91
s	14,025	332,926	2.37	13,514	336,873	2.49	10,543	304,178	2.88	5,123	165,879	3.24	3.24
	90	3,839	4.24	143	6,391	4.46	166	8,115	4.89	194	9,999	5.15	5.15
	894	29,006	3.24	799	35,599	4.45	800	36,485	4.56	1,298	44,019	3.39	3.39
	15,009	365,771	2.44	14,456	378,863	2.62	11,509	348,778	3.03	6,615	219,897	3.32	3.32
	112,556	3,922,833	3.49	91,187	3,195,307	3.50	81,681	2,980,519	3.65	74,013	2,982,305	4.03	4.03
	(976)			(935)			(923)			(932)			
	1,273			1,242			1,277			1,380			
	11,487			10,286			10,108			9,201			
	\$124,340			101,780			92,143			83,662			
ty													
osits	\$52,194	87,704	.17	43,885	46,140	.11	41,508	46,869	.11	37,662	56,235	.15	.15
	12,253	102,841	.84	4,641	27,059	.58	3,290	15,515	.47	4,045	26,439	.65	.65
	199	797	.40	216	615	.28	327	699	.21	496	1,018	.21	.21
	64,646	191,342	.30	48,742	73,814	.15	45,125	63,083	.14	42,203	83,692	.20	.20
	894	3,625	.41	548	1,677	.31	215	101	.05	390	430	.11	.11

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	10,252	231,017	2.25	10,217	252,766	2.47	7,492	217,247	2.90	4,941	199,983	4.05
	75,792	425,984	.56	59,507	328,257	.55	52,832	280,431	.53	47,534	284,105	.60
	30,160			27,324			25,715			23,721		
	1,969			1,721			1,499			1,685		
	107,921			88,552			80,046			72,940		
	16,419			13,228			12,097			10,722		
equity	\$ 124,340			101,780			92,143			83,662		
			2.93			2.95			3.12			3.43
			.18			.19			.19			.22
ning		\$ 3,496,849	3.11 %		2,867,050	3.14 %		2,700,088	3.31 %		2,698,200	3.65

(a) Includes nonaccrual loans.

(b) Includes available-for-sale investment securities at amortized cost.

Table 4 summarizes average loans and leases outstanding in 2016 and percentage changes in the major components of the portfolio over the past two years.

Table 4

AVERAGE LOANS AND LEASES

(Net of unearned discount)

	2016 (In millions)	Percent Increase (Decrease) from 2015 to 2014 to 2016 2015	
Commercial, financial, etc.	\$ 21,397	8 %	5 %
Real estate – commercial	30,915	9	7
Real estate – consumer	24,463	114	31
Consumer			
Automobile	2,740	24	32
Home equity lines and loans	5,788	(2)	(2)
Other	3,313	8	7
Total consumer	11,841	6	6
Total	\$ 88,616	25 %	10%

Commercial loans and leases, excluding loans secured by real estate, totaled \$22.6 billion at December 31, 2016, representing 25% of total loans and leases. Table 5 presents information on commercial loans and leases as of December 31, 2016 relating to geographic area, size, borrower industry and whether the loans are secured by collateral or unsecured. Of the \$22.6 billion of commercial loans and leases outstanding at the end of 2016, approximately \$20.0 billion, or 88%, were secured, while 40%, 25% and 23% were granted to businesses in New York State, Pennsylvania and the Mid-Atlantic area (which includes Delaware, Maryland, New Jersey, Virginia, West Virginia and the District of Columbia), respectively. The Company provides financing for leases to commercial customers, primarily for equipment. Commercial leases included in total commercial loans and leases at December 31, 2016 aggregated \$1.3 billion, of which 48% were secured by collateral located in New York State, 16% were secured by collateral in Pennsylvania and another 15% were secured by collateral in the Mid-Atlantic area.

