2016年12月期 年次決算短信

会 社 名 バンク・オブ・アメリカ・コーポレーション

(Bank of America Corporation)

株式銘柄コード (8648)

本店所在地 100 North Tryon Street, Charlotte, NC 28255 U.S.A.

所 属 部 東証市場第一部

決 算 期 本決算:年1回(12月) 中間決算:四半期ごと

問 合 せ 先 東京都港区元赤坂一丁目2番7号 赤坂 K タワー

アンダーソン・毛利・友常法律事務所 電話 03(6888)1000

1. 本国における決算発表日 2017年1月13日(金曜日)

定時株主総会開催予定日 未定

2. 業 績

		年 度 決 算	
	当年度(2016年)(百万ドル)	前年度(2015年)(百万ドル)	増減率(%)
正味利息収入	41,096	38,958	5.5
利息外収入	42,605	44,007	△3.2
純利益	17,906	15,836	13.1
1株当り純利益	1.58ドル	1.37ドル	15.3
1 休ヨリ杷利金	(希薄化後)1.50ドル	(希薄化後)1.31ドル	14.5

	第4四半期(10~12月の3ヵ月間)				
	当 期(百万ドル)	前年同期(百万ドル)	増減率(%)		
正味利息収入	10,292	9,686	6.3		
利息外収入	9,698	9,896	△2.0		
純 利 益	4,696	3,284	43.0		
1 株 平 N 然 利 米	0.43ドル	0.28ドル	53.6		
1株当り純利益	(希薄化後)0.40ドル	(希薄化後)0.27ドル	48.1		

- (注) 1. 本情報は、速報値であり、本発表時に入手可能な会社情報に基づき作成されている。
 - 2. 過年度の数値の一部は、当期の表示に一致させるために組替えられている。

配 当 金 の 推 移			備考
	当年度(2016年)(ドル)	前年度(2015年)(ドル)	
第 1 四 半 期	0.05	0.05	
第 2 四 半 期	0.05	0.05	
第 3 四 半 期	0.075	0.05	
第 4 四 半 期	0.075	0.05	
合 計	0.25	0.20	

(注) 1. 原則として各四半期に宣言された配当金である。

3. 概況、特記事項・その他

当社の 2016 年度第 4 四半期の当期純利益は 47 億ドル(1 株当たり 0.40 ドル)でした。また、2017 年度上半期の当社の普通株式の買戻し計画を 18 億ドル増加した 43 億ドルに拡大しました。

当社の 2016 年度第 4 四半期の収益(支払利息控除後)は前年同期の 196 億ドルから 2 %増加して 200 億ドルでした。純受取利息は市場関連債務ヘッジ損失 2 億ドルにより一部減殺されたものの、金利上昇効果並びに貸出金及び預金の増加を反映し、前年同期から 6 %増加して 103 億ドルでした。2015 年度第 4 四半期の一部の信託優先証券の調整を除くと、純受取利息は概ね横ばいでした。利息外収益は前年同期の 99 億ドルから 2 %減少して 97 億ドルでした。貸倒引当金繰入額は前年同期の 8 億 1,000 万ドルから 7 億 7,400 万ドルに減少しました。純貸倒償却額は前年同期の 11 億ドルから 8 億 8,000 万ドルに減少し、純貸倒償却率は過去最低の 0.39%に改善しました。利息外費用は前年同期から 8 億 4,900 万ドル(6 %)減少し、132 億ドルでした。税引前利益は前年同期と比較して 27%増の 61 億ドルでした。当期純利益は前年同期の 33 億ドルに対し、43%増加して 47 億ドル、1 株当たり利益は前年同期の 0.27 ドルに対し、48%増加して 0.40 ドルでした。貸出金残高は前年同期と比較して 190 億ドル増加し、9,159 億ドルでした。預金残高は前年同期と比較して 640 億ドル増加し、1 兆 2,600 億ドルでした。

平均資産利益率は 0.85%、平均普通株主持分利益率は 7.0%、平均有形普通株主持分利益率は 9.9%でした。 1 株当たり純資産は前年同期と比較して 7 %増加し、24.04 ドルで、 1 株当たり有形純資産は前年同期と比較して 9 %増加し、16.95 ドルでした。 2016 年度の当社の普通株式の買戻しは 51 億ドル、普通株式配当は 26 億ドルでした。

ブライアン・モイニハン最高経営者責任者は、「2016 年度は好決算を達成することができました。当社の戦略が機能しているからです。貸出金が伸びる一方で、貸倒償却は過去最低水準にあります。責任ある成長とはこのことに他なりません。収益は小幅の増加にとどまりましたが、費用の管理と営業レバレッジの創出を継続した結果、1株当たり利益は 15%増加しました。金利が上昇するなか、当社は各事業で強固なリーダーシップを確立していることから、2017 年度も引き続き成長し、株主の皆様に成果をお届けできる態勢にあります。」とコメントしています。

ポール・ドノフリオ最高財務責任者は、「顧客の活発な取引に費用の高い規律が相まって、当四半期も堅調な営業レバレッジを生み出すことができました。当四半期決算では最近の金利上昇の影響を見ることはまだできませんでしたが、2017 年度第1四半期には純受取利息が大幅に増加するものと予想しています。当社は、今年度上半期の株式の買戻し計画を25億ドルから43億ドルに増額することを本日発表したことからも明らかなように、株主の皆様のための価値の達成に引き続き注力しています。」とコメントしています。

(上記は現地 2017 年 1 月 13 日発表のニュースリリースの抜粋箇所の抄訳です。原文と抄訳の間に齟齬がある場合には、原文の内容が優先します。全文(原文)は、以下のとおりです。)

Bank of America Reports Q4-16 Net Income of \$4.7 Billion, EPS of \$0.40 Increases Planned Common Stock Repurchases for First-Half 2017 by \$1.8 Billion to \$4.3 Billion

Q4-16 Financial Highlights¹

- Revenue, net of interest expense, increased 2% to \$20.0 billion from \$19.6 billion
 - Net interest income (NII) increased 6% to \$10.3 billion, reflecting benefits from higher interest rates as well as growth in loans and deposits, partially offset by \$0.2 billion in market-related debt hedge ineffectiveness^(A)
 - Excluding adjustments for certain trust preferred securities in Q4-15, NII was relatively flat^(A)
 - Noninterest income decreased 2% to \$9.7 billion from \$9.9 billion
- Provision for credit losses declined to \$774 million from \$810 million. Net charge-offs declined to \$880 million from \$1.1 billion; net charge-off ratio improved to a historic low of 0.39%
- Noninterest expense declined 6%, or \$849 million, to \$13.2 billion
- Pretax earnings up 27% to \$6.1 billion
- Net income increased 43% to \$4.7 billion, and EPS increased 48% to \$0.40, compared to \$3.3 billion and \$0.27, respectively
- Loan balances increased \$19 billion to \$915.9 billion.³ Deposit balances increased \$64 billion to \$1.26 trillion
- Return on average assets 0.85%; return on average common equity 7.0%; return on average tangible common equity 9.9%^(C)
- Book value per share rose 7% to \$24.04; tangible book value per share (C) rose 9% to \$16.95
- Repurchased \$5.1 billion in common stock and paid \$2.6 billion in common stock dividends in 2016

Q4-16 Business Segment Highlights¹

Consumer Banking



- Loans up \$20.1 billion; deposits up \$55 billion
- Brokerage assets increased 18%
- Mobile banking active users increased 16% to 21.6 million
- Total credit/debit card spending up 6%²

Global Wealth and Investment Management



- Total client balances increased \$50.5 billion to more than \$2.5 trillion
- · Loans up \$9.1 billion
- Pretax margin improved to 23%
- Long-term assets under management (AUM) flows of \$18.9 billion

Global Banking



- Loans up \$15.6 billion; deposits up \$10.3 billion
- Total Corporation investment banking fees of \$1.2 billion
- Return on average allocated capital (ROAAC) increased to 17%

Global Markets



- Sales and trading revenue of \$2.8 billion, including negative net debit valuation adjustment (DVA) of \$101 million
- Excluding net DVA, sales and trading revenue up 11%^(B)
 - Fixed income up 12%^(B)
- Equities up 7%^(B)

CEO Commentary

"We had strong results in 2016 because our strategy is working. We are lending more and seeing historically low charge-offs, which is what responsible growth is all about. Revenue was up modestly, but EPS grew by 15% as we continued to manage our expenses and create operating leverage. With strong leadership positions in our businesses against a backdrop of rising interest rates, we are well-positioned to continue to grow and deliver for our shareholders in 2017."

— Brian Moynihan, Chief Executive Officer

Balance Sheet Highlights (\$ in billions, at end of period)	December 31, 2016	September 30, 2016	December 31, 2015
Total assets	\$2,187.7	\$2,195.3	\$2,144.3
Total loans and leases	906.7	905.0	897.0
Including non-U.S. consumer credit card	915.9	905.0	897.0
Total deposits	1,260.9	1,232.9	1,197.3
Global Liquidity Sources ^(D)	499	522	504
Common equity tier 1 (CET1) ratio (transition)	11.0%	11.0%	10.2%
CET1 ratio (fully phased-in) ^(E)	10.8%	10.9%	9.8%

¹ Financial Highlights and Business Segment Highlights compare to the year-ago quarter unless noted. Loan and deposit balances are shown on an end-of-period basis

² Combined consumer credit/debit spending, including GWIM, excludes the impact of portfolio divestitures. Including divestitures, combined spending was up 4%.
³ Period-end loan balances for Q4-16 include \$9.2 billion of non-U.S. consumer credit card loans, which are included in assets of business held for sale on the consolidated balance sheet.



CFO Commentary

"Strong client activity and good expense discipline created solid operating leverage again this quarter. While the recent rise in interest rates came too late to impact fourth-quarter results, we expect to see a significant increase in net interest income in the first quarter of 2017. We remain focused on delivering value to our shareholders as evidenced by today's announcement to increase our planned repurchases for the first half of this year from \$2.5 billion to \$4.3 billion."

— Paul M. Donofrio, Chief Financial Officer

Consumer Banking

recorded in Q4-15

release of \$52 million in Q4-15

		Three months ended		
Financial Results ¹	(\$ in millions)	12/31/2016	9/30/2016	12/31/2015
 Net income up 11% to \$1.9 billion as higher NII and lower expenses offset lower noninterest income, producing positive operating leverage Pretax, pre-provision net revenue up 12% to \$3.8 billion^(F) 	Net interest income (FTE)	\$5,466	\$5,289	\$5,229
	Noninterest income	2,645	2,679	2,782
	Total revenue (FTE) ²	8,111	7,968	8,011
	Provision for credit losses	760	698	684
Revenue was up 1% to \$8.1 billion NII increased \$237 million driven by strong deposit	Noninterest expense	4,328	4,371	4,636
	Net income	\$1,921	\$1,813	\$1,736

¹ Comparisons are to the year-ago quarter unless noted.

² Revenue, net of interest expense.

Financial Results ¹	(\$ in millions)	12/31/2016	9/30/2016	12/31/2015
Net income up 11% to \$1.9 billion as higher NII and lower expenses offset lower noninterest income, producing positive operating leverage	Net interest income (FTE)	\$5,466	\$5,289	\$5,229
	Noninterest income	2,645	2,679	2,782
	Total revenue (FTE) ²	8,111	7,968	8,011
 Pretax, pre-provision net revenue up 12% to \$3.8 billion^(F) 	Provision for credit losses	760	698	684
	Noninterest expense	4,328	4,371	4,636
 Revenue was up 1% to \$8.1 billion NII increased \$237 million, driven by strong deposit 	Net income	\$1,921	\$1,813	\$1,736
growth	¹ Comparisons are to the year-ago qua	rter unless noted.		

Noninterest expense decreased \$308 million, driven

• Provision for credit losses increased \$76 million; net reserve build of \$28 million in Q4-16 versus

- Noninterest income decreased \$137 million, driven by the absence of \$122 million in divestiture gains

•	Noninterest expense decreased \$500 million, driven
	by improved operating efficiencies and lower fraud
	costs, partially offset by higher FDIC expense

Business Highlights ^{1,2}	(\$ in billions)	12/31/2016	9/30/2016	12/31/2015
Total client balances up 10% to \$1.0 trillion	Average deposits	\$618.0	\$605.7	\$563.7
- Average deposit balances grew \$54.2 billion, or	Average loans and leases	253.6	248.7	235.5
10%; average loan balances grew \$18.1 billion, or	Brokerage assets (EOP)	144.7	138.0	122.7
8%	Total mortgage production ³	\$21.9	\$20.4	\$17.0
 Client brokerage assets grew \$22.0 billion, or 18%, to \$144.7 billion, driven by underlying client flows and strong market performance 	Mobile banking active users (MM)	21.6	21.3	18.7
nows and strong market performance	Number of financial centers	4,579	4,629	4,726
• Total mortgage production ³ grew \$4.9 billion, or	Efficiency ratio (FTE)	53%	55%	58%
29%, to \$21.9 billion	Return on average allocated capital	22	21	21
 More than 1.13 million U.S. consumer credit cards issued 	Total U.S. Consumer Credit C	Card ²		
	New card accounts (MM)	1.13	1.32	1.26

Risk-adjusted margin

9.20%

Three months ended

9.11%

during the past 12 months

mobile devices

• 4,579 financial centers, including 31 new openings

• 21.6 million mobile banking active users, up 16%;

19% of deposit transactions completed through

9.79%

¹ Comparisons are to the year-ago quarter unless noted.

² The U.S. consumer card portfolio includes Consumer Banking and GWIM.

³ Total mortgage production includes first mortgage and home equity originations in Consumer Banking and GWIM. Amounts represent the unpaid principal balance of loans and in the case of home equity, the principal amount of the total line of credit.

Efficiency ratio improved to 53% from 58%



\$104 million as higher asset management fees

were offset by lower transactional revenue

 Noninterest expense down \$138 million, or 4%, due to the expiration of fully amortized advisor retention awards and lower operating and support costs, partially offset by higher litigation and FDIC expense

Global Wealth and Investment Management Three months ended Financial Results¹ (\$ in millions) 12/31/2016 9/30/2016 12/31/2015 \$1,449 Net interest income (FTE) \$1,394 \$1,446 • Net income up 2% to \$634 million as lower expenses more than offset lower revenue to create positive Noninterest income 2,928 2,985 3,032 operating leverage Total revenue (FTE)² 4,377 4,379 4,478 Provision for credit losses 22 15 • Revenue down \$101 million to \$4.4 billion Noninterest expense 3,360 3,256 3,498 - NII up slightly while noninterest income declined Net income \$634 \$697 \$623

	Three months ended			ded
Business Highlights ¹	(\$ in billions)	12/31/2016	9/30/2016	12/31/2015
	Average deposits	\$256.6	\$253.8	\$251.3
 Average deposit balances grew \$5.3 billion, or 2% 	Average loans and leases	146.2	143.2	137.0
Average loans and leases grew \$9.2 billion, or 7%	Total client balances	2,508.6	2,490.2	2,458.0
Average loans and leases grew \$3.2 billion, or 7/0	Long-term AUM flows	\$18.9	\$10.2	\$6.7
• Total client balances increased \$50.5 billion, or 2%, to	Pretax margin	23%	25%	22%
\$2.51 trillion, driven by higher market valuations and	Efficiency ratio (FTE)	77	74	78
positive long-term assets under management (AUM) flows	Return on average allocated capital	19	21	21

¹ Comparisons are to the year-ago quarter unless noted.

- Excluding the sale of AUM of BofA Capital

Pretax margin increased to 23%

brokerage to AUM

Number of wealth advisors increased 1% to 18,688²

¹ Comparisons are to the year-ago quarter unless noted.

² Revenue, net of interest expense.

² Includes financial advisors in Consumer Banking of 2,201 and 2,187 in Q4-16 and Q4-15.

<sup>Management in the second quarter of 2016, client balances rose 5%
Long-term AUM flows of \$18.9 billion in Q4-16, reflecting solid client activity and a shift from</sup>



Global Banking Three months ended Financial Results¹ (\$ in millions) 12/31/2016 9/30/2016 12/31/2015 Net income increased \$162 million to \$1.6 billion, as Net interest income (FTE) \$2,502 \$2,470 \$2,456 continued expense discipline and improvements in Noninterest income² 2,032 2.278 2.105 provision for credit losses more than offset a modest Total revenue (FTE)^{2,3} 4,534 4,748 4,561 decline in revenue Provision for credit losses 13 118 232 Noninterest expense 2,037 2,151 2,085 • Revenue decreased 1% to \$4.5 billion \$1,578 \$1,553 \$1,416 Net income - NII was higher, primarily due to higher loan and

¹ Comparisons are to the year-ago quarter unless noted.

³ Revenue, net of interest expense.

– N	oninterest income decreased 3%, due to lower
in	vestment banking fees and a gain on the sale of a
fc	reclosed property in the prior period, partially

deposit balances, partially offset by spread

compression

offset by higher treasury-related revenues

- Provision for credit losses decreased \$219 million to \$13 million, driven by improvements in energy exposures
- Noninterest expense decreased \$48 million, driven by lower operating and support costs, partially offset by higher FDIC expense

			ee mondis en	uleu
Business Highlights ^{1,2}	(\$ in billions)	12/31/2016	9/30/2016	12/31/2015
Average loans and leases grew \$19.1 billion, or 6%	Average deposits	\$314.1	\$306.2	\$307.8
	Average loans and leases	337.8	334.4	318.7
Average deposit balances grew \$6.3 billion, or 2%	Total Corp. IB fees (excl. self-led) ²	1.2	1.5	1.3
• Total Corporation investment banking fees of \$1.2	Global Banking IB fees ²	0.7	0.8	0.7
billion (excluding self-led deals) decreased 4%, driven by lower advisory fees and equity issuance fees,	Business Lending revenue	2.1	2.3	2.2
partially offset by higher debt issuance fees	Global Transaction Services revenue	\$1.7	\$1.6	\$1.6
- Ranked No. 1 globally by volume in debt capital	Efficiency ratio (FTE)	45%	45%	46%
markets (excluding self-led) ^(G) - Strong leadership position across broad range of	Return on average allocated	17	17	16

¹ Comparisons are to the year-ago quarter unless noted.

Three months ended

asset-backed securities, convertible debt, investment grade corporate debt and syndicated loans; No. 1 ranking in U.S.

leveraged loans, mortgage-backed securities,

Ranked among top three by volume in

- municipal bonds(G)
- Return on average allocated capital increased to 17%
- Efficiency ratio improved to 45%

products

² Global Banking and Global Markets share in certain deal economics from investment banking and loan origination activities.

² Global Banking and Global Markets share in certain deal economics from investment banking and loan origination activities.



Global Markets				
Three months ended				ded
Financial Results ¹	(\$ in millions)	12/31/2016	9/30/2016	12/31/2015
Net income increased \$487 million to \$658 million,	Net interest income (FTE)	\$1,167	\$1,119	\$1,132
driven by improved sales and trading revenue and	Noninterest income ²	2,305	3,239	1,985
continued expense discipline	Total revenue (FTE) ^{2,3}	3,472	4,358	3,117
Pretax income increased \$664 million to \$984	Net DVA ⁴	(101)	(127)	(198)
million; highest fourth quarter in five years	Total revenue (excl. net DVA) (FTE) ^{2,3,4}	3,573	4,485	3,315
• Revenue up \$355 million to \$3.5 billion; excluding net	Provision for credit losses	8	19	30
DVA ⁴ , revenue increased \$258 million to \$3.6 billion, driven by higher sales and trading results, partially offset by the absence of an equity investment gain recorded in Q4-15	Noninterest expense	2,480	2,656	2,767
	Net income 1 Comparisons are to the year-ago qua	\$658 arter unless noted.	\$1,074	\$171

³ Revenue, net of interest expense.

Three months ended

		• • • • • • • • • • • • • • • • • • • •	ee mondis en	ueu
Business Highlights ^{1,2}	(\$ in billions)	12/31/2016	9/30/2016	12/31/2015
 Sales and trading revenue up \$376 million, or 15%, to \$2.8 billion 	Average trading-related assets	\$417.2	\$415.4	\$415.9
\$2.0 billion	Average loans and leases	70.6	69.0	68.8
• Excluding net DVA, sales and trading revenue up 11%	Sales and trading revenue	2.8	3.6	2.4
to \$2.9 billion, the second-highest fourth quarter in five years ^(B)	Sales and trading revenue (excl. net DVA) ^(B)	2.9	3.7	2.6
- FICC increased 12%, reflecting improved client	Global Markets IB fees	0.6	0.6	0.5
flow across all regions and most products, despite challenging markets for rates and municipals in the	Efficiency ratio (FTE)	71%	61%	89%
latter half of the quarter ^(B)	Return on average allocated	7	12	2

capital

- Equities increased 7%, due to improved

performance in derivatives, reflecting increased market activity post U.S. election^(B)

· Noninterest expense declined \$287 million, driven by

lower operating and support costs

² Global Banking and Global Markets share in certain deal economics from investment banking and loan origination activities.

⁴ Revenue, excluding net DVA, is a non-GAAP financial measure. See endnote B for more

 $^{^1}$ Comparisons are to the year-ago quarter unless noted. 2 Global Banking and Global Markets share in certain deal economics from investment banking and loan origination activities.

[•] Return on average allocated capital (ROAAC) increased to 7%



Three months ended Financial Results¹ (\$ in millions) 12/31/2016 9/30/2016 12/31/2015 Net interest income (FTE) \$(58) \$157 \$(352) · Net loss declined to \$95 million, compared to a net Noninterest income (212)253 (8)loss of \$662 million Total revenue (FTE)² (270)410 (360)· Revenue improved by \$90 million Provision for credit losses (29)(151)956 1,024 1,047 Noninterest expense

Net income (loss)

- Comparisons are to the year-ago quarter unless noted.
- ²Revenue, net of interest expense.

Note: All Other consists of ALM activities, equity investments, the non-U.S. consumer credit card business, non-core mortgage loans and servicing activities, the net impact of periodic revisions to the MSR valuation model for both core and noncore MSRs, liquidating businesses, residual expense allocations and other. ALM activities encompass certain residential mortgages, debt securities, interest rate and foreign currency risk management activities, the impact of certain allocation methodologies and accounting hedge ineffectiveness. The results of certain ALM activities are allocated to our business segments. Equity investments include our merchant services joint venture as well as Global Principal Investments, which is comprised of a portfolio of equity, real estate and other alternative investments. On December, 20, 2016, the Corporation signed an agreement to sell its non-U.S. consumer credit card business to a third party. Subject to regulatory approval, this transaction is expected to close by mid-2017.

\$(95)

\$(182)

\$(662)

All Other

- NII improved \$294 million, reflecting the absence of a \$0.6 billion charge recorded in Q4-15 related to certain trust preferred securities
- Noninterest income declined \$204 million, due to a \$132 million consumer payment protection insurance (PPI) provision and the absence of gains on the sale of debt securities
- The provision for credit losses increased \$122 million to a benefit of \$29 million, resulting in lower reserve releases
- Income tax benefit increased to \$1.1 billion from \$571 million, driven primarily by tax matters totaling a net benefit of approximately \$0.5 billion
- Noninterest expense decreased \$68 million, driven by lower litigation expense



Credit Quality

Highlights¹

•	Overall credit quality remained strong, with
	improvements in both the consumer and commercial
	portfolios

- Total net charge-offs declined to \$880 million from \$888 million in Q3-16
- Consumer net charge-offs decreased \$3 million, driven primarily by lower losses in consumer real estate, partially offset by seasonally higher card losses
- Commercial net charge-offs decreased \$5 million, driven primarily by lower energy-related losses
- The net charge-off ratio decreased to a historic low of 0.39% from 0.40% in Q3-16
- The provision for credit losses decreased \$76 million from the prior quarter to \$774 million, driven primarily by improved asset quality in the commercial portfolio, particularly energy
 - Net reserve release was \$106 million, driven by improvements in consumer real estate and energy exposures, compared to \$38 million in the prior quarter
- Reservable criticized commercial exposures were \$16.3 billion in Q4-16, compared to \$16.9 billion in Q3-16. The decline was due to improvements across several industries, including energy

	Thre	ee months end	ded
(\$ in millions)	12/31/2016	9/30/2016	12/31/2015
Provision for credit losses	\$774	\$850	\$810
Net charge-offs	880	888	1,144
Net charge-off ratio ²	0.39%	0.40%	0.52%
At period-end			
Nonperforming loans, leases and foreclosed properties	\$8,084	\$8,737	\$9,836
Nonperforming loans, leases and foreclosed properties ratio ³	0.89%	0.97%	1.10%
Allowance for loan and lease losses ⁴	\$11,480	\$11,692	\$12,234
Allowance for loan and lease losses ratio ⁴	1.26%	1.30%	1.37%

¹ Comparisons are to the year-ago quarter unless noted.

Note: Ratios do not include loans accounted for under the fair value option.

² Net charge-off ratio is calculated as annualized net charge-offs divided by average outstanding loans and leases during the period.

³ Nonperforming loans, leases and foreclosed properties ratio is calculated as nonperforming loans, leases and foreclosed properties divided by outstanding loans, leases and foreclosed properties at the end of the period.

⁴ Allowance for loan and lease losses ratio is calculated as allowance for loan and lease losses divided by loans and leases outstanding at the end of the period. Excluding non-U.S. consumer credit card allowance of \$243 million and loans of \$9.2 billion, Q4-16 allowance for loan and lease losses is \$11.2 billion and allowance as a percentage of ending loans is 1.25%.



Common Stock Repurchase Program Increased

In June 2016, Bank of America announced it would increase its common stock dividend by 50% to \$0.075 per share and repurchase up to \$5 billion of common stock in the period between July 1, 2016 and June 30, 2017 as part of its 2016 Comprehensive Capital Analysis and Review (CCAR) submission. Today, the company announced plans to repurchase an additional \$1.8 billion in common stock by June 30, 2017. The repurchase program, which covers both common stock and warrants, will be subject to various factors, including the company's capital position, liquidity, financial performance and alternative uses of capital, stock trading price, and general market conditions, and may be suspended at any time. The common stock or warrant repurchases may be effected through open market purchases or privately negotiated transactions, including Rule 10b5-1 plans. The company's authorized repurchases are net of shares awarded under its equity-based compensation plans.

Balance Sheet, Liquidity and Capital Highlights (\$ in billions except per share data, end of period)												
	Th	ree months ended										
	12/31/2016	9/30/2016	12/31/2015									
Total assets	\$2,187.7	\$2,195.3	\$2,144.3									
Total loans and leases ¹	906.7	905.0	897.0									
Including non-U.S. consumer credit card	915.9	905.0	897.0									
Total deposits	1,260.9	1,232.9	1,197.3									
Funding and Liquidity												
Long-term debt	\$216.8	\$225.1	\$236.8									
Global Liquidity Sources ^(D)	499	522	504									
Time to required funding (months) ^(D)	35	38	39									
Equity												
Common shareholders' equity	\$241.6	\$244.9	\$233.9									
Common equity ratio	11.0%	11.2%	10.9%									
Tangible common shareholders' equity ²	\$170.4	\$173.5	\$162.1									
Tangible common equity ratio ²	8.1%	8.2%	7.8%									
Per Share Data												
Common shares outstanding (in billions)	10.05	10.12	10.38									
Book value per common share	\$24.04	\$24.19	\$22.53									
Tangible book value per common share ^(C)	16.95	17.14	15.62									
Regulatory Capital												
Basel 3 Transition (as reported) ^{3,4}												
Common equity tier 1 (CET1) capital	\$168.9	\$169.9	\$163.0									
Risk-weighted assets	1,531	1,547	1,602									
CET1 ratio	11.0%	11.0%	10.2%									
Basel 3 Fully Phased-in ^{3,4}												
CET1 capital	\$162.8	\$165.9	\$154.1									
Standardized approach												
Risk-weighted assets	\$1,416	\$1,411	\$1,427									
CET1 ratio	11.5%	11.8%	10.8%									
Advanced approaches ⁵												
Risk-weighted assets	\$1,512	\$1,524	\$1,575									
CET1 ratio	10.8%	10.9%	9.8%									

Notes

Bank SLR

Supplementary leverage (H)

Bank holding company supplementary leverage ratio (SLR)

- ¹ Period-end loan balances for Q4-16 exclude \$9.2 billion of non-U.S. consumer credit card loans, which are included in assets of business held for sale on the consolidated balance sheet.
- ² Represents a non-GAAP financial measure. For reconciliation, see pages 17-18 of this press release.
- ³ Regulatory capital ratios are preliminary. Common equity tier 1 (CET1) capital, risk-weighted assets (RWA) and CET1 ratio as shown on a fully phased-in basis are non-GAAP financial measures. For a reconciliation of CET1 to fully phased-in, see page 13 of this press release.

