UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE **SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of earliest event reported): April 1, 2019

BANK OF AMERICA CORPORATION

(Exact name of registrant as specified in its charter)

	Delaware	1-6523	56-0906609
	(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)
		400 75 - 14 75 - 0.	
		100 North Tryon Street Charlotte, North Carolina 28255	
		(Address of principal executive offices)	
		• •	
		(704) 386-5681 (Registrant's telephone number, including area code)	
		(Registrant's telephone number, including area code)	
		Not Applicable	
	(Fe	ormer name or former address, if changed since last report)	
Che	eck the appropriate box below if the Form 8-K filing is inte	ended to simultaneously satisfy the filing obligation of	the registrant under any of the following provisions:
	Written communications pursuant to Rule 425 under the S	Securities Act (17 CFR 230.425)	
	Soliciting material pursuant to Rule 14a-12 under the Exc	change Act (17 CFR 240.14a-12)	
	Pre-commencement communications pursuant to Rule 14	d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)))
	Pre-commencement communications pursuant to Rule 13	e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR 230.405) or Rule 12b-2

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised

of the Securities Exchange Act of 1934 (17 CFR 240.12b-2).

financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

ITEM 7.01. REGULATION FD DISCLOSURE.

Effective January 1, 2019, Bank of America Corporation (the "Corporation") made certain financial reporting changes and reclassifications. These changes and reclassifications were adopted on a retrospective basis. The changes and reclassifications reflect changes to both the format of the Consolidated Statement of Income and segment allocations.

Highlights of the financial reporting changes and reclassifications include:

Format-driven changes:

- The net interest income and noninterest income sections are presented in fewer line items; the level of detail as historically presented will continue to be included in the Notes to the Consolidated Financial Statements.
- The noninterest expense section has been updated to enhance its functional alignment, including changes to certain of the captions.

Segment allocation and other changes:

- Interest expense on structured notes has been reclassified from interest expense to trading account income, consistent with how other changes in the fair value of these instruments are recognized. Further, certain other immaterial reclassifications have been made.
- The methodologies used for allocating funding costs, credits and expenses related to asset and liability management activities have been further refined, certain financing costs have been reattributed from All Other to Global Wealth & Investment Management and the methodology for allocating certain payroll taxes has been further refined.

Management believes these reporting changes result in a more relevant presentation of the Corporation's consolidated and business segment results.

Financial information for all prior periods presented herein has been updated to reflect the changes and reclassifications. The Corporation's consolidated net income as reported for all prior periods in its 2018 Annual Report on Form 10-K is unchanged.

The information in this Form 8-K is being furnished to assist investors in understanding how the Corporation's results would have been presented in previously filed reports had such financial statements been reported consistent with the changes and reclassifications.

The Revised Supplemental Information to Reflect Certain Financial Reporting Changes, including the Consolidated Statements of Income, Average Balances and Interest Rates schedules, and segment financial information for 2018, 2017 and 2016, and the quarterly periods in 2018 and 2017; and certain other financial information is attached hereto as Exhibit 99.1. This Revised Supplemental Information to Reflect Certain Financial Reporting Changes is being furnished pursuant to Item 7.01, and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall the Revised Supplemental Information be deemed incorporated by reference into any filings under the Securities Act of 1933, as amended.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(d) Exhibits.

99.1

Exhibit 99.1 is furnished herewith.

EXHIBIT NO. DESCRIPTION OF EXHIBIT

Revised Supplemental Information to Reflect Certain Financial Reporting Changes

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Corporation has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BANK OF AMERICA CORPORATION

By: /s/ Rudolf A. Bless

Rudolf A. Bless

Chief Accounting Officer

Dated: April 1, 2019



Revised Supplemental Information to Reflect Certain Financial Reporting Changes

This information is preliminary and based on company data available at the time of the Form 8-K filing. It speaks only as of the particular date or dates included in the accompanying pages. Bank of America Corporation (the Corporation) does not undertake an obligation to, and disclaims any duty to, update any of the information provided.

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Description of Financial Reporting Changes and Reclassifications

Effective January 1, 2019, Bank of America Corporation (the "Corporation") made certain financial reporting changes and reclassifications. These changes and reclassifications were adopted on a retrospective basis. The changes and reclassifications reflect changes to both the format of the Consolidated Statement of Income and segment allocations.

Highlights of the financial reporting changes and reclassifications include:

Format-driven changes:

- The net interest income and noninterest income sections are presented in fewer line items; the level of detail as historically presented will continue to be included in the Notes to the Consolidated Financial Statements and is also included on page 4.
- The noninterest expense section has been updated to enhance its functional alignment, including changes to certain of the captions.

Segment allocation and other changes:

- Interest expense on structured notes has been reclassified from interest expense to trading account income, consistent with how other changes in the fair value of these instruments are recognized. Further, certain other immaterial reclassifications have been made.
- The methodologies used for allocating funding costs, credits and expenses related to asset and liability management (ALM) activities have been further refined, certain financing costs have been reattributed from *All Other* to *Global Wealth & Investment Management (GWIM)* and the methodology for allocating certain payroll taxes has been further refined.

Management believes these reporting changes result in a more relevant presentation of the Corporation's consolidated and business segment results.

Financial information for all prior periods presented herein has been updated to reflect the changes and reclassifications. The Corporation's consolidated net income as reported for all prior periods in its 2018 Annual Report on Form 10-K is unchanged.

Business Segment Operations

The Corporation reports the results of operations of its four business segments and *All Other* on a fully-taxable equivalent (FTE) basis. Additionally, the results for the total Corporation as presented on pages 14-19 are reported on an FTE basis.

Consolidated Financial Highlights

In millions, except per share information)		Year Ended December 31									
	2018	2017	2016	Fourth Quarter 2018	Third Quarter 2018	Second Quarter 2018	First Quarter 2018	Fourth Quarter 2017	Third Quarter 2017	Second Quarter 2017	First Quarter 2017
ncome statement											
Net interest income	\$ 48,162	\$ 45,239	\$ 41,486	\$ 12,504	\$ 12,061	\$ 11,828	\$ 11,769	\$ 11,618	\$ 11,300	\$ 11,135	\$ 11,186
Noninterest income	42,858	41,887	42,012	10,173	10,663	10,721	11,301	8,763	10,479	11,637	11,008
Total revenue, net of interest expense	91,020	87,126	83,498	22,677	22,724	22,549	23,070	20,381	21,779	22,772	22,194
Provision for credit losses	3,282	3,396	3,597	905	716	827	834	1,001	834	726	835
Noninterest expense	53,154	54,517	54,880	13,074	13,014	13,224	13,842	13,219	13,334	13,925	14,039
Income tax expense	6,437	10,981	7,199	1,420	1,827	1,714	1,476	3,796	2,187	3,015	1,983
Net income	28,147	18,232	17,822	7,278	7,167	6,784	6,918	2,365	5,424	5,106	5,337
Preferred stock dividends	1,451	1,614	1,682	239	466	318	428	286	465	361	502
Net income applicable to common shareholders	26,696	16,618	16,140	7,039	6,701	6,466	6,490	2,079	4,959	4,745	4,835
Diluted earnings per common share	2.61	1.56	1.49	0.70	0.66	0.63	0.62	0.20	0.46	0.44	0.45
Average diluted common shares issued and outstanding	10,236.9	10,778.4	11,046.8	9,996.0	10,170.8	10,309.4	10,472.7	10,621.8	10,746.7	10,834.8	10,919.7
Dividends paid per common share	\$ 0.54	\$ 0.39	\$ 0.25	\$ 0.15	\$ 0.15	\$ 0.12	\$ 0.12	\$ 0.12	\$ 0.12	\$ 0.075	\$ 0.075
Performance ratios											
Return on average assets	1.21%	0.80%	0.81%	1.24%	1.23%	1.17%	1.21%	0.41%	0.95%	0.90%	0.97%
Return on average common shareholders' equity	11.04	6.72	6.69	11.57	10.99	10.75	10.85	3.29	7.89	7.75	8.09
Return on average shareholders' equity	10.63	6.72	6.70	10.95	10.74	10.26	10.57	3.43	7.88	7.56	8.09
Return on average tangible common shareholders' equity (1)	15.55	9.41	9.51	16.29	15.48	15.15	15.26	4.56	10.98	10.87	11.44
Return on average tangible shareholders' equity (1)	14.46	9.08	9.17	14.90	14.61	13.95	14.37	4.62	10.59	10.23	11.01
Efficiency ratio	58.40	62.57	65.72	57.65	57.27	58.65	60.00	64.86	61.23	61.15	63.25
At period end											
Book value per share of common stock	\$ 25.13	\$ 23.80	\$ 23.97	\$ 25.13	\$ 24.33	\$ 24.07	\$ 23.74	\$ 23.80	\$ 23.87	\$ 24.85	\$ 24.34
Tangible book value per share of common stock (1)	17.91	16.96	16.89	17.91	17.23	17.07	16.84	16.96	17.18	17.75	17.22
Market capitalization	238,251	303,681	222,163	238,251	290,424	282,259	305,176	303,681	264,992	239,643	235,291
Number of financial centers - U.S.	4,341	4,477	4,582	4,341	4,385	4,433	4,452	4,477	4,515	4,546	4,562
Number of branded ATMs - U.S.	16,255	16,039	15,928	16,255	16,089	16,050	16,011	16,039	15,973	15,972	15,939
Headcount	204,489	209,376	210,673	204,489	204,681	207,992	207,953	209,376	209,839	210,904	210,533

⁽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 page 28.)

Consolidated Statement of Income

(In millions, except per share information)																						
				ear Ended cember 31																		
		2018		2017		2016	For	orth Quarter 2018		d Quarter 2018	Q	Second uarter 2018	Fir	st Quarter 2018	Fo	urth Quarter 2017	Th	ird Quarter 2017		Second arter 2017	Fir	st Quarter 2017
Net interest income						<u> </u>																
Interest income	\$	66,769	s	57,579	s	51,057	\$	17,836	s	16,965	\$	16,369	\$	15,599	\$	15,066	\$	14,657	s	14,146	s	13,710
Interest expense		18,607		12,340		9,571		5,332		4,904		4,541		3,830		3,448		3,357		3,011		2,524
Net interest income		48,162		45,239		41,486		12,504		12,061		11,828		11,769		11,618		11,300		11,135		11,186
Noninterest income																						
Fees and commissions		33,078		33,341		31,876		8,345		8,076		8,317		8,340		8,395		8,251		8,381		8,314
Trading account income		7,869		6,770		6,582		1,448		1,717		2,151		2,553		1,012		1,714		1,824		2,220
Other income (loss)		1,911		1,776	_	3,554	_	380	_	870	_	253		408	_	(644)	_	514		1,432		474
Total noninterest income		42,858		41,887	_	42,012	_	10,173	_	10,663	_	10,721		11,301	_	8,763	_	10,479		11,637	_	11,008
Total revenue, net of interest expense		91,020		87,126		83,498		22,677		22,724		22,549		23,070		20,381		21,779		22,772		22,194
Provision for credit losses		3,282		3,396		3,597		905		716		827		834		1,001		834		726		835
		-,		-,		2,27										2,002						
Noninterest expense																						
Compensation and benefits		31,880		31,931		32,018		7,735		7,721		7,944		8,480		7,605		7,811		8,040		8,475
Occupancy and equipment		6,380		6,264		6,395		1,593		1,589		1,591		1,607		1,572		1,554		1,564		1,574
Information processing and communications		4,555		4,530		4,447		1,156		1,113		1,121		1,165		1,132		1,120		1,120		1,158
Product delivery and transaction related		2,857		3,041		2,970		708		687		706		756		783		753		746		759
Professional fees		1,699		1,888		1,971		480		439		399		381		471		476		485		456
Marketing		1,674		1,746		1,703		513		421		395		345		511		461		442		332
Other general operating		4,109		5,117		5,376		889		1,044		1,068		1,108		1,145		1,159		1,528		1,285
Total noninterest expense		53,154		54,517		54,880		13,074		13,014		13,224		13,842		13,219		13,334		13,925		14,039
Income before income taxes		34,584		29,213		25,021		8,698		8,994		8,498		8,394		6,161		7,611		8,121		7,320
Income tax expense		6,437		10,981		7,199		1,420		1,827		1,714		1,476		3,796		2,187		3,015		1,983
Net income	\$	28,147	s	18,232	s	17,822	\$	7,278	s	7,167	\$	6,784	\$	6,918	\$	2,365	\$	5,424	s	5,106	s	5,337
Preferred stock dividends		1,451		1,614		1,682		239		466		318		428		286		465		361		502
Net income applicable to common shareholders	S	26,696	s	16,618	s	16,140	\$	7,039	S	6,701	\$	6,466	\$	6,490	\$	2,079	\$	4,959	\$	4,745	s	4,835
Per common share information																						
Earnings	\$	2.64	\$	1.63	S	1.57	\$	0.71	\$	0.67	\$	0.64	\$	0.63	\$	0.20	\$	0.49	S	0.47	S	0.48
Diluted earnings	_	2.61	_	1.56		1.49		0.70	_	0.66	-	0.63	_	0.62	_	0.20	_	0.46	_	0.44	_	0.45
Average common shares issued and outstanding		10,096.5		10,195.6	_	10,284.1	_	9,855.8		10,031.6	_	10,181.7		10,322.4	_	10,470.7	_	10,197.9	_	10,013.5	_	10,099.6
Average diluted common shares issued and outstanding		10,236.9		10,778.4	_	11,046.8	I	9,996.0	1	10,170.8	_	10,309.4	_	10,472.7	_	10,621.8	_	10,746.7	_	10,834.8	_	10,919.7