Table 5

COMMERCIAL LOANS AND LEASES, NET OF UNEARNED DISCOUNT

(Excludes Loans Secured by Real Estate)

December 31, 2016

	New York	Pennsylvania	Mid-Atlantic(a)	Other	Total	Percent of Total
	(Dollars in millions)					
Automobile dealerships	\$1,684	\$903	\$567	\$921	\$4,075	18 %
Manufacturing	1,735	1,092	569	525	3,921	17
Services	1,297	871	1,223	269	3,660	16
Wholesale	964	538	494	164	2,160	10
Health services	562	290	644	74	1,570	7
Financial and insurance	675	352	318	200	1,545	7
Real estate investors	736	205	336	122	1,399	6
Transportation, communications, utilities	338	424	304	317	1,383	6
Retail	255	318	289	113	975	5
Construction	386	263	247	54	950	4
Public administration	176	68	36	1	281	1
Agriculture, forestry, fishing, etc.	29	141	49	—	219	1
Other	143	215	110	4	472	2
Total	\$8,980	\$5,680	\$5,186	\$2,764	\$22,610	100 %
Percent of total	40 %	25 %	23 %	12 %	100 %	
Percent of dollars outstanding						
Secured	83 %	80 %	86 %	78 %	82 %	
Unsecured	10	16	10	12	12	
Leases	7	4	4	10	6	
Total	100 %	100 %	100 %	100 %	100 %	
Percent of dollars outstanding by size of loan						
Less than \$1 million	23 %	18 %	25 %	8 %	20 %	
\$1 million to \$5 million	24	22	19	21	22	
\$5 million to \$10 million	15	21	15	22	17	
\$10 million to \$20 million	16	17	19	22	17	
\$20 million to \$30 million	8	9	7	12	9	
\$30 million to \$50 million	7	6	8	10	8	
Greater than \$50 million	7	7	7	5	7	
Total	100 %	100 %	100 %	100 %	100 %	

(a) Includes Delaware, Maryland, New Jersey, Virginia, West Virginia and the District of Columbia. International loans included in commercial loans and leases totaled \$228 million and \$191 million at December 31, 2016 and 2015, respectively. Included in such loans were \$95 million and \$64 million, respectively, of loans at M&T Bank's commercial banking office in Ontario, Canada. The remaining international loans are predominantly to domestic companies with foreign operations.

Loans secured by real estate, including outstanding balances of home equity loans and lines of credit which the Company classifies as consumer loans, represented approximately 69% of the loan

and lease portfolio during 2016, compared with 64% in 2015 and 2014. At December 31, 2016, the Company held approximately \$33.5 billion of commercial real estate loans, \$22.6 billion of consumer real estate loans secured by one-to-four family residential properties (including \$414 million of loans originated for sale) and \$5.6 billion of outstanding balances of home equity loans and lines of credit, compared with \$29.2 billion, \$26.3 billion and \$6.0 billion, respectively, at December 31, 2015. The decrease in the residential real estate loans reflects pay downs of loans obtained in the Hudson City acquisition. Included in commercial real estate loans at December 31, 2016 and 2015 were construction loans of \$8.0 billion and \$5.7 billion, respectively, including amounts due from builders and developers of residential real estate aggregating \$1.9 billion and \$1.6 billion at December 31, 2016 and 2015, respectively. Commercial real estate loans also included loans held for sale totaling \$643 million and \$39 million at December 31, 2016 and 2015, respectively.

Commercial real estate loans originated by the Company include fixed-rate instruments with monthly payments and a balloon payment of the remaining unpaid principal at maturity, in many cases five years after origination. For borrowers in good standing, the terms of such loans may be extended by the customer for an additional five years at the then-current market rate of interest. The Company also originates fixed-rate commercial real estate loans with maturities of greater than five years, generally having original maturity terms of approximately seven to ten years, and adjustable-rate commercial real estate loans. Adjustable-rate commercial real estate loans represented approximately 72% of the commercial real estate loan portfolio at the 2016 year-end. Table 6 presents commercial real estate loans by geographic area, type of collateral and size of the loans outstanding at December 31, 2016. New York City area commercial real estate loans totaled \$9.4 billion at December 31, 2016. The \$8.0 billion of investor-owned commercial real estate loans in the New York City area were largely secured by multifamily residential properties, retail space and office space. The Company's experience has been that office, retail and service-related properties tend to demonstrate more volatile fluctuations in value through economic cycles and changing economic conditions than do multifamily residential properties. Approximately 33% of the aggregate dollar amount of New York City area loans were for loans with outstanding balances of \$10 million or less, while loans of more than \$50 million made up approximately 17% of the total.