6.9%

7.3

7.1%

7.5

- ⁴ Bank of America reports regulatory capital ratios under both the Standardized and Advanced approaches. The approach that yields the lower ratio is used to assess capital adequacy, which is the Advanced approaches for the periods presented.
- ⁵ Basel 3 fully phased-in Advanced approaches estimates assume approval by U.S. banking regulators of our internal analytical models, including approval of the internal models methodology (IMM). As of December 31, 2016, BAC did not have regulatory approval for the IMM model.

6.4%

7.0

Endnotes

D

Ε

- The Corporation also measures net interest income on an FTE basis, which is a non-GAAP financial measure. FTE basis is a performance measure used in operating the business that management believes provides investors with a more accurate picture of the interest margin for comparative purposes. The Corporation believes that this presentation allows for comparison of amounts from both taxable and tax-exempt sources and is consistent with industry practices. Net interest income on an FTE basis was \$10.5 billion and \$9.9 billion for the three months ended December 31, 2016 and 2015. NII for the fourth quarter of 2015 was negatively impacted by \$612 million related to adjustments for certain trust securities. NII excluding this impact represents a non-GAAP financial measure. For reconciliation to GAAP financial measures, refer to pages 17-18 of this press release.
- B Global Markets revenue, excluding net debit valuation adjustments (DVA), and sales and trading revenue, excluding net DVA, are non-GAAP financial measures. Net DVA losses were \$101 million, \$127 million and \$198 million for the three months ended December 31, 2016, September 30, 2016 and December 31, 2015, respectively. FICC net DVA losses were \$98 million and \$190 million for the three months ended December 31, 2016 and 2015. Equities net DVA losses were \$3 million and \$8 million for the three months ended December 31, 2016 and 2015.
- C Return on average tangible common shareholders' equity and tangible book value per share of common stock are non-GAAP financial measures. For reconciliation to GAAP financial measures, refer to pages 17-18 of this press release.
 - Global Liquidity Sources (GLS) include cash and high-quality, liquid, unencumbered securities, limited to U.S. government securities, U.S. agency MBS, and a select group of non-U.S. government and supranational securities, and are readily available to meet funding requirements as they arise. It does not include Federal Reserve Discount Window or Federal Home Loan Bank borrowing capacity. Transfers of liquidity among legal entities may be subject to certain regulatory and other restrictions. Prior to the third quarter of 2016, GLS were referred to as "Global Excess Liquidity Sources. Time to required funding (TTF) is a debt coverage measure and is expressed as the number of months unsecured holding company obligations of Bank of America Corporation can be met using only the Global Liquidity Sources held at the BAC parent company and NB Holdings without the BAC parent company issuing debt or sourcing additional liquidity. We define unsecured contractual obligations for purposes of this metric as maturities of senior or subordinated debt issued or guaranteed by Bank of America Corporation. Prior to the third quarter of 2016, the TTF metric incorporated only the GLS of the BAC parent company. Effective September 30, 2016, the TTF metric was expanded to include the GLS of NB Holdings, following changes in the Corporation's liquidity management practices, initiated in connection with the Corporation's resolution planning activities, that include maintaining at NB Holdings GLS previously held at the BAC parent company. For the period shown in 2015, we have included in the amount of unsecured contractual obligations the liability, including estimated costs, for the previously announced BNY Mellon private-label securitization settlement. In Q1-16, settlement payment was made for \$8.5B.
 - Fully phased-in estimates are non-GAAP financial measures. For reconciliation to GAAP financial measures, refer to page 13 of this press release. Basel 3 fully phased-in Advanced approaches estimates assume approval by U.S. banking regulators of our internal analytical models, including approval of the internal models methodology (IMM). As of December 31, 2016, BAC did not have regulatory approval for the IMM model.
- F Pretax, pre-provision net revenue (PPNR) is a non-GAAP financial measure. PPNR is total revenue, net of interest expense (on an FTE basis), less noninterest expense. Consumer Banking total revenue, net of interest expense (on an FTE basis) was \$8.1 billion and \$8.0 billion for the three months ended December 31, 2016 and 2015. Noninterest expense was \$4.3 billion and \$4.6 billion for the three months ended December 31, 2016 and 2015.
- G Rankings per Dealogic as of January 1, 2017 for the quarter ended December 31, 2016, excluding self-led deals. U.S. municipal bonds ranking per Thomson Reuters.
- H The numerator of the SLR is quarter-end Basel 3 Tier 1 capital calculated on a fully phased-in basis. The denominator is total leverage exposure based on the daily average of the sum of on-balance sheet exposures less permitted Tier 1 deductions, as well as the simple average of certain off-balance sheet exposures, as of the end of each month in a quarter. Off-balance sheet exposures primarily include undrawn lending commitments, letters of credit, potential future derivative exposures and repo-style transactions.



Contact Information and Investor Conference Call Invitation



Investor Call

Note: Chief Executive Officer Brian Moynihan and Chief Financial Officer Paul Donofrio will discuss fourthquarter 2016 financial results in a conference call at 8:30 a.m. ET today. The presentation and supporting materials can be accessed on the Bank of America Investor Relations website at http://investor.bankofamerica.com.

For a listen-only connection to the conference call, dial 1.877.200.4456 (U.S.) or 1.785.424.1732 (international), and the conference ID is 79795. Please dial in 10 minutes prior to the start of the call. A replay will also be available beginning at noon ET on January 13 through midnight, January 20 by telephone at 1.800.934.4850 (U.S.) or 1.402.220.1178 (international).

Investors May Contact:

Lee McEntire, Bank of America, 1.980.388.6780 Jonathan Blum, Bank of America (Fixed Income), 1.212.449.3112

Reporters May Contact:

Jerry Dubrowski, Bank of America, 1.980.388.2840 jerome.f.dubrowski@bankofamerica.com

About Bank of America

Bank of America is one of the world's leading financial institutions, serving individual consumers, small and middle-market businesses and large corporations with a full range of banking, investing, asset management and other financial and risk management products and services. The company provides unmatched convenience in the United States, serving approximately 46 million consumer and small business relationships with approximately 4,600 retail financial centers, approximately 15,900 ATMs, and award-winning online banking with approximately 34 million active accounts and nearly 22 million mobile active users. Bank of America is a global leader in wealth management, corporate and investment banking and trading across a broad range of asset classes, serving corporations, governments, institutions and individuals around the world. Bank of America offers industry-leading support to approximately 3 million small business owners through a suite of innovative, easy-to-use online products and services. The company serves clients through operations in all 50 states, the District of Columbia, the U.S. Virgin Islands, Puerto Rico and more than 35 countries. Bank of America Corporation stock (NYSE: BAC) is listed on the New York Stock Exchange.

Forward-Looking Statements

Bank of America Corporation (the "Company") and its management may make certain statements that constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements can be identified by the fact that they do not relate strictly to historical or current facts. Forward-looking statements often use words such as "anticipates," "targets," "expects," "hopes," "estimates," "intends," "plans," "goals," "believes," "continue" and other similar expressions or future or conditional verbs such as "will," "may," "might," "should," "would" and "could." Forward-looking statements represent the Company's current expectations, plans or forecasts of its future results, revenues, expenses, efficiency ratio, capital measures, and future business and economic conditions more generally, and other future matters. These statements are not guarantees of future results or performance and involve certain known and unknown risks, uncertainties and assumptions that are difficult to predict and are often beyond the Company's control. Actual outcomes and results may differ materially from those expressed in, or implied by, any of these forward-looking statements.

matters.

You should not place undue reliance on any forward-looking statement and should consider the following uncertainties and risks, as well as the risks and uncertainties more fully discussed under Item 1A. Risk Factors of the Company's 2015 Annual Report on Form 10-K and in any of the Company's subsequent Securities and Exchange Commission filings: the Company's ability to resolve representations and warranties repurchase and related claims, including claims brought by investors or trustees seeking to distinguish certain aspects of the New York Court of Appeals' ACE Securities Corp v. DB Structured Products, Inc. (ACE) decision or to assert other claims seeking to avoid the impact of the ACE decision; the possibility that the Company could face increased servicing, securities, fraud, indemnity, contribution or other claims from one or more counterparties, including trustees, purchasers of loans, underwriters, issuers, other parties involved in securitizations, monolines or private-label and other investors; the possibility that future representations and warranties losses may occur in excess of the Company's recorded liability and estimated range of possible loss for its representations and warranties exposures; potential claims, damages, penalties, fines and reputational damage resulting from pending or future litigation and regulatory proceedings, including the possibility that amounts may be in excess of the Company's recorded liability and estimated range of possible loss for litigation exposures; the possible outcome of LIBOR, other reference rate, financial instrument and foreign exchange inquiries, investigations and litigation; uncertainties about the financial stability and growth rates of non-U.S. jurisdictions, the risk that those jurisdictions may face difficulties servicing their sovereign debt, and related stresses on financial markets, currencies and trade, and the Company's exposures to such risks, including direct, indirect and operational; the impact of U.S. and global interest rates (including negative or continued low interest rates), currency exchange rates and economic conditions; the possibility that future credit losses may be higher than currently expected due to changes in economic, customer behavior and other uncertainties; the impact on the Company's business, financial condition and results of operations of a potential higher interest rate environment; the impact on the Company's business, financial condition and results of operations from a protracted period of lower oil prices or ongoing volatility with respect to oil prices; the Company's ability to achieve its expense targets or net interest income or other projections; adverse changes to the Company's credit ratings from the major credit rating agencies; estimates of the fair value of certain of the Company's assets and liabilities; uncertainty regarding the content, timing and impact of regulatory capital and liquidity requirements; the potential impact of total loss-absorbing capacity requirements; potential adverse changes to our G-SIB surcharge; the potential for payment protection insurance exposure to increase as a result of Financial Conduct Authority actions; the impact of Federal Reserve actions on the Company's capital plans; the possible impact of the Company's failure to remediate deficiencies and shortcomings identified by banking regulators in the Company's Recovery and Resolution plans; the impact of implementation and compliance with U.S. and international laws, regulations and regulatory interpretations, including, but not limited to, recovery and resolution planning requirements, FDIC assessments, the Volcker Rule, fiduciary standards and derivatives regulations; a failure in or breach of the Company's operational or security systems or infrastructure, or those of third parties, including as a result of cyber attacks; the impact on the Company's business, financial condition and results of operations from the potential exit of the United Kingdom from the European Union; and other similar

Forward-looking statements speak only as of the date they are made, and the Company undertakes no obligation to update any forward-looking statement to reflect the impact of circumstances or events that arise after the date the forward-looking statement was made.

"Bank of America Merrill Lynch" is the marketing name for the Global Banking and Global Markets businesses of Bank of America Corporation. Lending, derivatives and other commercial banking activities are performed by banking affiliates of Bank of America Corporation, including Bank of America, N.A., member FDIC. Securities, financial advisory and other investment banking activities are performed by investment banking affiliates of Bank of America Corporation (Investment Banking Affiliates), including Merrill Lynch, Pierce, Fenner & Smith Incorporated, which are registered broker-dealers and members of FINRA and SIPC. Investment products offered by Investment Banking Affiliates: Are Not FDIC Insured * May Lose Value * Are Not Bank Guaranteed. Bank of America Corporation's broker-dealers are not banks and are separate legal entities from their bank affiliates. The obligations of the broker-dealers are not obligations of their bank affiliates (unless explicitly stated otherwise), and these bank affiliates are not responsible for securities sold, offered or recommended by the broker-dealers. The foregoing also applies to other non-bank affiliates.

For more Bank of America news, visit the Bank of America newsroom at http://newsroom.bankofamerica.com.

www.bankofamerica.com

Bank of America Corporation and Subsidiaries Selected Financial Data

(Dollars in millions, except per share data; shares in thousands)

Summary Income Statement		Year Decer				Fourth Quarter	C	Third Quarter		Fourth Quarter
		2016 2015				2016	`	2016		2015
Net interest income	\$	41,096	\$	38,958	\$	10,292	\$	10,201	\$	9,686
Noninterest income		42,605		44,007		9,698		11,434		9,896
Total revenue, net of interest expense		83,701		82,965		19,990		21,635		19,582
Provision for credit losses		3,597		3,161		774		850		810
Noninterest expense		54,951		57,734		13,161		13,481		14,010
Income before income taxes		25,153		22,070		6,055		7,304		4,762
Income tax expense		7,247		6,234		1,359		2,349		1,478
Net income	\$	17,906	\$	15,836	\$	4,696	\$	4,955	\$	3,284
Preferred stock dividends		1,682		1,483		361		503		330
Net income applicable to common shareholders	\$	16,224	\$	14,353	\$	4,335	\$	4,452	\$	2,954
Average common shares issued and outstanding	10	,284,147		10,462,282	10	0,170,031	10	0,250,124	1	0,399,422
Average diluted common shares issued and outstanding	11	,035,657		11,213,992	10	0,958,621	11	1,000,473	1	1,153,169
Summary Average Balance Sheet										
Total debt securities	\$	418,289	\$	390,849	\$	430,719	\$	423,182	\$	399,338
Total loans and leases		900,433		876,787		908,396		900,594		886,156
Total earning assets	1	,866,824		1,824,931	1	1,884,112	1	1,870,062		1,847,171
Total assets	2	2,189,971		2,160,197	2	2,208,039	2	2,189,490		2,180,507
Total deposits	1	,222,561		1,155,860	1	1,250,948	1	1,227,186		1,186,051
Common shareholders' equity		241,621		230,173		245,139		243,679		234,800
Total shareholders' equity		266,277		251,981		270,360		268,899		257,074
Performance Ratios										
Return on average assets		0.82%)	0.73%		0.85%		0.90%		0.60%
Return on average common shareholders equity		6.71		6.24		7.04		7.27		4.99
Return on average tangible common shareholders' equity (1)		9.54		9.08		9.92		10.28		7.19
Per common share information										
Earnings	\$	1.58	\$	1.37	\$	0.43	\$	0.43	\$	0.28
Diluted earnings		1.50		1.31		0.40		0.41		0.27
Dividends paid		0.25		0.20		0.075		0.075		0.05
Book value		24.04		22.53		24.04		24.19		22.53
Tangible book value (1)		16.95		15.62		16.95		17.14		15.62
					De	cember 31	Sept	tember 30	De	cember 31
						2016		2016		2015
Summary Period-End Balance Sheet										
Total debt securities					\$	430,731	\$	434,914	\$	406,888
Total loans and leases ⁽²⁾						906,683		905,008		896,983
Total earning assets					1	1,849,752	1	1,877,928		1,805,934
Total assets					2	2,187,702	2	2,195,314		2,144,287
Total deposits					1	1,260,934	1	1,232,895		1,197,259
Common shareholders' equity						241,620		244,863		233,903
Total shareholders' equity						266,840		270,083		256,176
Common shares issued and outstanding					10	0,052,626	10	0,123,845	1	0,380,265
		Year				Fourth		Third		Fourth
Credit Quality	_	Decer	nber			Quarter	(Quarter		Quarter
	_	2016		2015	_	2016		2016	_	2015
Total net charge-offs	\$	3,821	\$	4,338	\$	880	\$	888	\$	1,144
Net charge-offs as a percentage of average loans and leases outstanding (3)		0.43%		0.50%		0.39%		0.40%		0.52%
Provision for credit losses	\$	3,597	\$	3,161	\$	774	\$	850	\$	810
					De	cember 31	Sept	tember 30	De	cember 31
40						2016		2016	_	2015
Total nonperforming loans, leases and foreclosed properties (4)					\$	8,084	\$	8,737	\$	9,836
Nonperforming loans, leases and foreclosed properties as a percentage of total loans, leases and						0.000/		0.070/		1 100/
foreclosed properties (5)						0.89%		0.97%		1.10%
					_	11 400	_	11 (02	_	

For footnotes see page 13.

Allowance for loan and lease losses (5)

Allowance for loan and lease losses as a percentage of total loans and leases outstanding $^{(3,\,5)}$

11,480

1.26%

11,692

1.30%

12,234

1.37%

Bank of America Corporation and Subsidiaries Selected Financial Data (continued)

(Dollars in millions)

Capital Management	December 31 2016	September 30 2016	December 31 2015		
Risk-based capital metrics ^(6, 7) :		2010	2013		
Common equity tier 1 capital	\$ 168,886	\$ 169.925	\$ 163,026		
Common equity tier 1 capital ratio	11.0%	11.0%	10.2%		
Tier 1 leverage ratio	8.9	9.1	8.6		
Tangible equity ratio (8)	9.2	9.4	8.9		
Tangible common equity ratio (8)	8.1	8.2	7.8		
Regulatory Capital Reconciliations (6,7,9)	December 31	September 30	December 31		
	2016	2016	2015		
Regulatory capital – Basel 3 transition to fully phased-in					
Common equity tier 1 capital (transition)	\$ 168,886	\$ 169,925	\$ 163,026		
Deferred tax assets arising from net operating loss and tax credit carryforwards phased in during					
transition	(3,304)	(3,143)	(5,151)		
Accumulated OCI phased in during transition	(1,899)	188	(1,917)		
Intangibles phased in during transition	(798)	(853)	(1,559)		
Defined benefit pension fund assets phased in during transition	(341)	(375)	(568)		
DVA related to liabilities and derivatives phased in during transition	276	168	307		
Other adjustments and deductions phased in during transition	(57)_	(35)	(54)		
Common equity tier 1 capital (fully phased-in)	\$ 162,763	\$ 165,875	\$ 154,084		
Risk-weighted assets - As reported to Basel 3 (fully phased-in)					
Basel 3 Standardized approach risk-weighted assets as reported	\$ 1,398,676	\$ 1,395,541	\$ 1,403,293		
Changes in risk-weighted assets from reported to fully phased-in	17,376	15,587	24,089		
Basel 3 Standardized approach risk-weighted assets (fully phased-in)	\$ 1,416,052	\$ 1,411,128	1,427,382		
Basel 3 Advanced approaches risk-weighted assets as reported	\$ 1,530,948	1,547,221	1,602,373		
Changes in risk-weighted assets from reported to fully phased-in	(19,059)	(23,502)	(27,690)		
Basel 3 Advanced approaches risk-weighted assets (fully phased-in) (10)	<u>\$ 1,511,889</u>	\$ 1,523,719	1,574,683		
Regulatory capital ratios					
Basel 3 Standardized approach common equity tier 1 (transition)	12.1%	12.2%	11.6%		
Basel 3 Advanced approaches common equity tier 1 (transition)	11.0	11.0%	10.2%		
Basel 3 Standardized approach common equity tier 1 (fully phased-in)	11.5	11.8	10.8		
Basel 3 Advanced approaches common equity tier 1 (fully phased-in) (10)	10.8	10.9	9.8		
baset 5 havancea approaches common equity then 1 (tally phased in)	10.0	10.5	5.0		

Return on average tangible common shareholders' equity and tangible book value per share of common stock are non-GAAP financial measures. We believe the use of ratios that utilize tangible equity provides additional useful information because they present measures of those assets that can generate income. Tangible book value per share provides additional useful information about the level of tangible assets in relation to outstanding shares of common stock. See Reconciliations to GAAP Financial Measures on pages 17-18.

Period-end loan balances for Q4-16 exclude \$9.2 billion of non-U.S. consumer credit card loans, which are included in assets of business held for sale on the consolidated balance sheet.

Excluding non-U.S. consumer credit card allowance of \$243 million and loans of \$9.2 billion, Q4-16 allowance for loan and lease losses is \$11.2 billion and allowance as a percentage of ending loans is 1.25%.

(9) Fully phased-in estimates are non-GAAP financial measures. For reconciliations to GAAP financial measures, see above.

⁽³⁾ Ratios do not include loans accounted for under the fair value option. Charge-off ratios are annualized for the quarterly presentation.
(4) Balances do not include past due consumer credit card loans, consumer loans secured by real estate where repayments are insured by the Federal Housing Administration

Balances do not include past due consumer credit card loans, consumer loans secured by real estate where repayments are insured by the Federal Housing Administration and individually insured long-term stand-by agreements (fully-insured home loans), and in general, other consumer and commercial loans not secured by real estate; purchased credit-impaired loans even though the customer may be contractually past due; nonperforming loans held-for-sale or accounted for under the fair value option.

⁽⁶⁾ Regulatory capital ratios are preliminary. Common equity tier 1 (CET1) capital, risk-weighted assets (RWA) and CET1 ratio as shown on a fully phased-in basis are non-GAAP financial measures.
(7) Bank of America reports regulatory capital ratios under both the Standardized and Advanced approaches. The approach that yields the lower ratio is used to assess capital adequacy, which is the Advanced approaches for the periods presented.

Tangible equity ratio equals period-end tangible shareholders' equity divided by period-end tangible assets. Tangible common equity ratio equals period-end tangible common shareholders' equity divided by period-end tangible assets. Tangible shareholders' equity and tangible assets are non-GAAP financial measures. We believe the use of ratios that utilize tangible equity provides additional useful information because they present measures of those assets that can generate income. See Reconciliations to GAAP Financial Measures on pages 17-18.

⁽¹⁰⁾ Basel 3 fully phased-in Advanced approaches estimates assume approval by U.S. banking regulators of our internal analytical models, including approval of the internal models methodology (IMM). As of December 31, 2016, the Corporation did not have regulatory approval for the IMM model.

Bank of America Corporation and Subsidiaries Quarterly Results by Business Segment and All Other

(Dollars in millions)

	 Fourth Quarter 2016										
	Consumer Banking (GWIM		Global Banking		Global Markets		All Other		
Total revenue, net of interest expense (FTE basis) (1)	\$ 8,111	\$	4,377	\$	4,534	\$	3,472	\$	(270)		
Provision for credit losses	760		22		13		8		(29)		
Noninterest expense	4,328		3,360		2,037		2,480		956		
Net income (loss)	1,921		634		1,578		658		(95)		
Return on average allocated capital (2)	22%		19%		17%		7%		n/m		
Balance Sheet											
Average											
Total loans and leases	\$ 253,602	\$	146,180	\$	337,827	\$	70,615	\$	100,172		
Total deposits	617,970		256,629		314,133		33,775		28,441		
Allocated capital (2)	34,000		13,000		37,000		37,000		n/m		
Period end											
Total loans and leases ⁽³⁾	\$ 258,991	\$	148,179	\$	339,271	\$	72,743	\$	96,713		
Total deposits	632,790		262,530		306,430		34,927		24,257		
	Third Quarter 2016										
	 Consumer							All			
	Banking		GWIM	Glo	obal Banking	Glo	bal Markets		Other		
Total revenue, net of interest expense (FTE basis) (1)	\$ 7,968	\$	4,379	\$	4,748	\$	4,358	\$	410		
Provision for credit losses	698		7		118		19		8		

	Consumer Banking		GWIM	Glo	bal Banking	Glo	bal Markets	All Other
Total revenue, net of interest expense (FTE basis) (1)	\$ 7,968	\$	4,379	\$	4,748	\$	4,358	\$ 410
Provision for credit losses	698		7		118		19	8
Noninterest expense	4,371		3,256		2,151		2,656	1,047
Net income (loss)	1,813		697		1,553		1,074	(182)
Return on average allocated capital (2)	21%		21%		17%		12%	n/m
Balance Sheet								
Average								
Total loans and leases	\$ 248,683	\$	143,207	\$	334,363	\$	69,043	\$ 105,298
Total deposits	605,708		253,812		306,198		32,840	28,628
Allocated capital (2)	34,000		13,000		37,000		37,000	n/m
Period end								
Total loans and leases	\$ 251,125	\$	144,980	\$	334,120	\$	72,144	\$ 102,639
Total deposits	618,030		252,962		301,061		31,692	29,150

		Consumer Banking	GWIM		Glo	bal Banking	Glo	Global Markets		All Other
Total revenue, net of interest expense (FTE basis) (1)	\$	8,011	\$	\$ 4,478		4,561	\$	3,117	\$	(360)
Provision for credit losses		684		15		232		30		(151)
Noninterest expense		4,636		3,498		2,085		2,767		1,024
Net income (loss)		1,736		623		1,416		171		(662)
Return on average allocated capital (2)		21%		21%	21%			2%		n/m
Balance Sheet										
Average										
Total loans and leases	\$	235,498	\$	137,022	\$	318,699	\$	68,835	\$	126,102
Total deposits		563,745		251,306		307,806		37,175		26,019
Allocated capital (2)		33,000		12,000		35,000		35,000		n/m
Period end										
Total loans and leases	\$	238,851	\$	139,039	\$	323,687	\$	73,208	\$	122,198
Total deposits		577,832		260,893		296,162		37,038		25,334

Fully taxable-equivalent (FTE) basis is a performance measure used by management in operating the business that management believes provides investors with a more accurate picture of the interest margin for comparative purposes. The Corporation believes that this presentation allows for comparison of amounts from both taxable and tax-exempt sources and is consistent

n/m = not meaningful

Return on average allocated capital is calculated as net income, adjusted for cost of funds and earnings credits and certain expenses related to intangibles, divided by average allocated capital. Other companies may define or calculate these measures differently.