Net Interest Income and Noninterest Income

\$ 10,716 3,078 1,046 1,305 1,691 17,836	Third Quarter 2018 \$ 10,401 2,986 799 1,172 1,607 16,965 1,230 1,526 335 1,813	Second Quarter 2018 \$ 10,071 2,856 709 1,198 1,535 16,369	First Quarter 2018 \$ 9,623 2,804 622 1,136 1,414 15,599 760 1,135 357	Fourth Quarter 2017 \$ 9,344 2,707 732 1,144 1,139 15,066	Third Quarter 2017 \$ 9,203 2,629 659 1,091 1,075 14,657	Second Quarter 2017 \$ 8,920 2,594 560 1,163 909 14,146	First Quarter 2017 \$ 8,754 2,541 439 1,076 900 13,710
\$ 10,716 3,078 1,046 1,305 1,691 17,836 1,562 1,716 318	\$ 10,401 2,986 799 1,172 1,607 16,965	Quarter 2018 \$ 10,071 2,856 709 1,198 1,535 16,369	\$ 9,623 2,804 622 1,136 1,414 15,599	\$ 9,344 2,707 732 1,144 1,139 15,066	\$ 9,203 2,629 659 1,091 1,075 14,657	S 8,920 2,594 560 1,163 909 14,146	\$ 8,754 2,541 439 1,076 900
3,078 1,046 1,305 1,691 17,836 1,562 1,716 318 1,736	2,986 799 1,172 1,607 16,965 1,230 1,526 335	2,856 709 1,198 1,535 16,369 943 1,462	2,804 622 1,136 1,414 15,599 760 1,135	2,707 732 1,144 1,139 15,066	2,629 659 1,091 1,075 14,657	2,594 560 1,163 909 14,146	2,541 439 1,076 900 13,710
3,078 1,046 1,305 1,691 17,836 1,562 1,716 318 1,736	2,986 799 1,172 1,607 16,965 1,230 1,526 335	2,856 709 1,198 1,535 16,369 943 1,462	2,804 622 1,136 1,414 15,599 760 1,135	2,707 732 1,144 1,139 15,066	2,629 659 1,091 1,075 14,657	2,594 560 1,163 909 14,146	2,541 439 1,076 900 13,710
3,078 1,046 1,305 1,691 17,836 1,562 1,716 318 1,736	2,986 799 1,172 1,607 16,965 1,230 1,526 335	2,856 709 1,198 1,535 16,369 943 1,462	2,804 622 1,136 1,414 15,599 760 1,135	2,707 732 1,144 1,139 15,066	2,629 659 1,091 1,075 14,657	2,594 560 1,163 909 14,146	2,541 439 1,076 900 13,710
1,046 1,305 1,691 17,836 1,562 1,716 318 1,736	799 1,172 1,607 16,965 1,230 1,526 335	709 1,198 1,535 16,369 943 1,462	622 1,136 1,414 15,599 760 1,135	732 1,144 1,139 15,066	659 1,091 1,075 14,657	560 1,163 909 14,146	1,076 900 13,710
1,305 1,691 17,836 1,562 1,716 318 1,736	1,172 1,607 16,965 1,230 1,526 335	1,198 1,535 16,369 943 1,462	1,136 1,414 15,599 760 1,135	1,144 1,139 15,066 679 1,030	1,091 1,075 14,657	1,163 909 14,146	1,076 900 13,710
1,691 17,836 1,562 1,716 318 1,736	1,607 16,965 1,230 1,526 335	1,535 16,369 943 1,462	1,414 15,599 760 1,135	1,139 15,066 679 1,030	1,075 14,657	909 14,146	900
1,562 1,716 318 1,736	1,230 1,526 335	943 1,462	760 1,135	15,066 679 1,030	14,657	14,146	13,710
1,562 1,716 318 1,736	1,230 1,526 335	943 1,462	760 1,135	679 1,030	624	346	
1,716 318 1,736	1,526 335	1,462	1,135	1,030			282
1,716 318 1,736	1,526 335	1,462	1,135	1,030			282
318 1,736	335			****	944	017	
1,736		348	357	217		917	647
	1,813			314	319	307	264
		1,788	1,578	1,425	1,470	1,441	1,331
5,332	4,904	4,541	3,830	3,448	3,357	3,011	2,524
\$ 12,504	\$ 12,061	\$ 11,828	\$ 11,769	\$ 11,618	\$ 11,300	\$ 11,135	\$ 11,186
\$ 1,016	\$ 925	\$ 1,011	\$ 914	\$ 1,004	\$ 881	s 949	\$ 943
506	492	472	488	496	488	463	452
1,522	1,417	1,483	1,402	1,500	1,369	1,412	1,395
1,659	1,682	1,680	1,646	1,668	1,691	1,696	1,653
272	279	274	275	287	277	281	265
1,931	1,961	1,954	1,921	1,955	1,968	1,977	1,918
2,536	2,576	2,513	2,564	2,455	2,367	2,288	2,200
	918	945	1,100	1,067	1,070	1,172	1,217
1,008	2.404	3,458	3,664	3,522	3,437	3,460	3,417
	3,494						
1,008 3,544	3,494				698	709	779
3,544		719	740	635		340	400
	701 241	719 400	740 316	635 354	405	340	405
3,544	701					483	.05
3,544 562 390	701 241	400	316	354	405		1,584
3,544 562 390 396	701 241 262 1,204	400 303 1,422	316 297 1,353	354 429 1,418	405 374 1,477	1,532	1,584
3,544 562 390 396	701 241 262	400 303	316 297	354 429	405 374	483	
3,544 562 390 396 1,348 8,345	701 241 262 1,204 8,076	400 303 1,422 8,317	316 297 1,353 8,340	354 429 1,418 8,395	405 374 1,477 8,251	1,532 8,381	1,584 8,314
	562 390	390 241	390 241 400	390 241 400 316	390 241 400 316 354		396 262 303 297 429 374 483

⁽¹⁾ Gross interchange fees were \$9.5 billion, \$8.8 billion and \$8.3 billion for 2018, 2017 and 2016, respectively, and are presented net of \$5.6 billion, \$5.1 billion and \$4.4 billion of expenses for rewards and partner payments for the same periods. Gross interchange fees were \$2.5 billion, \$2.4 billion, \$2.4 billion, \$2.2 billion, \$2.

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

(Dollars in millions)

	I	Fourth Quarter 2018			Third Quarter 2018		Second Quarter 2018					
	Average Balance	Interest Income/ Expense	Yield/ Rate	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	\$ 129,814	\$ 494	1.51%	\$ 144,411	\$ 523	1.44%	\$ 144,983	\$ 487	1.35%			
Time deposits placed and other short-term investments	8,691	59	2.72	8,328	48	2.26	10,015	48	1.91			
Federal funds sold and securities borrowed or purchased under agreements to resell	263,626	1,046	1.57	241,426	799	1.31	251,880	709	1.13			
Trading account assets	138,046	1,327	3.82	128,896	1,195	3.68	132,799	1,232	3.72			
Debt securities	440,967	3,108	2.76	445,813	3,014	2.66	429,191	2,885	2.64			
Loans and leases (1):												
Residential mortgage	209,646	1,857	3.54	209,460	1,857	3.54	206,083	1,798	3.49			
Home equity	50,757	634	4.96	53,050	656	4.91	54,863	640	4.68			
U.S. credit card	95,766	2,533	10.49	94,710	2,435	10.20	93,531	2,298	9.86			
Direct/Indirect and other consumer	91,458	823	3.57	91,828	787	3.40	93,620	766	3.28			
Total consumer	447,627	5,847	5.20	449,048	5,735	5.08	448,097	5,502	4.92			
U.S. commercial	308,557	3,203	4.12	303,680	3,034	3.97	305,372	2,983	3.92			
Non-U.S. commercial	95,937	835	3.45	96,019	831	3.43	99,255	816	3.30			
Commercial real estate	60,876	703	4.59	60,754	682	4.45	60,653	646	4.27			
Commercial lease financing	21,724	182	3.36	21,235	173	3.25	21,441	168	3.14			
Total commercial	487,094	4,923	4.01	481,688	4,720	3.89	486,721	4,613	3.80			
Total loans and leases	934,721	10,770	4.58	930,736	10,455	4.46	934,818	10,115	4.34			
Other earning assets	70,869	1,187	6.65	72,827	1,082	5.91	78,244	1,047	5.36			
Total earning assets ⁽²⁾	1,986,734	17,991	3.60	1,972,437	17,116	3.45	1,981,930	16,523	3.34			
Cash and due from banks	26,081			25,639			25,329					
Other assets, less allowance for loan and lease losses	321,771			319,753			315,419					
Total assets	\$ 2,334,586			\$ 2,317,829			\$ 2,322,678					

⁽¹⁾ 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 are recorded at fair value upon acquisition and accrete interest income over the estimated life of the loan.
(2) 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 2018		Third Quarter 2018	3	Second Quarter 2018	
Federal funds sold and securities borrowed or purchased under agreements to resell	\$	(61)	\$	(52)	\$	(39)
Debt securities		13		3		_
U.S. commercial loans and leases		(10)		(8)		(10)
Net hedge expense on assets	\$	(58)	\$	(57)	\$	(49)

Quarterly Average Balances and Interest Rates – Fully Taxable-equivalent Basis (continued) (Dollars in millions)

(Dollars in millions)													
	F	ourth Ç	Quarter 2018		_	1	Third (Quarter 2018		S	econd Q	uarter 2018	
	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	\$ 52,523	\$	2	0.01%	\$	53,929	\$	1	0.01%	\$ 55,734	\$	2	0.01%
NOW and money market deposit accounts	701,697		957	0.54		680,285		737	0.43	664,002		536	0.32
Consumer CDs and IRAs	38,899		48	0.49		39,160		40	0.41	39,953		36	0.36
Negotiable CDs, public funds and other deposits	62,719		362	2.29		54,192		275	2.01	44,539		197	1.78
Total U.S. interest-bearing deposits	855,838		1,369	0.63		827,566		1,053	0.50	804,228		771	0.38
Non-U.S. interest-bearing deposits:													
Banks located in non-U.S. countries	2,321		7	1.14		2,353		12	2.06	2,329		11	1.89
Governments and official institutions	275		_	0.04		709		_	0.01	1,113		_	0.01
Time, savings and other	64,599		186	1.14		63,179		165	1.04	65,326		161	0.99
Total non-U.S. interest-bearing deposits	67,195		193	1.14		66,241		177	1.07	68,768		172	1.00
Total interest-bearing deposits	923,033		1,562	0.67		893,807		1,230	0.55	872,996		943	0.43
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	262,497		1,716	2.60		264,168		1,526	2.30	272,777		1,462	2.15
Trading account liabilities	45,329		318	2.79		50,904		335	2.60	52,228		348	2.67
Long-term debt	201,056		1,736	3.44		203,239		1,813	3.55	199,448		1,788	3.59
Total interest-bearing liabilities (1)	1,431,915		5,332	1.48		1,412,118		4,904	1.38	1,397,449		4,541	1.30
Noninterest-bearing sources:													
Noninterest-bearing deposits	421,918					422,538				427,663			
Other liabilities (2)	217,055					218,520				232,385			
Shareholders' equity	263,698					264,653				265,181			
Total liabilities and shareholders' equity	\$ 2,334,586				\$	2,317,829				\$ 2,322,678			
Net interest spread				2.12%					2.07%				2.04%
Impact of noninterest-bearing sources				0.40					0.38				0.37
Net interest income/yield on earning assets ⁽³⁾		\$	12,659	2.52%			\$	12,212	2.45 %		\$	11,982	2.41%

⁽¹⁾ 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 2018		Third Quarter 20	18	Second Quarter 2018	
NOW and money market deposit accounts	\$	_	\$	1	\$	(1)
Consumer CDs and IRAs		6		5		6
Negotiable CDs, public funds and other deposits		3		2		4
Banks located in non-U.S. countries		4		6		4
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities		11		30		30
Long-term debt		(51)		24		10)
Net hedge (income) expense on liabilities	\$	(27)	s s	68	\$	33

⁽²⁾ Includes \$29.6 billion, \$30.3 billion and \$29.7 billion of structured notes liabilities for the fourth, third and second quarters of 2018, respectively.

⁽³⁾ Net interest income includes FTE adjustments of \$155 million, \$151 million and \$154 million for the fourth, third and second quarters of 2018, respectively.

Quarterly Average Balances and Interest Rates – Fully Taxable-equivalent Basis (continued) (Dollars in millions)

	1	First Q	uarter 2018		F	ourth (Quarter 2017		,	Γhird Q	uarter 2017	
	Average Balance		Interest Income/ Expense	Yield/ Rate	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	\$ 140,247	\$	422	1.22%	\$ 128,708	\$	336	1.04%	\$ 127,835	\$	323	1.00%
Time deposits placed and other short-term investments	10,786		61	2.31	12,979		68	2.06	12,503		68	2.17
Federal funds sold and securities borrowed or purchased under agreements to resell	248,320		622	1.02	224,490		528	0.93	223,585		487	0.86
Trading account assets	131,123		1,147	3.54	130,370		1,183	3.61	124,068		1,125	3.60
Debt securities	433,096		2,830	2.58	441,624		2,751	2.48	436,886		2,670	2.44
Loans and leases (1):												
Residential mortgage	204,830		1,782	3.48	202,155		1,749	3.46	199,240		1,724	3.46
Home equity	56,952		643	4.56	59,059		641	4.32	61,225		664	4.31
U.S. credit card	94,423		2,313	9.93	93,531		2,299	9.75	91,602		2,253	9.76
Direct/Indirect and other consumer	 95,292		728	3.10	 96,113		724	2.99	 96,272		706	2.91
Total consumer	 451,497		5,466	4.89	450,858		5,413	4.78	448,339		5,347	4.74
U.S. commercial	299,850		2,717	3.68	297,851		2,598	3.46	293,203		2,542	3.44
Non-U.S. commercial	99,504		738	3.01	98,692		680	2.73	95,725		676	2.80
Commercial real estate	59,231		587	4.02	58,983		571	3.84	59,044		552	3.71
Commercial lease financing	 21,833		175	3.20	21,406		159	2.98	21,818		160	2.92
Total commercial	 480,418		4,217	3.56	476,932		4,008	3.34	469,790		3,930	3.32
Total loans and leases	931,915		9,683	4.20	927,790		9,421	4.04	918,129		9,277	4.02
Other earning assets	 84,345		984	4.72	84,087		901	4.25	76,496		849	4.41
Total earning assets ⁽²⁾	 1,979,832		15,749	3.21	 1,950,048		15,188	3.09	 1,919,502		14,799	3.06
Cash and due from banks	26,275				28,114				28,990			
Other assets, less allowance for loan and lease losses	319,771				323,525				322,612			
Total assets	\$ 2,325,878				\$ 2,301,687				\$ 2,271,104			

⁽¹⁾ 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 are recorded at fair value upon acquisition and accrete interest income over the estimated life of the loan.
(2) 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:

	First Quarter 2018		Fourth Quarter 2017		Third Quarter 2017	
Federal funds sold and securities borrowed or purchased under agreements to resell	\$	5	\$	16	\$	8
Debt securities		(3)		(2)		(5)
U.S. commercial loans and leases		(9)		(10)		(10)
Net hedge expense on assets	\$	(7)	\$	4	\$	(7)

Quarterly Average Balances and Interest Rates – Fully Taxable-equivalent Basis (continued) (Dollars in millions)

(Donars in minions)			uarter 2018			F	ourth C	Quarter 2017		Third Quarter 2017						
	_	Average Balance	1 1131 Q	Interest Income/ Expense	Yield/ Rate		Average Balance	ourur	Interest Income/ Expense	Yield/ Rate		Average Balance	illiu Q	Interest Income/ Expense	Yield/ Rate	
Interest-bearing liabilities																
U.S. interest-bearing deposits:																
Savings	\$	54,747	\$	1	0.01%	\$	54,090	\$	1	0.01%	\$	54,328	\$	1	0.01 %	
NOW and money market deposit accounts		659,033		406	0.25		645,639		361	0.22		631,270		333	0.21	
Consumer CDs and IRAs		41,313		33	0.33		42,595		29	0.28		44,239		31	0.27	
Negotiable CDs, public funds and other deposits		40,639		157	1.56		39,200		133	1.35		38,119		101	1.05	
Total U.S. interest-bearing deposits		795,732		597	0.30		781,524		524	0.27		767,956		466	0.24	
Non-U.S. interest-bearing deposits:																
Banks located in non-U.S. countries		2,243		9	1.67		1,844		5	0.96		2,259		5	0.97	
Governments and official institutions		1,154		_	0.02		1,016		3	1.06		1,012		3	1.04	
Time, savings and other		67,334		154	0.92		67,252		147	0.87		63,716		150	0.93	
Total non-U.S. interest-bearing deposits		70,731		163	0.93		70,112		155	0.88		66,987		158	0.93	
Total interest-bearing deposits		866,463		760	0.36		851,636		679	0.32		834,943		624	0.30	
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities		279,801		1,135	1.64		272,733		901	1.31		270,364		846	1.24	
Trading account liabilities		55,362		357	2.62		49,643		314	2.51		48,390		319	2.62	
Long-term debt		197,787		1,578	3.22		196,314		1,425	2.89		197,139		1,470	2.97	
Total interest-bearing liabilities (1)		1,399,413		3,830	1.11		1,370,326		3,319	0.96		1,350,836		3,259	0.96	
Noninterest-bearing sources:																
Noninterest-bearing deposits		430,805					441,936					436,768				
Other liabilities (2)		230,180					216,263					210,262				
Shareholders' equity		265,480					273,162					273,238				
Total liabilities and shareholders' equity	\$	2,325,878				\$	2,301,687				\$	2,271,104				
Net interest spread					2.10%					2.13 %					2.10%	
Impact of noninterest-bearing sources					0.32					0.29					0.29	
Net interest income/yield on earning assets(3)			\$	11,919	2.42%		•	\$	11,869	2.42%			\$	11,540	2.39%	
			_			_					_					

⁽¹⁾ 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:

	First Quarter 2018	Fourth Quarter 2017	Third Quarter 2017
Consumer CDs and IRAs	5	5	6
Negotiable CDs, public funds and other deposits	3	3	3
Banks located in non-U.S. countries	5	5	5
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	29	30	33
Long-term debt	(246)	(379)	(393)
Net hedge (income) expense on liabilities	\$ (204)	\$ (336)	\$ (346)

⁽²⁾ Includes \$31.9 billion, \$31.4 billion and \$30.3 billion of structured notes liabilities for the first quarter of 2018 and the fourth and third quarters of 2017, respectively

This information is preliminary and based on company data available at the time of the presentation.