Table 6

COMMERCIAL REAL ESTATE LOANS, NET OF UNEARNED DISCOUNT

December 31, 2016

	New York State New York City (Dollars in millions)		Penn- sylvania	Mid- Atlantic(a)	Other	Total	Percent of Total
Investor-owned							
Permanent finance by property							
type							
Office	\$1,406	\$906	\$568	\$1,297	\$438	\$4,615	14 %
Apartments/Multifamily	1,707	719	372	772	970	4,540	13
Retail/Service	1,514	550	448	1,059	468	4,039	12
Hotel	848	380	252	667	279	2,426	7
Industrial/Warehouse	231	219	357	252	315	1,374	4
Health facilities	43	110	21	71	12	257	1
Other	205	35	14	24	15	293	1
Total permanent	5,954	2,919	2,032	4,142	2,497	17,544	52 %
Construction/Development							
Commercial							
Construction	935	647	603	1,524	827	4,536	14 %
Land/Land development	461	32	67	185	88	833	2
Residential builder and							
developer							
Construction	662	1	106	198	386	1,353	4
Land/Land development	9	14	33	262	251	569	2
Total construction/ development	2,067	694	809	2,169	1,552	7,291	22 %
Total investor-owned	8,021	3,613	2,841	6,311	4,049	24,835	74 %
Owner-occupied by industry(b)							
Health services	483	529	486	787	327	2,612	8 %
Other services	211	460	251	795	71	1,788	5
Retail	138	181	228	351	96	994	3
Automobile dealerships	178	175	245	179	184	961	3
Wholesale	82	64	142	292	52	632	2
Manufacturing	71	218	156	155	29	629	2
Real estate investors	17	40	24	52	2	135	—
Other	157	180	228	351	4	920	3
Total owner-occupied	1,337	1,847	1,760	2,962	765	8,671	26 %
Total commercial real estate	\$9,358	\$5,460	\$4,601	\$9,273	\$4,814	\$33,506	100 %
Percent of total	28 %	16 %	14 %	28 %	14 %	100 %	

Percent of dollars outstanding by												
size of loan												
Less than \$1 million	3	%	17	%	15	%	11	%	10	%	10	%
\$1 million to \$5 million	16		31		26		21		14		21	
\$5 million to \$10 million	14		19		20		16		17		17	
\$10 million to \$30 million	34		27		26		29		37		31	
\$30 million to \$50 million	16		5		8		12		10		11	
\$50 million to \$100 million	16		1		5		11		9		9	
Greater than \$100 million	1		—		—		—		3		1	
Total	100	%	100	%	100	%	100	%	100	%	100	%

(a) Includes Delaware, Maryland, New Jersey, Virginia, West Virginia and the District of Columbia.

(b) Includes \$727 million of construction loans

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Commercial real estate loans secured by properties located in other parts of New York State, Pennsylvania and the Mid-Atlantic area tend to have a greater diversity of collateral types and include a significant amount of lending to customers who use the mortgaged property in their trade or business (owner-occupied). Approximately 67% of the aggregate dollar amount of commercial real estate loans in New York State secured by properties located outside of the New York City area were for loans with outstanding balances of \$10 million or less. Of the outstanding balances of commercial real estate loans in Pennsylvania and the Mid-Atlantic area, approximately 61% and 48%, respectively, were for loans with outstanding balances of \$10 million or less.

Commercial real estate loans secured by properties located outside of Pennsylvania, the Mid-Atlantic area and New York State comprised 14% of total commercial real estate loans as of December 31, 2016.

Commercial real estate construction and development loans made to investors presented in table 6 totaled \$7.3 billion at December 31, 2016, or 8% of total loans and leases. Approximately 95% of those construction loans had adjustable interest rates. Included in such loans at the 2016 year-end were \$1.9 billion of loans to builders and developers of residential real estate properties. Information about the credit performance of the Company's loans to builders and developers of residential real estate properties is included herein under the heading "Provision For Credit Losses." The remainder of the commercial real estate construction loan portfolio was comprised of loans made for various purposes, including the construction of office buildings, multifamily residential housing, retail space and other commercial development.

M&T Realty Capital Corporation, a commercial real estate lending subsidiary of M&T Bank, participates in the Delegated Underwriting and Servicing ("DUS") program of Fannie Mae, pursuant to which commercial real estate loans are originated in accordance with terms and conditions specified by Fannie Mae and sold. Under this program, loans are sold with partial credit recourse to M&T Realty Capital Corporation. The amount of recourse is generally limited to one-third of any credit loss incurred by the purchaser on an individual loan, although in some cases the recourse amount is less than one-third of the outstanding principal balance. The Company's maximum credit risk for recourse associated with sold commercial real estate loans was approximately \$2.8 billion and \$2.5 billion at December 31, 2016 and 2015, respectively. There have been no material losses incurred as a result of those recourse arrangements. Commercial real estate loans held for sale at December 31, 2016 and 2015 aggregated \$643 million and \$39 million, respectively. At December 31, 2016 and 2015, commercial real estate loans serviced by the Company for other investors were \$11.8 billion and \$11.0 billion, respectively. Those serviced loans are not included in the Company's consolidated balance sheet. In January 2017, M&T Realty Capital Corporation purchased commercial mortgage banking servicing rights and other assets which increased commercial real estate loans serviced for others by \$2.7 billion. The purchase price and assets acquired were not material to the Company's consolidated financial position.