(3) Includes \$9.2 billion of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

Bank of America Corporation and Subsidiaries Annual Results by Business Segment and All Other

(Dollars in millions)											
	Year Ended December 31, 2016										
	Consumer Banking		GWIM		Global Banking		Global Markets			All Other	
Total revenue, net of interest expense (FTE basis) (1)	\$	31,731	\$	17,650	\$	18,430	\$	16,090	\$	700	
Provision for credit losses		2,715		68		883		31		(100)	
Noninterest expense		17,653		13,182		8,486		10,170		5,460	
Net income (loss)		7,173		2,771		5,720		3,817		(1,575)	
Return on average allocated capital (2)		21%		21%		15%		10%		n/m	
Balance Sheet											
Average											
Total loans and leases	\$	245,808	\$	142,429	\$	333,820	\$	69,641	\$	108,735	
Total deposits		599,654		256,425		304,101		34,250		28,131	
Allocated capital (2)		34,000		13,000		37,000		37,000		n/m	
Period end											
Total loans and leases ⁽³⁾	\$	258,991	\$	148,179	\$	339,271	\$	72,743	\$	96,713	
Total deposits		632,790		262,530		306,430		34,927		24,257	

	Year Ended December 31, 2015									
	Consumer Banking		GWIM			Global Banking		Global Markets		All Other
Total revenue, net of interest expense (FTE basis) (1)	\$	31,525	\$	18,034	\$	17,621	\$	15,013	\$	1,661
Provision for credit losses		2,346		51		686		99		(21)
Noninterest expense		18,716		13,943		8,481		11,374		5,220
Net income (loss)		6,649		2,567		5,340		2,423		(1,143)
Return on average allocated capital (2)		20%		21%		15%		7%		n/m
Balance Sheet										
Average										
Total loans and leases	\$	232,432	\$	132,499	\$	303,907	\$	63,443	\$	144,506
Total deposits		552,876		244,725		294,733		38,074		25,452
Allocated capital (2)		33,000		12,000		35,000		35,000		n/m
Period end										
Total loans and leases	\$	238,851	\$	139,039	\$	323,687	\$	73,208	\$	122,198
Total deposits		577,832		260,893		296,162		37,038		25,334

⁽¹⁾ Fully taxable-equivalent (FTE) basis is a performance measure used by management in operating the business that management believes provides investors with a more accurate picture of the interest margin for comparative purposes. The Corporation believes that this presentation allows for comparison of amounts from both taxable and tax-exempt sources and is consistent with industry practices.

n/m = not meaningful

Return on average allocated capital is calculated as net income, adjusted for cost of funds and earnings credits and certain expenses related to intangibles, divided by average allocated capital. Other companies may define or calculate these measures differently.

⁽³⁾ Includes \$9.2 billion of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

Bank of America Corporation and Subsidiaries Supplemental Financial Data

(Dollars in millions)													
Fully taxable-equivalent (FTE) basis data (1)		Year Decen				Fourth Quarter		Third Ouarter		Fourth Quarter			
		2016		2015		2016		2016	2015				
Net interest income	\$	41,996	\$	39,847	\$	10,526	\$	10,429	\$	9,911			
Total revenue, net of interest expense		84,601	83,854		20,22			21,863		19,807			
Net interest yield		2.25%		2.19%		2.23%		2.23%		2.14%			
Efficiency ratio		64.95		68.85		68.85		65.08		61.66	70.73		

Other Data	December 31 2016	September 30 2016	December 31 2015
Number of financial centers - U.S.	4,579	4,629	4,726
Number of branded ATMs - U.S.	15,928	15,959	16,038
Ending full-time equivalent employees	208,024	209,009	213,280

⁽¹⁾ FTE basis is a non-GAAP financial measure. FTE basis is a performance measure used by management in operating the business that management believes provides investors with a more accurate picture of the interest margin for comparative purposes. The Corporation believes that this presentation allows for comparison of amounts from both taxable and tax-exempt sources and is consistent with industry practices. See Reconciliations to GAAP Financial Measures on pages 17-18.

Bank of America Corporation and Subsidiaries Reconciliations to GAAP Financial Measures

(Dollars in millions)

The Corporation evaluates its business based on a fully taxable-equivalent basis, a non-GAAP financial measure. Total revenue, net of interest expense, on a fully taxable-equivalent basis includes net interest income on a fully taxable-equivalent basis and noninterest income. The Corporation believes that this presentation allows for comparison of amounts from both taxable and tax-exempt sources and is consistent with industry practices. The Corporation presents related ratios and analyses (i.e., efficiency ratios and net interest yield) on a fully taxable-equivalent basis, not interest income is adjusted to reflect tax-exempt income on an equivalent before-tax basis with a corresponding increase in income tax expense. For purposes of this calculation, the Corporation uses the federal statutory tax rate of 35 percent. The efficiency ratio measures the costs expended to generate a dollar of revenue, and net interest yield measures the basis points the Corporation earns over the cost of funds.

The Corporation also evaluates its business based on the following ratios that utilize tangible equity, a non-GAAP financial measure. Tangible equity represents an adjusted shareholders' equity or common shareholders' equity amount which has been reduced by goodwill and intangible assets (excluding mortgage servicing rights), net of related deferred tax liabilities. Return on average tangible common shareholders' equity measures the Corporation's earnings contribution as a percentage of adjusted average common shareholders' equity. The tangible common equity ratio represents adjusted ending common shareholders' equity divided by total assets less goodwill and intangible assets (excluding mortgage servicing rights), net of related deferred tax liabilities. Return on average tangible shareholders' equity measures the Corporation's earnings contribution as a percentage of adjusted average total shareholders' equity. The tangible equity represents adjusted ending shareholders' equity divided by total assets less goodwill and intangible assets (excluding mortgage servicing rights), net of related deferred tax liabilities. Tangible book value per common share represents adjusted ending common shareholders' equity divided by ending common shares outstanding. These measures are used to evaluate the Corporation's use of equity. In addition, profitability, relationship and investment models all use return on average tangible shareholders' equity as key measures to support our overall growth goals.

See the tables below and on page 18 for reconciliations of these non-GAAP financial measures to financial measures defined by GAAP for the years ended December 31, 2016 and 2015, and the three months ended December 31, 2016, September 30, 2016 and December 31, 2015. The Corporation believes the use of these non-GAAP financial measures provides additional clarity in understanding its results of operations and trends. Other companies may define or calculate supplemental financial data differently.

		Year E Decem		31		Fourth Quarter 2016		Third Quarter 2016	Ç	Fourth Quarter 2015
Reconciliation of net interest income to net interest income on a fully taxable-equivalent basis	2016 2015				2016		2016	2015		
Net interest income	Ś	41,096	\$	38,958	Ś	10,292	\$	10,201	Ś	9.686
Fully taxable-equivalent adjustment	•	900	•	889		234	•	228		225
Net interest income on a fully taxable-equivalent basis	\$	41,996	\$	39,847	\$	10,526	\$	10,429	\$	9,911
Reconciliation of total revenue, net of interest expense to total revenue, net of interest expens		a fully tay	==	- equivalent	hasi	-				
Total revenue, net of interest expense	Ś	83.701	\$	82,965	\$	-	\$	21.635	Ś	19.582
Fully taxable-equivalent adjustment	7	900	Ţ	889	7	234	Ţ	228	Ţ	225
Total revenue, net of interest expense on a fully taxable-equivalent basis	Ś	84,601	\$	83,854	\$	20,224	\$	21,863	\$	19,807
	_						Ė			
Reconciliation of income tax expense to income tax expense on a fully taxable-equivalent basis										
Income tax expense	\$	7,247	\$	6,234	\$	1,359	\$	2,349	\$	1,478
Fully taxable-equivalent adjustment		900		889		234		228		225
Income tax expense on a fully taxable-equivalent basis	\$	8,147	\$	7,123	\$	1,593	\$	2,577	\$	1,703
Reconciliation of average common shareholders' equity to average tangible common shareholders	ers' (equity								
Common shareholders' equity	\$	241,621	\$	230,173	\$	245,139	\$	243,679	\$	234,800
Goodwill		(69,750)		(69,772)		(69,745)		(69,744)		(69,761)
Intangible assets (excluding mortgage servicing rights)		(3,382)		(4,201)		(3,091)		(3,276)		(3,888)
Related deferred tax liabilities		1,644		1,852		1,580		1,628		1,753
Tangible common shareholders' equity	\$	170,133	\$	158,052	\$	173,883	\$	172,287	\$	162,904
Reconciliation of average shareholders' equity to average tangible shareholders' equity										
Shareholders' equity	\$	266,277	\$	251,981	\$	270,360	\$	268,899	\$	257,074
Goodwill		(69,750)		(69,772)		(69,745)		(69,744)		(69,761)
Intangible assets (excluding mortgage servicing rights)		(3,382)		(4,201)		(3,091)		(3,276)		(3,888)
Related deferred tax liabilities		1,644		1,852		1,580		1,628		1,753
Tangible shareholders' equity	\$	194,789	\$	179,860	\$	199,104	\$	197,507	\$	185,178

Reconciliations to GAAP Financial Measures (continued)

(Dollars in millions)									
	Year		-		Fourth		Third		Fourth
	Decei	nber	2015		Quarter 2016		Quarter 2016		Quarter 2015
Reconciliation of period-end common shareholders' equity to period-end tangible common sh		tv	2013	·				_	
Common shareholders' equity	\$ 241,620		233,903	\$	241,620	\$	244,863	\$	233,903
Goodwill	(69,744)	(69,761)		(69,744)		(69,744)		(69,761)
Intangible assets (excluding mortgage servicing rights)	(2,989)	(3,768)		(2,989)		(3,168)		(3,768)
Related deferred tax liabilities	1,545		1,716		1,545		1,588		1,716
Tangible common shareholders' equity	\$ 170,432	\$	162,090	\$	170,432	\$	173,539	\$	162,090
Reconciliation of period-end shareholders' equity to period-end tangible shareholders' equity									
Shareholders' equity	\$ 266,840	Ś	256,176	Ś	266,840	\$	270,083	Ś	256,176
Goodwill	(69,744		(69,761)	·	(69,744)	·	(69,744)		(69,761)
Intangible assets (excluding mortgage servicing rights)	(2,989)	(3,768)		(2,989)		(3,168)		(3,768)
Related deferred tax liabilities	1,545		1,716		1,545		1,588		1,716
Tangible shareholders' equity	\$ 195,652	\$	184,363	\$	195,652	\$	198,759	\$	184,363
Beautiful Conference and an advantage of the conference of the con									
Reconciliation of period-end assets to period-end tangible assets Assets	\$ 2,187,702	ć	2,144,287	. خ	2,187,702	\$	2.195.314	\$	2,144,287
Goodwill	\$ 2,187,702		(69,761)	پ د	(69,744)	\$	(69,744)	Þ	(69,761)
Intangible assets (excluding mortgage servicing rights)	(2,989		(3,768)		(2,989)		(3,168)		(3,768)
Related deferred tax liabilities	1,545		1,716		1.545		1.588		1,716
Tangible assets	\$ 2,116,514			Ś	2,116,514	\$	2,123,990	\$	2,072,474
	+ -,,	Ě	2,072,171	<u> </u>		Ť	2,123,330	Ť	2,072,171
Book value per share of common stock									
Common shareholders' equity	\$ 241,620	\$	233,903	\$	241,620	\$	244,863	\$	233,903
Ending common shares issued and outstanding	10,052,626		10,380,265	10	0,052,626		10,123,845		10,380,265
Book value per share of common stock	\$ 24.04	\$	22.53	\$	24.04	\$	24.19	\$	22.53
Tangible book value per share of common stock									
	\$ 170,432	\$	162,090	\$	170,432	\$	173,539	\$	162,090
Tangible common shareholders' equity	+,								
Ending common shares issued and outstanding	10,052,626		10,380,265	10	0,052,626		10,123,845		10,380,265



Supplemental Information Fourth Quarter 2016

This information is preliminary and based on company data available at the time of the earnings presentation. It speaks only as of the particular date or dates included in the accompanying pages. Bank of America does not undertake an obligation to, and disclaims any duty to, update any of the information provided. Any forward-looking statements in this information are subject to the forward-looking language contained in Bank of America's reports filed with the SEC pursuant to the Securities Exchange Act of 1934, which are available at the SEC's website (www.sec.gov) or at Bank of America's website (www.bankofamerica.com). Bank of America's future financial performance is subject to risks and uncertainties as described in its SEC filings.

Table of Contents Page

Consolidated Financial Highlights	2
Consolidated Financial Highlights Consolidated Statement of Insurance	$ \begin{array}{r} \frac{2}{3} \\ \frac{4}{5} \\ \frac{5}{7} \\ \frac{8}{9} \\ \frac{11}{13} \\ \frac{14}{15} \\ \frac{15}{17} \end{array} $
Consolidated Statement of Income	<u>3</u>
Consolidated Statement of Comprehensive Income	4 =
Consolidated Balance Sheet	$\frac{2}{2}$
Capital Management	$\frac{I}{2}$
Regulatory Capital Reconciliations	8
Quarterly Average Balances and Interest Rates	9
Annual Average Balances and Interest Rates	11
Debt Securities and Available-for-Sale Marketable Equity Securities	<u>13</u>
Supplemental Financial Data	<u>14</u>
Quarterly Results by Business Segment and All Other	<u>15</u>
Annual Results by Business Segment and All Other	<u>17</u>
Consumer Banking	
<u>Total Segment Results</u>	$\frac{18}{19}$
Business Results	<u>19</u>
<u>Key Indicators</u>	<u>22</u>
Global Wealth & Investment Management	
<u>Total Segment Results</u>	24 25
Key Indicators	<u>25</u>
Global Banking	
Total Segment Results	26 27 28
Key Indicators	<u>27</u>
Investment Banking Product Rankings	<u>28</u>
Global Markets	
Total Segment Results	29
Key Indicators	<u>29</u> <u>30</u>
All Other	_
Total Results	31
Outstanding Loans and Leases	$\overline{32}$
Quarterly Average Loans and Leases by Business Segment and All Other	$\overline{33}$
Commercial Credit Exposure by Industry	34
Net Credit Default Protection by Maturity and Credit Exposure Debt Rating	35
Top 20 Non-U.S. Countries Exposure	36
Nonperforming Loans, Leases and Foreclosed Properties	$\frac{23}{37}$
Nonperforming Loans, Leases and Foreclosed Properties Activity	38
Quarterly Net Charge-offs and Net Charge-off Ratios	$\frac{30}{39}$
Annual Net Charge-offs and Net Charge-off Ratios	$ \begin{array}{r} 31 \\ 32 \\ 33 \\ 34 \\ 35 \\ 36 \\ 37 \\ 38 \\ 39 \\ 40 \end{array} $
Allocation of the Allowance for Credit Losses by Product Type	41
Inocuron of the finowance for Credit Bosses by Froduct Type	41
Entitle A. Nico C.A.A.D.D. compilitations	42
Exhibit A: Non-GAAP Reconciliations	<u>42</u>

Bank of America Corporation and Subsidiaries Consolidated Financial Highlights

(Dollars in millions, except per share information; shares in thousands) Year Ended Fourth Third Second First Fourth December 31 Quarter Quarter Quarter Quarter Quarter 2016 2015 2016 2016 2016 2016 2015 Income statement 38,958 Net interest income \$ 41,096 10,292 10,201 10,118 10,485 9,686 Noninterest income 42,605 44,007 9,698 11,434 11,168 10,305 9,896 83,701 20,790 Total revenue, net of interest expense 82,965 19,990 21,635 21,286 19,582 997 Provision for credit losses 3,597 3,161 774 850 976 810 54,951 13,161 Noninterest expense 57,734 13,481 13,493 14,816 14,010 Income tax expense 7,247 6,234 1,359 2,349 2,034 1,505 1,478 17,906 4,955 4,783 3,472 3,284 Net income 15,836 4,696 Preferred stock dividends 1,682 1,483 361 503 361 457 330 3,015 Net income applicable to common shareholders 16,224 14,353 4,335 4,452 4,422 2,954 1.50 0.40 0.41 0.41 0.28 0.27 Diluted earnings per common share 1.31 Average diluted common shares issued and outstanding 11,035,657 11,213,992 10,958,621 11,000,473 11,059,167 11,100,067 11,153,169 Dividends paid per common share 0.25 \$ 0.075 \$ 0.075 \$ 0.05 \$ 0.05 \$ 0.05 0.20 Performance ratios 0.82% 0.73% 0.85% 0.90% 0.88% 0.64% 0.60% Return on average assets Return on average common shareholders' equity 6.71 7.04 7.27 7.40 5.11 4.99 6.24 5.36 Return on average shareholders' equity 6.72 6.28 6.91 7.33 7.25 5.07 Return on average tangible common shareholders' equity (1) 9.54 9.08 9.92 10.28 10.54 7.33 7.19 Return on average tangible shareholders' equity (1) 9.19 8.80 9.38 9.98 9.93 7.40 7.04 At period end Book value per share of common stock 24.04 \$ 22.53 24.04 24.19 23.71 23.14 22.53 Tangible book value per share of common stock (1) 16.95 16.95 17.14 16.71 16.19 15.62 15.62 Market price per share of common stock: 22.10 \$ 16.83 22.10 \$ 13.27 13.52 16.83 Closing price 15.65 15.11 17.95 High closing price for the period 23.16 18.45 23.16 16.19 16.43 Low closing price for the period 11.16 15.15 15.63 12.74 12.18 11.16 15.38 Market capitalization 222,163 174,700 222,163 158,438 135,577 139,427 174,700 Number of financial centers - U.S. 4,579 4,726 4,579 4,629 4,681 4,689 4,726 Number of branded ATMs - U.S. 15,928 16,038 15,928 15,959 15,998 16,003 16,038 Full-time equivalent employees 208,024 213,280 208,024 209,009 210,516 213,183 213,280

⁽¹⁾ Tangible equity ratios and tangible book value per share of common stock are non-GAAP financial measures. We believe the use of ratios that utilize tangible equity provides additional useful information because they present measures of those assets that can generate income. Tangible book value per share provides additional useful information about the level of tangible assets in relation to outstanding shares of common stock. (See Exhibit A: Non-GAAP Reconciliations - Reconciliations to GAAP Financial Measures on pages 42-43.)

Bank of America Corporation and Subsidiaries Consolidated Statement of Income

(Dollars in millions, except per share information; shares in thousands)							
	Decen	Ended aber 31	Fourth Quarter	Third Quarter	Second Quarter	First Quarter	Fourth Quarter
Interest in come	2016	2015	2016	2016	2016	2016	2015
Interest income Loans and leases	\$ 33,228	\$ 31,918	\$ 8,391	\$ 8,358	\$ 8,219	\$ 8,260	\$ 8,006
Debt securities	9,167	9,178	2,245	2,144	2,261	2,517	2,452
Federal funds sold and securities borrowed or purchased under agreements to resell	1,118	988	315	267	260	276	214
Trading account assets	4,423	4,397	1,093	1,076	1,075	1,179	1,106
Other interest income	3,121	3,026	821	765	759	776	805
Total interest income	51,057	49,507	12,865	12,610	12,574	13,008	12,583
Interest expense							
Deposits	1,015	861	279	266	245	225	211
Short-term borrowings	2,350	2,387	542	569	626	613	519
Trading account liabilities	1,018	1,343	240	244	242	292	272
Long-term debt	5,578	5,958	1,512	1,330	1,343	1,393	1,895
Total interest expense	9,961	10,549	2,573	2,409	2,456	2,523	2,897
Net interest income	41,096	38,958	10,292	10,201	10,118	10,485	9,686
Noninterest income							
Card income	5,851	5,959	1,502	1,455	1,464	1,430	1,578
Service charges	7,638	7,381	1,978	1,952	1,871	1,837	1,862
Investment and brokerage services	12,745	13,337	3,202	3,160	3,201	3,182	3,236
Investment banking income	5,241	5,572	1,222	1,458	1,408	1,153	1,272
Trading account profits	6,902	6,473	1,081	2,141	2,018	1,662	963
Mortgage banking income	1,853	2,364	519	589	312	433	262
Gains on sales of debt securities	490	1,138	_	51	249	190	252
Other income	1,885	1,783	194	628	645	418	471
Total noninterest income	42,605	44,007	9,698	11,434	11,168	10,305	9,896
Total revenue, net of interest expense	83,701	82,965	19,990	21,635	21,286	20,790	19,582
Provision for credit losses	3,597	3,161	774	850	976	997	810
Noninterest expense							
Personnel	31,616	32,868	7,338	7,704	7,722	8,852	7,535
Occupancy	4,038	4,093	969	1,005	1,036	1,028	1,011
Equipment	1,804	2,039	447	443	451	463	528
Marketing	1,703	1,811	460	410	414	419	481
Professional fees	1,971	2,264	538	536	472	425	676
Amortization of intangibles	730	834	176	181	186	187	202
Data processing	3,007	3,115	767	685	717	838	817
Telecommunications	746	823	195	189	189	173	240
Other general operating	9,336	9,887	2,271	2,328	2,306	2,431	2,520
Total noninterest expense	54,951	57,734	13,161	13,481	13,493	14,816	14,010
Income before income taxes	25,153	22,070	6,055	7,304	6,817	4,977	4,762
Income tax expense	7,247	6,234	1,359	2,349	2,034	1,505	1,478
Net income	\$ 17,906	\$ 15,836	\$ 4,696	\$ 4,955	\$ 4,783		\$ 3,284
Preferred stock dividends	1,682 \$ 16,224	1,483	361 \$ 4,335	503	361	457	330
Net income applicable to common shareholders	3 16,224	\$ 14,353	\$ 4,335	\$ 4,452	\$ 4,422	\$ 3,015	\$ 2,954
Per common share information	0 1 70		0.42	ф <u>21</u> -	.	ф 02-	Ф 0
Earnings	\$ 1.58	\$ 1.37	\$ 0.43	\$ 0.43	\$ 0.43	\$ 0.29	\$ 0.28
Diluted earnings	1.50	1.31	0.40	0.41	0.41	0.28	0.27
Dividends paid	0.25	0.20	0.075	0.075	0.05	0.05	0.05
Average common shares issued and outstanding Average diluted common shares issued and outstanding	10,284,147	10,462,282	10,170,031	10,250,124	10,328,424	10,370,094	10,399,422
Average unuted common shares issued and outstanding	11,035,057	11,213,992	10,756,021	11,000,473	11,039,107	11,100,007	11,153,169

Consolidated Statement of Comprehensive Income

(Dollars in millions)

	 Year l Decem	 	_	ourth uarter	(Third Quarter	Second Quarter	First Ouarter	ourth uarter
	 2016	2015		2016		2016	 2016	 2016	2015
Net income	\$ 17,906	\$ 15,836	\$	4,696	\$	4,955	\$ 4,783	\$ 3,472	\$ 3,284
Other comprehensive income (loss), net-of-tax:									
Net change in debt and marketable equity securities	(1,345)	(1,580)		(4,664)		208	755	2,356	(1,747)
Net change in debit valuation adjustments	(156)	615		(205)		(65)	(13)	127	(18)
Net change in derivatives	182	584		(95)		127	126	24	168
Employee benefit plan adjustments	(524)	394		(553)		6	13	10	317
Net change in foreign currency translation adjustments	(87)	(123)		(70)		(8)	(21)	12	(39)
Other comprehensive income (loss)	(1,930)	(110)		(5,587)		268	860	2,529	(1,319)
Comprehensive income (loss)	\$ 15,976	\$ 15,726	\$	(891)	\$	5,223	\$ 5,643	\$ 6,001	\$ 1,965
				,					

Bank of America Corporation and Subsidiaries Consolidated Balance Sheet

	De	December 31 2016		eptember 30 2016	D	ecember 31 2015
Assets						
Cash and due from banks	\$	30,719	\$	26,701	\$	31,265
nterest-bearing deposits with the Federal Reserve, non-U.S. central banks and other banks		117,019		116,733		128,088
Cash and cash equivalents		147,738		143,434		159,353
Time deposits placed and other short-term investments		9,861		8,506		7,744
Federal funds sold and securities borrowed or purchased under agreements to resell		198,224		218,810		192,482
Trading account assets		180,209		187,849		176,527
Derivative assets		42,512		47,896		49,990
Debt securities:						
Carried at fair value		313,660		322,505		322,380
Held-to-maturity, at cost		117,071		112,409		84,508
Total debt securities		430,731		434,914		406,888
Loans and leases		906,683		905,008		896,983
Allowance for loan and lease losses		(11,237)		(11,692)		(12,234
Loans and leases, net of allowance		895,446		893,316		884,749
Premises and equipment, net		9,139		9,133		9,485
Mortgage servicing rights		2,747		2,477		3,087
Goodwill		68,969		69,744		69,761
ntangible assets		2,922		3,168		3,768
Loans held-for-sale		9,066		10,586		7,453
Customer and other receivables		58,759		54,116		58,312
Assets of business held for sale		10,670		n/a		n/a
Other assets		120,709		111,365		114,688
Total assets	\$	2,187,702	\$	2,195,314	\$	2,144,287

n/a = not applicable

Bank of America Corporation and Subsidiaries Consolidated Balance Sheet (continued)

	De	cember 31 2016	S	eptember 30 2016	De	2015
iabilities	_					
deposits in U.S. offices:						
Noninterest-bearing	\$	438,125	\$	431,418	\$	422,237
Interest-bearing		750,891		728,498		703,761
eposits in non-U.S. offices:						
Noninterest-bearing		12,039		11,596		9,916
Interest-bearing		59,879		61,383		61,345
Total deposits		1,260,934		1,232,895		1,197,259
ederal funds purchased and securities loaned or sold under agreements to repurchase		170,291		178,195		174,291
rading account liabilities		63,031		76,998		66,963
erivative liabilities		39,480		43,484		38,450
hort-term borrowings		23,944		26,889		28,098
ccrued expenses and other liabilities (includes \$762, \$767 and \$646 of reserve for unfunded lending commitments)		146,359		141,634		146,286
ong-term debt		216,823		225,136		236,764
Total liabilities		1,920,862		1,925,231		1,888,111
hareholders' equity						
referred stock, $\$0.01$ par value; authorized $-100,000,000$ shares; issued and outstanding $-3,887,329$, $3,887,439$ and $3,767,790$ shares		25,220		25,220		22,273
ommon stock and additional paid-in capital, \$0.01 par value; authorized – 12,800,000,000 shares; issued and outstanding – 10,052,625,604 , 10,123,845,121 and 10,380,265,063 shares		147,038		148,261		151,042
etained earnings		101,870		98,303		88,219
ccumulated other comprehensive income (loss)		(7,288)		(1,701)		(5,358
Total shareholders' equity		266,840		270,083		256,176
Total liabilities and shareholders' equity	\$	2,187,702	\$	2,195,314	\$	2,144,287

Bank of America Corporation and Subsidiaries Capital Management

Dollars in millions)									
			F	Bas	el 3 Transition	1			
	December 31	Se	eptember 30		June 30		March 31 2016	D	ecember 31
Risk-based capital metrics (1):	2016	- —	2016	_	2016	_	2016	_	2015
Standardized Approach									
Common equity tier 1 capital	\$ 168,886	\$	169,925	\$	166,173	\$	162,732	\$	163,026
Tier 1 capital	190,349	Ψ	191,435	Ψ	187,209	Ψ	182,550	Ψ	180,778
Total capital	228,219		229,132		226,949		223,020		220,676
Risk-weighted assets	1,398,676		1,395,541		1,396,277		1,405,748		1,403,293
Common equity tier 1 capital ratio	12.1%		12.2%		11.9%		11.6%		11.6%
Tier 1 capital ratio	13.6	,	13.7		13.4		13.0		12.9
Total capital ratio	16.3		16.4		16.3		15.0		15.7
Total Capital Fallo	10.0		10.1		10.5		15.9		15.7
Advanced Approaches									
Common equity tier 1 capital	\$ 168,886	\$	169,925	\$	166,173	\$	162,732	\$	163,026
Tier 1 capital	190,349		191,435		187,209		182,550		180,778
Total capital	219,024		219,878		217,828		213,434		210,912
Risk-weighted assets	1,530,948		1,547,221		1,561,567		1,586,993		1,602,373
Common equity tier 1 capital ratio	11.0%	,	11.0%		10.6%		10.3%		10.29
Tier 1 capital ratio	12.4		12.4		12.0		11.5		11.3
Total capital ratio	14.3		14.2		13.9		13.4		13.2
everage-based metrics (2)									
Adjusted average assets	\$ 2,130,722	\$	2,111,234	\$	2,109,172	\$	2,094,896	\$	2,103,183
Tier 1 leverage ratio	8.9%		9.1%		8.9%		8.7%		8.6
Supplementary leverage exposure	\$ 2,701,998	\$	2,703,905	\$	2,694,079	\$	2,685,787	\$	2,726,806
Supplementary leverage ratio	6.9%	•	7.1%		6.9%		6.8%		6.49
angible equity ratio (3)	9.2		9.4		9.3		9.1		8.9
Cangible common equity ratio (3)	8.1		8.2		8.1		7.9		7.8

⁽¹⁾ Regulatory capital ratios are preliminary and reflect the transition provisions of Basel 3.