⁽³⁾ Net interest income includes FTE adjustments of \$150 million, \$251 million and \$240 million for the first quarter of 2018 and the fourth and third quarters of 2017, respectively.

Quarterly Average Balances and Interest Rates – Fully Taxable-equivalent Basis (continued) (Dollars in millions)

(Dollars in millions)									
		Se	econd Q	uarter 2017			First Quar	ter 2017	
	Aver Bala			Interest Income/ Expense	Yield/ Rate	Average Balance	In	nterest ncome/ xpense	Yield/ Rate
Earning assets									
Interest-bearing deposits with the Federal Reserve, non-U.S. central banks and other banks	\$ 1	29,201	\$	261	0.81%	\$ 123,921	\$	202	0.66%
Time deposits placed and other short-term investments		11,448		58	2.03	11,497		47	1.65
Federal funds sold and securities borrowed or purchased under agreements to resell	2	26,700		435	0.77	216,402		356	0.67
Trading account assets	1	35,931		1,199	3.54	125,661		1,111	3.58
Debt securities	4	31,132		2,632	2.44	430,234		2,573	2.38
Loans and leases(1):									
Residential mortgage	1	95,935		1,697	3.46	193,627		1,661	3.44
Home equity		63,332		664	4.20	65,508		639	3.94
U.S. credit card		89,464		2,128	9.54	89,628		2,111	9.55
Non-U.S. credit card ⁽²⁾		6,494		147	9.08	9,367		211	9.15
Direct/Indirect and other consumer		95,775		669	2.80	95,838		635	2.68
Total consumer	4	51,000		5,305	4.71	 453,968		5,257	4.68
U.S. commercial	2	91,162		2,403	3.31	287,468		2,222	3.14
Non-U.S. commercial		92,708		615	2.66	92,821		595	2.60
Commercial real estate		58,198		514	3.54	57,764		479	3.36
Commercial lease financing		21,649		156	2.89	 22,123		231	4.17
Total commercial	4	63,717		3,688	3.19	 460,176		3,527	3.11
Total loans and leases	9	14,717		8,993	3.94	 914,144		8,784	3.88
Other earning assets		73,618		713	3.88	73,514		760	4.19
Total earning assets ⁽³⁾	1,9	22,747		14,291	2.98	1,895,373		13,833	2.96
Cash and due from banks		27,659				27,196			
Other assets, less allowance for loan and lease losses	3	18,887				309,080			
Total assets	\$ 2,2	69,293				\$ 2,231,649			

⁽¹⁾ 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 are recorded at fair value upon acquisition and accrete interest income over the estimated life of the loan.
(2) Includes assets of the Corporation's non-U.S. consumer credit card business, which was sold during the second quarter of 2017.
(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:

	Second Quarter 2017	7		First Qu	arter 2017		
Federal funds sold and securities borrowed or purchased under agreements to resell	\$	10	•		\$	15	
Debt securities		(25)				(22)	
U.S. commercial loans and leases		(9)	_			(10)	
Net hedge expense on assets	\$	(24)			\$	(17)	

(Dollars in millions)									
	 S	econd Qua	rter 2017		_		First Qu	arter 2017	
	Average Balance	In	come/ cpense	Yield/ Rate		Average Balance		Interest Income/ Expense	Yield/ Rate
Interest-bearing liabilities									
U.S. interest-bearing deposits:									
Savings	\$ 54,494	\$	2	0.01 %	\$	52,193	\$	1	0.01 %
NOW and money market deposit accounts	619,593		105	0.07		617,749		74	0.05
Consumer CDs and IRAs	45,682		30	0.27		46,711		31	0.27
Negotiable CDs, public funds and other deposits	 36,041		68	0.75		33,695		52	0.63
Total U.S. interest-bearing deposits	 755,810		205	0.11		750,348		158	0.09
Non-U.S. interest-bearing deposits:									
Banks located in non-U.S. countries	3,058		6	0.77		2,616		5	0.76
Governments and official institutions	981		2	0.90		1,013		2	0.81
Time, savings and other	 60,047		133	0.89		58,418		117	0.81
Total non-U.S. interest-bearing deposits	 64,086		141	0.89		62,047		124	0.81
Total interest-bearing deposits	819,896		346	0.17		812,395		282	0.14
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	288,726		825	1.14		268,079		573	0.87
Trading account liabilities	45,156		307	2.73		38,731		264	2.76
Long-term debt	194,508		1,441	2.97		191,490		1,331	2.80
Total interest-bearing liabilities (1)	1,348,286		2,919	0.87		1,310,695		2,450	0.76
Noninterest-bearing sources:									
Noninterest-bearing deposits	436,942					444,237			
Other liabilities ⁽²⁾	213,088					209,017			
Shareholders' equity	270,977					267,700			
Total liabilities and shareholders' equity	\$ 2,269,293				\$	2,231,649			
Net interest spread				2.11%					2.20%
Impact of noninterest-bearing sources				0.26					0.22
Net interest income/yield on earning assets(3)		\$	11,372	2.37%			s	11,383	2.42%

⁽¹⁾ 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:

	Second Quarter 2017	First Quarter 2017
NOW and money market deposit accounts	\$ (1)	s —
Consumer CDs and IRAs	5	6
Negotiable CDs, public funds and other deposits	4	3
Banks located in non-U.S. countries	4	5
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	88	92
Long-term debt	(426)	(530)
Net hedge (income) expense on liabilities	\$ (326)	\$ (424)

⁽²⁾ Includes \$29.6 billion and \$30.0 billion of structured notes liabilities for the second and first quarters of 2017, respectively.

⁽³⁾ Net interest income includes FTE adjustments of \$237 million and \$197 million for the second and first quarters of 2017, respectively.

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

(Dollars in millions)

		20	018			:	2017				2016	
	Average Balance		Interest Income/ Expense	Yield/ Rate	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	\$ 139,848	\$	1,926	1.38%	\$ 127,431	\$	1,122	0.88%	\$	133,374	\$ 605	0.45%
Time deposits placed and other short-term investments	9,446		216	2.29	12,112		241	1.99		9,026	140	1.55
Federal funds sold and securities borrowed or purchased under agreements to resell	251,328		3,176	1.26	222,818		1,806	0.81		216,161	967	0.45
Trading account assets	132,724		4,901	3.69	129,007		4,618	3.58		129,766	4,563	3.52
Debt securities	437,312		11,837	2.66	435,005		10,626	2.44		418,289	9,263	2.23
Loans and leases (1):												
Residential mortgage	207,523		7,294	3.51	197,766		6,831	3.45		188,250	6,488	3.45
Home equity	53,886		2,573	4.77	62,260		2,608	4.19		71,760	2,713	3.78
U.S. credit card	94,612		9,579	10.12	91,068		8,791	9.65		87,905	8,170	9.29
Non-U.S. credit card(2)	_		_	_	3,929		358	9.12		9,527	926	9.72
Direct/Indirect and other consumer	 93,036		3,104	3.34	 96,002		2,734	2.85	_	94,148	2,371	2.52
Total consumer	449,057		22,550	5.02	451,025		21,322	4.73		451,590	20,668	4.58
U.S. commercial	304,387		11,937	3.92	292,452		9,765	3.34		276,887	8,101	2.93
Non-U.S. commercial	97,664		3,220	3.30	95,005		2,566	2.70		93,263	2,337	2.51
Commercial real estate	60,384		2,618	4.34	58,502		2,116	3.62		57,547	1,773	3.08
Commercial lease financing	21,557		698	3.24	21,747		706	3.25		21,146	627	2.97
Total commercial	483,992		18,473	3.82	467,706		15,153	3.24		448,843	12,838	2.86
Total loans and leases (2)	933,049		41,023	4.40	 918,731		36,475	3.97		900,433	33,506	3.72
Other earning assets	 76,524		4,300	5.62	76,957		3,224	4.19		59,775	2,496	4.18
Total earning assets ⁽³⁾	 1,980,231		67,379	3.40	1,922,061		58,112	3.02		1,866,824	51,540	2.76
Cash and due from banks	25,830				27,995					27,893		
Other assets, less allowance for loan and lease losses	319,185				318,577					295,501		
Total assets	\$ 2,325,246				\$ 2,268,633				\$	2,190,218		

⁽¹⁾ 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 are recorded at fair value upon acquisition and accrete interest income over the estimated life of the loan.

(2) The 2017 and 2016 amounts include assets of the Corporation's non-U.S. consumer credit card business, which was sold during the second quarter of 2017.

(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:

	2018		201	7		2016	
Federal funds sold and securities borrowed or purchased under agreements to resell	\$	(147)		\$	49	\$	25
Debt securities		13			(54)		(150)
U.S. commercial loans and leases		(37)			(39)		(51)
Net hedge expense on assets	\$	(171)	· · · · · · · · · · · · · · · · · · ·	\$	(44)	\$	(176)

(Dollars in millions)

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

		2	018				2017			1	2016	
	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	\$ 54,226	\$	6	0.01 %	\$	53,783	\$ 5	0.01 %	\$ 49,495	\$	5	0.01 %
NOW and money market deposit accounts	676,382		2,636	0.39		628,647	873	0.14	589,737		294	0.05
Consumer CDs and IRAs	39,823		157	0.39		44,794	121	0.27	48,594		133	0.27
Negotiable CDs, public funds and other deposits	 50,593		991	1.96		36,782	354	0.96	32,889		160	0.49
Total U.S. interest-bearing deposits	821,024		3,790	0.46		764,006	1,353	0.18	 720,715		592	0.08
Non-U.S. interest-bearing deposits:												
Banks located in non-U.S. countries	2,312		39	1.69		2,442	21	0.85	3,891		32	0.82
Governments and official institutions	810		_	0.01		1,006	10	0.95	1,437		9	0.64
Time, savings and other	 65,097		666	1.02		62,386	547	0.88	 59,183		382	0.65
Total non-U.S. interest-bearing deposits	68,219		705	1.03		65,834	578	0.88	64,511		423	0.66
Total interest-bearing deposits	889,243		4,495	0.51		829,840	1,931	0.23	785,226		1,015	0.13
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	269,748		5,839	2.17		274,975	3,146	1.14	252,585		1,933	0.77
Trading account liabilities	50,928		1,358	2.67		45,518	1,204	2.64	37,897		1,018	2.69
Long-term debt	200,399		6,915	3.45		194,882	5,667	2.91	204,826		5,188	2.53
Total interest-bearing liabilities (1)	1,410,318		18,607	1.32		1,345,215	11,948	0.89	1,280,534		9,154	0.71
Noninterest-bearing sources:												
Noninterest-bearing deposits	425,698					439,956			437,335			
Other liabilities ⁽²⁾	224,482					212,173			206,506			
Shareholders' equity	 264,748					271,289			 265,843			
Total liabilities and shareholders' equity	\$ 2,325,246				\$	2,268,633			\$ 2,190,218			
Net interest spread				2.08%				2.13 %				2.05 %
Impact of noninterest-bearing sources				0.37				0.27				0.22
Net interest income/yield on earning assets ⁽³⁾		\$	48,772	2.45 %	_		\$ 46,164	2.40 %		\$	42,386	2.27 %

⁽¹⁾ 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:

	2018	2017	2016
NOW and money market deposit accounts	\$ —	\$ (1)	\$ (1)
Consumer CDs and IRAs	22	22	23
Negotiable CDs, public funds and other deposits	12	13	13
Banks located in non-U.S. countries	19	19	13
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	100	243	500
Long-term debt	(283	(1,728)	(2,615)
Net hedge income on liabilities	\$ (130	\$ (1,432)	\$ (2,067)

⁽²⁾ Includes \$30.4 billion, \$30.3 billion and \$23.9 billion of structured notes liabilities for 2018, 2017 and 2016, respectively.

⁽³⁾ Net interest income includes FTE adjustments of \$610 million, \$925 million and \$900 million for 2018, 2017 and 2016, respectively.

Supplemental Financial Data

(Dollars in millions)

				ear Ended ecember 31																	
		2018	_	2017	_	2016	For	urth Quarter 2018	Tì	nird Quarter 2018	Q	Second uarter 2018	Fi	rst Quarter 2018	For	urth Quarter 2017	Th	nird Quarter 2017	Second larter 2017	Fin	irst Quarter 2017
Fully taxable-equivalent (FTE) basis data (1)																					
Net interest income	s	48,772	\$	46,164	\$	42,386	\$	12,659	s	12,212	\$	11,982	\$	11,919	\$	11,869	\$	11,540	\$ 11,372	\$	11,383
Total revenue, net of interest expense		91,630		88,051		84,398		22,832		22,875		22,703		23,220		20,632		22,019	23,009		22,391
Net interest yield		2.45%		2.40%		2.27%		2.52%		2.45%		2.41%		2.42%		2.42%		2.39%	2.37%		2.42%
Efficiency ratio		58.01		61.91		65.02		57.26		56.89		58.25		59.61		64.07		60.56	60.52		62.70

⁽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. Net interest income includes FTE adjustments of \$610 million, \$925 million and \$900 million for the years ended December 31, 2018, 2017 and 2016, respectively; \$155 million, \$151 million, \$154 million, and \$150 million for the fourth, third, second and first quarters of 2018, respectively; and \$251 million, \$240 million and \$197 million for the fourth, third, second and first quarters of 2017, respectively.

Estimated Banking Book Net Interest Income Sensitivity to Curve Changes

(Dollars in millions)

	Short Rate (bps)	Long Rate (bps)	 December 31 2018 (1)
Parallel Shifts			
+100 bps instantaneous shift	+100	+100	\$ 2,833
-100 bps instantaneous shift	-100	-100	(4,280)
Flatteners			
Short-end instantaneous change	+100	_	2,158
Long-end instantaneous change	_	-100	(1,618)
Steepeners			
Short-end instantaneous change	-100	_	(2,648)
Long-end instantaneous change	_	+100	675

⁽¹⁾ Change in net interest income reflects changes in the balance sheet.

This information is preliminary and based on company data available at the time of the presentation.