Real estate loans secured by one-to-four family residential properties were \$22.6 billion at December 31, 2016, including approximately 34% secured by properties located in New York State, 7% secured by properties located in Pennsylvania, 29% secured by properties in New Jersey and 11% secured by properties located in other Mid-Atlantic areas. At December 31, 2016, \$414 million of residential real estate loans had been originated for sale, compared with \$353 million at December 31, 2015. The Company's portfolio of alternative ("Alt-A") residential real estate loans (referred to as "limited documentation loans") held for investment decreased by \$686 million to \$3.6 billion at December 31, 2016 from \$4.3 billion at December 31, 2015. A portfolio of limited documentation loans was acquired with the Hudson City transaction which totaled \$3.3 billion and \$4.0 billion at December 31, 2016 and 2015, respectively. Alt-A loans represent loans that at origination typically included some form of limited borrower documentation requirements as compared with more traditional residential real estate loans. Hudson City loans that were eligible for limited documentation processing were available in amounts up to 65% of the lower of the appraised

value or purchase price of the property. Hudson City discontinued its limited documentation loan program in January 2014. Loans in the Company's Alt-A portfolio prior to the Hudson City transaction were originated by the Company prior to 2008. Loans to individuals to finance the construction of one-to-four family residential properties totaled \$21 million at December 31, 2016 and \$34 million at December 31, 2015, or less than .1% of total loans and leases at each of those dates. Information about the credit performance of the Company's residential real estate loans is included herein under the heading "Provision For Credit Losses."

Consumer loans comprised approximately 13% of total loans and leases at each of December 31, 2016 and 2015. Outstanding balances of home equity loans and lines of credit represent the largest component of the consumer loan portfolio. Such balances represented approximately 6% of total loans and leases at December 31, 2016 and 7% at December 31, 2015. No other consumer loan product represented at least 4% of loans outstanding at December 31, 2016. Approximately 39% of home equity loans and lines of credit outstanding at December 31, 2016 were secured by properties in New York State, 26% in Maryland, 21% in Pennsylvania and 3% in New Jersey. Outstanding automobile loan balances rose to \$2.9 billion at December 31, 2016 from \$2.5 billion at December 31, 2015. That increase reflects continued consumer demand for motor vehicles.

Table 7 presents the composition of the Company's loan and lease portfolio at the end of 2016, including outstanding balances to businesses and consumers in New York State, Pennsylvania, the Mid-Atlantic area and other states. Approximately 39% of total loans and leases at December 31, 2016 were to New York State customers, while 16% and 30% were to Pennsylvania and the Mid-Atlantic area customers, respectively.

Table 7

LOANS AND LEASES, NET OF UNEARNED DISCOUNT

December 31, 2016

	Outstandings (In millions)	Percent of Dollars Outstanding					
		New York	Penn- sylvania	Mid-Atlantic Maryland	New Jersey	Other(a)	Other
Real estate							
Residential	\$ 22,591	34%	7 %	6 %	29%	5 %	19%
Commercial	33,506	44	14	12	6	10	14
Total real estate	56,097	40%	11 %	10%	15%	8 %	16%
Commercial, financial, etc.	21,337	39%	26 %	13 %	5 %	6 %	11%
Consumer							
Home equity lines and loans	5,641	39%	21 %	26%	3 %	10 %	1 %
Automobile	2,944	28	21	9	7	13	22
Other secured or guaranteed	2,842	21	11	7	7	7	47
Other unsecured	719	39	22	24	1	11	3
Total consumer	12,146	32%	19 %	17%	5 %	10 %	17%
Total loans	89,580	39%	16 %	11%	11%	8 %	15%
Commercial leases	1,273	48%	16 %	9 %	3 %	3 %	21%
Total loans and leases	\$ 90,853	39%	16 %	11%	11%	8 %	15%

(a) Includes Delaware, Virginia, West Virginia and the District of Columbia.