The numerator of the supplementary leverage ratio and Tier 1 leverage ratio is quarter-end Basel 3 Tier 1 capital. The Tier 1 leverage ratio reflects the transition provisions of Basel 3 and the supplementary leverage ratio is calculated on a fully phased-in basis. The denominator of supplementary leverage exposure is total leverage exposure based on the daily average of the sum of on-balance sheet exposures less permitted Tier 1 deductions, as well as the simple average of certain off-balance sheet exposures, as of the end of each month in a quarter. Off-balance sheet exposures primarily include undrawn lending commitments, letters of credit, potential future derivative exposures and repo-style transactions.

exposures primarily include undrawn lending commitments, letters of credit, potential future derivative exposures and repo-style transactions.

(3) Tangible equity ratio equals period-end tangible shareholders' equity divided by period-end tangible assets. Tangible common equity ratio equals period-end tangible shareholders' equity divided by period-end tangible assets. Tangible assets. We believe the use of ratios that utilize tangible equity provides additional useful information because they present measures of those assets that can generate income. (See Exhibit A: Non-GAAP Reconciliations - Reconciliation to GAAP Financial Measures on pages 42-43.)

Bank of America Corporation and Subsidiaries Regulatory Capital Reconciliations (1, 2, 3)

(Dollars in millions)									
	Decemb 201			ember 30 2016		June 30 2016	March 31 2016	D	ecember 31 2015
Regulatory capital – Basel 3 transition to fully phased-in					_				
Common equity tier 1 capital (transition)	\$ 168	8,886	\$	169,925	\$	166,173	\$ 162,732	\$	163,026
Deferred tax assets arising from net operating loss and tax credit carryforwards phased in during transition	(3	3,304)		(3,143)		(3,496)	(3,764)		(5,151)
Accumulated OCI phased in during transition	(1	1,899)		188		359	(117)		(1,917)
Intangibles phased in during transition		(798)		(853)		(907)	(983)		(1,559)
Defined benefit pension fund assets phased in during transition		(341)		(375)		(378)	(381)		(568)
DVA related to liabilities and derivatives phased in during transition		276		168		104	76		307
Other adjustments and deductions phased in during transition		(57)		(35)		(24)	(54)		(54)
Common equity tier 1 capital (fully phased-in)	\$ 162	2,763	\$	165,875	\$	161,831	\$ 157,509	\$	154,084
Risk-weighted assets – As reported to Basel 3 (fully phased-in)									
Basel 3 Standardized approach risk-weighted assets as reported	\$ 1,398	8,676	\$ 1,	,395,541	\$	1,396,277	\$ 1,405,748	\$	1,403,293
Changes in risk-weighted assets from reported to fully phased-in	17	7,376		15,587		17,689	20,104		24,089
Basel 3 Standardized approach risk-weighted assets (fully phased-in)	\$ 1,416	6,052	\$ 1,	,411,128	\$	1,413,966	\$ 1,425,852	\$	1,427,382
Basel 3 Advanced approaches risk-weighted assets as reported	\$ 1,530	0,948	\$ 1,	,547,221	\$	1,561,567	\$ 1,586,993	\$	1,602,373
Changes in risk-weighted assets from reported to fully phased-in	(19	9,059)		(23,502)		(19,600)	(29,710)		(27,690)
Basel 3 Advanced approaches risk-weighted assets (fully phased-in) (4)	\$ 1,511	1,889	\$ 1,	,523,719	\$	1,541,967	\$ 1,557,283	\$	1,574,683
Regulatory capital ratios									
Basel 3 Standardized approach common equity tier 1 (transition)		12.1%		12.2%		11.9%	11.6%		11.6%
Basel 3 Advanced approaches common equity tier 1 (transition)		11.0		11.0		10.6	10.3		10.2
Basel 3 Standardized approach common equity tier 1 (fully phased-in)		11.5		11.8		11.4	11.0		10.8
Basel 3 Advanced approaches common equity tier 1 (fully phased-in) (4)		10.8		10.9		10.5	10.1		9.8

⁽¹⁾ Regulatory capital ratios are preliminary.
(2) As an Advanced approaches institution, we are required to report regulatory capital risk-weighted assets and ratios under both the Standardized and Advanced approaches. The approach that yields the lower ratio is to be used to assess capital adequacy, which is Advanced approaches for the periods presented.

⁽³⁾ Fully phased-in estimates are non-GAAP financial measures. For reconciliations to GAAP financial measures, see above.

⁽⁴⁾ Basel 3 fully phased-in Advanced approaches estimates assume approval by U.S. banking regulators of our internal analytical models, including approval of the internal models methodology (IMM). As of December 31, 2016, the Corporation did not have regulatory approval for the IMM model.

Quarterly Average Balances and Interest Rates - Fully Taxable-equivalent Basis

(Dollars in millions)													
	Four	th Quarter 201	6	Thi	rd Quarter 2016		Fourth Quarter 2015						
	Average Balance			Average Balance	Interest Income/ Expense	Yield/ Rate	Average Balance	Interest Income/ Expense	Yield/ Rate				
Earning assets													
Interest-bearing deposits with the Federal Reserve, non-U.S. central banks and other banks	\$ 125,820	\$ 145	0.46%	\$ 133,866	\$ 148	0.44%	\$ 148,102	\$ 108	0.29%				
Time deposits placed and other short-term investments	9,745	39	1.57	9,336	34	1.45	10,120	41	1.61				
Federal funds sold and securities borrowed or purchased under agreements to resell	218,200	315	0.57	214,254	267	0.50	207,585	214	0.41				
Trading account assets	126,731	1,131	3.55	128,879	1,111	3.43	134,797	1,141	3.37				
Debt securities (1)	430,719	2,273	2.11	423,182	2,169	2.07	399,338	2,470	2.48				
Loans and leases ⁽²⁾ :													
Residential mortgage	191,003	1,621	3.39	188,234	1,612	3.42	189,650	1,644	3.47				
Home equity	68,021	618	3.63	70,603	681	3.84	77,109	715	3.69				
U.S. credit card	89,521	2,105	9.35	88,210	2,061	9.30	88,623	2,045	9.15				
Non-U.S. credit card	9,051	192	8.43	9,256	231	9.94	10,155	258	10.07				
Direct/Indirect consumer	93,527	598	2.54	92,870	585	2.51	87,858	530	2.40				
Other consumer	2,462	25	3.99	2,358	18	2.94	2,039	11	2.09				
Total consumer	453,585	5,159	4.53	451,531	5,188	4.58	455,434	5,203	4.55				
U.S. commercial	283,491	2,119	2.97	276,833	2,040	2.93	261,727	1,790	2.72				
Commercial real estate	57,540	453	3.13	57,606	452	3.12	56,126	408	2.89				
Commercial lease financing	21,436	145	2.71	21,194	153	2.88	20,422	155	3.03				
Non-U.S. commercial	92,344	589	2.54	93,430	599	2.55	92,447	530	2.27				
Total commercial	454,811	3,306	2.89	449,063	3,244	2.87	430,722	2,883	2.66				
Total loans and leases (1)	908,396	8,465	3.71	900,594	8,432	3.73	886,156	8,086	3.63				
Other earning assets	64,501	731	4.52	59,951	677	4.50	61,073	748	4.87				
Total earning assets (3)	1,884,112	13,099	2.77	1,870,062	12,838	2.73	1,847,171	12,808	2.76				
Cash and due from banks (1)	27,452			27,361			29,503		_				
Other assets, less allowance for loan and lease losses (1)	296,475			292,067			303,833						
Total assets	\$ 2,208,039			\$ 2,189,490			\$ 2,180,507						

⁽¹⁾ Includes assets of the Corporation's non-U.S. consumer credit card business, which are included in assets of business held for sale on the Consolidated Balance Sheet at December 31, 2016.

⁽³⁾ The impact of interest rate risk management derivatives on interest income is presented below. Interest income includes the impact of interest rate risk management contracts, which increased (decreased) interest income on:

	Fourth Quarter 2	016	Third Quarter 2016	Fourth Quarter 2015
Federal funds sold and securities borrowed or purchased under agreements to resell	\$	8	\$ (1)	\$ 7
Debt securities		(19)	(49)	(22)
U.S. commercial loans and leases		(10)	(14)	(17)
Net hedge expense on assets	S	(21)	\$ (64)	\$ (32)

⁽²⁾ Nonperforming loans are included in the respective average loan balances. Income over the estimated life of the loan.

Quarterly Average Balances and Interest Rates - Fully Taxable-equivalent Basis (continued)

(Dollars in millions)																	
		Four	th Qu	arter 2016	<u> </u>		Thi	d Qua	rter 2016		Fourth Quarter 2015						
	Average Balance		Interest Income/ Expense		Yield/ Rate	Average Balance		Interest Income/ Expense		Yield/ Rate	Average Balance		Interest Income/ Expense		Yield/ Rate		
Interest-bearing liabilities																	
U.S. interest-bearing deposits:																	
Savings	\$	50,132	\$	1	0.01%	\$	49,885	\$	2	0.01%	\$	46,094	\$	1	0.01%		
NOW and money market deposit accounts		604,155		78	0.05		592,907		73	0.05		558,441		68	0.05		
Consumer CDs and IRAs		47,625		32	0.27		48,695		33	0.27		51,107		37	0.29		
Negotiable CDs, public funds and other deposits		34,904		53	0.60		32,023		43	0.54		30,546		25	0.32		
Total U.S. interest-bearing deposits		736,816		164	0.09		723,510		151	0.08		686,188		131	0.08		
Non-U.S. interest-bearing deposits:																	
Banks located in non-U.S. countries		2,918		4	0.48		4,294		9	0.87		3,997		7	0.69		
Governments and official institutions		1,346		2	0.74		1,391		3	0.61		1,687		2	0.37		
Time, savings and other		60,123		109	0.73		59,340		103	0.70		55,965		71	0.51		
Total non-U.S. interest-bearing deposits		64,387		115	0.71		65,025		115	0.71		61,649		80	0.52		
Total interest-bearing deposits		801,203		279	0.14		788,535		266	0.13		747,837		211	0.11		
Federal funds purchased, securities loaned or sold under agreements to repurchase and short-term borrowings		207,679		542	1.04		207,634		569	1.09		231,650		519	0.89		
Trading account liabilities		71,598		240	1.33		73,452		244	1.32		73,139		272	1.48		
Long-term debt (1)		220,587		1,512	2.74		227,269		1,330	2.33		237,384		1,895	3.18		
Total interest-bearing liabilities (2)	1	,301,067		2,573	0.79		1,296,890		2,409	0.74		1,290,010		2,897	0.89		
Noninterest-bearing sources:		-					-										
Noninterest-bearing deposits		449,745					438,651					438,214					
Other liabilities		186,867					185,050					195,209					
Shareholders' equity		270,360					268,899					257,074					
Total liabilities and shareholders' equity	\$ 2	,208,039				\$	2,189,490				\$	2,180,507					
Net interest spread					1.98%					1.99%					1.87%		
Impact of noninterest-bearing sources			_		0.25					0.24	_				0.27		
Net interest income/yield on earning assets			\$	10,526	2.23%			\$	10,429	2.23%			\$	9,911	2.14%		

⁽¹⁾ The yield on long-term debt excluding the \$612 million adjustment on certain trust preferred securities was 2.15 percent for the fourth quarter of 2015. The yield on long-term debt excluding the adjustment is a non-GAAP financial measure.

⁽²⁾ The impact of interest rate risk management derivatives on interest expense is presented below. Interest expense includes the impact of interest rate risk management contracts, which increased (decreased) interest expense on:

	Fourth Quarter 2016	Third Quarter 2016	Fourth Quarter 2015
Consumer CDs and IRAs	\$ 6	\$ 6	\$ 6
Negotiable CDs, public funds and other deposits	3	3	3
Banks located in non-U.S. countries	5	4	1
Federal funds purchased, securities loaned or sold under agreements to repurchase and short-term borrowings	94	95	178
Long-term debt	(440)	(668)	(869)
Net hedge income on liabilities	\$ (332)	\$ (560)	\$ (681)

Annual Average Balances and Interest Rates - Fully Taxable-equivalent Basis

(Dollars in millions)								
		20	16				2015	
	Average Balance	In	nterest ncome/ xpense	Yield/ Rate	Average Balance		Interest Income/ Expense	Yield/ Rate
Earning assets								
Interest-bearing deposits with the Federal Reserve, non-U.S. central banks and other banks	\$ 133,374	\$	605	0.45%	\$	136,391	\$ 369	0.27%
Time deposits placed and other short-term investments	9,020	5	140	1.55		9,556	140	5 1.53
Federal funds sold and securities borrowed or purchased under agreements to resell	216,161		1,118	0.52		211,471	98	8 0.47
Trading account assets	129,766	5	4,563	3.52		137,837	4,54	7 3.30
Debt securities (1)	418,289)	9,263	2.23		390,849	9,23	3 2.38
Loans and leases (2):								
Residential mortgage	188,250)	6,488	3.45		201,366	6,96	7 3.46
Home equity	71,760)	2,713	3.78		81,070	2,98	3.68
U.S. credit card	87,905	5	8,170	9.29		88,244	8,08	9.16
Non-U.S. credit card	9,527	7	926	9.72		10,104	1,05	1 10.40
Direct/Indirect consumer	91,853	3	2,296	2.50		84,585	2,040	2.41
Other consumer	2,295	5	75	3.26		1,938	50	5 2.86
Total consumer	451,590)	20,668	4.58		467,307	21,18	3 4.53
U.S. commercial	276,887	,	8,101	2.93		248,354	6,88	3 2.77
Commercial real estate	57,547	7	1,773	3.08		52,136	1,52	1 2.92
Commercial lease financing	21,140	5	627	2.97		19,802	623	3.17
Non-U.S. commercial	93,263	3	2,337	2.51		89,188	2,00	3 2.25
Total commercial	448,843	3	12,838	2.86		409,480	11,040	2.70
Total loans and leases (1)	900,433	3	33,506	3.72		876,787	32,22	3.68
Other earning assets	59,775	5	2,762	4.62		62,040	2,89	4.66
Total earning assets (3)	1,866,824		51,957	2.78		1,824,931	50,39	5 2.76
Cash and due from banks (1)	27,893	3				28,921		
Other assets, less allowance for loan and lease losses (1)	295,254	ŀ				306,345		
Total assets	\$ 2,189,971				\$ 2	2,160,197		

⁽¹⁾ Includes assets of the Corporation's non-U.S. consumer credit card business, which are included in assets of business held for sale on the Consolidated Balance Sheet at December 31, 2016.
(2) Nonperforming loans are included in the respective average loan balances. Income on these nonperforming loans is generally recognized on a cost recovery basis. Purchased credit-impaired loans were recorded at fair value upon acquisition and accrete interest income over the estimated life of the loan.

⁽³⁾ The impact of interest rate risk management derivatives on interest income is presented below. Interest income includes the impact of interest rate risk management contracts, which increased (decreased) interest income on:

	2016	2015
Federal funds sold and securities borrowed or purchased under agreements to resell	\$ 25	\$ 52
Debt securities	(150)	(44)
U.S. commercial loans and leases	(51)	(67)
Net hedge expense on assets	\$ (176)	\$ (59)

Annual Average Balances and Interest Rates – Fully Taxable-equivalent Basis (continued)

(Dollars in millions)									
	Z016 Interest							2015	
		Average Income/ Yi		Yield/ Rate	Average Balance		Interest Income/ Expense	Yield/ Rate	
Interest-bearing liabilities									
U.S. interest-bearing deposits:									
Savings	\$	49,495	\$	5	0.01%	\$ 46,49	3 \$	7	0.01%
NOW and money market deposit accounts		589,737		294	0.05	543,133	3	273	0.05
Consumer CDs and IRAs		48,594		133	0.27	54,679)	162	0.30
Negotiable CDs, public funds and other deposits		32,889		160	0.49	29,970	5	95	0.32
Total U.S. interest-bearing deposits		720,715		592	0.08	674,280	5	537	0.08
Non-U.S. interest-bearing deposits:									
Banks located in non-U.S. countries		3,891		32	0.82	4,47	3	31	0.70
Governments and official institutions		1,437		9	0.64	1,492	2	5	0.33
Time, savings and other		59,183		382	0.65	54,76	7	288	0.53
Total non-U.S. interest-bearing deposits		64,511		423	0.66	60,732	2	324	0.53
Total interest-bearing deposits		785,226		1,015	0.13	735,018	3	861	0.12
Federal funds purchased, securities loaned or sold under agreements to repurchase and short-term borrowings		213,258		2,350	1.10	246,29	5	2,387	0.97
Trading account liabilities		72,779		1,018	1.40	76,772	2	1,343	1.75
Long-term debt (1)		228,617		5,578	2.44	240,059)	5,958	2.48
Total interest-bearing liabilities (2)	1,	299,880		9,961	0.77	1,298,14	1	10,549	0.81
Noninterest-bearing sources:									
Noninterest-bearing deposits		437,335				420,842	2		
Other liabilities		186,479				189,230)		
Shareholders' equity		266,277				251,98	l		
Total liabilities and shareholders' equity	\$ 2,	189,971				\$ 2,160,19	7		
Net interest spread					2.01%				1.95%
Impact of noninterest-bearing sources					0.24				0.24
Net interest income/yield on earning assets			\$	41,996	2.25%		\$	39,847	2.19%

⁽¹⁾ The yield on long-term debt excluding the \$612 million adjustment on certain trust preferred securities was 2.23 percent for 2015. The yield on long-term debt excluding the adjustment is a non-GAAP financial measure.

⁽²⁾ The impact of interest rate risk management derivatives on interest expense is presented below. Interest expense includes the impact of interest rate risk management contracts, which increased (decreased) interest expense on:

	2016	2015
NOW and money market deposit accounts	\$ (1)	\$ (1)
Consumer CDs and IRAs	23	23
Negotiable CDs, public funds and other deposits	13	13
Banks located in non-U.S. countries	13	5
Federal funds purchased, securities loaned or sold under agreements to repurchase and short-term borrowings	500	906
Long-term debt	(2,615)	(3,308)
Net hedge income on liabilities	\$ (2,067)	\$ (2,362)

Debt Securities and Available-for-Sale Marketable Equity Securities

(Dollars in millions)				ъ .	21.2	016		
	A	Amortized Cost		Decembe Gross Unrealized Gains		Gross Jnrealized Losses		Fair Value
Available-for-sale debt securities								
Mortgage-backed securities:								
Agency	\$	190,809	\$	640	\$	(1,963)	\$	189,486
Agency-collateralized mortgage obligations		8,296		85		(51)		8,330
Commercial		12,594		21		(293)		12,322
Non-agency residential		1,863		181		(31)		2,013
Total mortgage-backed securities	-	213,562		927		(2,338)		212,151
U.S. Treasury and agency securities		48,800		204		(752)		48,252
Non-U.S. securities		6,372		13		(3)		6,382
Other taxable securities, substantially all asset-backed securities		10,573		64		(23)		10,614
Total taxable securities		279,307		1,208		(3,116)		277,399
Tax-exempt securities		17,272		72		(184)		17,160
Total available-for-sale debt securities		296,579		1,280		(3,300)		294,559
Less: Available-for-sale securities of business held for sale		(619)		_		_		(619)
Other debt securities carried at fair value		19,748		121		(149)		19,720
Total debt securities carried at fair value		315,708		1,401		(3,449)		313,660
Held-to-maturity debt securities, substantially all U.S. agency mortgage-backed securities		117,071		248		(2,034)		115,285
Total debt securities	\$	432,779	\$	1,649	\$	(5,483)	\$	428,945
Available-for-sale marketable equity securities (1)	\$	325	\$	51	\$	(1)	\$	375
				Septembe	r 30, 2	016		
Available-for-sale debt securities								
Mortgage-backed securities:								
Agency	\$	196,808	\$	4,266	\$	(23)	\$	201,051
Agency-collateralized mortgage obligations		8,862		243		(24)		9,081
Commercial		12,555		383		(2)		12,936
Non-agency residential		1,476		180		(38)		1,618
Total mortgage-backed securities		219,701		5,072		(87)	_	224,686
U.S. Treasury and agency securities		44,925		363		(4)		45,284
Non-U.S. securities		5,995		19		(4)		6,010
Other taxable securities, substantially all asset-backed securities		9,375		73		(32)		9,416
Total taxable securities		279,996		5,527		(127)		285,396
Tax-exempt securities		15,917		97		(30)		15,984
Total available-for-sale debt securities		295,913	_	5,624	_	(157)	_	301,380
Other debt securities carried at fair value		21,222		114		(211)		21,125
Total debt securities carried at fair value		317,135		5,738		(368)		322,505
Held-to-maturity debt securities, substantially all U.S. agency mortgage-backed securities		112,409		1,647		(91)		113,965
	•		\$	7,385	\$	(459)	\$	436,470
Total debt securities	\$	429,544	Ф	1,363	Φ	(4371	Ф	430,470

⁽¹⁾ Classified in other assets on the Consolidated Balance Sheet.

Other Debt Securities Carried at Fair Value

(Dollars in millions)	December 31 2016	September 30 2016		
Mortgage-backed securities:				
Agency-collateralized mortgage obligations	\$ 5	\$ 6		
Non-agency residential	3,139	3,193		
Total mortgage-backed securities	3,144	3,199		
Non-U.S. securities (1)	16,336	17,680		
Other taxable securities, substantially all asset-backed securities	240	246		
Total	\$ 19,720	\$ 21,125		

⁽¹⁾ These securities are primarily used to satisfy certain international regulatory liquidity requirements.

Bank of America Corporation and Subsidiaries Supplemental Financial Data

(Dollars in millions)

Fully taxable-equivalent (FTE) basis data (1)

	Year I Decem			Fourth Quarter		Third Quarter		Second Quarter	First Quarter	Fourth Quarter
	2016	2015	2016		2016			2016	2016	2015
Net interest income	\$ 41,996	\$ 39,847	\$	10,526	\$	10,429	\$	10,341	\$ 10,700	\$ 9,911
Total revenue, net of interest expense	84,601	83,854		20,224		21,863		21,509	21,005	19,807
Net interest yield	2.25%	2.19%		2.23%		2.23%		2.23%	2.33%	2.14%
Efficiency ratio	64.95	68.85		65.08		61.66		62.73	70.54	70.73

⁽¹⁾ FTE basis is a non-GAAP financial measure. FTE basis is a performance measure used by management in operating the business that management believes provides investors with a more accurate picture of the interest margin for comparative purposes. The Corporation believes that this presentation allows for comparison of amounts from both taxable and tax-exempt sources and is consistent with industry practices. (See Exhibit A: Non-GAAP Reconciliations - Reconciliations to GAAP Financial Measures on pages 42-43.)

Quarterly Results by Business Segment and All Other

(Dollars in millions)		1,502 1,290 38 117 12 1,978 1,062 18 810 81 3,202 64 2,597 24 519												
	Co							Global				All Other		
Net interest income (FTE basis)	\$	10,526	\$	5,466	\$	1,449	\$	2,502	\$	1,167	\$	(58)		
Card income		1,502		1,290		38		117		12		45		
Service charges		1,978		1,062		18		810		81		7		
Investment and brokerage services		3,202		64		2,597		24		519		(2)		
Investment banking income (loss)		1,222		1		47		653		554		(33)		
Trading account profits (losses)		1,081		_		52		39		1,149		(159)		
Mortgage banking income		519		206		2		_		_		311		
Other income (loss)		194		22		174		389		(10)		(381)		
Total noninterest income	_	9,698		2,645		2,928		2,032		2,305		(212)		
Total revenue, net of interest expense (FTE basis)		20,224		8,111		4,377		4,534		3,472		(270)		
Provision for credit losses		774		760		22		13		8		(29)		
Noninterest expense		13,161		4,328		3,360		2,037		2,480		956		
Income (loss) before income taxes (FTE basis)	_	6,289		3,023		995		2,484		984		(1,197)		
Income tax expense (benefit) (FTE basis)		1,593		1,102		361		906		326		(1,102)		
Net income (loss)	\$	4,696	\$	1,921	\$	634	\$	1,578	\$	658	\$	(95)		
Average														
Total loans and leases	\$	908,396	\$	253,602	\$	146,180	\$	337,827	\$	70,615	\$	100,172		
Total assets (1)		2,208,039		686,991		291,762		403,564		595,276		230,446		
Total deposits		1,250,948		617,970		256,629		314,133		33,775		28,441		
Period end														
Total loans and leases (2)	\$	915,897	\$	258,991	\$	148,179	\$	339,271	\$	72,743	\$	96,713		
Total assets (1)		2,187,702		702,339		298,932		408,268		566,060		212,103		
Total deposits		1,260,934		632,790		262,530		306,430		34,927		24,257		
						Third Oua		016						

				Third Qua	rter 2	2016		
		Total	onsumer			Global	Global	All
	С	orporation	 Banking	GWIM		Banking	Markets	Other
Net interest income (FTE basis)	\$	10,429	\$ 5,289	\$ 1,394	\$	2,470	\$ 1,119	\$ 157
Card income		1,455	1,218	41		135	15	46
Service charges		1,952	1,072	19		780	80	1
Investment and brokerage services		3,160	69	2,585		20	490	(4)
Investment banking income (loss)		1,458	_	56		796	645	(39)
Trading account profits		2,141	_	62		56	1,934	89
Mortgage banking income		589	297	_		_	_	292
Gains on sales of debt securities		51	_	_		_	_	51
Other income (loss)		628	 23	222		491	75	(183)
Total noninterest income		11,434	2,679	2,985		2,278	3,239	253
Total revenue, net of interest expense (FTE basis)		21,863	7,968	4,379		4,748	4,358	410
Provision for credit losses		850	698	7		118	19	8
Noninterest expense		13,481	 4,371	 3,256		2,151	 2,656	 1,047
Income (loss) before income taxes (FTE basis)		7,532	2,899	1,116		2,479	1,683	(645)
Income tax expense (benefit) (FTE basis)		2,577	 1,086	419		926	 609	(463)
Net income (loss)	\$	4,955	\$ 1,813	\$ 697	\$	1,553	\$ 1,074	\$ (182)
Average								
Total loans and leases	\$	900,594	\$ 248,683	\$ 143,207	\$	334,363	\$ 69,043	\$ 105,298
Total assets (1)		2,189,490	674,636	288,821		395,423	584,069	246,541
Total deposits		1,227,186	605,708	253,812		306,198	32,840	28,628
Period end								
Total loans and leases	\$	905,008	\$ 251,125	\$ 144,980	\$	334,120	\$ 72,144	\$ 102,639
Total assets (1)		2,195,314	687,247	289,795		397,795	595,165	225,312
Total deposits		1,232,895	618,030	252,962		301,061	31,692	29,150

⁽¹⁾ Total assets include asset allocations to match liabilities (i.e., deposits).
(2) Includes \$9.2 billion of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

Quarterly Results by Business Segment and All Other (continued)

(Dollars in millions)									
					Fourth Qua	arter 2	2015		
	 Total orporation		onsumer anking	(GWIM		Global Banking	Global Markets	All Other
Net interest income (FTE basis)	\$ 9,911	\$	5,229	\$	1,446	\$	2,456	\$ 1,132	\$ (352)
Card income	1,578		1,313		46		139	19	61
Service charges	1,862		1,045		18		730	64	5
Investment and brokerage services	3,236		66		2,639		20	518	(7)
Investment banking income (loss)	1,272		1		50		729	532	(40)
Trading account profits	963		_		44		34	797	88
Mortgage banking income	262		215		2		_	1	44
Gains on sales of debt securities	252		_		_		1	_	251
Other income (loss)	 471		142		233		452	54	 (410)
Total noninterest income	 9,896		2,782		3,032		2,105	1,985	(8)
Total revenue, net of interest expense (FTE basis)	19,807		8,011		4,478		4,561	3,117	(360)
Provision for credit losses	810		684		15		232	30	(151)
Noninterest expense	 14,010		4,636		3,498		2,085	2,767	1,024
Income (loss) before income taxes (FTE basis)	4,987		2,691		965		2,244	320	(1,233)
Income tax expense (benefit) (FTE basis)	 1,703		955		342		828	149	 (571)
Net income (loss)	\$ 3,284	\$	1,736	\$	623	\$	1,416	\$ 171	\$ (662)
Average									
Total loans and leases	\$ 886,156	\$	235,498	\$	137,022	\$	318,699	\$ 68,835	\$ 126,102
Total assets (1)	2,180,507		630,973		285,329		381,887	586,606	295,712
Total deposits	1,186,051		563,745		251,306		307,806	37,175	26,019
Period end									
Total loans and leases	\$ 896,983	\$	238,851	\$	139,039	\$	323,687	\$ 73,208	\$ 122,198
Total assets (1)	2,144,287		645,427		296,271		386,132	548,790	267,667
Total deposits	1,197,259		577,832		260,893		296,162	37,038	25,334
		ı							

⁽¹⁾ Total assets include asset allocations to match liabilities (i.e., deposits).