Quarterly Results by Business Segment and All Other (Dollars in millions)

				Fourth Quarter 2018										
		Total Corporation		Consumer Banking		GWIM	Glo	obal Banking	Glo	obal Markets		All Other		
Net interest income	\$	12,659	\$	7,111	\$	1,612	\$	2,849	\$	936	\$	151		
Noninterest income														
Fees and commissions:														
Card income		1,522		1,339		34		129		20		-		
Service charges		1,931		1,086		18		743		79		5		
Investment and brokerage services		3,544		77		2,978		24		474		(9)		
Investment banking fees		1,348		(1)		94		760		514		(19)		
Total fees and commissions		8,345		2,501		3,124		1,656		1,087		(23)		
Trading account income		1,448		2		31		75		1,132		208		
Other income (loss)		380		349		271		589		92		(921)		
Total noninterest income (loss)	_	10,173		2,852		3,426		2,320		2,311		(736)		
Total revenue, net of interest expense		22,832		9,963		5,038		5,169		3,247		(585)		
Provision for credit losses		905		915		23		85		6		(124)		
Noninterest expense		13,074		4,442		3,560		2,127		2,553		392		
Income (loss) before income taxes		8,853		4,606		1,455		2,957		688		(853)		
Income tax expense (benefit)		1,575		1,173		370		769		178		(915)		
Net income	\$	7,278	\$	3,433	\$	1,085	\$	2,188	\$	510	\$	62		
Average														
Total loans and leases	\$	934,721	s	289,862	\$	163,516	\$	357,410	s	70,609	\$	53,324		
Total assets (1)		2,334,586		759,027		283,264		440,522		655,069		196,704		
Total deposits		1,344,951		686,826		247,427		359,642		31,077		19,979		
Ouarter end														
Total loans and leases	\$	946,895	s	294,335	\$	164,854	\$	365,717	s	73,928	\$	48,061		
Total assets (1)		2,354,507		768,881		305,907		442,330		641,923		195,466		
Total deposits		1,381,476		696,146		268,700		360,248		37,841		18,541		
		Total Corporation	-	Consumer Banking		GWIM	Glo	obal Banking	Gle	obal Markets		All Other		
Net interest income							_					Otilei		
	\$	12,212	s	6,844	\$	1,531	\$	2,726	\$	933	\$	178		
Noninterest income	\$	12,212	\$	6,844	\$						\$			
	\$	12,212	s	6,844	S						\$			
Noninterest income	\$	1,417	\$	1,237	\$						\$			
Noninterest income Fees and commissions:	\$		s		\$	1,531		2,726		933	\$	178		
Noninterest income Fees and commissions: Card income	\$	1,417	\$	1,237	S	1,531		2,726		933	\$	178		
Noninterest income Fees and commissions: Card income Service charges	\$	1,417 1,961	\$	1,237 1,098	\$	1,531 34 19		2,726 124 753		933 21 86	\$	178 1 5		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services	\$	1,417 1,961 3,494	\$	1,237 1,098	\$	34 19 3,004		2,726 124 753 27		933 21 86 388	\$	178 1 5 (5)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees	\$	1,417 1,961 3,494 1,204	\$	1,237 1,098 80	\$	34 19 3,004 87		2,726 124 753 27 644		933 21 86 388 522	\$	178 1 5 (5) (49)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions	\$	1,417 1,961 3,494 1,204 8,076	s	1,237 1,098 80 —	\$	1,531 34 19 3,004 87 3,144		2,726 124 753 27 644 1,548		933 21 86 388 522 1,017	\$	178 1 5 (5) (49) (48)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income		1,417 1,961 3,494 1,204 8,076 1,717	s	1,237 1,098 80 — 2,415	S	1,531 34 19 3,004 87 3,144 24		2,726 124 753 27 644 1,548 60		933 21 86 388 522 1,017 1,551	\$	178 1 5 (5) (49) (48) 80		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss)		1,417 1,961 3,494 1,204 8,076 1,717	s	1,237 1,098 80 — 2,415 2 181	s	34 19 3,004 87 3,144 24		2,726 124 753 27 644 1,548 60 489		933 21 86 388 522 1,017 1,551 372	\$	178 1 5 (5) (49) (48) 80 (290)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss)		1,417 1,961 3,494 1,204 8,076 1,717 870 10,663	s	1,237 1,098 80 — 2,415 2 181 2,598	s	1,531 34 19 3,004 87 3,144 24 118 3,286		2,726 124 753 27 644 1,548 60 489 2,097		933 21 86 388 522 1,017 1,551 372 2,940	\$	178 1 5 (5) (49) (48) 80 (290) (258)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense		1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875	s	1,237 1,098 80 — 2,415 2 181 2,598 9,442	s	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817		2,726 124 753 27 644 1,548 60 489 2,097 4,823		933 21 86 388 522 1,017 1,551 372 2,940 3,873	\$	178 1 5 (5) (49) (48) 80 (290) (258) (80)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses		1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716	s	1,237 1,098 80 2,415 2 181 2,598 9,442 870	S	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13		2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70)		933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2)	s -	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense		1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014	s	1,237 1,098 80 — 2,415 2 181 2,598 9,442 870 4,328	\$	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440		2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142		933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633	s -	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes	\$	1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145	s	1,237 1,098 80 — 2,415 2 181 2,598 9,442 870 4,328 4,244	\$	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364		2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751		933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242	ss	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit)		1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145 1,978		1,237 1,098 80 — 2,415 2 181 2,598 9,442 870 4,328 4,244 1,081		1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364 348	s	2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751 714	s -	933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242 323		178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456) (488)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income		1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145 1,978		1,237 1,098 80 — 2,415 2 181 2,598 9,442 870 4,328 4,244 1,081		1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364 348	s	2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751 714	s -	933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242 323		178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456) (488)		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income	<u> </u>	1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145 1,978 7,167	<u>s</u>	1,237 1,098 80 —— 2,415 2 181 2,598 9,442 870 4,328 4,244 1,081 3,163	<u>s</u>	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364 348 1,016	s	2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751 714 2,037	s	933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242 323 919	<u>s</u>	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456) (488) 32		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases	<u> </u>	1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145 1,978 7,167	<u>s</u>	1,237 1,098 80 —— 2,415 2 181 2,598 9,442 870 4,328 4,244 1,081 3,163	<u>s</u>	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364 348 1,016	s	2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751 714 2,037	s	933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242 323 919	<u>s</u>	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456) (488) 32		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total assets (1)	<u> </u>	1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145 1,978 7,167	<u>s</u>	1,237 1,098 80 — 2,415 2 181 2,598 9,442 870 4,328 4,244 1,081 3,163	<u>s</u>	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364 348 1,016	s	2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751 714 2,037	s	933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242 323 919 71,231 652,481	<u>s</u>	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456) (488) 32		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total assets (1) Total deposits	<u> </u>	1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145 1,978 7,167	<u>s</u>	1,237 1,098 80 — 2,415 2 181 2,598 9,442 870 4,328 4,244 1,081 3,163	<u>s</u>	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364 348 1,016	s	2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751 714 2,037	s	933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242 323 919 71,231 652,481	<u>s</u>	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456) (488) 32		
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total deposits Quarter end	<u>s</u>	1,417 1,961 3,494 1,204 8,076 1,717 870 10,663 22,875 716 13,014 9,145 1,978 7,167	<u></u>	1,237 1,098 80 —— 2,415 2 181 2,598 9,442 870 4,328 4,244 1,081 3,163 284,994 759,665 687,530	<u>s</u>	1,531 34 19 3,004 87 3,144 24 118 3,286 4,817 13 3,440 1,364 348 1,016 161,869 273,582 238,291	<u>s</u> <u>s</u> <u>s</u>	2,726 124 753 27 644 1,548 60 489 2,097 4,823 (70) 2,142 2,751 714 2,037 352,712 423,643 337,685	<u>s</u> <u>s</u> <u>s</u>	933 21 86 388 522 1,017 1,551 372 2,940 3,873 (2) 2,633 1,242 323 919 71,231 652,481 30,721	<u></u>	178 1 5 (5) (49) (48) 80 (290) (258) (80) (95) 471 (456) (488) 32		

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

Quarterly Results by Business Segment and All Other (continued)

(Dollars in millions)

						Second Qua	arter 201	8				
		Total 'orporation		Consumer Banking		GWIM		oal Banking	Global M	Iarkets		All Other
Net interest income	\$	11,982	\$	6,593	\$	1,538	\$	2,739	\$	968	\$	144
Noninterest income												
Fees and commissions:												
Card income		1,483		1,292		38		130		23		_
Service charges		1,954		1,072		17		768		90		7
Investment and brokerage services		3,458		80		2,937		18		430		(7)
Investment banking fees		1,422				72		743		651		(44)
Total fees and commissions		8,317		2,444		3,064		1,659		1,194		(44)
Trading account income		2,151		2		28		64		2,020		37
Other income (loss)		253		194		112		552		69		(674)
Total noninterest income (loss)		10,721		2,640		3,204		2,275		3,283		(681)
Total revenue, net of interest expense		22,703		9,233		4,742		5,014		4,251		(537)
Provision for credit losses		827		944		12		(23)		(1)		(105)
Noninterest expense		13,224		4,369		3,426		2,185		2,726		518
Income (loss) before income taxes		8,652		3,920		1,304		2,852		1,526		(950)
Income tax expense (benefit)		1,868		999		332		741		397		(601)
Net income (loss)	\$	6,784	\$	2,921	\$	972	\$	2,111	\$	1,129	\$	(349)
Average												
Total loans and leases	\$	934,818	\$	280,689	\$	160,833	\$	355,088	\$ 7:	5,053	\$	63,155
Total assets (1)		2,322,678		759,982	,	272,318	Ψ	424,540		8,501	Ψ.	187,337
Total deposits		1,300,659		687,812		236,214		323,215		0,736		22,682
Ouarter end		1,500,059		007,012		230,211		323,213		0,750		22,002
Total loans and leases	\$	935,824	\$	283,565	\$	162,034	\$	355,473	\$ 7:	3,496	\$	61,256
Total assets (1)	y	2,291,670		768,188	,	270,915	Ψ	426,448		7,110	Ψ	189,009
Total deposits		1,309,691		695,530		233,925		326,029		1,450		22,757
						First Quar	101 2018					
	C	Total orporation		Consumer Banking		GWIM	Glol	oal Banking	Global M	Iarkets		All Other
Net interest income	<u> </u>	orporation		Banking	\$	GWIM 1,584	Glol	2,679	Global M	Iarkets 1,020	\$	All Other
Net interest income Noninterest income			s		\$			2,679			\$	Other
		orporation		Banking	s						\$	Other
Noninterest income		orporation		Banking	s						\$	Other 159
Noninterest income Fees and commissions: Card income		11,919		Banking 6,477	\$	1,584		2,679		1,020	\$	Other
Noninterest income Fees and commissions: Card income Service charges		11,919 1,402 1,921		6,477 1,234 1,044	\$	1,584 21 19		2,679 128 763		1,020 20 90	\$	Other 159 (1) 5
Noninterest income Fees and commissions: Card income		11,919 1,402		6,477 1,234	\$	1,584		2,679		1,020	\$	Other 159 (1) 5 29
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services		11,919 1,402 1,921 3,664		6,477 1,234 1,044	\$	1,584 21 19 3,040		2,679 128 763 25	S	20 90 488	\$	Other 159 (1) 5 29 (84)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions		11,919 1,402 1,921 3,664 1,353 8,340		6,477 1,234 1,044 82 2,360	\$	1,584 21 19 3,040 84 3,164		2,679 128 763 25 744 1,660	s	20 90 488 609	s	Other 159 (1) 5 29 (84) (51)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss)		11,919 1,402 1,921 3,664 1,353		1,234 1,044 82 — 2,360	S	1,584 21 19 3,040 84 3,164 29		2,679 128 763 25 744	s	20 90 488 609 1,207 2,557	\$	(1) 5 29 (84) (51) (96)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss)		11,919 1,402 1,921 3,664 1,353 8,340 2,553 408		1,234 1,044 82 2,360 2 141	\$	1,584 21 19 3,040 84 3,164 29		2,679 128 763 25 744 1,660 61 595	S	20 90 488 609 1,207 2,557 28	\$	Other 159 (1) 5 29 (84) (51) (96) (435)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss)		11,919 1,402 1,921 3,664 1,353 8,340 2,553		1,234 1,044 82 — 2,360	\$	1,584 21 19 3,040 84 3,164 29		2,679 128 763 25 744 1,660 61	s	20 90 488 609 1,207 2,557	\$	Other 159 (1) 5 29 (84) (51) (96) (435)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss)		11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301		1,234 1,044 82 2,360 2 141 2,503	\$	1,584 21 19 3,040 84 3,164 29 79 3,272		2,679 128 763 25 744 1,660 61 595 2,316	s	1,020 20 90 488 609 1,207 2,557 28 3,792 4,812	\$	Other 159 (1) 5 29 (84) (51) (96) (435) (582) (423)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses		11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834		1,234 1,044 82 2,360 2 141 2,503 8,980 935	s	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38		2,679 128 763 25 744 1,660 61 595 2,316 4,995 16	s	1,020 20 90 488 609 1,207 2,557 28 3,792 4,812 (3)	s	(1) 5 29 (84) (51) (96) (435) (582) (423) (152)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense		11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220		1,234 1,044 82 2,360 2 141 2,503 8,980	s	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856		2,679 128 763 25 744 1,660 61 595 2,316 4,995	S	1,020 20 90 488 609 1,207 2,557 28 3,792 4,812	s	Other 159 (1) 5 29 (84) (51) (96) (435) (582) (423)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit)	\$	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626	s	1,234 1,044 82 2,360 2 141 2,503 8,980 935 4,548 3,497 893		1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316	\$	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699	S	20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 1,892 492		Other 159 (1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771) (774)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes		11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544		1,234 1,044 82 2,360 2 141 2,503 8,980 935 4,548	s	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238		2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688	\$	1,020 20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 2,923 1,892	\$	Other 159 (1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit)	\$	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626	s	1,234 1,044 82 2,360 2 141 2,503 8,980 935 4,548 3,497 893		1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316	\$	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699	\$	20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 1,892 492		Other 159 (1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771) (774)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income (loss) before income taxes Income tax expense (benefit) Net income	\$	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626	s	1,234 1,044 82 2,360 2 141 2,503 8,980 935 4,548 3,497 893		1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316	\$	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699	s	20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 1,892 492		(1) 5 29 (84) (51) (96) (435) (582) (152) 500 (771) (774)
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income	\$ S	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626 6,918	\$	82	<u> </u>	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316 922	<u>s</u>	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699 1,989	s s	20 90 488 609 1,207 2,557 28 3,792 (3) 2,923 1,892 492 1,400	<u> </u>	Other 159 (1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771) (774) 3
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases	\$ S	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626 6,918	\$	1,234 1,044 82 2,360 2 141 2,503 8,980 935 4,548 3,497 893 2,604	<u> </u>	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316 922	<u>s</u>	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699 1,989	s s s	20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 1,892 492 1,400	<u> </u>	(1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771) (774) 3
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total assets (1)	\$ S	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626 6,918	\$	1,234 1,044 82 — 2,360 2 141 2,503 8,980 935 4,548 3,497 893 2,604	<u> </u>	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316 922	<u>s</u>	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699 1,989 351,689 421,863	s s s	20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 1,892 492 1,400	<u> </u>	(1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771) (774) 3
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total assets (1) Total deposits	\$ S	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626 6,918	\$	1,234 1,044 82 — 2,360 2 141 2,503 8,980 935 4,548 3,497 893 2,604	<u> </u>	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316 922	<u>s</u>	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699 1,989 351,689 421,863	\$ \$ 7. 67 3.	20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 1,892 492 1,400	<u> </u>	(1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771) (774) 3
Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total deposits Quarter end	<u>s</u>	11,919 1,402 1,921 3,664 1,353 8,340 2,553 408 11,301 23,220 834 13,842 8,544 1,626 6,918 931,915 2,325,878 1,297,268	<u>s</u> <u>s</u> <u>s</u>	1,234 1,044 82 2,360 2 141 2,503 8,980 935 4,548 3,497 893 2,604	<u>s</u>	1,584 21 19 3,040 84 3,164 29 79 3,272 4,856 38 3,580 1,238 316 922 159,095 279,716 243,077	<u>s</u>	2,679 128 763 25 744 1,660 61 595 2,316 4,995 16 2,291 2,688 699 1,989 351,689 421,863 324,405	\$ \$ 7. 67 3: \$ 7.	20 90 488 609 1,207 2,557 28 3,792 4,812 (3) 2,923 1,892 492 1,400	<u>s</u>	(1) 5 29 (84) (51) (96) (435) (582) (423) (152) 500 (771) (774) 3 67,811 199,298 23,115