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The investment securities portfolio averaged \$15.0 billion in 2016, up from \$14.5 billion and \$11.5 billion in 2015 and 2014, respectively. The investment securities portfolio is largely comprised of residential mortgage-backed securities, debt securities issued by municipalities, trust preferred securities issued by certain financial institutions, and shorter-term U.S. Treasury and federal agency notes. When purchasing investment securities, the Company considers its liquidity position and its overall interest-rate risk profile as well as the adequacy of expected returns relative to risks assumed, including prepayments. The Company manages its investment securities portfolio, in part, to satisfy the requirements of the Liquidity Coverage Ratio (“LCR”) that became effective in January 2016. In September 2014, various federal banking regulators adopted final rules (“Final LCR Rule”) implementing a U.S. version of the Basel Committee’s LCR including the modified version applicable to bank holding companies, including M&T, with \$50 billion in total consolidated assets that are not “advanced approaches” institutions. The LCR is intended to ensure that banks hold a sufficient amount of “high quality liquid assets” to cover the anticipated net cash outflows during a hypothetical acute 30-day stress scenario. For additional information concerning the LCR rules, refer to Part I, Item 1 of this Form 10-K under the heading “Liquidity.”

In managing its investment securities portfolio, the Company occasionally sells investment securities as a result of changes in interest rates and spreads, actual or anticipated prepayments, credit risk associated with a particular security, or as a result of restructuring its investment securities portfolio in connection with a business combination. The Hudson City acquisition added approximately \$7.9 billion to the investment securities portfolio on the November 1, 2015 acquisition date. As noted earlier, immediately following the acquisition, the Company restructured its balance sheet by selling \$5.8 billion of those securities. During the third and fourth quarters of 2016, the Company sold the collateralized debt obligations that had been held in the available-for-sale investment securities portfolio for a gain of approximately \$30 million. Purchases of Fannie Mae, Freddie Mac and Ginnie Mae mortgage-backed securities totaled \$1.8 billion in 2016, \$3.5 billion in 2015 and \$5.2 billion in 2014. Purchases of U.S. Treasury notes totaled \$1.7 billion in 2016, while purchases in 2015 or 2014 were not significant. The amounts of investment securities held by the Company are influenced by such factors as demand for loans, which generally yield more than investment securities, ongoing repayments, the levels of deposits, and management of liquidity (including the LCR) and balance sheet size and resulting capital ratios.

The Company regularly reviews its investment securities for declines in value below amortized cost that might be characterized as “other than temporary.” There were no other-than-temporary impairment charges recognized in 2016, 2015 or 2014. Based on management’s assessment of future cash flows associated with individual investment securities as of December 31, 2016, the Company concluded that declines in value below amortized cost associated with the investment securities portfolio were temporary in nature. A further discussion of fair values of investment securities is included herein under the heading “Capital.” Additional information about the investment securities portfolio is included in notes 3 and 20 of Notes to Financial Statements.

Other earning assets include interest-bearing deposits at the Federal Reserve Bank of New York and other banks, trading account assets and federal funds sold. Those other earning assets in the aggregate averaged \$8.9 billion in 2016, \$5.9 billion in 2015 and \$5.5 billion in 2014. Interest-bearing deposits at banks averaged \$8.8 billion in 2016, compared with \$5.8 billion and \$5.3 billion in 2015 and 2014, respectively. The higher levels of average interest-bearing deposits at banks in 2016 when compared with 2015 and 2014 resulted largely from the Company’s decision to maintain higher balances at the Federal Reserve Bank of New York rather than reinvesting in other highly liquid assets due to the interest rate environment.

The most significant source of funding for the Company is core deposits. The Company considers noninterest-bearing deposits, interest-bearing transaction accounts, savings deposits and time deposits of \$250,000 or less as core deposits. The Company’s branch network is its principal source of core deposits, which generally carry lower interest rates than wholesale funds of

comparable maturities. Average core deposits totaled \$92.2 billion in 2016, up from \$74.2 billion in 2015 and \$69.1 billion in 2014. The Hudson City acquisition added approximately \$17.0 billion of core deposits on November 1, 2015, including \$9.7 billion of time deposits, \$6.6 billion of savings deposits and \$691 million of noninterest-bearing deposits. The higher average core deposits in 2016 as compared with 2015 and in 2015 as compared with 2014 were predominantly reflective of the impact of the merger with Hudson City. Funding provided by core deposits represented 82% of average earning assets in 2016, compared with 81% and 85% in 2015 and 2014, respectively. Table 8 summarizes average core deposits in 2016 and percentage changes in the components of such deposits over the past two years. Core deposits totaled \$93.1 billion and \$89.3 billion at December 31, 2016 and 2015, respectively.