Annual Results by Business Segment and All Other

(Dollars in millions) Year Ended December 31, 2016 Total Global Global All Consumer **GWIM** Banking Markets Corporation Other Banking Net interest income (FTE basis) 41,996 21,290 5,759 9,942 4,558 447 5,851 4,935 150 503 74 189 Card income Service charges 7,638 4,142 74 3,094 312 16 Investment and brokerage services 12,745 270 10,316 2,102 (17)74 Investment banking income (loss) 5,241 2 227 2,884 2,296 (168)Trading account profits 6,902 175 119 6,550 58 889 Mortgage banking income 1,853 960 3 490 490 Gains on sales of debt securities (1,204)Other income (loss) 1,885 132 946 1,814 197 Total noninterest income 42,605 10,441 11,891 8,488 11,532 253 17,650 18,430 700 Total revenue, net of interest expense (FTE basis) 84,601 31,731 16,090 Provision for credit losses 3,597 2,715 68 883 31 (100)54,951 17,653 13,182 8,486 10,170 5,460 Noninterest expense Income (loss) before income taxes (FTE basis) 26,053 11,363 4,400 9,061 5,889 (4,660) Income tax expense (benefit) (FTE basis) 8,147 4,190 1,629 3,341 2,072 (3,085)17,906 (1,575) Net income (loss) 7,173 2,771 5,720 3,817 Average Total loans and leases 900,433 245,808 142,429 333,820 69,641 108,735 Total assets (1) 2,189,971 668,381 291,479 396,705 585,342 248,064 34,250 Total deposits 1,222,561 599,654 256,425 304,101 28,131 Period end Total loans and leases (2) 915,897 258,991 148,179 339,271 72,743 96,713 Total assets (1) 2,187,702 702,339 298,932 408,268 566,060 212,103 Total deposits 1,260,934 632,790 262,530 306,430 34,927 24,257

					Yea	r Ended Dec	embe	r 31, 2015			
		Total	C	onsumer				Global		Global	All
	C	orporation	E	anking		GWIM	I	Banking	1	Markets	Other
Net interest income (FTE basis)	\$	39,847	\$	20,428	\$	5,527	\$	9,244	\$	4,191	\$ 457
Card income		5,959		4,937		181		499		82	260
Service charges		7,381		4,101		73		2,914		275	18
Investment and brokerage services		13,337		268		10,792		64		2,221	(8)
Investment banking income (loss)		5,572		_		261		3,110		2,401	(200)
Trading account profits (losses)		6,473		_		195		216		6,109	(47)
Mortgage banking income		2,364		1,332		9		_		1	1,022
Gains on sales of debt securities		1,138	1	1		_		1		10	1,126
Other income (loss)		1,783		458		996		1,573		(277)	(967)
Total noninterest income		44,007		11,097		12,507		8,377		10,822	1,204
Total revenue, net of interest expense (FTE basis)		83,854		31,525		18,034		17,621		15,013	1,661
Provision for credit losses		3,161		2,346		51		686		99	(21)
Noninterest expense		57,734		18,716		13,943		8,481		11,374	5,220
Income (loss) before income taxes (FTE basis)		22,959		10,463		4,040		8,454		3,540	(3,538)
Income tax expense (benefit) (FTE basis)		7,123		3,814		1,473		3,114		1,117	(2,395)
Net income (loss)	\$	15,836	\$	6,649	\$	2,567	\$	5,340	\$	2,423	\$ (1,143)
Average											
Total loans and leases	\$	876,787	\$	232,432	\$	132,499	\$	303,907	\$	63,443	\$ 144,506
Total assets (1)		2,160,197		620,192		275,950		369,001		594,057	300,997
Total deposits		1,155,860		552,876		244,725		294,733		38,074	25,452
Period end											
Total loans and leases	\$	896,983	\$	238,851	\$	139,039	\$	323,687	\$	73,208	\$ 122,198
Total assets (1)		2,144,287		645,427		296,271		386,132		548,790	267,667
Total deposits		1,197,259		577,832		260,893		296,162		37,038	25,334

⁽¹⁾ Total assets include asset allocations to match liabilities (i.e., deposits).

⁽²⁾ Includes \$9.2 billion of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

Bank of America Corporation and Subsidiaries Consumer Banking Segment Results

(Dollars in millions)		·					
	Year I Decem		Fourth Quarter	Third Quarter	Second Quarter	First Quarter	Fourth Quarter 2015
Net interest income (FTE basis)	2016 \$ 21,290	\$ 20,428	\$ 5,466	\$ 5,289	\$ 5,207	\$ 5,328	\$ 5,229
Noninterest income:	5 21,270	\$ 20,420	J 3,400	\$ 3,269	\$ 3,207	\$ 5,526	\$ 3,229
Card income	4,935	4,937	1,290	1,218	1,216	1,211	1,313
Service charges	4,142	4,101	1,062	1,072	1,011	997	1,045
Mortgage banking income	960	1,332	206	297	267	190	215
All other income	404	727	87	92	94	131	209
Total noninterest income	10,441	11,097	2,645	2,679	2,588	2,529	2,782
Total revenue, net of interest expense (FTE basis)	31,731	31,525	8,111	7,968	7,795	7,857	8,011
•		·	,		,	,	
Provision for credit losses	2,715	2,346	760	698	726	531	684
Noninterest expense	17,653	18,716	4,328	4,371	4,415	4,539	4,636
Income before income taxes (FTE basis)	11,363	10,463	3,023	2,899	2,654	2,787	2,691
Income tax expense (FTE basis)	4,190	3,814	1,102	1,086	978	1,024	955
Net income	\$ 7,173	\$ 6,649	\$ 1,921	\$ 1,813	\$ 1,676	\$ 1,763	\$ 1,736
Net interest yield (FTE basis)	3.38%	3.52%	3.35%	3.30%	3.34%	3.53%	3.51%
Return on average allocated capital (1)	21	20	22	21	20	21	21
Efficiency ratio (FTE basis)	55.63	59.37	53.36	54.86	56.63	57.77	57.88
Balance Sheet							
Average							
Total loans and leases	\$ 245,808	\$ 232,432	\$ 253,602	\$ 248,683	\$ 242,921	\$ 237,908	\$ 235,498
Total earning assets (2)	629,990	580,095	648,305	636,838	627,231	607,308	591,330
Total assets (2)	668,381	620,192	686,991	674,636	665,102	646,523	630,973
Total deposits	599,654	552,876	617,970	605,708	596,474	578,196	563,745
Allocated capital (1)	34,000	33,000	34,000	34,000	34,000	34,000	33,000
Period end							
Total loans and leases	\$ 258,991	\$ 238,851	\$ 258,991	\$ 251,125	\$ 247,122	\$ 240,591	\$ 238,851
Total earning assets (2)	662,704	605,012	662,704	648,978	630,454	626,941	605,012
Total assets (2)	702,339	645,427	702,339	687,247	668,470	666,298	645,427
Total deposits	632,790	577,832	632,790	618,030	599,457	597,800	577,832

Return on average allocated capital is calculated as net income, adjusted for cost of funds and earnings credits and certain expenses related to intangibles, divided by average allocated capital.

Other companies may define or calculate these measures differently.

Total earning assets and total assets include asset allocations to match liabilities (i.e., deposits) and allocated shareholders' equity.

Consumer Banking Annual Results

		Vea	r Ended	December 31, 20	016	
	Tota	l Consumer	Bilded			onsumer
		Banking		Deposits		ending
Net interest income (FTE basis)	S	21,290	\$	10,701	\$	10,589
Noninterest income:						
Card income		4,935		9		4,926
Service charges		4,142		4,141		1
Mortgage banking income		960		_		960
All other income		404		403		1
Total noninterest income		10,441		4,553		5,888
Total revenue, net of interest expense (FTE basis)		31,731		15,254		16,477
Provision for credit losses		2,715		174		2,541
Noninterest expense		17,653		9,678		7,975
Income before income taxes (FTE basis)		11,363	,	5,402		5,961
Income tax expense (FTE basis)		4,190		1,992		2,198
Net income	S	7,173	\$	3,410	\$	3,763
Net interest yield (FTE basis)		3.38%		1.79%		4.37%
Return on average allocated capital (1)		21		28		17
Efficiency ratio (FTE basis)		55.63		63.44		48.41
Balance Sheet						
Average						
Total loans and leases	\$	245,808	\$	4,809	\$	240,999
Total earning assets (2)		629,990		598,043		242,445
Total assets (2)		668,381		624,592		254,287
Total deposits		599,654		592,417		7,237
Allocated capital (1)		34,000		12,000		22,000
Period end						
Total loans and leases	s	258,991	\$	4,938	\$	254,053
Total earning assets (2)		662,704		631,172		255,511
Total assets (2)		702,339		658,316		268,002
Total deposits		632,790		625,727		7,063

	Yea	r Ended	December 31, 20	15	
	al Consumer Banking		Deposits		Consumer Lending
et interest income (FTE basis)	\$ 20,428	\$	9,635	\$	10,793
Noninterest income:					
Card income	4,937		11		4,926
Service charges	4,101		4,100		1
Mortgage banking income	1,332		_		1,332
All other income	 727		483		244
Total noninterest income	 11,097		4,594		6,503
Total revenue, net of interest expense (FTE basis)	31,525		14,229		17,296
Provision for credit losses	2,346		200		2,146
Noninterest expense	 18,716		9,856		8,860
Income before income taxes (FTE basis)	 10,463		4,173		6,290
Income tax expense (FTE basis)	 3,814		1,521		2,293
Net income	\$ 6,649	\$	2,652	\$	3,997
Net interest yield (FTE basis)	3.52 %		1.75 %		4.70%
Return on average allocated capital (1)	20		22		19
Efficiency ratio (FTE basis)	59.37		69.27		51.23
Balance Sheet					
Average					
Total loans and leases	\$ 232,432	\$	4,713	\$	227,719
Total earning assets (2)	580,095		549,600		229,579
Total assets (2)	620,192		576,569		242,707
Total deposits	552,876		544,685		8,191
Allocated capital (1)	33,000		12,000		21,000
Period end					
Total loans and leases	\$ 238,851	\$	4,735	\$	234,116
Total earning assets (2)	605,012		576,108		235,496
Total assets (2)	645,427		603,448		248,571
Total deposits	577,832		571,467		6,365

For footnotes see page 21.

Bank of America Corporation and Subsidiaries Consumer Banking Quarterly Results

(Dollars in millions)						
	_			Fourth	Quarter 2016	
			Consumer anking		Deposits	Consumer Lending
Net interest income (FTE basis)		\$	5,466	\$	2,762	\$ 2,704
Noninterest income:						
Card income			1,290		2	1,288
Service charges			1,062		1,061	1
Mortgage banking income			206		_	206
All other income (loss)	_		87		91	 (4)
Total noninterest income			2,645		1,154	1,491
Total revenue, net of interest expense (FTE basis)			8,111		3,916	4,195
Provision for credit losses			760		42	718
Noninterest expense			4,328		2,449	1,879
Income before income taxes (FTE basis)			3,023		1,425	1,598
Income tax expense (FTE basis)			1,102		520	582
Net income		s	1,921	\$	905	\$ 1,016
Net interest yield (FTE basis)			3.35%		1.78%	4.30%
Return on average allocated capital (1)			22		30	18
Efficiency ratio (FTE basis)			53.36		62.56	44.78
Balance Sheet						
Average						
Total loans and leases	:	\$	253,602	\$	4,874	\$ 248,728
Total earning assets (2)			648,305		616,297	250,115
Total assets (2)			686,991		642,837	262,261
Total deposits			617,970		610,533	7,437
Allocated capital (1)			34,000		12,000	22,000
Period end						
Total loans and leases	:	\$	258,991	\$	4,938	\$ 254,053
Total earning assets (2)			662,704		631,172	255,511
Total assets (2)			702,339		658,316	268,002
Total deposits			632,790		625,727	7,063
				Third	Quarter 2016	
	_	Total	Consumer			Consumer

			Third (Quarter 2016	
	То	tal Consumer Banking	I	Deposits	Consumer Lending
Net interest income (FTE basis)	\$	5,289	\$	2,629	\$ 2,660
Noninterest income:					
Card income		1,218		2	1,216
Service charges		1,072		1,072	_
Mortgage banking income		297		_	297
All other income (loss)		92		98	(6)
Total noninterest income		2,679		1,172	1,507
Total revenue, net of interest expense (FTE basis)		7,968		3,801	4,167
Provision for credit losses		698		43	655
Noninterest expense		4,371		2,396	1,975
Income before income taxes (FTE basis)		2,899		1,362	1,537
Income tax expense (FTE basis)		1,086		510	576
Net income	<u>\$</u>	1,813	\$	852	\$ 961
Net interest yield (FTE basis)		3.30%		1.73 %	4.31 %
Return on average allocated capital (1)		21		28	17
Efficiency ratio (FTE basis)		54.86		63.03	47.40
Balance Sheet					
Average					
Total loans and leases	\$	248,683	\$	4,837	\$ 243,846
Total earning assets (2)		636,838		604,223	245,540
Total assets (2)		674,636		630,394	257,167
Total deposits		605,708		598,117	7,591
Allocated capital (1)		34,000		12,000	22,000
Period end					
Total loans and leases	\$	251,125	\$	4,810	\$ 246,315
Total earning assets (2)		648,978		616,853	248,233
Total assets (2)		687,247		643,025	260,330
Total deposits		618,030		610,752	7,278

For footnotes see page 21.

Consumer Banking Quarterly Results (continued)

(Dollars in millions)						
			Fourth	Quarter 2015		
	To	otal Consumer			С	onsumer
		Banking		Deposits	I	Lending
Net interest income (FTE basis)	\$	5,229	\$	2,551	\$	2,678
Noninterest income:						
Card income		1,313		2		1,311
Service charges		1,045		1,045		_
Mortgage banking income		215		_		215
All other income		209		129		80
Total noninterest income		2,782		1,176		1,606
Total revenue, net of interest expense (FTE basis)		8,011		3,727		4,284
Provision for credit losses		684		55		629
Noninterest expense		4,636		2,502		2,134
Income before income taxes (FTE basis)		2,691		1,170		1,521
Income tax expense (FTE basis)		955		417		538
Net income	\$	1,736	\$	753	\$	983
Net interest yield (FTE basis)		3.51%		1.80%		4.57%
Return on average allocated capital (1)		21		25		19
Efficiency ratio (FTE basis)		57.88		67.13		49.83
Balance Sheet						
Average						
Total loans and leases	\$	235,498	\$	4,652	\$	230,846
Total earning assets (2)		591,330		561,149		232,245
Total assets (2)		630,973		587,982		245,055
Total deposits		563,745		556,064		7,681
Allocated capital (1)		33,000		12,000		21,000
Period end						
Total loans and leases	\$	238,851	\$	4,735	\$	234,116
Total earning assets (2)		605,012		576,108		235,496
Total assets (2)		645,427		603,448		248,571
Total deposits		577,832		571,467		6,365

⁽¹⁾ Return on average allocated capital is calculated as net income, adjusted for cost of funds and earnings credits and certain expenses related to intangibles, divided by average allocated capital. Other companies may define or calculate these measures differently.

⁽²⁾ For presentation purposes, in segments or businesses where the total of liabilities and equity exceeds assets, the Corporation allocates assets from *All Other* to match the segments' and businesses' liabilities and allocated shareholders' equity. As a result, total earning assets and total assets of the businesses may not equal total *Consumer Banking*.

Bank of America Corporation and Subsidiaries Consumer Banking Key Indicators

(Dollars in millions)							
	Year I Decem		Fourth	Third	Second	First	Fourth
	2016	2015	Quarter 2016	Quarter 2016	Quarter 2016	Quarter 2016	Quarter 2015
Average deposit balances		2013		2010	2010	2010	2013
Checking	\$ 295,372	\$ 266,639	\$ 306,602	\$ 299,149	\$ 293,427	\$ 282,146	\$ 273,900
Savings	47,882	44,878	48,549	48,273	48,472	46,221	44,518
MMS	209,638	188,536	217,394	212,096	207,333	201,616	195,756
CDs and IRAs	43,955	50,085	42,592	43,420	44,378	45,451	46,791
Non-U.S. and other	2,807	2,738	2,833	2,770	2,864	2,762	2,780
Total average deposit balances	\$ 599,654	\$ 552,876	\$ 617,970	\$ 605,708	\$ 596,474	\$ 578,196	\$ 563,745
B. 7. 17.11							
Deposit spreads (excludes noninterest costs)	1.95%	1.000/	1.92%	1.040/	1.070/	1 000/	1.000/
Checking		1.99%		1.94%	1.97%	1.98%	1.98%
Savings MMS	2.25 1.24	2.30 1.23	2.21 1.22	2.24 1.23	2.26 1.24	2.28 1.24	2.29
	0.98		1.22				1.24
CDs and IRAs		0.60	·	1.03	0.92	0.81	0.69
Non-U.S. and other	0.83	0.47	1.00	0.87	0.80	0.67	0.54
Total deposit spreads	1.65	1.62	1.64	1.64	1.66	1.65	1.63
Client brokerage assets	\$ 144,696	\$ 122,721	\$ 144,696	\$ 137,985	\$ 131,698	\$ 126,921	\$ 122,721
Online banking active accounts (units in thousands)	33,811	31,674	33,811	33,722	33,022	32,647	31,674
Mobile banking active users (units in thousands)	21,648	18,705	21,648	21,305	20,227	19,595	18,705
Financial centers	4,579	4,726	4,579	4,629	4,681	4,689	4,726
ATMs	15,928	16,038	15,928	15,959	15,998	16,003	16,038
Total U.S. credit card ⁽¹⁾							
Loans							
Average credit card outstandings	\$ 87,905	\$ 88,244	\$ 89,521	\$ 88,210	\$ 86,705	\$ 87,163	\$ 88,623
Ending credit card outstandings	92,278	89,602	92,278	88,789	88,103	86,403	89,602
Credit quality	· -, ·	**,**=	7 = ,= 1 0			00,100	**,***
Net charge-offs	\$ 2,269	\$ 2,314	\$ 566	\$ 543	\$ 573	\$ 587	\$ 563
5	2.58%	2.62%	2.52%	2.45%	2.66%	2.71%	2.52%
30+ delinguency	\$ 1,595	\$ 1,575	\$ 1,595	\$ 1,459	\$ 1,388	\$ 1,448	\$ 1,575
	1.73%	1.76%	1.73%		1.58%	1.68%	1.76%
90+ delinquency	\$ 782	\$ 789	\$ 782	\$ 702	\$ 693	\$ 743	\$ 789
, ,	0.85%	0.88%	0.85%	0.79%	0.79%	0.86%	0.88%
Other Total U.S. credit card indicators (1)							
Gross interest yield	9.29%	9.16%	9.35%	9.30%	9.20%	9.32%	9.15%
Risk adjusted margin	9.04	9.31	9.20	9.11	8.79	9.05	9.79
New accounts (in thousands)	4,979	4,973	1,134	1,324	1,313	1,208	1,260
Purchase volumes	\$ 226,432	\$ 221,378	\$ 61,020	\$ 57,591	\$ 56,667	\$ 51,154	\$ 58,752
Debit card data							
Purchase volumes	\$ 285,612	\$ 277,695	\$ 73,296	\$ 71,049	\$ 72,120	\$ 69,147	\$ 70,755

For footnotes see page 23.

Consumer Banking Key Indicators (continued)

(Dollars in millions)																				
	_	Year Decer		31		Q	ourth Quarter		Ç	Third Quarter		Q	econd		Q	First		Q	ourth	
. (2)	_	2016	_	2015		l —	2016		_	2016		_	2016		_	2016		_	2015	-
Loan production (2):																				
Total ⁽³⁾ :		C 4 4 5 2		56.020			10.251		Φ.	16.065		Ф	16214		Φ.	10 (00		Φ.	10.540	
First mortgage	\$	64,153		\$ 56,930		\$	18,351		\$	16,865		\$	16,314		\$	12,623		\$	13,543	
Home equity		15,214		13,060			3,565			3,541			4,303			3,805			3,494	
Consumer Banking:																				
First mortgage	\$	44,510		\$ 40,878		\$	12,303		\$	11,588		\$	11,541		\$	9,078		\$	9,733	
Home equity		13,675		11,988			3,140			3,139			3,881			3,515			3,192	
Mantana and in a sight at fair and a superior and																				
Mortgage servicing rights at fair value rollforward:	S	2,680		\$ 3,271		6	2,012		ø	1,789		ø	2,152		ø	2,680		ø	2,699	
Balance, beginning of period	Э					\$	1		\$	1		\$	1		\$,		\$	- 1	
Net additions		87		33			(40)			45			25			57			49	
Amortization of expected cash flows (4)		(649)		(738)			(156)			(157)			(165)			(171)			(174)	
Other changes in mortgage servicing rights fair value (5)	_	161	_	114		_	463		_	335		_	(223)		_	(414)		_	106	-
Balance, end of period (6)	\$	2,279	_	\$ 2,680		\$	2,279		\$	2,012		\$	1,789		\$	2,152		\$	2,680	
Capitalized mortgage servicing rights (% of loans serviced for investors)		74 h	ps	71	bps		74	bps		60	bps		51	bps		58	bps		71	bps
Mortgage loans serviced for investors (in billions)	\$	307		\$ 378		\$	307		\$	336		\$	353		\$	368		\$	378	
Mortgage banking income																				
Consumer Banking mortgage banking income				0.50					Φ.	212		Ф	102		Φ.	120		Φ.	150	
Total production income	\$	663		\$ 950		\$	131		\$	212		\$	182		\$	138		\$	150	
Net servicing income		=00								4=0			4=0			404			• • •	
Servicing fees		708		855			166			179			179			184			201	
Amortization of expected cash flows (4)		(577)		(661)			(138)			(139)			(146)			(154)			(155)	
Fair value changes of MSRs, net of risk management activities used to hedge certain market risks (7)		166		188			47			45			52			22			20	
Total net servicing income		297	_	382			75			85			85			52			66	
Total Consumer Banking mortgage banking income		960		1,332			206			297			267			190			216	
Other mortgage banking income (8)			_																	
Other production income (9)		89		107			(23)			4			14			94			48	
Representations and warranties provision		(122)		28			46			(102)			(22)			(44)			(9)	,
Net servicing income																				
Servicing fees		450		538			107			106			119			118			123	
Amortization of expected cash flows (4)		(74)		(77)			(19)			(18)			(19)			(18)			(19))
Fair value changes of MSRs, net of risk management activities used to hedge certain market risks (7)		506		328			28			363			10			105			(31))
Total net servicing income	_	882	-	789		_	116			451			110			205			73	
Eliminations (10)		44		108			174			(61)			(57)			(12)			(66))
Total other mortgage banking income	_	893		1,032		l —	313		_	292		_	45		_	243		_	46	
Total consolidated mortgage banking income	\$	1,853	-	\$ 2,364		\$	519		\$	589		\$	312		\$	433		\$	262	
and the second s	Ě	-,	_	2,501		ľ	/		_			=	3.2		Ě	.55		=	202	:

⁽¹⁾ In addition to the U.S. credit card portfolio in *Consumer Banking*, the remaining U.S. credit card portfolio is in *GWIM*.

⁽²⁾ The above loan production amounts represent the unpaid principal balance of loans and in the case of home equity, the principal amount of the total line of credit.

⁽³⁾ In addition to loan production in *Consumer Banking*, there is also first mortgage and home equity loan production in *GWIM*.

⁽⁴⁾ Represents the net change in fair value of the MSR asset due to the recognition of modeled cash flows.

⁽⁵⁾ These amounts reflect the changes in modeled MSR fair value primarily due to observed changes in interest rates, periodic adjustments to the valuation model and changes in cash flow assumptions.

⁽⁶⁾ Does not include certain non-U.S. residential mortgage MSR balances, which are recorded in *Global Markets*.

^[7] Includes changes in fair value of MSRs due to changes in input and assumptions, net of risk management activities, and gains (losses) on sales of MSRs.

⁽⁸⁾ Amounts for other mortgage banking income are included in this Consumer Banking table to show the components of consolidated mortgage banking income.

⁽⁹⁾ Consists primarily of revenue from sales of repurchased loans that had returned to performing status.

⁽¹⁰⁾ Includes the effect of transfers of mortgage loans from Consumer Banking to the ALM portfolio included in All Other and net gains or losses on intercompany trades related to MSR risk management.

Global Wealth & Investment Management Segment Results

(Dollars in millions)					,		
	Year Decem	ber 31	Fourth Quarter	Third Quarter	Second Quarter	First Quarter	Fourth Quarter
	2016	2015	2016	2016	2016	2016	2015
Net interest income (FTE basis)	\$ 5,759	\$ 5,527	\$ 1,449	\$ 1,394	\$ 1,403	\$ 1,513	\$ 1,446
Noninterest income:							
Investment and brokerage services	10,316	10,792	2,597	2,585	2,598	2,536	2,639
All other income	1,575	1,715	331	400	424	420	393
Total noninterest income	11,891	12,507	2,928	2,985	3,022	2,956	3,032
Total revenue, net of interest expense (FTE basis)	17,650	18,034	4,377	4,379	4,425	4,469	4,478
Provision for credit losses	68	51	22	7	14	25	15
Noninterest expense	13,182	13,943	3,360	3,256	3,289	3,277	3,498
Income before income taxes (FTE basis)	4,400	4,040	995	1,116	1,122	1,167	965
Income tax expense (FTE basis)	1,629	1,473	361	419	420	429	342
Net income	\$ 2,771	\$ 2,567	\$ 634	\$ 697	\$ 702	\$ 738	\$ 623
Net interest yield (FTE basis)	2.09%	2.13%	2.09%	2.03%	2.06%	2.18%	2.13%
Return on average allocated capital (1)	21	21	19	21	22	23	21
Efficiency ratio (FTE basis)	74.68	77.32	76.74	74.36	74.32	73.33	78.13
Balance Sheet							
Average							
Total loans and leases	\$ 142,429	\$ 132,499	\$ 146,180	\$ 143,207	\$ 141,181	\$ 139,099	\$ 137,022
Total earning assets (2)	275,800	259,020	276,173	273,568	273,874	279,606	269,250
Total assets (2)	291,479	275,950	291,762	288,821	289,646	295,711	285,329
Total deposits	256,425	244,725	256,629	253,812	254,804	260,482	251,306
Allocated capital (1)	13,000	12,000	13,000	13,000	13,000	13,000	12,000
Period end							
Total loans and leases	\$ 148,179	\$ 139,039	\$ 148,179	\$ 144,980	\$ 142,633	\$ 139,690	\$ 139,039
Total earning assets (2)	283,152	279,597	283,152	274,289	270,974	280,118	279,597
Total assets (2)	298,932	296,271	298,932	289,795	286,846	296,200	296,271
Total deposits	262,530	260,893	262,530	252,962	250,976	260,565	260,893

Return on average allocated capital is calculated as net income, adjusted for cost of funds and earnings credits and certain expenses related to intangibles, divided by average allocated capital.