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

Quarterly Results by Business Segment and All Other (continued) (Dollars in millions)

					Fourth Qua	arter 201	7			
	Total Corporation		Consumer Banking		GWIM	Glo	bal Banking	Global Markets		All Other
Net interest income	\$ 11,869	s	6,326	\$	1,515	\$	2,746	\$ 1,075	\$	207
Noninterest income										
Fees and commissions:										
Card income	1,500		1,307		43		127	23		_
Service charges	1,955		1,073		18		775	84		5
Investment and brokerage services	3,522		84		2,920		24	501		(7)
Investment banking fees	1,418	l			71		811	596		(60)
Total fees and commissions	8,395		2,464		3,052		1,737	1,204		(62)
Trading account income (loss)	1,012		1		24		53	935		(1)
Other income (loss)	(644)		112		95		515	185		(1,551)
Total noninterest income (loss)	8,763		2,577		3,171		2,305	2,324		(1,614)
Total revenue, net of interest expense	20,632		8,903		4,686		5,051	3,399		(1,407)
Provision for credit losses	1,001		886		6		132	162		(185)
Noninterest expense	13,219		4,495		3,481		2,190	\$ 1,075 23 84 501 596 1,204 935 185 2,324 3,399 162 2,659 578 194 \$ 384 \$ 73,552 659,412 34,250 \$ 76,778 629,013 34,029 Global Markets \$ 1,025		394
Income (loss) before income taxes	6,412		3,522		1,199	Global Banking Global Markets S 2,746 S 1,075		(1,616)		
Income tax expense	4,047		1,350		460		1,047	194		996
Net income (loss)	\$ 2,365	\$	2,172	\$	739	\$	1,682	\$ 384	\$	(2,612)
Average								746 \$ 1,075 127 23 775 84 24 501 811 596 737 1,204 53 935 515 185 305 2,324 0051 3,399 132 162 190 2,659 729 578 047 194 682 \$ 384 262 \$ 73,552 758 659,412 761 34,250 268 \$ 76,778 459 629,013 273 34,029 284 668 \$ 1,025 285 187 1,224 (5) 1,591 669 64 3351 2,879 019 3,904 48 (6) 154 2,759 817 1,151 061 423		
Total loans and leases	Capporation Shanking CaWIM Cibbal Bunking Cibbal Murkets	71,197								
Total assets (1)				,		.			,	207,609
Total deposits										23,899
Quarter end	1,2,5,5,72		005,550		210,120		323,701	31,230		23,077
Total loans and leases	\$ 936.749	s	280 473	s	159 378	s	350 668	\$ 76.778	s	69,452
Total assets (1)		3		J		Ψ			y.	193,114
			747,520		204,322		423,437			
Total deposits	1,309,545		676,530			rter 2017		34,029		22,719
Total deposits	Total Corporation		Consumer		Third Qua		7			All Other
Net interest income	Total Corporation	\$	Consumer Banking	<u> </u>	Third Qua	Glo	7 bal Banking	Global Markets	<u> </u>	All
Net interest income Noninterest income	Total Corporation	s	Consumer Banking	s	Third Qua	Glo	7 bal Banking	Global Markets	\$	All Other
Net interest income	Total Corporation	\$	Consumer Banking	\$	Third Qua	Glo	7 bal Banking	Global Markets	\$	All Other
Net interest income Noninterest income	Total Corporation \$ 11,540	S	Consumer Banking 6,187	s	Third Qua GWIM 1,492	Glo	7 bal Banking 2,668	Global Markets \$ 1,025	\$	All Other 168
Net interest income Noninterest income Fees and commissions:	Total Corporation \$ 11,540	s	Consumer Banking 6,187	\$	Third Qua GWIM 1,492	Glo	7 bal Banking 2,668	Global Markets \$ 1,025	\$	All Other
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services	Total Corporation \$ 11,540 1,369 1,968 3,437	s	Consumer Banking 6,187 1,193 1,082	\$	Third Qua GWIM 1,492 40 19 2,854	Glo	7 2,668 117 776 18	Global Markets \$ 1,025 19 85 496	\$	All Other 168 — 6 (5)
Net interest income Noninterest income Fees and commissions: Card income Service charges	Total Corporation \$ 11,540 1,369 1,968 3,437	s	Consumer Banking 6,187 1,193 1,082	s	Third Qua GWIM 1,492 40 19 2,854	Glo	7 2,668 117 776 18	Global Markets \$ 1,025 19 85 496	s	All Other 168 — 6 (5)
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251	s	Consumer Banking 6,187 1,193 1,082 74	s	Third Qua GWIM 1,492 40 19 2,854 100 3,013	Glo	7 2,668 117 776 18 806 1,717	Global Markets \$ 1,025 19 85 496 624 1,224	\$	All Other 168 6 (5) (53)
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss)	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251	s	Consumer Banking 6,187 1,193 1,082 74 —— 2,349	s	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29	Glo	7 2,668 117 776 18 806 1,717 (5)	Global Markets \$ 1,025 19 85 496 624 1,224	\$	All Other 168 —— 6 (5) (53) (52) 98
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss)	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514	S	Consumer Banking 6,187 1,193 1,082 74 —— 2,349	s	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92	Glo	7 2,668 117 776 18 806 1,717 (5) 639	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64	s	All Other 168 — 6 (5) (53) (52) 98 (466)
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss)	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514	s	Consumer Banking 6,187 1,193 1,082 74 ———————————————————————————————————	s	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92	Glo	7 2,668 117 776 18 806 1,717 (5) 639	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64	s	All Other 168 — 6 (5) (53) (52) 98 (466)
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss)	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514 10,479	Consumer action Consumer Consumer action Consumer Consumer Consumer action Consumer Consumer	s	All Other 168 — 6 (5) (53) (52) 98 (466)						
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss)	Total Curporation Consumer Bushing CWM Global Bushing Global Markets \$ 11,569 \$ 6,326 \$ 1,515 \$ 2,746 \$ 1,075 \$ 1,500 1,307 43 127 23 1,955 1,973 18 72 84 3,522 84 2,900 24 501 1,448 — 71 811 596 8,905 2,664 3,052 1,737 1,001 1,012 1 24 55 995 6644) 112 95 515 188 8,763 2,277 3,171 2,006 2,234 1,001 856 6 132 162 1,1219 4,408 3,481 2,109 2,259 6,412 3,522 1,199 2,729 578 4,047 1,250 460 1,047 194 5 2,27,700 \$ 275,716 \$ 157,063 \$ 380,262 \$ 73,552 <	All Other 168 6 (5) (53) (52) 98 (466) (420) (252)								
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense	Total Corporation \$ 11,540 11,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834	<u>s</u>	Consumer Banking 6,187 1,193 1,082 74 — 2,349 1 185 2,535 8,722 967	s	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16	Glo	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	All Other 168 6 (5) (53) (52) 98 (466) (420) (252)
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses	Total Corporation \$ 11,540 11,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334	<u>s</u>	Consumer Banking 6,187 1,193 1,082 74 —— 2,349 1 185 2,535 8,722 967 4,443	s	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393	Glo	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154	\$ 1,075 \$ 23 84 501 596 1,204 935 185 2,324 3,399 162 2,659 578 194 \$ 384 \$ \$ 73,552 \$ 659,412 34,250 \$ 76,778 \$ 629,013 34,029 Global Markets \$ 1,025 \$ 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423 \$ 72,8 \$	s	All Other 168 6 (5) (53) (52) 98 (466) (420) (252) (191) 585
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851	S	Consumer Banking 6,187 1,193 1,082 74 — 2,349 1 185 2,535 8,722 967 4,443 3,312	s	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217	Glo	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151	s	All Other 168 6 (5) (53) (52) 98 (466) (420) (252) (191) 585
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes	Total Corporation Consumer Banking GWIM Global Banking Global No. \$ 11,860 \$ 6,326 \$ 11,515 \$ 2,746 \$ 1.515 \$ 2,746 \$ 1.515 \$ 2,746 \$ 1.515 \$ 2,746 \$ 2,746 \$ 2,746 \$ 2,746 \$ 2,746 \$ 2,746 \$ 2,746 \$ 2,746 \$ 2,746 \$ 2,745 \$ 2,745 \$ 2,775 \$ 2,775 \$ 2,775 \$ 3,752 \$ 44 \$ 2,900 \$ 24 \$ 3,522 \$ 44 \$ 2,900 \$ 24 \$ 3,522 \$ 44 \$ 2,900 \$ 24 \$ 3,522 \$ 1,737 \$ 1,002 \$ 1 \$ 24 \$ 3,533 \$ 2,664 \$ 3,622 \$ 1,737 \$ 1,002 \$ 1 \$ 24 \$ 3,53 \$ 2,664 \$ 3,622 \$ 1,737 \$ 1,002 \$ 2,006 \$ 2,006 \$ 2,006 \$ 2,006 \$ 2,006 \$ 2,006 \$ 2,006 \$ 2,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006 \$ 3,006<	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423		All Other 168 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646)						
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit)	Total Corporation \$ 11,540 11,369 11,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851 2,427		Consumer Banking 6,187 1,193 1,082 74 — 2,349 1 185 2,535 8,722 967 4,443 3,312 1,247		Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217 458	Glo	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817 1,061	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423		All Other 168 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646) (762)
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851 2,427 \$ 5,424		Consumer Banking 6,187 1,193 1,082 74 —— 2,349 1 185 2,535 8,722 967 4,443 3,312 1,247 2,065	<u> </u>	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217 458 759	S	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817 1,061 1,756	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423 \$ 728	<u> </u>	All Other 168 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646) (762)
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851 2,427 \$ 5,424		Consumer Banking 6,187 1,193 1,082 74 —— 2,349 1 185 2,535 8,722 967 4,443 3,312 1,247 2,065	<u> </u>	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217 458 759	S	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817 1,061 1,756	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423 \$ 728	<u> </u>	All Other 168 — 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646) (762) 116
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851 2,427 \$ 5,424		Consumer Banking 6,187 1,193 1,082 74 —— 2,349 1 185 2,535 8,722 967 4,443 3,312 1,247 2,065	<u> </u>	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217 458 759	S	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817 1,061 1,756	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423 \$ 728	<u> </u>	All Other 168 — 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646) (762) 116
Net interest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total assets (1)	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851 2,427 \$ 5,424		Consumer Banking 6,187 1,193 1,082 74 —— 2,349 1 185 2,535 8,722 967 4,443 3,312 1,247 2,065 268,810 731,077	<u> </u>	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217 458 759	S	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817 1,061 1,756	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423 \$ 728 \$ 72,347 642,429	<u> </u>	All Other 168 — 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646) (762) 116
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total assets (1) Total deposits	Total Corporation \$ 11,540 1,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851 2,427 \$ 5,424		Consumer Banking 6,187 1,193 1,082 74 —— 2,349 1 185 2,535 8,722 967 4,443 3,312 1,247 2,065 268,810 731,077	<u> </u>	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217 458 759	S	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817 1,061 1,756	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423 \$ 728 \$ 72,347 642,429	<u> </u>	All Other 168 — 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646) (762) 116
Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income (loss) Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income Average Total loans and leases Total deposits Quarter end	Total Corporation \$ 11,540 11,369 1,968 3,437 1,477 8,251 1,714 514 10,479 22,019 834 13,334 7,851 2,427 \$ 5,424 \$ 918,129 2,271,104 1,271,711	<u> </u>	Consumer Banking 6,187 1,193 1,082 74 — 2,349 1 185 2,535 8,722 967 4,443 3,312 1,247 2,065 268,810 731,077 658,974	<u>s</u>	Third Qua GWIM 1,492 40 19 2,854 100 3,013 29 92 3,134 4,626 16 3,393 1,217 458 759 154,333 275,570 239,647	Glo	7 2,668 117 776 18 806 1,717 (5) 639 2,351 5,019 48 2,154 2,817 1,061 1,756 346,093 416,144 315,692	Global Markets \$ 1,025 19 85 496 624 1,224 1,591 64 2,879 3,904 (6) 2,759 1,151 423 \$ 728 \$ 72,347 642,429 32,125		All Other 168 6 (5) (53) (52) 98 (466) (420) (252) (191) 585 (646) (762) 116 76,546 205,884 25,273

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

Quarterly Results by Business Segment and All Other (continued)

(Dollars in millions)