Table 8

AVERAGE CORE DEPOSITS

	2016 (In millions)	Percent Increase (Decrease) from	
		2015 to 2016	2014 to 2015
Savings and interest-checking deposits	\$51,093	19 %	6 %
Time deposits	10,969	167	40
Noninterest-bearing deposits	30,160	10	6
Total	\$92,222	24 %	7 %

The Company also receives funding from other deposit sources, including branch-related time deposits over \$250,000, deposits associated with the Company's Cayman Islands office, and brokered deposits. Time deposits over \$250,000, excluding brokered deposits, averaged \$1.2 billion in 2016, \$501 million in 2015 and \$366 million in 2014. The higher level of such deposits in 2016 was due to the full-year impact of deposits obtained in the acquisition of Hudson City. Cayman Islands office deposits averaged \$199 million in 2016, \$216 million in 2015 and \$327 million in 2014. Brokered time deposits averaged \$59 million in 2016, compared with \$37 million in 2015 and \$4 million in 2014. The Company also had brokered savings and interest-bearing transaction accounts that averaged \$1.1 billion in each of 2016, 2015 and 2014. Additional amounts of Cayman Islands office deposits or brokered deposits may be added in the future depending on market conditions, including demand by customers and other investors for those deposits, and the cost of funds available from alternative sources at the time.

The Company also uses borrowings from banks, securities dealers, various Federal Home Loan Banks, the Federal Reserve Bank of New York and others as sources of funding. Short-term borrowings represent borrowing arrangements that at the time they were entered into had a contractual maturity of less than one year. Average short-term borrowings were \$894 million in 2016, \$548 million in 2015 and \$215 million in 2014. The higher levels of such borrowings in 2016 and 2015 were predominantly due to short-term borrowings from the Federal Home Loan Bank ("FHLB") of New York assumed in the Hudson City acquisition. Those short-term fixed-rate borrowings matured throughout 2016. There were no short-term borrowings from the Federal Home Loan Banks in 2014. Also included in short-term borrowings were unsecured federal funds borrowings, which generally mature on the next business day, that averaged \$151 million, \$138 million and \$156 million in 2016, 2015 and 2014, respectively. Overnight federal

funds borrowings totaled \$112 million at December 31, 2016 and \$99 million at December 31, 2015.

Long-term borrowings averaged \$10.3 billion in 2016, \$10.2 billion in 2015 and \$7.5 billion in 2014. M&T Bank has a Bank Note Program whereby M&T Bank may offer unsecured senior and subordinated notes. Only unsecured senior notes have been issued under that program, of which \$5.2 billion and \$5.5 billion were outstanding at December 31, 2016 and 2015, respectively. Average balances of outstanding notes issued under that program were \$5.3 billion in each of 2016 and 2015, compared with \$2.9 billion in 2014. During 2014, M&T Bank issued \$550 million of three-year floating rate, \$1.25 billion of three-year fixed rate and \$1.4 billion of five-year fixed rate notes. During 2015, M&T Bank issued \$1.5 billion of fixed rate notes of which \$750 million mature in 2020 and \$750 million mature in 2025. During 2016, a \$300 million floating rate note issued in 2013 matured. There were no issuances of borrowings under the Bank Note Program in 2016. The proceeds from the issuances of borrowings under the Bank Note Program have been predominantly utilized to purchase high quality liquid assets that meet the requirements of the LCR. Also included in average long-term borrowings were amounts borrowed from the Federal Home Loan Banks of New York, Atlanta and Pittsburgh of \$1.2 billion in each of 2016 and 2015 and \$692 million in 2014, and subordinated capital notes of \$1.5 billion in each of 2016 and 2015 and \$1.6 billion in 2014. During 2014, M&T Bank borrowed approximately \$1.1 billion from the FHLB of New York. Junior subordinated debentures associated with trust preferred securities that were included in average long-term borrowings were \$515 million in 2016, \$605 million in 2015 and \$889 million in 2014. In accordance with its 2015 capital plan, on April 15, 2015 M&T redeemed the junior subordinated debentures associated with the \$310 million of trust preferred securities of M&T Capital Trusts I, II and III. Those borrowings had a weighted-average interest rate of 8.24%. Additional information regarding junior subordinated debentures, as well as information regarding contractual maturities of long-term borrowings, is provided in note 9 of Notes to Financial Statements. Also included in long-term borrowings were agreements to repurchase securities, which averaged \$1.8 billion in 2016, \$1.5 billion in 2015 and \$1.4 billion during 2014. Agreements to repurchase securities assumed in connection with the Hudson City acquisition totaled \$6.9 billion at November 1, 2015. Immediately following the November 1, 2015 Hudson City acquisition date the balance sheet was restructured and \$6.4 billion of the assumed repurchase agreements were repaid. During 2016, \$800 million of repurchase agreements matured. The agreements held at December 31, 2016 totaled \$1.1 billion and have various repurchase dates through 2020, however, the contractual maturities of the underlying securities extend beyond such repurchase dates. The Company has utilized interest rate swap agreements to modify the repricing characteristics of certain components of long-term debt. As of December 31, 2016, interest rate swap agreements were used to hedge approximately \$900 million of outstanding fixed rate long-term borrowings. Further information on interest rate swap agreements is provided in note 18 of Notes to Financial Statements.