Other companies may define or calculate these measures differently.

Total earning assets and total assets include asset allocations to match liabilities (i.e., deposits) and allocated shareholders' equity.

Global Wealth & Investment Management Key Indicators

(Dollars in millions, except as noted)	Year Decen			1	Fourth	Third		Second		First		Fourth
	2016		2015	'	Quarter 2016	Quarter 2016		Quarter 2016		Quarter 2016	(Quarter 2015
Revenue by Business		_										
Merrill Lynch Global Wealth Management	\$ 14,486	\$	14,926	\$	3,600	\$ 3,617	\$	3,602	\$	3,667	\$	3,692
U.S. Trust	3,075		3,032		775	761		762		777		76
Other (1)	89		76		2	1		61		25		2:
Total revenue, net of interest expense (FTE basis)	\$ 17,650	\$	18,034	\$	4,377	\$ 4,379	\$	4,425	\$	4,469	\$	4,47
Client Balances by Business, at period end												
Merrill Lynch Global Wealth Management	\$ 2,102,176	\$	1,986,502	\$	2,102,176	\$ 2,089,683	\$	2,026,392	\$	1,998,145	\$	1,986,50
U.S. Trust	406,386		388,604		406,386	400,538		393,089		390,262		388,60
Other (1)	_		82,929		_	_		_		77,751		82,92
Total client balances	\$ 2,508,562	\$	2,458,035	\$	2,508,562	\$ 2,490,221	\$	2,419,481	\$	2,466,158	\$	2,458,03
Client Balances by Type, at period end												
Long-term assets under management (2)	\$ 886,148	\$	817,938	\$	886,148	\$ 871,026	\$	832,394	\$	812,916	\$	817,93
Liquidity assets under management (1, 3)	_		82,925		_	_		_		77,747		82,92
Assets under management	886,148	_	900,863		886,148	871,026	_	832,394	_	890,663	_	900,86
Brokerage assets	1,085,826		1,040,938		1,085,826	1,095,635		1,070,014		1,056,752		1,040,93
Assets in custody	123,066		113,239		123,066	122,804		120,505		115,537		113,23
Deposits	262,530		260,893		262,530	252,962		250,976		260,565		260,89
Loans and leases (4)	150,992		142,102		150,992	147,794		145,592		142,641		142,10
Total client balances	\$ 2,508,562	\$	2,458,035	\$	2,508,562	\$ 2,490,221	\$	2,419,481	\$	2,466,158	\$	2,458,03
Assets Under Management Rollforward												
Assets under management, beginning balance	\$ 900,863	\$	902,872	\$	871,026	\$ 832,394	\$	890,663	\$	900,863	\$	876,99
Net long-term client flows	38,572		34,441		18,934	10,182		10,055		(599)		6,74
Net liquidity client flows	(7,990)		6,133		_	_		(4,170)		(3,820)		4,81
Market valuation/other (1)	(45,297)		(42,583)		(3,812)	28,450		(64,154)		(5,781)		12,31
Total assets under management, ending balance	\$ 886,148	\$	900,863	\$	886,148	\$ 871,026	\$	832,394	\$	890,663	\$	900,86
Associates, at period end (5,6)												
Number of financial advisors	16,830		16,687		16,830	16,731		16,665		16,671		16,68
Total wealth advisors, including financial advisors	18,688		18,515		18,688	18,585		18,503		18,486		18,51
Total primary sales professionals, including financial advisors and wealth advisors	19,676		19,462		19,676	19,477		19,378		19,410		19,46
	,		,		,,,,	,,,,		,,,,,,,		,,,,,,		
Merrill Lynch Global Wealth Management Metric (6)												
Financial advisor productivity (7) (in thousands)	\$ 979	\$	1,024	\$	964	\$ 983	\$	984	\$	984	\$	99
U.S. Trust Metric, at period end (6)												
Primary sales professionals	1,678		1,595		1,678	1,657		1,642		1,595		1,59

⁽¹⁾ Includes the results of BofA Global Capital Management, the cash management division of Bank of America, and certain administrative items. Also includes the transfer to a third party of approximately \$80 billion of BofA Global Capital Management's AUM during the three months ended June 30, 2016.

Defined as assets under advisory and discretion of *GWIM* in which the duration of the investment strategy is longer than one year.

⁽³⁾ Defined as assets under advisory and discretion of *GWIM* in which the investment strategy seeks current income, while maintaining liquidity and capital preservation. The duration of these strategies is primarily less than one year.

⁽⁴⁾ Includes margin receivables which are classified in customer and other receivables on the Consolidated Balance Sheet.

⁽⁵⁾ Includes financial advisors in the Consumer Banking segment of 2,201, 2,179, 2,248, 2,259 and 2,187 at December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively.

⁽⁶⁾ Headcount computation is based upon full-time equivalents.

⁽⁷⁾ Financial advisor productivity is defined as annualized Merrill Lynch Global Wealth Management total revenue, excluding the allocation of certain ALM activities, divided by the total number of financial advisors (excluding financial advisors in the Consumer Banking segment).

Bank of America Corporation and Subsidiaries Global Banking Segment Results

(Dollars in millions)							
	Year l Decem	ber 31	Fourth Quarter	Third Quarter	Second Quarter	First Quarter	Fourth Quarter
	2016	2015	2016	2016	2016	2016	2015
Net interest income (FTE basis)	\$ 9,942	\$ 9,244	\$ 2,502	\$ 2,470	\$ 2,425	\$ 2,545	\$ 2,456
Noninterest income:							
Service charges	3,094	2,914	810	780	759	745	730
Investment banking fees	2,884	3,110	653	796	799	636	729
All other income	2,510	2,353	569	702	711	528	646
Total noninterest income	8,488	8,377	2,032	2,278	2,269	1,909	2,105
Total revenue, net of interest expense (FTE basis)	18,430	17,621	4,534	4,748	4,694	4,454	4,561
Provision for credit losses	883	686	13	118	199	553	232
Noninterest expense	8,486	8,481	2,037	2,151	2,126	2,172	2,085
Income before income taxes (FTE basis)	9,061	8,454	2,484	2,479	2,369	1,729	2,244
Income tax expense (FTE basis)	3,341	3,114	906	926	873	636	828
Net income	\$ 5,720	\$ 5,340	\$ 1,578	\$ 1,553	\$ 1,496	\$ 1,093	\$ 1,416
Net interest yield (FTE basis)	2.86%	2.90%	2.81%	2.83%	2.81%	3.00%	2.93%
Return on average allocated capital (1)	15	15	17	17	16	12	16
Efficiency ratio (FTE basis)	46.04	48.13	44.91	45.30	45.29	48.77	45.72
Balance Sheet							
Average							
Total loans and leases	\$ 333,820	\$ 303,907	\$ 337,827	\$ 334,363	\$ 334,396	\$ 328,643	\$ 318,699
Total earning assets (2)	347,489	318,977	353,693	347,462	347,347	341,386	332,022
Total assets (2)	396,705	369,001	403,564	395,423	395,997	391,774	381,887
Total deposits	304,101	294,733	314,133	306,198	298,805	297,134	307,806
Allocated capital (1)	37,000	35,000	37,000	37,000	37,000	37,000	35,000
Period end							
Total loans and leases	\$ 339,271	\$ 323,687	\$ 339,271	\$ 334,120	\$ 334,838	\$ 333,604	\$ 323,687
Total earning assets (2)	356,241	334,766	356,241	349,993	348,935	345,355	334,766
Total assets (2)	408,268	386,132	408,268	397,795	397,566	394,736	386,132
Total deposits	306,430	296,162	306,430	301,061	304,577	298,072	296,162

⁽¹⁾ Return on average allocated capital is calculated as net income, adjusted for cost of funds and earnings credits and certain expenses related to intangibles, divided by average allocated capital. Other companies may define or calculate these measures differently.

⁽²⁾ Total earning assets and total assets include asset allocations to match liabilities (i.e., deposits) and allocated shareholders' equity.

Bank of America Corporation and Subsidiaries Global Banking Key Indicators

(Dollars in millions)													
	Year Decer		· 31		Fourth Quarter	Third Quarter		rter Quarter			First Quarter		Fourth Quarter
I () (D) ((I)	2016	_	2015	-	2016	_	2016	_	2016	_	2016	_	2015
Investment Banking fees (1) Advisory (2)	0 1156	Φ.	1.254	0	2.42	0	20.5	0	212	0	205	6	255
Debt issuance	\$ 1,156	\$		\$		\$		\$		\$		\$	355
	1,407		1,296		347		405		390		265		265
Equity issuance	321	Φ.	460	_	63	•	96	_	96	_	66	_	109
Total Investment Banking fees (3)	\$ 2,884	\$	3,110	\$	653	\$	796	\$	799	\$	636	\$	729
Business Lending													
Corporate	\$ 4,285	\$	3,981	\$	1,016	\$	1,113	\$	1,102	\$	1,054	\$	1,056
Commercial	4,140		3,968		1,011		1,069		1,051		1,009		1,077
Business Banking	376		352		96		91		92		97		83
Total Business Lending revenue	\$ 8,801	\$	8,301	\$	2,123	\$	2,273	\$	2,245	\$	2,160	\$	2,216
Global Transaction Services													
Corporate	\$ 2,982	\$	2,793	\$	811	\$	741	\$	715	\$	715	\$	730
Commercial	2,718		2,649		682		671		663		702		694
Business Banking	739		703		190		182		180		187		188
Total Global Transaction Services revenue	\$ 6,439	\$	6,145	-\$	1,683	\$	1,594	\$	1,558	\$	1,604	\$	1,612
		_		=		=		=		=		=	
Average deposit balances													
Interest-bearing	\$ 70,271	\$	65,667	\$	73,108	\$	72,442	\$	69,761	\$	65,719	\$	66,227
Noninterest-bearing	233,830		229,066	_	241,025		233,756		229,044	_	231,415	_	241,579
Total average deposits	\$ 304,101	\$	294,733	\$	314,133	\$	306,198	\$	298,805	\$	297,134	\$	307,806
Loan spread	1.62%		1.65%		1.57%		1.63%		1.62%		1.67%		1.629
Provision for credit losses	\$ 883	\$	686	\$	13	\$	118	\$	199	\$	553	\$	232
Credit quality ^(4, 5)													
Reservable utilized criticized exposure	\$ 14,841	\$	14,397	\$	14,841	\$	15,460	\$	16,544	\$	16,923	\$	14,397
	4.08%		4.13%		4.08%		4.31%		4.59%		4.73%		4.13
Nonperforming loans, leases and foreclosed properties	\$ 1,528	\$	935	\$	1,528	\$	1,800	\$	1,450	\$	1,316	\$	935
, , , , , , , , , , , , , , , , , , ,	0.45%		0.29%		0.45%		0.54%		0.43%		0.40%		0.29
Average loans and leases by product													
U.S. commercial	\$ 190,418	\$	169,521	\$	194,692	\$	190,032	\$	190,273	\$	186,634	\$	179,224
Commercial real estate	48,870		45,435		48,741		48,714		49,120		48,908		48,521
Commercial lease financing	22,176		20,817		22,505		22,231		21,891		22,074		21,467
Non-U.S. commercial	72,349		68,119		71,887		73,384		73,105		71,015		69,472
Other	7		15		2		2		7		12		15
Total average loans and leases	\$ 333,820	\$	303,907	\$	337,827	\$	334,363	\$	334,396	\$	328,643	\$	318,699
Total Corporation Investment Banking fees													
Advisory (2)	\$ 1,269	\$	1,503	\$	262	\$	328	\$	333	\$	346	\$	408
Debt issuance	3,276		3,033		810		908		889		669		617
Equity issuance	864		1,236		183		261		232		188		286
Total investment banking fees including self-led deals	5,409	_	5,772	_	1,255		1,497		1,454		1,203		1,311
Self-led deals	(168)		(200)		(33)		(39)		(46)		(50)		(39)

^[1] Investment banking fees represent total investment banking fees for Global Banking inclusive of self-led deals and fees included within Business Lending.

27

⁽²⁾ Advisory includes fees on debt and equity advisory and mergers and acquisitions.

⁽³⁾ Investment banking fees represent only the fee component in *Global Banking* and do not include certain other items shared with the Investment Banking Group under internal revenue sharing agreements.

⁽⁴⁾ Criticized exposure corresponds to the Special Mention, Substandard and Doubtful asset categories defined by regulatory authorities. The reservable criticized exposure is on an end-of-period basis and is also shown as a percentage of total commercial utilized reservable criticized exposure, including loans and leases, standby letters of credit, financial guarantees, commercial letters of credit and bankers' acceptances.

⁽⁵⁾ Nonperforming loans, leases and foreclosed properties are on an end-of-period basis. The nonperforming ratio is nonperforming assets divided by loans, leases and foreclosed properties.

Investment Banking Product Rankings

		Year Ended December 31, 2016											
	Globa	ıl	U.S.										
	Product Ranking	Market Share	Product Ranking	Market Share									
Net investment banking revenue	3	6.0%	3	8.8%									
Announced mergers and acquisitions	4	19.1	4	26.1									
Equity capital markets	5	4.7	3	9.7									
Debt capital markets	3	5.8	2	9.7									
High-yield corporate debt	2	8.3	2	9.4									
Leveraged loans	1	8.8	1	11.2									
Mortgage-backed securities	2	10.3	4	11.8									
Asset-backed securities	3	8.1	3	12.3									
Convertible debt	5	5.6	4	8.3									
Common stock underwriting	5	4.6	3	9.9									
Investment-grade corporate debt	2	5.7	2	11.1									
Syndicated loans	2	9.4	2	12.7									

Source: Dealogic data as of January 1, 2017. Figures above include self-led transactions.

- · Rankings based on deal volumes except for net investment banking revenue rankings which reflect fees.
- Debt capital markets excludes loans but includes agencies.
- · Mergers and acquisitions fees included in investment banking revenues reflect 10 percent fee credit at announcement and 90 percent fee credit at completion as per Dealogic.
- Mergers and acquisitions volume rankings are for announced transactions and provide credit to all investment banks advising either side of the transaction.
- · Each advisor receives full credit for the deal amount unless advising a minor stakeholder.

Highlights

Global top 3 rankings in:

High-yield corporate debt	Investment-grade corporate debt	
Leveraged loans	Syndicated loans	
Mortgage-backed securities	Debt capital markets	
Asset-backed securities		

U.S. top 3 rankings in:	
High-yield corporate debt	Investment-grade corporate debt
Leveraged loans	Syndicated loans
Asset-backed securities	Equity capital markets
Common stock underwriting	Debt capital markets

Top 3 rankings excluding self-led deals:

Global: High-yield corporate debt, Leveraged loans, Mortgage-backed securities, Asset-backed securities, Investment-grade corporate debt, Syndicated loans, Debt capital markets

U.S.: High-yield corporate debt, Leveraged loans, Mortgage-backed securities, Asset-backed securities, Common stock underwriting, Investment-grade corporate debt, Syndicated loans, Equity capital markets, Debt capital markets

Bank of America Corporation and Subsidiaries Global Markets Segment Results

Part	(Dollars in millions)							
Note		Decen	iber 31	Quarter	Quarter	Quarter	Quarter	Fourth Quarter
Nominerest incomes 1,102	No.							
Investment and brokenge services		\$ 4,558	\$ 4,191	\$ 1,167	\$ 1,119	\$ 1,088	\$ 1,184	\$ 1,132
Procession Embanding fees								
Trading account profits 6,556 6,109 1,149 1,934 1,872 1,595 1,501 1,010 1,								518
Main character (1958)	Investment banking fees							532
Total nominterest income			*		*			797
Provision for credit losses	All other income (loss)	584		83	170	221	110	138
Nominterest expense		11,532	10,822	2,305	3,239	3,221	2,767	1,985
Nominterest expense 10,170 11,374 2,480 2,656 2,583 2,451 2,27 Income before income taxes (FTE basis) 5,889 3,540 984 1,683 1,713 1,491 2,72 Income tax expense (FTE basis) 2,072 1,117 326 60 618 519 5 Return on average allocated capital (**) 10 2,423 6.68 1,113 9,72 \$ 1 Ettic incorp vario (FTE basis) 10 7 7 12 12 12 2 8 Return on average allocated capital (**) 10 2,432 75.75 71.45 61.24 9,113 9,120 8 Return on average allocated capital (**) 10 2,432 75.75 71.45 61.24 9,112 11 2,122 8 Return on average allocated capital (**) 10 3,112 75.75 71.45 9.12 9.12 9.12 8 12.22 8 Ballace (**) 10 3,112 3,112 3,112 <td>Total revenue, net of interest expense (FTE basis) (1)</td> <td>16,090</td> <td>15,013</td> <td>3,472</td> <td>4,358</td> <td>4,309</td> <td>3,951</td> <td>3,117</td>	Total revenue, net of interest expense (FTE basis) (1)	16,090	15,013	3,472	4,358	4,309	3,951	3,117
Income before income taxes (FTE basis)	Provision for credit losses	31	99	8	19	(5)	9	30
Net income tax expense (FTE basis)	Noninterest expense	10,170	11,374	2,480	2,656	2,583	2,451	2,767
Net income 5.3,817 \$2,423 \$6.68 \$1,074 \$1,113 \$9.72 \$1.00 Return on average allocated capital (**) 10% 7% 7% 12% \$1.2% \$1.0%	Income before income taxes (FTE basis)	5,889	3,540	984	1,683	1,731	1,491	320
Return on average allocated capital 10	Income tax expense (FTE basis)	2,072	1,117	326	609	618	519	149
Efficiency ratio (FTE basis) 63.21 75.75 71.45 60.94 59.95 62.02 88.85 Balance Sheet Average Total trading-related assets (3) \$ 412,905 \$ 433,169 \$ 417,184 \$ 415,417 \$ 411,285 \$ 407,661 \$ 415,57 Total loans and leases 69,641 63,443 70,615 69,043 69,620 69,283 68.8 Total carning assets (3) 423,579 430,468 430,601 422,636 422,815 418,198 419,95 Total carning assets (3) 34,250 38,074 33,775 32,840 34,518 35,886 37,1 Allocated capital (3) 37,000 35,000 37,000<	Net income	\$ 3,817	\$ 2,423	\$ 658	\$ 1,074	\$ 1,113	\$ 972	\$ 171
Balance Sheet	Return on average allocated capital (2)	10%	7%	7%	12%	12%	11%	2%
Average Total trading-related assets (3) \$ 412,905 \$ 433,169 \$ 417,184 \$ 415,417 \$ 411,285 \$ 407,661 \$ 415,85 Total loans and leases 69,641 63,443 70,615 69,043 69,620 69,283 68,85 Total earning assets (3) 423,579 430,468 430,601 422,636 422,815 418,198 419,95 Total assets 585,342 594,057 595,276 584,069 580,701 581,226 586,06 Total deposits 34,250 38,074 33,775 32,840 34,518 35,886 37,1 Allocated capital (2) 37,000 35,000 37,000 <td>Efficiency ratio (FTE basis)</td> <td>63.21</td> <td>75.75</td> <td>71.45</td> <td>60.94</td> <td>59.95</td> <td>62.02</td> <td>88.76%</td>	Efficiency ratio (FTE basis)	63.21	75.75	71.45	60.94	59.95	62.02	88.76%
Total trading-related assets (3) \$ 412,905 \$ 433,169 \$ 417,184 \$ 415,417 \$ 411,285 \$ 407,661 \$ 415,8 \$ Total loans and leases 69,641 63,443 70,615 69,043 69,620 69,283 68,8	Balance Sheet							
Total loans and leases 69,641 63,443 70,615 69,043 69,620 69,283 68,8 Total earning assets (3) 423,579 430,468 430,601 422,636 422,815 418,198 419,5 Total assets 585,342 594,057 595,276 584,069 580,701 581,226 586,6 Total deposits 34,250 38,074 33,775 32,840 34,518 35,886 37,1 Allocated capital (2) 37,000 35,000 37,								
Total earning assets (3) 423,579 430,468 430,601 422,636 422,815 418,198 419,95 Total assets 585,342 594,057 595,276 584,069 580,701 581,226 586,605 Total deposits 34,250 38,074 33,775 32,840 34,518 35,886 37,15 Allocated capital (2) 37,000 35,000 37,000	Total trading-related assets (3)	\$ 412,905	\$ 433,169	\$ 417,184	\$ 415,417	\$ 411,285	\$ 407,661	\$ 415,856
Total assets 585,342 594,057 595,276 584,069 580,701 581,226 586,067 Total deposits 34,250 38,074 33,775 32,840 34,518 35,886 37,1 Allocated capital (2) 37,000 35,000 37,000 37,000 37,000 37,000 37,000 37,000 37,000 37,000 35,000 37,000<		69,641	63,443	70,615	69,043	69,620	69,283	68,835
Total deposits 34,250 38,074 33,775 32,840 34,518 35,886 37,1 Allocated capital (2) 37,000 35,000 37,000 37,000 37,000 37,000 37,000 35,000 37,000 37,000 37,000 37,000 37,000 35,000 37	Total earning assets (3)	423,579	430,468	430,601	422,636	422,815	418,198	419,977
Period end Sample 38,000 35,000 37,000	Total assets	585,342	594,057	595,276	584,069	580,701	581,226	586,606
Period end Total trading-related assets (3) \$ 380,562 \$ 373,926 \$ 380,562 \$ 417,517 \$ 405,037 \$ 408,223 \$ 373,55	Total deposits	34,250	38,074	33,775	32,840	34,518	35,886	37,175
Total trading-related assets (3) \$ 380,562 \$ 373,926 \$ 380,562 \$ 417,517 \$ 405,037 \$ 408,223 \$ 373,53 Total loans and leases 72,743 73,208 72,743 72,144 70,766 73,446 73,24 Total earning assets (3) 397,023 384,046 397,023 435,112 416,325 422,268 384,04 Total assets 566,060 548,790 566,060 595,165 577,428 581,150 548,7 Total deposits 34,927 37,038 34,927 31,692 33,506 34,403 37,0 Trading-related assets (average) Trading account securities \$ 185,135 \$ 195,650 \$ 188,729 \$ 185,047 \$ 187,931 \$ 195,650 Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,5 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,3 Derivative assets 50,769 54,519 46,614 52,325 50,654	Allocated capital (2)	37,000	35,000	37,000	37,000	37,000	37,000	35,000
Total loans and leases 72,743 73,208 72,743 72,144 70,766 73,446 73,2 Total earning assets (3) 397,023 384,046 397,023 435,112 416,325 422,268 384,046 Total assets 566,060 548,790 566,060 595,165 577,428 581,150 548,7 Total deposits 34,927 37,038 34,927 31,692 33,506 34,403 37,0 Trading-related assets (average) Trading account securities \$ 185,135 \$ 195,650 \$ 188,729 \$ 185,047 \$ 187,931 \$ 195,650 Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,5 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,3 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,6								
Total earning assets (3) 397,023 384,046 397,023 435,112 416,325 422,268 384,646 Total assets 566,060 548,790 566,060 595,165 577,428 581,150 548,76 Total deposits 34,927 37,038 34,927 31,692 33,506 34,403 37,038 Trading-related assets (average) Trading account securities \$ 185,135 \$ 195,650 \$ 188,729 \$ 185,047 \$ 187,931 \$ 195,650 Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,50 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,30 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,60	Total trading-related assets (3)	\$ 380,562	\$ 373,926	\$ 380,562	\$ 417,517	\$ 405,037	\$ 408,223	\$ 373,926
Total assets 566,060 548,790 566,060 595,165 577,428 581,150 548,7 Total deposits 34,927 37,038 34,927 31,692 33,506 34,403 37,0 Trading-related assets (average) Trading account securities \$ 185,135 \$ 195,650 \$ 188,729 \$ 185,785 \$ 178,047 \$ 187,931 \$ 195,650 Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,50 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,30 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,60	Total loans and leases	72,743	73,208	72,743	72,144	70,766	73,446	73,208
Total deposits 34,927 37,038 34,927 31,692 33,506 34,403 37,038 Trading-related assets (average) Trading account securities \$ 185,135 \$ 195,650 \$ 188,729 \$ 185,785 \$ 178,047 \$ 187,931 \$ 195,280 Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,50 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,30 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,60	Total earning assets (3)	397,023	384,046	397,023	435,112	416,325	422,268	384,046
Trading-related assets (average) Trading account securities \$ 185,135 \$ 195,650 \$ 188,729 \$ 185,785 \$ 178,047 \$ 187,931 \$ 195,650 Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,545 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,355 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,664	Total assets	566,060	548,790	566,060	595,165	577,428	581,150	548,790
Trading account securities \$ 185,135 \$ 195,650 \$ 188,729 \$ 185,785 \$ 178,047 \$ 187,931 \$ 195,283 Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,543 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,333 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,654	Total deposits	34,927	37,038	34,927	31,692	33,506	34,403	37,038
Reverse repurchases 89,715 103,506 91,198 89,435 92,805 85,411 86,5 Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,3 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,6	Trading-related assets (average)							
Securities borrowed 87,286 79,494 90,643 87,872 89,779 80,807 82,3 Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,6	Trading account securities	\$ 185,135	\$ 195,650	\$ 188,729	\$ 185,785	\$ 178,047	\$ 187,931	\$ 195,275
Derivative assets 50,769 54,519 46,614 52,325 50,654 53,512 51,654	Reverse repurchases	89,715	103,506	91,198	89,435	92,805	85,411	86,553
	Securities borrowed	87,286	79,494	90,643	87,872	89,779	80,807	82,385
Total trading-related assets (3) \$ 412,905 \$ 433,169 \$ 417,184 \$ 415,417 \$ 411,285 \$ 407,661 \$ 415,5	Derivative assets	50,769	54,519	46,614	52,325	50,654	53,512	51,643
	Total trading-related assets (3)	\$ 412,905	\$ 433,169	\$ 417,184	\$ 415,417	\$ 411,285	\$ 407,661	\$ 415,856

⁽¹⁾ Substantially all of Global Markets total revenue is sales and trading revenue and investment banking fees, with a small portion related to certain revenue sharing agreements with other business

segments. For additional sales and trading revenue information, see page 30.

(2) Return on average allocated capital is calculated as net income, adjusted for cost of funds and earnings credits and certain expenses related to intangibles, divided by average allocated capital. Other companies may define or calculate these measures differently.