(Donars in millions)						Second Qu	arter 201	17				
	-	Total Corporation		Consumer Banking		GWIM			Glo	obal Markets		All Other
Net interest income	\$	11,372	\$	5,941	\$	1,596	\$	2,559	\$	999	\$	277
Noninterest income												
Fees and commissions:												
Card income		1,412		1,202		34		127		22		27
Service charges		1,977		1,061		19		809		83		5
Investment and brokerage services		3,460		77		2,829		38		521		(5)
Investment banking fees		1,532	l	_		96		929		590		(83)
Total fees and commissions		8,381		2,340		2,978		1,903		1,216		(56)
Trading account income		1,824		1		32		54		1,611		126
Other income		1,432		180		97		546		123		486
Total noninterest income		11,637	l	2,521		3,107		2,503		2,950		556
Total revenue, net of interest expense		23,009		8,462		4,703		5,062		3,949		833
Provision for credit losses		726		834		11		15		25		(159)
Noninterest expense		13,925		4,406		3,418		2,190		2,705		1,206
Income (loss) before income taxes		8,358		3,222		1,274		2,857		1,219		(214)
Income tax expense	Corporation Banking GWIM Global Banking Global Markets \$ 11,372 \$ 5,941 \$ 1,596 \$ 2,559 \$ 999 \$ 1,412 1,202 34 127 22 1,977 1,061 19 809 83 3,460 77 2,829 38 521 1,532 — 96 929 590 8,381 2,340 2,978 1,903 1,216 1,824 1 32 54 1,611 1,432 180 97 546 123 1,1637 2,521 3,107 2,503 2,950 23,009 8,462 4,703 5,062 3,349 726 834 11 15 25 13,925 4,406 3,418 2,190 2,705 8,358 3,222 1,274 2,857 1,219 3,252 1,217 481 1,079 422 \$ 5,106 \$ 2	53										
Net income (loss)	\$	5,106	\$	2,005	\$	793	\$	1,778	\$	999 \$ 22 83 521 590 1,216 1,611 123 2,950 3,949 25 2,705 1,219 422 797 \$ 69,638 \$ 645,229 31,919 73,973 \$ 633,190 33,363 sobal Markets 1,165 \$ 19 77 531 666 1,293 2,066 186 3,545 4,710 (17) 2,874	\$	(267)
Average												
Total loans and leases	\$	914,717	\$	261,537	\$	150,812	\$	345,063	\$	69,638	\$	87,667
Total assets (1)												202,983
Total deposits												26,320
Ouarter end												
Total loans and leases	s	916,666	s	265,938	s	153,468	s	344,457	s	73,973	\$	78,830
Total assets (1)			Ů									199,741
Total deposits												26,603
	-											All
			_		_						_	Other
Net interest income	\$	11,383	S	5,749	\$	1,549	\$	2,642	\$	1,165	\$	278
Noninterest income												
Fees and commissions:												
Card income												39
Service charges												6
Investment and brokerage services				82		2,791		17				(4)
Investment banking fees		1,584								999 \$ 22 83 521 590 1,216 1,611 123 2,950 3,949 25 2,705 1,219 422 797 \$ 69,638 \$ 645,229 31,919 73,973 \$ 633,190 33,363 Global Markets 1,165 \$ 19 77 531 666 1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627		
Total fees and commissions					_	51		925		666		(58)
				2,314	_	51 2,898		925 1,826		666 1,293		(58) (17)
Trading account income		2,220		_		51 2,898 59		925 1,826 32		1,293 2,066		(58) (17) 63
Trading account income Other income (loss)	_	2,220 474				51 2,898 59 78	_	925 1,826 32 493		1,293 2,066 186	_	(58) (17) 63 (437)
Trading account income Other income (loss) Total noninterest income (loss)		2,220 474 11,008		— 154 2,468	_	51 2,898 59 78 3,035		925 1,826 32 493 2,351		1,293 2,066 186 3,545		(58) (17) 63 (437) (391)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense		2,220 474 11,008 22,391	_		_	51 2,898 59 78 3,035 4,584		925 1,826 32 493 2,351 4,993		1,293 2,066 186 3,545 4,710		(58) (17) 63 (437) (391) (113)
Trading account income Other income (loss) Total noninterest income (loss)		2,220 474 11,008 22,391	_		_	51 2,898 59 78 3,035 4,584		925 1,826 32 493 2,351 4,993		1,293 2,066 186 3,545 4,710		(58) (17) 63 (437) (391) (113)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense	_	2,220 474 11,008 22,391 835		154 2,468 8,217 838	_	51 2,898 59 78 3,035 4,584 23		925 1,826 32 493 2,351 4,993		666 1,293 2,066 186 3,545 4,710 (17)		(58) (17) 63 (437) (391) (113)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses	=	2,220 474 11,008 22,391 835 14,039		154 2,468 8,217 838 4,503		51 2,898 59 78 3,035 4,584 23 3,478		925 1,826 32 493 2,351 4,993 17 2,277		666 1,293 2,066 186 3,545 4,710 (17) 2,874		(58) (17) 63 (437) (391) (113) (26) 907
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense		2,220 474 11,008 22,391 835 14,039		154 2,468 8,217 838 4,503 2,876	_	51 2,898 59 78 3,035 4,584 23 3,478		925 1,826 32 493 2,351 4,993 17 2,277 2,699		666 1,293 2,066 186 3,545 4,710 (17) 2,874		(58) (17) 63 (437) (391) (113) (26)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes	\$	2,220 474 11,008 22,391 835 14,039 7,517 2,180	\$	154 2,468 8,217 838 4,503 2,876 1,083	\$	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408	s	925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017	\$	666 1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627	\$	(58) (17) 63 (437) (391) (113) (26) 907 (994) (955)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss)	<u> </u>	2,220 474 11,008 22,391 835 14,039 7,517 2,180	\$	154 2,468 8,217 838 4,503 2,876 1,083	<u> </u>	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408	\$	925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017	<u> </u>	666 1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627	\$	(58) (17) 63 (437) (391) (113) (26) 907 (994) (955)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss)		2,220 474 11,008 22,391 835 14,039 7,517 2,180 5,337		154 2,468 8,217 838 4,503 2,876 1,083 1,793	_	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408 675		925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017 1,682		666 1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627 1,226		(58) (17) 63 (437) (113) (26) 907 (994) (955) (39)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases	<u>s</u>	2,220 474 11,008 22,391 835 14,039 7,517 2,180 5,337	<u> </u>	154 2,468 8,217 838 4,503 2,876 1,083 1,793	<u>s</u>	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408 675	<u></u>	925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017 1,682	<u>s</u>	1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627 1,226	<u>s</u>	(58) (17) 63 (437) (391) (113) (26) 907 (994) (955) (39)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total assets (1)		2,220 474 11,008 22,391 835 14,039 7,517 2,180 5,337		154 2,468 8,217 838 4,503 2,876 1,083 1,793	_	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408 675		925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017 1,682 342,857 416,950		1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627 1,226		(58) (17) 63 (437) (391) (113) (26) 907 (994) (955) (39) 94,873 206,608
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total assets (1) Total deposits		2,220 474 11,008 22,391 835 14,039 7,517 2,180 5,337		154 2,468 8,217 838 4,503 2,876 1,083 1,793	_	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408 675		925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017 1,682		1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627 1,226		(58) (17) 63 (437) (391) (113) (26) 907 (994) (955) (39)
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total deposits Quarter end	\$	2,220 474 11,008 22,391 835 14,039 7,517 2,180 5,337 914,144 2,231,649 1,256,632	s		\$	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408 675	\$	925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017 1,682 342,857 416,950 305,197	s	666 1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627 1,226 70,064 607,012 33,158	\$	(58) (17) 63 (437) (113) (26) 907 (994) (955) (39) 94,873 206,608 25,297
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total deposits Quarter end Total loans and leases		2,220 474 11,008 22,391 835 14,039 7,517 2,180 5,337 914,144 2,231,649 1,256,632		154 2,468 8,217 838 4,503 2,876 1,083 1,793 257,945 707,647 635,594	_	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408 675 148,405 293,432 257,386		925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017 1,682 342,857 416,950 305,197		666 1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627 1,226 70,064 607,012 33,158 71,053		(58) (17) 63 (437) (113) (26) 907 (994) (955) (39) 94,873 206,608 25,297
Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total assets (1) Total deposits Quarter end	\$	2,220 474 11,008 22,391 835 14,039 7,517 2,180 5,337 914,144 2,231,649 1,256,632	s		\$	51 2,898 59 78 3,035 4,584 23 3,478 1,083 408 675	\$	925 1,826 32 493 2,351 4,993 17 2,277 2,699 1,017 1,682 342,857 416,950 305,197	s	666 1,293 2,066 186 3,545 4,710 (17) 2,874 1,853 627 1,226 70,064 607,012 33,158	\$	(58) (17) 63 (437) (391) (113) (26) 907 (994) (955) (39) 94,873 206,608 25,297

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

Annual Results by Business Segment and All Other

	·	0
(D-II)		

				Year Ended Dec	ember 31, 2018				
		Total orporation	Consumer Banking	GWIM	Global Banking	Global	l Markets		All Other
Net interest income	\$		\$ 27,025	\$ 6,265	\$ 10,993	\$	3,857	\$	632
Noninterest income									
Fees and commissions:									
Card income		5,824	5,102	127	511		84		_
Service charges		7,767	4,300	73	3,027		345		22
Investment and brokerage services		14,160	319	11,959	94		1,780		8
Investment banking fees		5,327	(1)	337	2,891		2,296		(196)
Total fees and commissions		33,078	9,720	12,496	6,523		4,505	_	(166)
Trading account income		7,869	8	112	260		7,260		229
Other income (loss)		1,911	865	580	2,225		561		(2,320)
Total noninterest income (loss)		42,858	10,593	13,188	9,008		12,326		(2,257)
Total revenue, net of interest expense		91,630	37,618	19,453	20,001		16,183		(1,625)
Provision for credit losses		3,282	3,664	86	8		_		(476)
Noninterest expense		53,154	17,687	14,006	8,745		10,835		1,881
Income (loss) before income taxes		35,194	16,267	5,361	11,248		5,348		(3,030)
Income tax expense (benefit)		7,047	4,146	1,366	2,923		1,390		(2,778)
Net income (loss)	\$	28,147	\$ 12,121	\$ 3,995	\$ 8,325	\$	3,958	\$	(252)
Average									
Total loans and leases	\$	933,049	\$ 283,807	\$ 161,342	\$ 354,236	\$	72,651	\$	61,013
Total assets (1)		2,325,246	756,373	277,220	425,675		666,000		199,978
Total deposits		1,314,941	684,173	241,256	336,337		31,209		21,966
Year end				\$ 164,854	\$ 365,717	\$	73,928	\$	48,061
Year end Total loans and leases	\$	946,895	\$ 294,335						
		946,895 2,354,507			442,330		641,923		195,466
Total loans and leases			\$ 294,335 768,881 696,146	305,907 268,700	442,330 360,248		641,923 37,841		195,466 18,541
Total loans and leases Total assets (1)	_	2,354,507 1,381,476	768,881 696,146 Consumer	305,907 268,700 Year Ended Dec	360,248 ember 31, 2017		37,841		18,541 All
Total loans and leases Total assets (1) Total deposits	Co	2,354,507 1,381,476 Total	768,881 696,146 Consumer Banking	305,907 268,700 Year Ended Dec	360,248 ember 31, 2017 Global Banking	Global	37,841	<u> </u>	All Other
Total loans and leases Total assets (1) Total deposits Net interest income	_	2,354,507 1,381,476 Total	768,881 696,146 Consumer	305,907 268,700 Year Ended Dec	360,248 ember 31, 2017		37,841	\$	18,541 All
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income	Co	2,354,507 1,381,476 Total	768,881 696,146 Consumer Banking	305,907 268,700 Year Ended Dec	360,248 ember 31, 2017 Global Banking	Global	37,841	\$	All Other
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions:	Co	2,354,507 1,381,476 Total reporation 46,164	768,881 696,146 Consumer Banking \$ 24,203	305,907 268,700 Year Ended Dec GWIM \$ 6,152	360,248 ember 31, 2017 Global Banking \$ 10,615	Global	37,841 1 Markets 4,264	\$	All Other 930
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income	Co	2,354,507 1,381,476 Total reporation 46,164	768,881 696,146 Consumer Banking \$ 24,203	305,907 268,700 Year Ended Dec GWIM \$ 6,152	360,248 ember 31, 2017 Global Banking \$ 10,615	Global	37,841 1 Markets 4,264	\$	All Other
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818	768,881 696,146 Consumer Banking \$ 24,203	305,907 268,700 Year Ended Dec GWIM \$ 6,152	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125	Global	37,841 I Markets 4,264 83 329	\$	All Other 930 66 22
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836	768,881 696,146 Consumer Banking \$ 24,203	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97	Global	37,841 1 Markets 4,264 83 329 2,049	\$	All Other 930 666 22 (21)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 —	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471	Global	37,841 1 Markets 4,264 83 329 2,049 2,476	\$	All Other 930 66 22 (21) (254)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183	Global	37,841 1 Markets 4,264 83 329 2,049 2,476 4,937	\$	All Other 930 66 22 (21) (254)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income	Co	2,354,507 1,381,476 Total apporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134	Global	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203	s	All Other 930 66 22 (21) (254) (187)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss)	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193	Global	37,841 1 Markets 4,264 83 329 2,049 2,476 4,937 6,203 558	s	All Other 930 666 22 (21) (254) (187) 286 (1,968)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss)	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510	Global	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698	s	All Other 930 66 22 (21) (254) (187) 286 (1,968) (1,869)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125	Global	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962	\$	All Other 930 66 22 (21) (254) (187) 286 (1,968) (1,869)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total revenue, net of interest expense Provision for credit losses	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212	Global	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164	s	All Other 930 66 22 (21) (254) (187) 286 (1,968) (1,869) (939)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811	Global	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997	s	All Other 930 66 22 (21) (254) (187) 286 (1,968) (1,869) (939) (561) 3,092
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102	Global	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801	s	All Other 930 66 22 (21) (254) (187) 286 (1,968) (1,869) (939) (561) 3,092
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income (loss) before income taxes Income tax expense (benefit)		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204	Global \$	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666		All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes	Co	2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102	Global	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801	<u>s</u>	All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss)		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204	Global \$	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666		All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income (loss) before income taxes Income tax expense (benefit)		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906 18,232	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897 \$ 8,035	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807 \$ 2,966	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204 \$ 6,898	Global \$	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666 3,135		All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss)		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906 18,232	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897 \$ 8,035	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807 \$ 2,966 \$ 152,682	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204 \$ 6,898	Global S	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666 3,135	<u> </u>	All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668) (2,802)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total assets (1)		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906 18,232	T68,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 —— 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897 \$ 8,035 \$ 266,058 725,406	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807 \$ 2,966 \$ 152,682 281,517	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204 \$ 6,898 \$ 346,089 417,260	Global S	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666 3,135 71,413 638,675	<u> </u>	All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668) (2,802)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total noninterest income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906 18,232	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897 \$ 8,035	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807 \$ 2,966 \$ 152,682	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204 \$ 6,898	Global S	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666 3,135	<u> </u>	All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668) (2,802)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total assets (1) Total deposits		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906 18,232 918,731 2,268,633 1,269,796	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897 \$ 8,035 \$ 266,058 725,406 653,320	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807 \$ 2,966 \$ 152,682 281,517 245,559	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204 \$ 6,898 \$ 346,089 417,260 312,859	Global \$	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666 3,135 71,413 638,675 32,864	<u>s</u>	All Other 930 666 22 (21) (254) (187) 286 (1,968) (3,470) (668) (2,802)
Total loans and leases Total assets (1) Total deposits Net interest income Noninterest income Fees and commissions: Card income Service charges Investment and brokerage services Investment banking fees Total fees and commissions Trading account income Other income (loss) Total revenue, net of interest expense Provision for credit losses Noninterest expense Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Average Total loans and leases Total assets (1) Total deposits Year end		2,354,507 1,381,476 Total reporation 46,164 5,676 7,818 13,836 6,011 33,341 6,770 1,776 41,887 88,051 3,396 54,517 30,138 11,906 18,232 918,731 2,268,633 1,269,796	768,881 696,146 Consumer Banking \$ 24,203 4,884 4,266 317 — 9,467 3 631 10,101 34,304 3,525 17,847 12,932 4,897 \$ 8,035 \$ 266,058 725,406 653,320	305,907 268,700 Year Ended Dec GWIM \$ 6,152 153 76 11,394 318 11,941 144 362 12,447 18,599 56 13,770 4,773 1,807 \$ 2,966 \$ 152,682 281,517	360,248 ember 31, 2017 Global Banking \$ 10,615 490 3,125 97 3,471 7,183 134 2,193 9,510 20,125 212 8,811 11,102 4,204 \$ 6,898 \$ 346,089 417,260	S S	37,841 I Markets 4,264 83 329 2,049 2,476 4,937 6,203 558 11,698 15,962 164 10,997 4,801 1,666 3,135 71,413 638,675	<u> </u>	All Other 930 66 22 (21) (254) (187) 286 (1,968) (3,470) (668) (2,802)

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

Annual Results by Business Segment and All Other (continued)

(Dollars in millions)

				Y	ear Ended Dece	mber 3	1, 2016			
	Total Corporation		Consumer Banking		GWIM	Glo	bal Banking	Glo	bal Markets	All Other
et interest income	\$ 42,386	s	21,234	\$	5,738	\$	9,540	\$	4,884	\$ 990
oninterest income										
Fees and commissions:										
Card income	5,648		4,782		149		472		65	180
Service charges	7,638		4,142		74		3,094		312	16
Investment and brokerage services	13,349		320		10,874		74		2,102	(21)
Investment banking fees	 5,241		2		227		2,884		2,296	 (168)
Total fees and commissions	31,876		9,246		11,324		6,524		4,775	7
Trading account income	6,582		_		175		133		6,231	43
Other income (loss)	 3,554		1,039		391		2,283		198	 (357)
otal noninterest income (loss)	 42,012		10,285		11,890		8,940		11,204	(307)
Total revenue, net of interest expense	84,398		31,519		17,628		18,480		16,088	683
rovision for credit losses	3,597		2,715		68		883		31	(100)
oninterest expense	54,880		17,723		13,374		8,673		10,413	4,697
Income (loss) before income taxes	25,921		11,081		4,186		8,924		5,644	(3,914)
come tax expense (benefit)	8,099		4,083		1,548		3,289		1,978	(2,799)
Net income (loss)	\$ 17,822	\$	6,998	\$	2,638	\$	5,635	\$	3,666	\$ (1,115)
verage										
Total loans and leases	\$ 900,433	\$	245,808	\$	142,429	\$	333,820	\$	69,641	\$ 108,735
Total assets (1)	2,190,218		668,375		291,479		397,886		585,327	247,151
Total deposits	1,222,561		599,651		256,425		304,741		34,239	27,505
ear end										
Total loans and leases	\$ 906,683	s	258,991	\$	148,179	\$	339,271	\$	72,743	\$ 87,499
Total assets (1)	2,188,067		702,335		298,932		409,271		566,062	211,467
Total deposits	1,260,934		632,786		262,530		307,630		34,927	23,061

 $[\]overline{\mbox{\sc (i.e.,}}$ 1) Total assets include asset allocations to match liabilities (i.e., deposits).