Changes in the composition of the Company's earning assets and interest-bearing liabilities, as discussed herein, as well as changes in interest rates and spreads, can impact net interest income. Net interest spread, or the difference between the taxable-equivalent yield on earning assets and the rate paid on interest-bearing liabilities, was 2.93% in 2016, compared with 2.95% in 2015 and 3.12% in 2014. The yield on the Company's earning assets declined one basis point to 3.49% in 2016 from 3.50% in 2015, while the rate paid on interest-bearing liabilities increased one basis point to .56% in 2016 from .55% in 2015. As compared with 2015, the narrowing of the net interest spread reflects the ongoing impact of the low interest rate environment on the yields earned on investment securities, higher rates paid on interest-bearing deposits (largely associated with time deposits obtained in the Hudson City acquisition) and higher amounts of relatively low yielding balances held at the Federal Reserve Bank of New York. The yield on earning assets declined 15 basis points in 2015 from 3.65% in 2014, while the rate paid on interest-bearing liabilities increased two basis points in 2015 from .53% in 2014. The narrowing of the net interest spread in 2015 as compared with 2014 also reflected the impact of the low interest rate environment on the yields earned on investment

securities and loans, higher average balances of investment securities and long-term borrowings, and the higher level of deposits held at the Federal Reserve Bank of New York.

Net interest-free funds consist largely of noninterest-bearing demand deposits and shareholders' equity, partially offset by bank owned life insurance and non-earning assets, including goodwill and core deposit and other intangible assets. Net interest-free funds averaged \$36.8 billion in 2016, compared with \$31.7 billion in 2015 and \$28.8 billion in 2014. The increases in average net interest-free funds in 2016 and 2015 reflect higher balances of noninterest-bearing deposits and shareholders' equity. Noninterest-bearing deposits averaged \$30.2 billion in 2016, \$27.3 billion in 2015 and \$25.7 billion in 2014. In connection with the acquisition of Hudson City, the Company added noninterest-bearing deposits of \$691 million at the acquisition date. In addition to the impact of the Hudson City acquisition, growth in noninterest-bearing deposits in 2016 reflects an increase in commercial and trust customer deposits. The growth from 2014 to 2015 reflected an increase in commercial customer deposits. Shareholders' equity averaged \$16.4 billion, \$13.2 billion and \$12.1 billion in 2016, 2015 and 2014, respectively. The rise in shareholders' equity from 2014 to 2016 reflected \$3.1 billion of common equity issued in connection with the acquisition of Hudson City, as well as net retained earnings. Goodwill and core deposit and other intangible assets averaged \$4.7 billion in 2016, \$3.7 billion in 2015 and \$3.6 billion in 2014. Goodwill of \$1.1 billion and core deposit intangible of \$132 million resulted from the Hudson City acquisition. The cash surrender value of bank owned life insurance averaged \$1.7 billion in each of 2016, 2015 and 2014. Increases in the cash surrender value of bank owned life insurance are not included in interest income, but rather are recorded in "other revenues from operations." The contribution of net interest-free funds to net interest margin was .18% in 2016 and .19% in each of 2015 and 2014.

Reflecting the changes to the net interest spread and the contribution of net interest-free funds as described herein, the Company's net interest margin was 3.11% in 2016, 3.14% in 2015 and 3.31% in 2014. Future changes in market interest rates or spreads, as well as changes in the composition of the Company's portfolios of earning assets and interest-bearing liabilities that result in reductions in spreads, could adversely impact the Company's net interest income and net interest margin.