(3) Trading-related assets include derivative assets, which are considered non-earning assets.

Bank of America Corporation and Subsidiaries Global Markets Key Indicators

2	Year Decem			[
2	1017		1		ourth uarter	(Third Quarter		Second Quarter		First Duarter		ourth uarter
	2016		2015	,	2016		2016		2016		2016		2015
\$	9,373	\$	7,869	\$	1,866	\$	2,646	\$	2,456	\$	2,405	\$	1,561
	4,017		4,335		945		954		1,081		1,037		874
\$	13,390	\$	12,204	\$	2,811	\$	3,600	\$	3,537	\$	3,442	\$	2,435
\$	9,611	\$	8,632	\$	1,964	\$	2,767	\$	2,615	\$	2,265	\$	1,751
	4,017		4,358		948		960		1,086		1,023		882
\$	13,628	\$	12,990	\$	2,912	\$	3,727	\$	3,701	\$	3,288	\$	2,633
\$	4,155	\$	3,816	\$	1,061	\$	1,024	\$	991	\$	1,079	\$	1,030
	2,071		2,196		510		485		517		559		510
	6,547		6,106		1,147		1,934		1,871		1,595		796
	617		86		93		157		158		209		99
\$	13,390	\$	12,204	\$	2,811	\$	3,600	\$	3,537	\$	3,442	\$	2,435
	\$ \$ \$	\$ 9,373 4,017 \$ 13,390 \$ 9,611 4,017 \$ 13,628 \$ 4,155 2,071 6,547 617	\$ 9,373 \$ 4,017 \$ 13,390 \$ \$ \$ 4,017 \$ \$ 13,628 \$ \$ \$ 2,071 6,547 617	\$ 9,373 \$ 7,869 4,017 4,335 \$ 13,390 \$ 12,204 \$ 9,611 \$ 8,632 4,017 4,358 \$ 13,628 \$ 12,990 \$ 4,155 \$ 3,816 2,071 2,196 6,547 6,106 617 86	\$ 9,373 \$ 7,869 \$ 4,017 4,335 \$ 13,390 \$ 12,204 \$ \$ \$ 4,017 4,358 \$ \$ 4,017 4,358 \$ \$ 13,628 \$ 12,990 \$ \$ \$ \$ 4,155 \$ 3,816 \$ 2,071 2,196 6,547 6,106 617 86	\$ 9,373 \$ 7,869 \$ 1,866 4,017 4,335 945 \$ 13,390 \$ 12,204 \$ 2,811 \$ 9,611 \$ 8,632 \$ 1,964 4,017 4,358 948 \$ 13,628 \$ 12,990 \$ 2,912 \$ 4,155 \$ 3,816 \$ 1,061 2,071 2,196 510 6,547 6,106 1,147 617 86 93	\$ 9,373 \$ 7,869 \$ 1,866 \$ 4,017 4,335 945 \$ 2,811 \$ \$ 13,390 \$ 12,204 \$ 2,811 \$ \$ \$ 4,017 4,358 948 \$ \$ 13,628 \$ 12,990 \$ 2,912 \$ \$ \$ \$ 4,155 \$ 3,816 \$ 1,061 \$ 2,071 2,196 510 6,547 6,106 1,147 617 86 93	\$ 9,373 \$ 7,869 \$ 1,866 \$ 2,646 \$ 4,017 4,335 945 954 \$ 2,811 \$ 3,600 \$ 13,390 \$ 12,204 \$ 2,811 \$ 3,600 \$ \$ 9,611 \$ 8,632 \$ 1,964 \$ 2,767 4,017 4,358 948 960 \$ 13,628 \$ 12,990 \$ 2,912 \$ 3,727 \$ \$ 4,155 \$ 3,816 \$ 1,061 \$ 1,024 2,071 2,196 510 485 6,547 6,106 1,147 1,934 617 86 93 157	\$ 9,373 \$ 7,869 \$ 1,866 \$ 2,646 \$ 954 \$ 13,390 \$ 12,204 \$ 2,811 \$ 3,600 \$ \$ 3,600 \$ \$ 3,600 \$ \$ 3,600 \$ \$ 3,600 \$ \$ 3,600 \$ \$ 3,600 \$ 3,60	\$ 9,373 \$ 7,869 \$ 1,866 \$ 2,646 \$ 2,456 4,017 4,335 945 954 1,081 \$ 13,390 \$ 12,204 \$ 2,811 \$ 3,600 \$ 3,537 \$ 9,611 \$ 8,632 \$ 1,964 \$ 2,767 \$ 2,615 4,017 4,358 948 960 1,086 \$ 13,628 \$ 12,990 \$ 2,912 \$ 3,727 \$ 3,701 \$ 4,155 \$ 3,816 \$ 1,061 \$ 1,024 \$ 991 2,071 2,196 510 485 517 6,547 6,106 1,147 1,934 1,871 617 86 93 157 158	\$ 9,373 \$ 7,869 \$ 1,866 \$ 2,646 \$ 2,456 \$ 4,017 4,335 945 954 1,081 \$ 13,390 \$ 12,204 \$ 2,811 \$ 3,600 \$ 3,537 \$ \$ 3,537 \$ \$ 3,537 \$ \$ 3,537 \$ \$ 3,537 \$ \$ 3,537 \$ \$ 3,537 \$ \$ 3,537 \$ 3,600 \$ 3,537 \$ 3,537 \$ 3,600 \$ 3,537 \$ 3,701 \$ 3,600	\$ 9,373 \$ 7,869 \$ 1,866 \$ 2,646 \$ 2,456 \$ 2,405 4,017 4,335 945 954 1,081 1,037 \$ 13,390 \$ 12,204 \$ 2,811 \$ 3,600 \$ 3,537 \$ 3,442 \$ 9,611 \$ 8,632 \$ 1,964 \$ 2,767 \$ 2,615 \$ 2,265 4,017 4,358 948 960 1,086 1,023 \$ 13,628 \$ 12,990 \$ 2,912 \$ 3,727 \$ 3,701 \$ 3,288 \$ 4,155 \$ 3,816 \$ 1,061 \$ 1,024 \$ 991 \$ 1,079 2,071 2,196 510 485 517 559 6,547 6,106 1,147 1,934 1,871 1,595 617 86 93 157 158 209	\$ 9,373 \$ 7,869 \$ 1,866 \$ 2,646 \$ 2,456 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 2,405 \$ 3,537 \$ 3,442 \$ 3,442 \$ 3,600 \$ 3,537 \$ 3,442

⁽¹⁾ Includes Global Banking sales and trading revenue of \$406 million and \$424 million for the years ended December 31, 2016 and 2015; \$69 million, \$57 million, \$120 million and \$160 million for the fourth, third, second and first quarters of 2016, respectively, and \$127 million for the fourth quarter of 2015.

⁽²⁾ For this presentation, sales and trading revenue excludes net debit valuation adjustment (DVA) gains (losses) which include net DVA on derivatives, as well as amortization of own credit portion of purchase discount and realized DVA on structured liabilities for all periods. Sales and trading revenue excluding net DVA gains (losses) represents a non-GAAP financial measure. We believe the use of this non-GAAP financial measure provides additional useful information to assess the underlying performance of these businesses and to allow better comparison of period-to-period operating performance.

All Other Results (1)

(Dollars in millions)									
		Year Ended December 31		Fourth Quarter	Third Quarter	Second Quarter	First Quarter	Fourth Quarter	
	_	2016		2015	 2016	2016	2016	2016	2015
Net interest income (FTE basis)	\$	447	\$	457	\$ (58)	\$ 157	\$ 218	\$ 130	\$ (352)
Noninterest income:									
Card income		189		260	45	46	54	44	61
Mortgage banking income		889		1,022	311	292	44	242	44
Gains (loss) on sales of debt securities		490		1,126	_	51	249	190	251
All other loss		(1,315)		(1,204)	(568)	(136)	(279)	(332)	(364)
Total noninterest income		253		1,204	(212)	253	68	144	(8)
Total revenue, net of interest expense (FTE basis)		700		1,661	(270)	410	286	274	(360)
Provision for credit losses		(100)		(21)	(29)	8	42	(121)	(151)
Noninterest expense		5,460		5,220	956	1,047	1,080	2,377	1,024
Loss before income taxes (FTE basis)		(4,660)		(3,538)	(1,197)	(645)	(836)	(1,982)	(1,233)
Income tax benefit (FTE basis)		(3,085)		(2,395)	(1,102)	(463)	(632)	(888)	(571)
Net income (loss)	\$	(1,575)	\$	(1,143)	\$ (95)	\$ (182)	\$ (204)	\$ (1,094)	\$ (662)
Balance Sheet									
Average									
Total loans and leases	\$	108,735	\$	144,506	\$ 100,172	\$ 105,298	\$ 111,552	\$ 118,051	\$ 126,102
Total assets (2)		248,064		300,997	230,446	246,541	256,795	258,688	295,712
Total deposits		28,131		25,452	28,441	28,628	28,690	26,757	26,019
Period end									
Total loans and leases (3)	\$	96,713	\$	122,198	\$ 96,713	\$ 102,639	\$ 107,794	\$ 113,782	\$ 122,198
Total assets (4)		212,103		267,667	212,103	225,312	256,656	247,342	267,667
Total deposits		24,257		25,334	24,257	29,150	27,575	26,421	25,334

⁽¹⁾ All Other consists of ALM activities, equity investments, the non-U.S. consumer credit card business, non-core mortgage loans and servicing activities, the net impact of periodic revisions to the MSR valuation model for both core and non-core MSRs, liquidating businesses, residual expense allocations and other. ALM activities encompass certain residential mortgages, debt securities, interest rate and foreign currency risk management activities, the impact of certain allocation methodologies and accounting hedge ineffectiveness. The results of certain ALM activities are allocated to our business segments. Equity investments include our merchant services joint venture as well as Global Principal Investments which is comprised of a portfolio of equity, real estate and other alternative investments. On December 20, 2016, the Corporation signed an agreement to sell its non-U.S. consumer credit card business to a third party. Subject to regulatory approval, this transaction is expected to close by mid-2017.

⁽²⁾ Includes elimination of segments' excess asset allocations to match liabilities (i.e., deposits) and allocated shareholders' equity of \$500.0 billion and \$463.4 billion for the years ended December 31, 2016 and 2015; \$506.5 billion, \$500.4 billion, \$499.5 billion, \$499.5 billion and \$474.1 billion for the fourth, third, second and first quarters of 2016, respectively, and the fourth quarter of 2015.

⁽³⁾ Includes \$9.2 billion of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

⁽⁴⁾ Includes elimination of segments' excess asset allocations to match liabilities (i.e., deposits) and allocated shareholders' equity of \$518.7 billion, \$508.5 billion, \$492.3 billion, \$510.0 billion and \$489.0 billion at December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively.

Outstanding Loans and Leases

(Dollars in millions)	December 31	September	30	December	31
	2016	2016		2015	
Consumer					
Residential mortgage (1)	\$ 191,79	7 \$ 187	,968	\$ 187	7,911
Home equity	66,44	3 68	,997	75	5,948
U.S. credit card	92,27	8 88	,789	89	9,602
Non-U.S. credit card	9,21	4 9	,258	ç	9,975
Direct/Indirect consumer (2)	94,08	9 93	,294	88	8,795
Other consumer (3)	2,49	9 2	,389	2	2,067
Total consumer loans excluding loans accounted for under the fair value option	456,32	0 450	,695	454	4,298
Consumer loans accounted for under the fair value option (4)	1,05	1 1	,768	1	1,871
Total consumer	457,37	1 452	,463	456	6,169
Commercial					
U.S. commercial (5)	283,36	5 280	,096	265	5,647
Commercial real estate (6)	57,35	5 57	,303	57	7,199
Commercial lease financing	22,37	5 21	,309	21	1,352
Non-U.S. commercial	89,39	7 83	,497	91	1,549
Total commercial loans excluding loans accounted for under the fair value option	452,49	2 446	,205	435	5,747
Commercial loans accounted for under the fair value option (4)	6,03	4 (,340	5	5,067
Total commercial	458,52	6 452	,545	440	0,814
less: Loans of business held for sale (7)	(9,21	4)	_		_
Total loans and leases	\$ 906,68	3 \$ 905	,008	\$ 896	6,983

⁽¹⁾ Includes pay option loans of \$1.8 billion, \$1.9 billion and \$2.3 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively. The Corporation no longer originates pay option loans.

(3) Includes consumer finance loans of \$465 million, \$489 million and \$564 million, consumer leases of \$1.9 billion, \$1.7 billion and \$1.4 billion and consumer overdrafts of \$157 million, \$151 million and \$146 million at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

⁽²⁾ Includes auto and specialty lending loans of \$48.9 billion, \$47.8 billion and \$42.6 billion, unsecured consumer lending loans of \$585 million, \$630 million and \$886 million, U.S. securities-based lending loans of \$40.1 billion, \$40.1 billion and \$39.8 billion, non-U.S. consumer loans of \$3.0 billion, \$3.1 billion and \$3.9 billion, student loans of \$497 million, \$514 million and \$564 million and other consumer loans of \$1.1 billion, \$1.1 billion and \$1.0 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

⁽⁴⁾ Consumer loans accounted for under the fair value option were residential mortgage loans of \$710 million, \$1.4 billion and \$1.6 billion and home equity loans of \$341 million, \$340 million and \$250 million at December 31, 2016, September 30, 2016 and December 31, 2015, respectively. Commercial loans accounted for under the fair value option were U.S. commercial loans of \$2.9 billion, \$2.6 billion and \$2.3 billion and non-U.S. commercial loans of \$3.1 billion, \$3.7 billion and \$2.8 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

⁽⁵⁾ Includes U.S. small business commercial loans, including card-related products, of \$13.0 billion, \$13.1 billion and \$12.9 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

⁽⁶⁾ Includes U.S. commercial real estate loans of \$54.3 billion, \$53.9 billion and \$53.6 billion and non-U.S. commercial real estate loans of \$3.1 billion, \$3.4 billion and \$3.5 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

⁽⁷⁾ Includes non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet

Quarterly Average Loans and Leases by Business Segment and All Other

(Dollars in millions)				Fourth Qu	arter 2016			
	Tota Corpor		Consumer Banking	GWIM	Global Banking	Global Markets		All Other
Consumer		1						
Residential mortgage		01,003	\$ 53,967	\$ 63,566	\$ 2	\$ <u> </u>	\$	73,468
Home equity		8,021	45,209	4,937	_	332		17,543
U.S. credit card		89,521	86,450	3,071	_	_		- 0.051
Non-U.S. credit card		9,051	40.020	44 179	_	_		9,051
Direct/Indirect consumer		3,527	48,839	44,178	_			510
Other consumer Total consumer		3,585	1,976 236,441	115,757		332	_	481 101,053
Commercial								
U.S. commercial	28	3,491	17,140	27,579	194,692	43,778		302
Commercial real estate		57,540	21	2,819	48,741	5,891		68
Commercial lease financing		21,436		3	22,505			(1,283)
Non-U.S. commercial		2,344	_	22	71,887	20,403		32
Total commercial		34,811	17,161	30,423	337,825			(881)
Total loans and leases (1)		8,396	\$ 253,602	\$ 146,180	\$ 337,827		\$	100,172
				Third Qua	arter 2016			
	Tota Corpora		Consumer Banking	GWIM	Global Banking	Global Markets		All Other
Consumer								
Residential mortgage	\$ 18	88,234	\$ 49,919	\$ 61,032	\$ —	\$ —	\$	77,283
Home equity	7	70,603	46,603	5,090	_	342		18,568
U.S. credit card		88,210	85,170	3,039	_	_		1
Non-U.S. credit card		9,256	_	_	_	_		9,256
Direct/Indirect consumer	9	2,870	48,099	44,242	1	_		528
Other consumer		2,358	1,850	4	1			503
Total consumer	45	51,531	231,641	113,407	2	342		106,139
Commercial			4= 040		400.000	10.05		
U.S. commercial		6,833	17,019	27,045	190,032			370
Commercial real estate		7,606	23	2,727	48,714			79
Commercial lease financing		21,194	_	3	22,231	248		(1,288)
Non-U.S. commercial		03,430	17.042	25	73,384		_	(2)
Total commercial Total loans and leases		19,063 00,594	\$ 248,683	29,800 \$ 143,207	\$ 334,361 \$ 334,363	\$ 69,043	\$	(841) 105,298
				Fourth Qu	arter 2015			
	Tota		Consumer	GWIM	Global	Global Markets		All Other
Consumer	Corpora	411011	Banking	O W IIVI	Banking	ivial KCIS	_	Juici
Residential mortgage	\$ 18	89,650	\$ 39,591	\$ 56,640	\$ 5	s —	\$	93,414
Home equity		77,109	48,973	5,647	4		Ψ	22,250
U.S. credit card		88,623	85,602	3,020				1
Non-U.S. credit card		0,155			_	_		10,155
Direct/Indirect consumer		87,858	43,129	44,147	4			578
Other consumer		2,039	1,452	6	2			579
Total consumer		55,434	218,747	109,460	15			126,977
Commercial								
U.S. commercial	26	51,727	16,729	25,114	179,224	40,326		334
Commercial real estate	5	6,126	23	2,222	48,521	5,228		132
Commercial lease financing	2	20,422	_	3	21,467			(1,345)
Non-U.S. commercial	9	2,447	(1)	223	69,472	22,749		4
Total commercial	43	30,722	16,751	27,562	318,684	68,600		(875)
Total loans and leases	\$ 88	86,156	\$ 235,498	\$ 137,022	\$ 318,699	\$ 68,835	\$	126,102

⁽¹⁾ Includes \$9.1 billion of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

Bank of America Corporation and Subsidiaries Commercial Credit Exposure by Industry (1, 2, 3, 4)

		(Comme	ercial Utilize	d		Total Commercial Committed							
	Dec	ember 31 2016		tember 30 2016	De	2015	De	cember 31 2016	September 30 2016	December 31 2015				
Diversified financials	\$	81,156	\$	76,639	\$	79,496	\$	124,535	\$ 122,795	\$ 128,436				
Real estate (5)		61,203		61,522		61,759		83,658	84,057	87,650				
Retailing		41,630		40,633		37,675		68,507	63,782	63,975				
Healthcare equipment and services		37,656		37,553		35,134		64,663	65,780	57,901				
Capital goods		34,278		34,364		30,790		64,202	63,478	58,583				
Government and public education		45,694		45,244		44,835		54,626	54,600	53,133				
Banking		39,877		39,533		45,952		47,799	46,644	53,825				
Materials		22,578		23,135		24,012		44,357	44,508	46,013				
Consumer services		27,413		26,778		24,084		42,523	41,982	37,058				
Energy		19,686		19,741		21,257		39,231	38,746	43,811				
Food, beverage and tobacco		19,669		19,771		18,316		37,145	39,181	43,164				
Commercial services and supplies		21,241		23,830		19,552		35,360	38,202	32,045				
Transportation		19,805		20,428		19,369		27,483	27,760	27,371				
Utilities		11,349		12,408		11,396		27,140	28,154	27,849				
Media		13,419		13,171		12,833		27,116	25,587	24,194				
Individuals and trusts		16,364		16,775		17,992		21,764	22,341	23,176				
Software and services		7,991		8,193		6,617		19,790	18,344	18,362				
Pharmaceuticals and biotechnology		5,539		6,037		6,302		18,910	25,162	16,472				
Technology hardware and equipment		7,793		8,564		6,337		18,429	19,965	24,734				
Telecommunication services		6,317		5,952		4,717		16,925	11,372	10,645				
Insurance, including monolines		7,406		6,041		5,095		13,936	12,250	10,728				
Automobiles and components		5,459		5,252		4,804		12,969	12,897	11,329				
Consumer durables and apparel		6,042		5,804		6,053		11,460	10,965	11,165				
Food and staples retailing		4,795		4,899		4,351		8,869	8,848	9,439				
Religious and social organizations		4,423		4,662		4,526		6,252	6,429	5,929				
Other		6,109		5,886		6,309		13,432	13,093	15,510				
Total commercial credit exposure by industry	\$	574,892	\$	572,815	\$	559,563	\$	951,081	\$ 946,922	\$ 942,497				
Net credit default protection purchased on total commitments (6)							\$	(3,477)	\$ (4,586)	\$ (6,677)				

⁽¹⁾ Includes loans and leases, standby letters of credit and financial guarantees, derivative assets, assets held-for-sale, commercial letters of credit, bankers' acceptances, securitized assets, foreclosed properties and other collateral acquired. Derivative assets are carried at fair value, reflect the effects of legally enforceable master netting agreements and have been reduced by cash collateral of \$43.3 billion, \$46.5 billion and \$41.9 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively. Not reflected in utilized and committed exposure is additional non-cash derivative collateral held of \$22.9 billion, \$25.3 billion and \$23.3 billion which consists primarily of other marketable securities at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

Total utilized and total committed exposure includes loans of \$6.0 billion, \$6.3 billion and \$5.1 billion and issued letters of credit with a notional amount of \$284 million, \$279 million and \$290 million accounted for under the fair value option at December 31, 2016, September 30, 2016 and December 31, 2015, respectively. In addition, total committed exposure includes unfunded loan commitments accounted for under the fair value option with a notional amount of \$6.7 billion, \$7.4 billion and \$10.6 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

⁽³⁾ Includes U.S. small business commercial exposure.

⁽⁴⁾ Includes the notional amount of unfunded legally binding lending commitments net of amounts distributed (e.g., syndicated or participated) to other financial institutions.

⁽⁵⁾ Industries are viewed from a variety of perspectives to best isolate the perceived risks. For purposes of this table, the real estate industry is defined based on the borrowers' or counterparties' primary business activity using operating cash flows and primary source of repayment as key factors.

⁽⁶⁾ Represents net notional credit protection purchased.

Net Credit Default Protection by Maturity (1)

	December 31 2016	September 30 2016
Less than or equal to one year	56%	53%
Greater than one year and less than or equal to five years	41	44
Greater than five years	3	3
Total net credit default protection	100%	100%

⁽¹⁾ To mitigate the cost of purchasing credit protection, credit exposure can be added by selling credit protection. The distribution of maturities for net credit default protection purchased is shown in this table.

Net Credit Default Protection by Credit Exposure Debt Rating (1)

(Dollars in millions)								
		December	September 30, 2016					
Ratings (2, 3)		Net Notional (4)	Percent of Total	Net Notional (4)	Percent of Total			
A	\$	(135)	3.9%	\$ (393)	8.6%			
BBB		(1,884)	54.2	(2,401)	52.4			
BB		(871)	25.1	(1,105)	24.1			
В		(477)	13.7	(632)	13.8			
CCC and below		(81)	2.3	(24)	0.5			
NR ⁽⁵⁾		(29)	0.8	(31)	0.6			
Total net credit default protection	<u>s</u>	(3,477)	100.0%	\$ (4.586)	100.0%			

⁽¹⁾ To mitigate the cost of purchasing credit protection, credit exposure can be added by selling credit protection. The distribution of debt rating for net notional credit default protection purchased is shown as a negative and the net notional credit protection sold is shown as a positive amount.

⁽²⁾ Ratings are refreshed on a quarterly basis.

⁽³⁾ Ratings of BBB- or higher are considered to meet the definition of investment grade.

⁽⁴⁾ Represents net credit default protection purchased.

⁽⁵⁾ NR is comprised of index positions held and any names that have not been rated.

Bank of America Corporation and Subsidiaries Top 20 Non-U.S. Countries Exposure

(Dollars in millions)

	aı	ded Loans nd Loan ivalents ⁽¹⁾	L	funded Loan nitments	Coun	Net terparty osure (2)	Otl	Other evestments (3)		Other estments (3)		nvestments (3)		Other		Other				Other		Country sposure at cember 31 2016	Cre	edges and edit Default otection (4)	Ex Dec	t Country posure at cember 31 2016 ⁽⁵⁾	(D Sept	from tember 30 2016
United Kingdom	\$	29,329	\$	13,105	\$	6,145	\$	3,823	\$	52,402	\$	(4,669)	\$	47,733	\$	(4,680)												
Germany		13,202		8,648		1,979		2,579		26,408		(4,030)		22,378		(6,608)												
Canada		6,722		7,159		2,023		3,803		19,707		(933)		18,774		329												
Japan		12,065		652		2,448		1,597		16,762		(1,751)		15,011		(966)												
Brazil		9,118		389		780		3,646		13,933		(267)		13,666		(669)												
China		9,230		722		714		949		11,615		(730)		10,885		(654)												
France		3,112		4,823		1,899		5,325	15,159		15,159			(4,465)		(4,465)		10,694		(2,233)								
Switzerland		4,050		5,999		499		507		11,055		(1,409)		9,646		2,947												
India		6,671		288		353		2,086		9,398		(170)		9,228		289												
Australia		4,792		2,685		559		1,249		9,285		(362)		8,923		495												
Hong Kong		6,425		156		441		520		7,542		(63)		7,479		(318)												
Netherlands		3,537		2,496		559		2,296		8,888		(1,490)		7,398		(272)												
South Korea		4,175		838		864		829		6,706		(600)		6,106		(482)												
Singapore		2,633		199		699		1,937		5,468		(50)		5,418		481												
Mexico		2,817		1,391		187		430		4,825		(341)		4,484		(456)												
Italy		2,329		1,036		577		1,246		5,188		(1,101)		4,087		(975)												
United Arab Emirates		2,104		139		570		27		2,840		(97)		2,743		(299)												
Turkey		2,695		50		69		58		2,872		(182)		2,690		(288)												
Spain		1,818		614		173		894		3,499		(953)		2,546		(2)												
Taiwan		1,417		33		341		317		2,108		(27)		2,081		79												
Total top 20 non-U.S. countries exposure	\$	128,241	\$	51,422	\$	21,879	\$	34,118	\$	235,660	\$	(23,690)	\$	211,970	\$	(14,282)												

⁽¹⁾ Includes loans, leases, and other extensions of credit and funds, including letters of credit and due from placements, which have not been reduced by collateral, hedges or credit default protection. Funded loans and loan equivalents are reported net of charge-offs but prior to any allowance for loan and lease losses.

⁽²⁾ Net counterparty exposure includes the fair value of derivatives, including the counterparty risk associated with credit default swaps, and secured financing transactions. Derivative exposures are presented net of \$31.5 billion in collateral, which is predominantly cash, pledged under legally enforceable master netting agreements. Secured financing transaction exposures are presented net of eligible cash or securities pledged as collateral. The notional amount of reverse repurchase transactions was \$140.4 billion. Counterparty exposure is not presented net of hedges or credit default protection.

⁽³⁾ Long securities exposures are netted on a single-name basis to, but not below, zero by short exposures and net credit default swaps purchased, consisting of single-name and net indexed and tranched credit default swaps.

⁽⁴⁾ Represents credit default protection purchased, net of credit default protection sold, which is used to mitigate the Corporation's risk to country exposures as listed, consisting of net single-name and net indexed and tranched credit default swaps. Amounts are calculated based on the credit default swaps notional amount assuming a zero recovery rate less any fair value receivable or payable.

⁽⁵⁾ Represents country exposure less hedges and credit default protection purchased, net of credit default protection sold.