Bank of America Corporation and Subsidiaries Consumer Banking Segment Results

Net interest income Noninterest income: Card income Service charges	2018 \$ 27,025 5,102 4,300		2017 24,203	<u> </u>	2016	Fo	urth Quarter	TI	hird Quarter											
Noninterest income: Card income	\$ 27,025 5,102	s		s	2016						Second	rst Quarter	For	ırth Quarter	Thi	ird Quarter		Second		irst Quarter
Noninterest income: Card income	5,102	S	24,203	s		_	2018	_	2018		uarter 2018	 2018	- 10.	2017		2017	Q	uarter 2017	_	2017
Card income					21,234	\$	7,111	\$	6,844	\$	6,593	\$ 6,477	\$	6,326	\$	6,187	\$	5,941	\$	5,749
Service charges	4,300		4,884		4,782		1,339		1,237		1,292	1,234		1,307		1,193		1,202		1,182
Service charges			4,266		4,142		1,086		1,098		1,072	1,044		1,073		1,082		1,061		1,050
All other income	1,191		951		1,361		427		263		276	225		197		260		258		236
Total noninterest income	10,593		10,101		10,285		2,852		2,598		2,640	2,503		2,577		2,535		2,521		2,468
Total revenue, net of interest expense	37,618		34,304		31,519		9,963		9,442		9,233	8,980		8,903		8,722		8,462		8,217
Provision for credit losses	3,664		3,525		2,715		915		870		944	935		886		967		834		838
Noninterest expense	17,687		17,847		17,723		4,442		4,328		4,369	4,548		4,495		4,443		4,406		4,503
Income before income taxes	16,267		12,932		11,081		4,606		4,244		3,920	3,497		3,522		3,312		3,222		2,876
Income tax expense	4,146		4,897		4,083		1,173		1,081		999	893	_	1,350		1,247		1,217		1,083
Net income	\$ 12,121	<u>s</u>	8,035	\$	6,998	\$	3,433	S	3,163	\$	2,921	\$ 2,604	\$	2,172	\$	2,065	S	2,005	\$	1,793
Net interest yield	3.77%		3.53%		3.37%		3.92%		3.77%		3.67%	3.71%		3.59%		3.55%		3.47%		3.49%
Return on average allocated capital (1)	33		22		21		37		34		32	29		23		22		22		20
Efficiency ratio	47.02		52.03		56.23		44.58		45.83		47.33	50.64		50.49		50.93		52.07		54.81
Balance Sheet																				
Average																				
Total loans and leases	\$ 283,807	\$	266,058	s	245,808	\$	289,862	s	284,994	s	280,689	\$ 279,557	\$	275,716	\$	268,810	s	261,537	s	257,945
Total earning assets (2)	717,189		686,602		629,982		719,329		720,643		720,871	707,746		698,995		692,113		686,055		668,853
Total assets (2)	756,373		725,406		668,375		759,027		759,665		759,982	746,647		737,755		731,077		724,753		707,647
Total deposits	684,173		653,320		599,651		686,826		687,530		687,812	674,351		665,536		658,974		652,787		635,594
Allocated capital (1)	37,000		37,000		34,000		37,000		37,000		37,000	37,000		37,000		37,000		37,000		37,000
Period end																				
Total loans and leases	\$ 294,335	\$	280,473	s	258,991	\$	294,335	s	287,277	\$	283,565	\$ 279,055	\$	280,473	\$	272,360	\$	265,938	s	258,421
Total earning assets (2)	728,813		709,825		662,689		728,813		726,486		729,029	735,241		709,825		703,271		696,342		694,873
Total assets (2)	768,881		749,326		702,335		768,881		765,498		768,188	774,257		749,326		742,514		735,177		734,088
Total deposits	696,146		676,530		632,786		696,146		692,770		695,530	701,488		676,530		669,647		662,678		661,607

⁽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 Consumer Banking Quarterly Results

	0 •	·
(Dollars in millions)		

(Dollars in millions)											
	-		Fourth	Quarter 2018					Thire	d Quarter 2018	
	Total Co	nsumer Banking		Deposits		Consumer Lending	Tota	Consumer Banking		Deposits	Consumer Lending
Net interest income	\$	7,111	\$	4,280	s	2,831	s	6,844	s	4,052	\$ 2,792
Noninterest income:											
Card income		1,339		(8)		1,347		1,237		(10)	1,247
Service charges		1,086		1,084		2		1,098		1,098	_
All other income		427		255		172		263		189	74
Total noninterest income		2,852		1,331		1,521		2,598		1,277	 1,321
Total revenue, net of interest expense		9,963		5,611		4,352		9,442		5,329	4,113
Provision for credit losses		915		60		855		870		48	822
Noninterest expense		4,442		2,669		1,773		4,328		2,622	1,706
Income before income taxes		4,606		2,882		1,724		4,244		2,659	1,585
Income tax expense		1,173		734		439		1,081		677	404
Net income	\$	3,433	\$	2,148	\$	1,285	\$	3,163	\$	1,982	\$ 1,181
Net interest yield		3.92%		2.48%		3.94%		3.77%		2.34%	3.95%
Return on average allocated capital (1)		37		71		20		34		66	19
Efficiency ratio		44.58		47.56		40.74		45.83		49.20	41.47
Balance Sheet											
Average											
Total loans and leases	\$	289,862	\$	5,302	\$	284,560	s	284,994	S	5,269	\$ 279,725
Total earning assets (2)		719,329		684,600		284,920		720,643		685,653	280,637
Total assets (2)		759,027		713,679		295,539		759,665		713,942	291,370
Total deposits		686,826		681,478		5,348		687,530		681,726	5,804
Allocated capital (1)		37,000		12,000		25,000		37,000		12,000	25,000
Period end											
Total loans and leases	\$	294,335	\$	5,470	\$	288,865	s	287,277	s	5,276	\$ 282,001
Total earning assets (2)		728,813		694,672		289,249		726,486		690,960	282,921
Total assets (2)		768,881		724,019		299,970		765,498		719,127	293,766
Total deposits		696,146		691,666		4,480		692,770		686,723	6,047

			Secor	d Quarter 2018				Firs	t Quarter 2018	
	Total C	Consumer Banking		Deposits	Consumer Lending	То	tal Consumer Banking		Deposits	Consumer Lending
Net interest income	\$	6,593	\$	3,895	\$ 2,698	s	6,477	s	3,712	\$ 2,765
Noninterest income:										
Card income		1,292		(8)	1,300		1,234		(7)	1,241
Service charges		1,072		1,072	_		1,044		1,044	_
All other income		276		188	88		225		130	95
Total noninterest income		2,640		1,252	1,388		2,503		1,167	1,336
Total revenue, net of interest expense		9,233		5,147	4,086		8,980		4,879	4,101
Provision for credit losses		944		46	898		935		41	894
Noninterest expense		4,369		2,645	1,724		4,548		2,720	1,828
Income before income taxes		3,920		2,456	1,464		3,497		2,118	1,379
Income tax expense		999		626	373		893		541	352
Net income	\$	2,921	\$	1,830	\$ 1,091	\$	2,604	\$	1,577	\$ 1,027
Net interest yield		3.67%		2.28%	3.92%		3.71%		2.23%	4.08%
Return on average allocated capital (1)		32		61	18		29		53	17
Efficiency ratio		47.33		51.40	42.19		50.64		55.75	44.57
Balance Sheet										
Average										
Total loans and leases	\$	280,689	\$	5,191	\$ 275,498	s	279,557	s	5,170	\$ 274,387
Total earning assets (2)		720,871		686,324	276,436		707,746		673,633	274,748
Total assets (2)		759,982		714,494	287,377		746,647		701,418	285,864
Total deposits		687,812		682,202	5,610		674,351		668,983	5,368
Allocated capital (1)		37,000		12,000	25,000		37,000		12,000	25,000

Period end						
Total loans and leases	\$ 283,565	\$ 5,212	\$ 278,353	\$ 279,055	\$ 5,111	\$ 273,944
Total earning assets (2)	729,029	693,702	279,399	735,241	700,415	274,977
Total assets (2)	768,188	721,647	290,613	774,257	728,065	286,343
Total deposits	695,530	689,258	6,272	701,488	695,514	5,974

For footnotes, see page 22.

This information is preliminary and based on company data available at the time of the presentation.

Consumer Banking Quarterly Results (continued)

	_		Fou	rth Quarter 2017				Th	ird Quarter 2017	
	Total Co	onsumer Banking		Deposits	Consumer Lending	Total C	Consumer Banking		Deposits	Consumer Lending
Net interest income	\$	6,326	\$	3,525	\$ 2,801	s	6,187	s	3,418	\$ 2,769
Noninterest income:										
Card income		1,307		(8)	1,315		1,193		(10)	1,203
Service charges		1,073		1,072	1		1,082		1,082	_
All other income		197		117	80		260		118	142
Total noninterest income		2,577		1,181	 1,396		2,535		1,190	 1,345
Total revenue, net of interest expense		8,903		4,706	4,197		8,722		4,608	4,114
Provision for credit losses		886		53	833		967		47	920
Noninterest expense		4,495		2,696	1,799		4,443		2,631	 1,812
Income before income taxes		3,522		1,957	1,565		3,312		1,930	1,382
Income tax expense		1,350		750	600		1,247		727	520
Net income	<u>s</u>	2,172	\$	1,207	\$ 965	S	2,065	\$	1,203	\$ 862
Vet interest yield		3.59%		2.11%	4.10%		3.55%		2.06%	4.15
Return on average allocated capital (1)		23		40	15		22		40	14
Efficiency ratio		50.49		57.29	42.87		50.93		57.07	44.05
Balance Sheet										
Average										
Total loans and leases	\$	275,716	s	5,261	\$ 270,455	s	268,810	s	5,079	\$ 263,731
Total earning assets (2)		698,995		664,045	271,129		692,113		657,027	264,665
Total assets (2)		737,755		691,610	282,324		731,077		684,642	276,014
Total deposits		665,536		659,238	6,298		658,974		652,286	6,688
Allocated capital (1)		37,000		12,000	25,000		37,000		12,000	25,000
Period end										
Total loans and leases	\$	280,473	\$	5,143	\$ 275,330	s	272,360	\$	5,060	\$ 267,300
Total earning assets (2)		709,825		675,478	275,742		703,271		667,727	268,354
Total assets (2)		749,326		703,331	287,390		742,514		695,404	279,920
Total deposits		676,530		670,802	5,728		669,647		662,781	6,866

			Second	Quarter 2017			First Quarter 2017						
	Total Co	onsumer Banking		Deposits		Consumer Lending	Tot	tal Consumer Banking		Deposits		Consumer Lending	
Net interest income	\$	5,941	s	3,285	s	2,656	s	5,749	s	3,035	\$	2,714	
Noninterest income:													
Card income		1,202		(8)		1,210		1,182		(7)		1,189	
Service charges		1,061		1,061		_		1,050		1,050		_	
All other income		258		111		147		236		108		128	
Total noninterest income		2,521		1,164		1,357		2,468		1,151		1,317	
Total revenue, net of interest expense		8,462		4,449		4,013		8,217		4,186		4,031	
Provision for credit losses		834		46		788		838		55		783	
Noninterest expense		4,406		2,582		1,824		4,503		2,609		1,894	
Income before income taxes		3,222		1,821		1,401		2,876		1,522		1,354	
Income tax expense		1,217		688		529		1,083		573		510	
Net income	\$	2,005	\$	1,133	\$	872	\$	1,793	s	949	\$	844	
Net interest yield		3.47%		2.02%		4.14%		3.49%		1.94%		4.33%	
Return on average allocated capital (1)		22		38		14		20		32		14	
Efficiency ratio		52.07		58.05		45.44		54.81		62.36		46.96	
Balance Sheet													
Average													
Total loans and leases	\$	261,537	s	5,016	s	256,521	s	257,945	s	4,979	\$	252,966	
Total earning assets (2)		686,055		651,668		257,130		668,853		634,692		254,066	
Total assets (2)		724,753		678,816		268,680		707,647		661,769		265,783	
Total deposits		652,787		646,474		6,313		635,594		629,337		6,257	
Allocated capital (1)		37,000		12,000		25,000		37,000		12,000		25,000	

Period end								
Total loans and leases	\$ 265,938	\$ 5,039	\$ 260,89	99 S	258,421	s	4,938	\$ 253,483
Total earning assets (2)	696,342	661,568	261,69	96	694,873	66	0,878	254,291
Total assets (2)	735,177	688,801	273,29	98	734,088	68	8,278	266,106
Total deposits	662,678	656,374	6,30	04	661,607	65	5,714	5,893

⁽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 fro**ntil** 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.

This information is preliminary and based on company data available at the time of the presentation.