Management assesses the potential impact of future changes in interest rates and spreads by projecting net interest income under several interest rate scenarios. In managing interest rate risk, the Company has utilized interest rate swap agreements to modify the repricing characteristics of certain portions of its interest-bearing liabilities. Periodic settlement amounts arising from these agreements are reflected in the rates paid on interest-bearing liabilities. The notional amount of interest rate swap agreements entered into for interest rate risk management purposes was \$900 million and \$1.4 billion at December 31, 2016 and 2015, respectively. Under the terms of those interest rate swap agreements, the Company received payments based on the outstanding notional amount at fixed rates and made payments at variable rates. Those interest rate swap agreements were designated as fair value hedges of certain fixed rate long-term borrowings. The \$500 million decline in the notional amount reflects the expiration of a hedge transaction upon conversion of \$500 million of fixed rate long-term borrowings to a floating rate. There were no interest rate swap agreements designated as cash flow hedges at those respective dates.

In a fair value hedge, the fair value of the derivative (the interest rate swap agreement) and changes in the fair value of the hedged item are recorded in the Company's consolidated balance sheet with the corresponding gain or loss recognized in current earnings. The difference between changes in the fair value of the interest rate swap agreements and the hedged items represents hedge ineffectiveness and is recorded in "other revenues from operations" in the Company's consolidated statement of income. The amounts of hedge ineffectiveness recognized in 2016, 2015 and 2014 were not material to the Company's consolidated results of operations. The estimated aggregate fair value of interest rate swap agreements designated as fair value hedges represented gains of approximately \$12 million at December 31, 2016 and \$44 million at December 31, 2015. The fair values of such interest rate swap agreements were substantially offset by changes in the fair values of the hedged items. The changes in the fair values of the interest rate swap agreements and the hedged items primarily result from the effects of changing interest rates and spreads. The Company's credit exposure as of December 31, 2016 with respect to the estimated fair value of interest rate swap agreements used for managing interest rate risk has been substantially mitigated through master netting arrangements with trading account interest rate contracts with the same counterparty as well as counterparty postings of \$5 million of collateral with the Company. Additional information about interest rate swap agreements and the items being hedged is included in note 18 of Notes to Financial Statements. The average notional amounts of interest rate swap agreements entered into for interest rate risk management purposes, the related effect on net interest income and margin, and the weighted-average interest rates paid or received on those swap agreements are presented in table 9.

Table 9

INTEREST RATE SWAP AGREEMENTS

	Year Ended December 31					
	2016		2015		2014	
	Amount	Rate(a)	Amount	Rate(a)	Amount	Rate(a)
	(Dollars in thousands)					
Increase (decrease) in:						
Interest income	\$—	— %	\$—	— %	\$—	— %
Interest expense	(36,866)	(.05)	(44,219)	(.07)	(44,996)	(.09)
Net interest						
income/margin	\$36,866	.04 %	\$44,219	.04 %	\$44,996	.06 %
Average notional amount	\$1,357,650		\$1,412,340		\$1,400,000	
Rate received(b)		4.39 %		4.42 %		4.42 %
Rate paid(b)		1.64 %		1.28 %		1.19 %

(a) Computed as a percentage of average earning assets or interest-bearing liabilities.

(b) Weighted-average rate paid or received on interest rate swap agreements in effect during year.

Provision for Credit Losses

The Company maintains an allowance for credit losses that in management's judgment appropriately reflects losses inherent in the loan and lease portfolio. A provision for credit losses is recorded to adjust the level of the allowance as

deemed necessary by management. The provision for credit losses was \$190 million in 2016, compared with \$170 million in 2015 and \$124 million in 2014. Net charge-offs of loans were \$157 million in 2016, \$134 million in 2015 and \$121 million in 2014. Net charge-offs as a percentage of average loans and leases outstanding were .18% in 2016, compared

with .19% in each of 2015 and 2014. A summary of the Company's loan charge-offs, provision and allowance for credit losses is presented in table 10 and in note 5 of Notes to Financial Statements.

Table 10

LOAN CHARGE-OFFS, PROVISION AND ALLOWANCE FOR CREDIT LOSSES

	2016	2015	2014	2013	2012
	(Dollars in thousands)				
Allowance for credit losses beginning					
balance	\$955,992	\$919,562	\$916,676	\$925,860	\$908,290
Charge-offs during year					
Commercial, financial, leasing, etc.	59,244	60,983	58,943	109,329	41,148
Real estate — construction	137	3,221	1,882	9,137	27,687
Real estate — mortgage	30,801	26,382	33,527	49,079	58,572
Consumer	141,073	107,787	84,390	85,965	