Nonperforming Loans, Leases and Foreclosed Properties

(Dollars in millions)	December 31 2016		Sep	tember 30 2016		June 30 2016	N	March 31 2016		cember 31 2015
Residential mortgage	<u>s</u>	3,056	\$	3,341	\$	3,592	\$	3,976	\$	4,803
Home equity	φ	2,918	Ф	2,982	φ	3,085	φ	3,244	φ	3,337
Direct/Indirect consumer		28		26		27		26		24
Other consumer		2		1		1		1		1
Total consumer		6,004	_	6,350		6,705		7,247		8,165
U.S. commercial	_	1,256	_	1,439	_	1,349	_	1,236	_	867
Commercial real estate		72		60		84		91		93
Commercial lease financing		36		35		13		29		12
Non-U.S. commercial		279		400		144		165		158
	_	1,643	_	1,934	_	1,590	_	1,521	_	1,130
U.S. small business commercial		60		65		69		82		82
Total commercial		1,703		1,999		1,659	_	1,603		1,212
Total nonperforming loans and leases	_	7,707	_	8,349	_	8,364	_	8,850		9,377
Foreclosed properties (1)		377		388		435		431		459
Total nonperforming loans, leases and foreclosed properties (2,3,4)	\$	8,084	\$	8,737	\$	8,799	\$	9,281	\$	9,836
Fully-insured home loans past due 30 days or more and still accruing	\$	6,397	\$	6,844	\$	7,478	\$	8,207	\$	9,855
Consumer credit card past due 30 days or more and still accruing (5)		1,725		1,584		1,517		1,590		1,721
Other loans past due 30 days or more and still accruing		4,894		3,093		2,994		3,219		3,603
Total loans past due 30 days or more and still accruing (3, 6, 7)	\$	13,016	\$	11,521	\$	11,989	\$	13,016	\$	15,179
Fully-insured home loans past due 90 days or more and still accruing	\$	4,793	\$	5,117	\$	5,659	\$	6,334	\$	7,150
Consumer credit card past due 90 days or more and still accruing (8)		848		767		762		820		865
Other loans past due 90 days or more and still accruing		246		166		180		193		235
Total loans past due 90 days or more and still accruing (3, 6, 7)	\$	5,887	\$	6,050	\$	6,601	\$	7,347	\$	8,250
Nonperforming loans, leases and foreclosed properties/Total assets (9)		0.37%		0.40%		0.40%		0.43%		0.46%
Nonperforming loans, leases and foreclosed properties/Total loans, leases and foreclosed properties (9)		0.89		0.97		0.98		1.04		1.10
Nonperforming loans and leases/Total loans and leases (9)		0.85		0.93		0.94		0.99		1.05
Commercial utilized reservable criticized exposure (10)	\$	16,320	\$	16,938	\$	18,087	\$	18,577	\$	15,896
Commercial utilized reservable criticized exposure/Commercial utilized reservable exposure (10)		3.35%		3.52%		3.76%		3.87%		3.38%
Total commercial utilized criticized exposure/Commercial utilized exposure (10)		3.24		3.38		3.72		3.82		3.28

⁽¹⁾ Foreclosed property balances do not include properties insured by certain government-guaranteed loans, principally FHA-insured loans, that entered foreclosure of \$1.2 billion, \$1.3 billion, \$1.4 billion and \$1.4 billion at December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively.

⁽³⁾ Balances do not include purchased credit-impaired loans even though the customer may be contractually past due. Purchased credit-impaired loans were recorded at fair value upon acquisition and accrete interest income over the remaining life of the loan.

(4	⁴⁾ Balances do not include the following:	nber 31 016	September 30 2016	 June 30 2016	March 31 2016		nber 31 015
	Nonperforming loans held-for-sale	\$ 264	\$ 274	\$ 223	\$ 26	5	\$ 227
	Nonperforming loans accounted for under the fair value option	132	293	302	31	2	306
	Nonaccruing troubled debt restructured loans removed from the purchased credit-impaired portfolio prior to January 1, 2010	27	27	38	3	6	38

⁽⁵⁾ Includes \$130 million of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

⁽²⁾ Balances do not include past due consumer credit card, consumer loans secured by real estate where repayments are insured by the Federal Housing Administration and individually insured long-term stand-by agreements (fully-insured home loans), and in general, other consumer and commercial loans not secured by real estate.

⁽⁶⁾ Balances do not include loans held-for-sale past due 30 days or more and still accruing of \$261 million, \$18 million, \$13 million, \$3 million and \$24 million at December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively, and loans held-for-sale past due 90 days or more and still accruing of \$182 million at December 31, 2016, and \$0 for other periods presented. At December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, there were \$38 million, \$115 million, \$110 million, \$120 million and \$127 million, respectively, of loans accounted for under the fair value option past due 30 days or more and still accruing interest.

⁽⁷⁾ These balances are excluded from total nonperforming loans, leases and foreclosed properties.

⁽⁸⁾ Includes \$66 million of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet.

⁽⁹⁾ Total assets and total loans and leases do not include loans accounted for under the fair value option of \$7.1 billion, \$8.1 billion, \$8.7 billion, \$8.2 billion and \$6.9 billion at December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively.

⁽¹⁰⁾ Criticized exposure corresponds to the Special Mention, Substandard and Doubtful asset categories defined by regulatory authorities. The reservable criticized exposure excludes loans held-for-sale, exposure accounted for under the fair value option and other nonreservable exposure.

Nonperforming Loans, Leases and Foreclosed Properties Activity (1)

(Dollars in millions)										
	Q	ourth uarter 2016	Third Quarter 2016		Q	econd uarter 2016	Fii Qua 20	ırter	Q	ourth uarter 2015
Nonperforming Consumer Loans and Leases:										
Balance, beginning of period	\$	6,350	\$	6,705	\$	7,247	\$	8,165	\$	8,697
Additions to nonperforming loans and leases:										
New nonperforming loans and leases		911		831		799		951		1,027
Reductions to nonperforming loans and leases:										
Paydowns and payoffs		(190)		(220)		(252)		(133)		(214
Sales		(273)		(237)		(271)		(823)		(314
Returns to performing status (2)		(408)		(383)		(396)		(441)		(490
Charge-offs (3)		(269)		(279)		(334)		(395)		(450
Transfers to foreclosed properties		(62)		(67)		(88)		(77)		(91
Transfers to loans held-for-sale		(55)		_		_		_		_
Total net reductions to nonperforming loans and leases		(346)		(355)		(542)		(918)		(532
Total nonperforming consumer loans and leases, end of period		6,004		6,350		6,705		7,247		8,165
Foreclosed properties		363		372		416		421		444
Nonperforming consumer loans, leases and foreclosed properties, end of period	\$	6,367	\$	6,722	\$	7,121	\$	7,668	\$	8,609
Nonperforming Commercial Loans and Leases ⁽⁴⁾ : Balance, beginning of period	\$	1,999	\$	1,659	\$	1,603	\$	1,212	\$	1,102
Additions to nonperforming loans and leases:										
New nonperforming loans and leases		254		890		489		697		456
Advances		4		2		2		9		8
Reductions to nonperforming loans and leases:										
Paydowns		(226)		(267)		(211)		(120)		(133
Sales		(152)		(73)		(87)		(6)		(27
Return to performing status (5)		(90)		(101)		(29)		(47)		(32
Charge-offs		(84)		(102)		(106)		(142)		(162
Transfers to foreclosed properties		(2)		_		(2)		_		_
Transfers to loans held-for-sale		_		(9)		_		_		_
Total net additions (reductions) to nonperforming loans and leases		(296)		340		56		391		110
Total nonperforming commercial loans and leases, end of period		1,703		1,999		1,659		1,603		1,212
Foreclosed properties		14		16		19		10		15
Nonperforming commercial loans, leases and foreclosed properties, end of period	\$	1,717	\$	2,015	\$	1,678	\$	1,613	\$	1,227

⁽¹⁾ For amounts excluded from nonperforming loans, leases and foreclosed properties, see footnotes to Nonperforming Loans, Leases and Foreclosed Properties table on page 37.

⁽²⁾ Consumer loans and leases may be returned to performing status when all principal and interest is current and full repayment of the remaining contractual principal and interest is expected, or when the loan otherwise becomes well-secured and is in the process of collection. Certain troubled debt restructurings are classified as nonperforming at the time of restructuring and may only be returned to performing status after considering the borrower's sustained repayment performance for a reasonable period, generally six months.

Our policy is not to classify consumer credit card and non-bankruptcy related consumer loans not secured by real estate as nonperforming; therefore, the charge-offs on these loans have no impact on nonperforming activity and, accordingly, are excluded from this table.

Includes U.S. small business commercial activity. Small business card loans are excluded as they are not classified as nonperforming.

(5) Commercial loans and leases may be returned to performing status when all principal and interest is current and full repayment of the remaining contractual principal and interest is expected, or when the loan otherwise becomes well-secured and is in the process of collection. Troubled debt restructurings are generally classified as performing after a sustained period of demonstrated payment performance.

Quarterly Net Charge-offs and Net Charge-off Ratios (1,2)

(Dollars in millions)										
	Qı	ourth earter 016	Thi Quai 201	ter	Sec Qua 20		First Quarter 2016		Fou Quai 201	rter
Net Charge-offs	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
Residential mortgage (3)	\$ 2	-%	\$ 4	0.01%	\$ 34	0.07%	\$ 91	0.20%	\$ 73	0.15%
Home equity	70	0.41	97	0.55	126	0.70	112	0.60	193	0.99
U.S. credit card	566	2.52	543	2.45	573	2.66	587	2.71	563	2.52
Non-U.S. credit card (4)	41	1.80	43	1.83	46	1.85	45	1.85	46	1.78
Direct/Indirect consumer	43	0.19	34	0.14	23	0.10	34	0.15	29	0.13
Other consumer	53	8.57	57	9.74	47	8.40	48	9.07	54	10.63
Total consumer	775	_	778	0.69	849	0.76	917	0.82	958	0.84
U.S. commercial (5)	29	0.04	62	0.10	28	0.04	65	0.10	81	0.13
Commercial real estate	_	_	(23)	(0.16)	(2)	(0.01)	(6)	(0.04)	4	0.03
Commercial lease financing	2	0.05	6	0.11	15	0.30	(2)	(0.05)	1	0.02
Non-U.S. commercial	23	_	10	0.04	45	0.20	42	0.19	45	0.20
	54	0.05	55	0.05	86	0.08	99	0.09	131	0.13
U.S. small business commercial	51	_	55	1.67	50	1.55	52	1.64	55	1.68
Total commercial	105	0.09	110	0.10	136	0.12	151	0.14	186	0.17
Total net charge-offs	\$ 880	= 0.39	\$ 888	0.40	\$ 985	0.44	\$ 1,068	0.48	\$ 1,144	0.52
By Business Segment										
Consumer Banking	\$ 732	1.15%	\$ 710	1.14%	\$ 715	1.18%	\$ 739	1.25%	\$ 736	1.24%
Global Wealth & Investment Management	17	0.05	12	0.03	14	0.04	5	0.01	20	0.06
Global Banking	50	0.06	57	0.07	80	0.10	104	0.13	137	0.17
Global Markets	_	_	4	0.02	5	0.03	_	_	_	_
All Other (4)	81	0.33	105	0.41	171	0.63	220	0.76	251	0.80
Total net charge-offs	\$ 880	0.39	\$ 888	0.40	\$ 985	0.44	\$ 1,068	0.48	\$ 1,144	0.52

⁽¹⁾ Net charge-off ratios are calculated as annualized net charge-offs divided by average outstanding loans and leases excluding loans accounted for under the fair value option during the period for each loan and lease category. Excluding the purchased credit-impaired loan portfolio, total annualized net charge-offs as a percentage of total average loans and leases outstanding were 0.39, 0.40, 0.45, 0.49 and 0.53 for the three months ended December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively.

⁽²⁾ Excludes write-offs of purchased credit-impaired loans of \$70 million, \$83 million, \$105 million and \$82 million for the three months ended December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively. Including the write-offs of purchased credit-impaired loans, total annualized net charge-offs and purchased credit-impaired write-offs as a percentage of total average loans and leases outstanding were 0.42, 0.43, 0.48, 0.53 and 0.55 for the three months ended December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively.

⁽³⁾ Includes nonperforming loan sales charge-offs (recoveries) of \$(9) million, \$(7) million, \$0, \$42 million and \$(8) million for the three months ended December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015, respectively.

⁽⁴⁾ Represents net charge-offs of non-U.S. credit card loans recorded in *All Other*, which are included in assets of business held for sale on the Consolidated Balance Sheet at December 31, 2016.

⁽⁵⁾ Excludes U.S. small business commercial loans.

Bank of America Corporation and Subsidiaries Annual Net Charge-offs and Net Charge-off Ratios (1, 2)

(Dollars in millions)

Total net charge-offs

Year Ended December 31 2016 2015 Net Charge-offs Amount Percent Amount Percent Residential mortgage (3) \$ 131 473 0.24% 0.07% Home equity 405 0.57 636 0.79 U.S. credit card 2,269 2.58 2,314 2.62 Non-U.S. credit card (4) 175 1.83 188 1.86 Direct/Indirect consumer 134 112 0.15 0.13 Other consumer 205 8.95 193 9.96 3,916 3,319 Total consumer 0.74 0.84 U.S. commercial (5) 184 0.07 139 0.06 Commercial real estate (31) (0.05)(5) (0.01)21 9 0.05 Commercial lease financing 0.10 Non-U.S. commercial 120 0.06 0.13 294 197 0.05 0.07 U.S. small business commercial 208 1.60 225 1.71 Total commercial 502 0.11 422 0.10

By Business Segment					
Consumer Banking	\$	2,896	1.18% \$	3,000	1.29%
Global Wealth & Investment Management		48	0.03	72	0.05
Global Banking		291	0.09	194	0.06
Global Markets		9	0.01	_	_
All Other (4)		577	0.54	1,072	0.75
Total net charge-offs	<u>s</u>	3,821	0.43 \$	4.338	0.50

3,821

0.43

4,338

0.50

⁽¹⁾ Net charge-off ratios are calculated as net charge-offs divided by average outstanding loans and lease excluding loans accounted for under the fair value option during the period for each loan and lease category. Excluding the purchased credit-impaired loan portfolio, total net charge-offs as a percentage of total average loans and leases outstanding were 0.44 and 0.51 for the years ended December 31, 2016 and 2015.

⁽²⁾ Excludes write-offs of purchased credit-impaired loans of \$340 million and \$808 million for the years ended December 31, 2016 and 2015. Including the write-offs of purchased credit-impaired loans, total net charge-offs and purchased credit-impaired write-offs as a percentage of total average loans and leases outstanding were 0.47 and 0.59 for the years ended December 31, 2016 and 2015.

⁽³⁾ Includes nonperforming loan sales charge-offs (recoveries) of \$26 million and \$(127) million for the years ended December 31, 2016 and 2015.

⁽⁴⁾ Represents net charge-offs of non-U.S. credit card loans recorded in *All Other*, which are included in assets of business held for sale on the Consolidated Balance Sheet at December 31, 2016.

⁽⁵⁾ Excludes U.S. small business commercial loans.

Allocation of the Allowance for Credit Losses by Product Type

Timocation of the Timowance for	Cicuit	LUSSES	Dy 1	Toduct	- J I
(Dollars in millions)					

		December 3	1, 2016		September 30), 2016		, 2015	
Allowance for loan and lease losses	Amount	Percent of Total	Percent of Loans and Leases Outstanding (1, 2)	Amount	Percent of Total	Percent of Loans and Leases Outstanding (1, 2)	Amount	Percent of Total	Percent of Loans and Leases Outstanding (1, 2)
Residential mortgage	\$ 1,012	8.82%	0.53%	\$ 1,088	9.31%	0.58%	\$ 1,500	12.26%	0.80%
Home equity	1,738	15.14	2.62	1,901	16.26	2.75	2,414	19.73	3.18
U.S. credit card	2,934	25.56	3.18	2,857	24.44	3.22	2,927	23.93	3.27
Non-U.S.credit card	243	2.12	2.64	258	2.21	2.79	274	2.24	2.75
Direct/Indirect consumer	244	2.13	0.26	227	1.94	0.24	223	1.82	0.25
Other consumer	51	0.44	2.01	48	0.39	2.01	47	0.38	2.27
Total consumer	6,222	54.21	1.36	6,379	54.55	1.42	7,385	60.36	1.63
U.S. commercial (3)	3,326	28.97	1.17	3,427	29.31	1.22	2,964	24.23	1.12
Commercial real estate	920	8.01	1.60	915	7.83	1.60	967	7.90	1.69
Commercial lease financing	138	1.20	0.62	141	1.21	0.66	164	1.34	0.77
Non-U.S.commercial	874	7.61	0.98	830	7.10	0.95	754	6.17	0.82
Total commercial (4)	5,258	45.79	1.16	5,313	45.45	1.19	4,849	39.64	1.11
Allowance for loan and lease losses	11,480	100.00%	1.26	11,692	100.00%	1.30	12,234	100.00%	1.37
Less: Allowance included in assets of business held for sale (5)	(243)								
Adjusted Allowance for loan and lease losses	11,237			11,692			12,234		
Reserve for unfunded lending commitments	762			767			646		
Allowance for credit losses	\$ 11,999			\$ 12,459			\$ 12,880		

Asset Quality Indicators (5)

1.30%	1.37%
1 27	1.31
1.27	1.51
140	130
135	122
3.31	2.70
3.18	2.52
3.03	2.52
	135 3.31 3.18

Ratios are calculated as allowance for loan and lease losses as a percentage of loans and leases outstanding excluding loans accounted for under the fair value option. Consumer loans accounted for under the fair value option included residential mortgage loans of \$710 million, \$1.4 billion and \$1.6 billion and home equity loans of \$341 million, \$340 million and \$250 million at December 31, 2016, September 30, 2016 and December 31, 2015, respectively. Commercial loans accounted for under the fair value option included U.S. commercial loans of \$2.9 billion, \$2.6 billion and \$2.3 billion and non-U.S. commercial loans of \$3.1 billion, \$3.7 billion and \$2.8 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

(2) Total loans and leases do not include loans accounted for under the fair value option of \$7.1 billion, \$8.1 billion and \$6.9 billion at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

(4) Includes allowance for loan and lease losses for impaired commercial loans of \$273 million, \$258 million and \$217 million at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

⁵⁾ Indicators include \$243 million of non-U.S. credit card allowance and \$9.2 billion of non-U.S. credit card loans, which are included in assets of business held for sale on the Consolidated Balance Sheet at December 31, 2016.

Excludes valuation allowance on purchased credit-impaired loans of \$419 million, \$453 million and \$804 million at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

(8) Net charge-offs exclude \$70 million, \$83 million and \$82 million of write-offs in the purchased credit-impaired loan portfolio for the three months ended December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

³⁾ Includes allowance for loan and lease losses for U.S. small business commercial loans of \$416 million, \$444 million and \$507 million at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

Allowance for loan and lease losses includes \$4.0 billion, \$4.1 billion and \$4.5 billion allocated to products (primarily the Consumer Lending portfolios within *Consumer Banking* and purchased credit-impaired loans) that are excluded from nonperforming loans and leases at December 31, 2016, September 30, 2016 and December 31, 2015, respectively. Excluding these amounts, allowance for loan and lease losses as a percentage of total nonperforming loans and leases was 98 percent, 91 percent and 82 percent at December 31, 2016, September 30, 2016 and December 31, 2015, respectively.

Exhibit A: Non-GAAP Reconciliations

Bank of America Corporation and Subsidiaries Reconciliations to GAAP Financial Measures

(Dollars in millions)

The Corporation evaluates its business based on a fully taxable-equivalent basis, a non-GAAP financial measure. Total revenue, net of interest expense, includes net interest income on a fully taxable-equivalent basis and noninterest income. The Corporation believes that this presentation allows for comparison of amounts from both taxable and tax-exempt sources and is consistent with industry practices. The Corporation presents related ratios and analyses (i.e., efficiency ratios and net interest yield) on a fully taxable-equivalent basis. To derive the fully taxable-equivalent basis, net interest income is adjusted to reflect tax-exempt income on an equivalent before-tax basis with a corresponding increase in income tax expense. For purposes of this calculation, the Corporation uses the federal statutory tax rate of 35 percent. The efficiency ratio measures the costs expended to generate a dollar of revenue, and net interest yield measures the basis points the Corporation earns over the cost of funds.

The Corporation also evaluates its business based on the following ratios that utilize tangible equity, a non-GAAP financial measure. Tangible equity represents an adjusted shareholders' equity or common shareholders' equity amount which has been reduced by goodwill and intangible assets (excluding mortgage servicing rights), net of related deferred tax liabilities. Return on average tangible common shareholders' equity measures the Corporation's earnings contribution as a percentage of adjusted average common shareholders' equity. The tangible common equity ratio represents adjusted ending common shareholders' equity divided by total assets less goodwill and intangible assets (excluding mortgage servicing rights), net of related deferred tax liabilities. Return on average tangible shareholders' equity measures the Corporation's earnings contribution as a percentage of adjusted average total shareholders' equity. The tangible equity ratio represents adjusted ending shareholders' equity divided by total assets less goodwill and intangible assets (excluding mortgage servicing rights), net of related deferred tax liabilities. Tangible book value per common share represents adjusted ending common shareholders' equity divided by ending common shares outstanding. These measures are used to evaluate the Corporation's use of equity. In addition, profitability, relationship and investment models all use return on average tangible shareholders' equity as key measures to support our overall growth goals.

See the tables below and on page 43 for reconciliations of these non-GAAP financial measures to financial measures defined by GAAP for the years ended December 31, 2016 and 2015, and the three months ended December 31, 2016, September 30, 2016, June 30, 2016, March 31, 2016 and December 31, 2015. The Corporation believes the use of these non-GAAP financial measures provides additional clarity in understanding its results of operations and trends. Other companies may define or calculate supplemental financial data differently.

	Year Ended December 31			Quarter Qua			Third Quarter		Second Quarter	First Quarter			Fourth Quarter	
		2016		2015	l_	2016	_	2016		2016	_	2016	_	2015
Reconciliation of net interest income to net interest income on a fully taxable-equiv	alent	basis												
Net interest income	\$	41,096	\$	38,958	\$	10,292	\$	10,201	\$	10,118	\$	10,485	\$	9,686
Fully taxable-equivalent adjustment		900		889		234		228		223		215		225
Net interest income on a fully taxable-equivalent basis	\$	41,996	\$	39,847	\$	10,526	\$	10,429	\$	10,341	\$	10,700	\$	9,911
Reconciliation of total revenue, net of interest expense to total revenue, net of inter	est ex	pense on	a fu	lly taxable	e-equ	ivalent ba	<u>sis</u>							
Total revenue, net of interest expense	\$	83,701	\$	82,965	\$	19,990	\$	21,635	\$	21,286	\$	20,790	\$	19,582
Fully taxable-equivalent adjustment		900		889		234		228		223		215		225
Total revenue, net of interest expense on a fully taxable-equivalent basis	\$	84,601	\$	83,854	\$	20,224	\$	21,863	\$	21,509	\$	21,005	\$	19,807
Reconciliation of income tax expense to income tax expense on a fully taxable-equi-	valen	t basis												
Income tax expense	\$	7,247	\$	6,234	\$	1,359	\$	2,349	\$	2,034	\$	1,505	\$	1,478
Fully taxable-equivalent adjustment		900		889		234		228		223		215		225
Income tax expense on a fully taxable-equivalent basis	\$	8,147	\$	7,123	\$	1,593	\$	2,577	\$	2,257	\$	1,720	\$	1,703
Reconciliation of average common shareholders' equity to average tangible common	n sha	areholder	s' ec	uity	Ξ									
Common shareholders' equity	\$	241,621	\$	230,173	\$	245,139	\$	243,679	\$	240,376	\$	237,229	\$	234,800
Goodwill		(69,750)		(69,772)		(69,745)		(69,744)		(69,751)		(69,761)		(69,761)
Intangible assets (excluding mortgage servicing rights)		(3,382)		(4,201)		(3,091)		(3,276)		(3,480)		(3,687)		(3,888)
Related deferred tax liabilities		1,644		1,852		1,580		1,628		1,662		1,707		1,753
Tangible common shareholders' equity	\$	170,133	\$	158,052	\$	173,883	\$	172,287	\$	168,807	\$	165,488	\$	162,904
Reconciliation of average shareholders' equity to average tangible shareholders' eq	uity													
Shareholders' equity	\$	266,277	\$	251,981	\$	270,360	\$	268,899	\$	265,354	\$	260,423	\$	257,074
Goodwill		(69,750)		(69,772)		(69,745)		(69,744)		(69,751)		(69,761)		(69,761)
Intangible assets (excluding mortgage servicing rights)		(3,382)		(4,201)		(3,091)		(3,276)		(3,480)		(3,687)		(3,888)
Related deferred tax liabilities		1,644		1,852		1,580		1,628		1,662		1,707		1,753
Tangible shareholders' equity	\$	194,789	\$	179,860	\$	199,104	\$	197,507	\$	193,785	\$	188,682	\$	185,178

Exhibit A: Non-GAAP Reconciliations (continued)

Bank of America Corporation and Subsidiaries

Reconciliations to GAAP Financial Measures

(Dollars in millions)							
	Year l Decem		Fourth Quarter	Third	Second	First	Fourth
	2016	2016 2015		Quarter 2016	Quarter 2016	Quarter 2016	Quarter 2015
Reconciliation of period-end common shareholders' equity to period-end tan	ngible common share	nolders' equity					
Common shareholders' equity	\$ 241,620	\$ 233,903	\$ 241,620	\$ 244,863	\$ 242,206	\$ 238,662	\$ 233,903
Goodwill	(69,744)	(69,761)	(69,744)	(69,744)	(69,744)	(69,761)	(69,761)
Intangible assets (excluding mortgage servicing rights)	(2,989)	(3,768)	(2,989)	(3,168)	(3,352)	(3,578)	(3,768)
Related deferred tax liabilities	1,545	1,716	1,545	1,588	1,637	1,667	1,716
Tangible common shareholders' equity	\$ 170,432	\$ 162,090	\$ 170,432	\$ 173,539	\$ 170,747	\$ 166,990	\$ 162,090
Reconciliation of period-end shareholders' equity to period-end tangible sha	reholders' equity						
Shareholders' equity	\$ 266,840	\$ 256,176	\$ 266,840	\$ 270,083	\$ 267,426	\$ 263,004	\$ 256,176
Goodwill	(69,744)	(69,761)	(69,744)	(69,744)	(69,744)	(69,761)	(69,761)
Intangible assets (excluding mortgage servicing rights)	(2,989)	(3,768)	(2,989)	(3,168)	(3,352)	(3,578)	(3,768)
Related deferred tax liabilities	1,545	1,716	1,545	1,588	1,637	1,667	1,716
Tangible shareholders' equity	\$ 195,652	\$ 184,363	\$ 195,652	\$ 198,759	\$ 195,967	\$ 191,332	\$ 184,363
Reconciliation of period-end assets to period-end tangible assets							
Assets	\$2,187,702	\$2,144,287	\$2,187,702	\$2,195,314	\$2,186,966	\$2,185,726	\$2,144,287
Goodwill	(69,744)	(69,761)	(69,744)	(69,744)	(69,744)	(69,761)	(69,761)
Intangible assets (excluding mortgage servicing rights)	(2,989)	(3,768)	(2,989)	(3,168)	(3,352)	(3,578)	(3,768)
Related deferred tax liabilities	1,545	1,716	1,545	1,588	1,637	1,667	1,716
Tangible assets	\$2,116,514	\$2,072,474	\$2,116,514	\$2,123,990	\$2,115,507	\$2,114,054	\$2,072,474
Tangible assets	\$2,116,514	\$2,072,474	\$2,116,514	\$2,123,990	\$2,115,507	\$2,114,054	\$2,072,4