Bank of America Corporation and Subsidiaries Consumer Banking Annual Results

Consumer Danking Annual Results
(Dollars in millions)

		Y	ear Ended	December 31, 2018		Y	ear Ende	d December 31, 201	7		
	T	otal Consumer Banking		Deposits	Consumer Lending	To	otal Consumer Banking		Deposits		Consumer Lending
Net interest income	\$	27,025	\$	15,939	\$ 11,086	s	24,203	\$	13,263	s	10,940
Noninterest income:											
Card income		5,102		(33)	5,135		4,884		(33)		4,917
Service charges		4,300		4,298	2		4,266		4,265		1
All other income		1,191		762	429		951		454		497
Total noninterest income		10,593		5,027	 5,566		10,101		4,686		5,415
Total revenue, net of interest expense		37,618		20,966	16,652		34,304		17,949		16,355
Provision for credit losses		3,664		195	3,469		3,525		201		3,324
Noninterest expense		17,687		10,656	7,031		17,847		10,518		7,329
Income before income taxes		16,267		10,115	6,152		12,932		7,230		5,702
Income tax expense		4,146		2,578	 1,568		4,897		2,738		2,159
Net income	\$	12,121	\$	7,537	\$ 4,584	\$	8,035	\$	4,492	\$	3,543
Net interest yield		3.77%		2.34%	3.97%		3.53%		2.03%		4.18%
Return on average allocated capital (1)		33		63	18		22		37		14
Efficiency ratio		47.02		50.82	42.22		52.03		58.60		44.81
Balance Sheet											
Average											
Total loans and leases	\$	283,807	\$	5,233	\$ 278,574	\$	266,058	\$	5,084	\$	260,974
Total earning assets (2)		717,189		682,592	279,217		686,602		651,953		261,802
Total assets (2)		756,373		710,925	290,068		725,406		679,306		273,253
Total deposits		684,173		678,640	5,533		653,320		646,930		6,390
Allocated capital (1)		37,000		12,000	25,000		37,000		12,000		25,000
Year end											
Total loans and leases	\$	294,335	\$	5,470	\$ 288,865	\$	280,473	\$	5,143	\$	275,330
Total earning assets (2)		728,813		694,672	289,249		709,825		675,478		275,742
Total assets (2)		768,881		724,019	299,970		749,326		703,331		287,390
Total deposits		696,146		691,666	4,480		676,530		670,802		5,728

	Year Ended December 31, 2016 Total Consumer Consumer									
		al Consumer Banking	1	Deposits		Consumer Lending				
Vet interest income	\$	21,234	\$	10,652	s	10,582				
Noninterest income:										
Card income		4,782		(33)		4,815				
Service charges		4,142		4,141		1				
All other income		1,361		400		961				
Total noninterest income		10,285		4,508		5,777				
Total revenue, net of interest expense		31,519		15,160		16,359				
Provision for credit losses		2,715		174		2,541				
Noninterest expense		17,723		9,806		7,917				
Income before income taxes		11,081		5,180		5,901				
Income tax expense		4,083		1,908		2,175				
Net income	\$	6,998	\$	3,272	\$	3,726				
let interest yield		3.37%		1.78%		4.36				
Return on average allocated capital (1)		21		27		17				
Efficiency ratio		56.23		64.68		48.39				
Balance Sheet										
Average										
Total loans and leases	\$	245,808	s	4,809	\$	240,999				
Total earning assets (2)		629,982		598,041		242,445				
Total assets (2)		668,375		624,592		254,287				
Total deposits		599,651		592,417		7,234				
Allocated capital (1)		34,000		12,000		22,000				

Year end			
Total loans and leases	258,991	\$ 4,938	\$ 254,053
Total earning assets (2)	662,689	631,163	255,511
Total assets (2)	702,335	658,318	268,002
Total deposits	632,786	625,727	7,059

For footnotes, see page 22.

This information is preliminary and based on company data available at the time of the presentation.

Global Wealth & Investment Management Segment Results

(Dollars in millions)																						
	_			ecember 31			Fo	urth Quarter	Ti	hird Quarter		Second	F	irst Quarter	Fo	ourth Quarter	Th	ird Quarter		Second	ī	First Quarter
		2018	_	2017	_	2016	_	2018		2018	Q	uarter 2018		2018		2017		2017	Q	uarter 2017		2017
Net interest income	\$	6,265	S	6,152	\$	5,738	\$	1,612	\$	1,531	S	1,538	\$	1,584	\$	1,515	\$	1,492	s	1,596	\$	1,549
Noninterest income:																						
Investment and brokerage services		11,959		11,394		10,874		2,978		3,004		2,937		3,040		2,920		2,854		2,829		2,791
All other income		1,229	_	1,053	_	1,016	_	448	_	282		267	_	232		251		280		278	_	244
Total noninterest income		13,188	_	12,447	_	11,890		3,426	_	3,286	_	3,204	_	3,272		3,171		3,134		3,107	_	3,035
Total revenue, net of interest expense		19,453		18,599		17,628		5,038		4,817		4,742		4,856		4,686		4,626		4,703		4,584
Provision for credit losses		86		56		68		23		13		12		38		6		16		11		23
Noninterest expense		14,006		13,770		13,374		3,560		3,440		3,426		3,580		3,481		3,393		3,418		3,478
Income before income taxes		5,361		4,773		4,186		1,455		1,364		1,304		1,238		1,199		1,217		1,274		1,083
Income tax expense		1,366		1,807		1,548		370		348		332		316		460		458		481		408
Net income	S	3,995	\$	2,966	\$	2,638	\$	1,085	\$	1,016	S	972	S	922	\$	739	\$	759	S	793	\$	675
Net interest yield		2.41%		2.32%		2.08%		2.41%		2.37%		2.42%		2.44%		2.32%		2.28%		2.41%		2.26%
Return on average allocated capital (1)		28		21		20		30		28		27		26		21		22		23		20
Efficiency ratio		72.00		74.04		75.87		70.65		71.43		72.23		73.74		74.28		73.35		72.66		75.89
Balance Sheet																						
Average																						
Total loans and leases	s	161,342	s	152,682	s	142,429	\$	163,516	s	161,869	s	160,833	S	159,095	\$	157,063	\$	154,333	s	150,812	s	148,405
Total earning assets (2)		259,808		265,670		275,800		265,039		256,286		255,147		262,776		259,550		259,564		265,846		277,990
Total assets (2)		277,220		281,517		291,479		283,264		273,582		272,318		279,716		276,153		275,570		281,168		293,432
Total deposits		241,256		245,559		256,425		247,427		238,291		236,214		243,077		240,126		239,647		245,329		257,386
Allocated capital (1)		14,500		14,000		13,000		14,500		14,500		14,500		14,500		14,000		14,000		14,000		14,000
Period end																						
Total loans and leases	s	164,854	\$	159,378	\$	148,179	\$	164,854	\$	162,191	\$	162,034	\$	159,636	\$	159,378	\$	155,871	\$	153,468	s	149,110
Total earning assets (2)		287,199		267,027		283,152		287,199		258,562		253,912		262,431		267,027		259,548		258,744		275,215
Total assets (2)		305,907		284,322		298,932		305,907		276,146		270,915		279,332		284,322		276,187		274,746		291,177
Total deposits		268,700		246,994		262,530		268,700		239,654		233,925		241,531		246,994		237,771		237,131		254,595

⁽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.

Global Banking Segment Results

(Dollars in millions)																						
	_			ecember 31			For	ırth Quarter	Tł	hird Quarter		Second	F	irst Quarter	Fo	urth Quarter	Tŀ	nird Quarter		Second	1	First Quarter
		2018	_	2017	_	2016	_	2018	_	2018	Q	uarter 2018	_	2018	_	2017	_	2017	Q	uarter 2017	-	2017
Net interest income	S	10,993	\$	10,615	\$	9,540	\$	2,849	\$	2,726	\$	2,739	\$	2,679	\$	2,746	\$	2,668	\$	2,559	\$	2,642
Noninterest income:																						
Service charges		3,027		3,125		3,094		743		753		768		763		775		776		809		765
Investment banking fees		2,891		3,471		2,884		760		644		743		744		811		806		929		925
All other income	_	3,090	_	2,914	_	2,962	l <u> </u>	817	_	700	_	764	_	809	_	719	_	769	_	765	_	661
Total noninterest income		9,008		9,510	_	8,940		2,320		2,097		2,275	_	2,316		2,305	_	2,351		2,503	_	2,351
Total revenue, net of interest expense		20,001		20,125		18,480		5,169		4,823		5,014		4,995		5,051		5,019		5,062		4,993
Provision for credit losses		8		212		883		85		(70)		(23)		16		132		48		15		17
Noninterest expense		8,745		8,811		8,673		2,127		2,142		2,185		2,291		2,190		2,154		2,190		2,277
Income before income taxes		11,248		11,102		8,924		2,957		2,751		2,852		2,688		2,729		2,817		2,857		2,699
Income tax expense		2,923		4,204		3,289		769		714		741		699		1,047		1,061		1,079		1,017
Net income	S	8,325	\$	6,898	s	5,635	\$	2,188	S	2,037	S	2,111	\$	1,989	\$	1,682	\$	1,756	\$	1,778	S	1,682
Net interest yield		3.01%		2.96%		2.78%		2.99%		2.99%		3.01%		3.00%		3.03%		2.96%		2.87%		2.98%
Return on average allocated capital (1)		20		17		15		21		20		21		20		17		17		18		17
Efficiency ratio		43.72		43.78		46.94		41.15		44.42		43.57		45.87		43.34		42.92		43.23		45.63
Balance Sheet																						
Average																						
Total loans and leases	s	354,236	s	346,089	s	333,820	\$	357,410	s	352,712	s	355,088	\$	351,689	\$	350,262	\$	346,093	\$	345,063	s	342,857
Total earning assets (2)		364,748		358,302		342,859		378,163		362,316		364,587		361,822		359,199		357,014		357,407		359,605
Total assets (2)		425,675		417,260		397,886		440,522		423,643		424,540		421,863		420,758		416,144		415,160		416,950
Total deposits		336,337		312,859		304,741		359,642		337,685		323,215		324,405		329,761		315,692		300,483		305,197
Allocated capital (1)		41,000		40,000		37,000		41,000		41,000		41,000		41,000		40,000		40,000		40,000		40,000
Period end																						
Total loans and leases	s	365,717	s	350,668	s	339,271	\$	365,717	s	352,332	s	355,473	\$	355,165	\$	350,668	\$	349,838	\$	344,457	s	344,452
Total earning assets (2)		377,812		365,560		350,110		377,812		368,095		364,428		365,895		365,560		364,591		353,649		360,288
Total assets (2)		442,330		425,459		409,271		442,330		430,846		426,448		425,328		425,459		424,580		411,860		417,843
Total deposits		360,248		329,273		307,630		360,248		350,748		326,029		331,238		329,273		319,545		303,205		297,163

⁽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.

Global Markets Segment Results

(Dollars in millions)											
		Year Ended December 31									
	2018	2017	2016	Fourth Qua 2018	arter Third Quarte 2018	Second Quarter 2018	First Quarter 2018	Fourth Quarter 2017	Third Quarter 2017	Second Quarter 2017	First Quarter 2017
Net interest income	\$ 3,857	\$ 4,264	\$ 4,884	\$ 9:	36 \$ 933	\$ 968	\$ 1,020	\$ 1,075	\$ 1,025	\$ 999	\$ 1,165
Noninterest income:											
Investment and brokerage services	1,780	2,049	2,102	4	74 388	430	488	501	496	521	531
Investment banking fees	2,296	2,476	2,296	5	14 522	651	609	596	624	590	666
Trading account income	7,260	6,203	6,231	1,1	32 1,551	2,020	2,557	935	1,591	1,611	2,066
All other income	990	970	575	1	91 479	182	138	292	168	228	282
Total noninterest income	12,326	11,698	11,204	2,3	11 2,940	3,283	3,792	2,324	2,879	2,950	3,545
Total revenue, net of interest expense	16,183	15,962	16,088	3,2	47 3,873	4,251	4,812	3,399	3,904	3,949	4,710
Provision for credit losses	_	164	31		6 (2)	(1)	(3)	162	(6)	25	(17)
Noninterest expense	10,835	10,997	10,413	2,5	53 2,633	2,726	2,923	2,659	2,759	2,705	2,874
	5,348	4,801				1,526	1,892	578		1,219	
Income before income taxes			5,644 1,978		88 1,242 78 323	1,526	1,892	194	1,151 423	422	1,853 627
Income tax expense Net income	1,390 \$ 3,958	1,666 \$ 3,135	\$ 3,666		10 \$ 919	\$ 1,129	\$ 1,400	\$ 384	\$ 728	\$ 797	\$ 1,226
Net income	3,,,,,	3 3,133	3,000		3 717	3 1,125	\$ 1,400	3 304	J 720	3 171	3 1,220
Return on average allocated capital (1)	11%	9%	10%		6% 109	6 13%	16%	4%	8%	9%	14%
Efficiency ratio	66.96	68.89	64.73	78.:	58 68.00	64.15	60.75	78.21	70.68	68.49	61.02
Balance Sheet											
Average											
Total trading-related assets	\$ 465,132	\$ 441,812	\$ 412,905	\$ 463,9	98 \$ 460,279	\$ 473,126	\$ 463,169	\$ 449,737	\$ 442,283	\$ 452,563	\$ 422,359
Total loans and leases	72,651	71,413	69,641	70,6	09 71,231	75,053	73,763	73,552	72,347	69,638	70,064
Total earning assets	473,383	449,441	423,579	458,3	31 459,073	490,482	486,107	464,171	446,754	456,588	429,906
Total assets	666,000	638,675	585,327	655,0	69 652,481	678,501	678,354	659,412	642,429	645,229	607,012
Total deposits	31,209	32,864	34,239	31,0	77 30,721	30,736	32,320	34,250	32,125	31,919	33,158
Allocated capital (1)	35,000	35,000	37,000	35,0	00 35,000	35,000	35,000	35,000	35,000	35,000	35,000
Period end											
Total trading-related assets	\$ 447,998	\$ 419,375	\$ 380,562	\$ 447,9	98 \$ 456,643	\$ 441,657	\$ 450,512	\$ 419,375	\$ 426,371	\$ 436,193	\$ 418,259
Total loans and leases	73,928	76,778	72,743	73,9	28 73,023	73,496	75,638	76,778	76,225	73,973	71,053
Total earning assets	457,224	449,314	397,022	457,2	24 447,304	454,706	478,857	449,314	441,656	448,613	425,582
Total assets	641,923	629,013	566,062	641,9	23 646,359	637,110	648,605	629,013	629,224	633,190	603,974
Total deposits	37,841	34,029	34,927	37,8	41,102	31,450	32,301	34,029	33,382	33,363	33,629
Trading-related assets (average)											
Trading account securities	\$ 215,112	\$ 216,996	\$ 185,135	\$ 225,3	35 \$ 215,397	\$ 209,271	\$ 210,278	\$ 225,330	\$ 216,988	\$ 221,569	\$ 203,866
Reverse repurchases	125,084	101,795	89,715	119,3	41 124,842	132,257	123,948	107,125	101,556	101,551	96,835
Securities borrowed	78,889	82,210	87,286	75,3	74,648	83,282	82,376	77,580	81,950	88,041	81,312
Derivative assets	46,047	40,811	50,769	43,9	48 45,392	48,316	46,567	39,702	41,789	41,402	40,346
Total trading-related assets	\$ 465,132	\$ 441,812	\$ 412,905	\$ 463,9	98 \$ 460,279	\$ 473,126	\$ 463,169	\$ 449,737	\$ 442,283	\$ 452,563	\$ 422,359

⁽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.

All Other Results (1)

Part	(Dollars in millions)																						
Part																							
Noninterest income (loss)		20	018				2016	For		Tì		Q		Fin		Fo		Th		Q		Fi	
Total revenue, net of interest expense	Net interest income	s	632	s	930	s	990	\$	151	s	178	s	144	\$	159	\$	207	\$	168	\$	277	s	278
Provision for credit losses (476) (561) (100) (124) (95) (105) (152) (185) (191) (159) (26) Noninterest expense 1,881 3,092 4,697 392 471 518 500 394 585 1,206 907 Loss before income taxes (3,030) (3,470) (3,914) (853) (456) (950) (771) (1,616) (646) (214) (994) Income tax expense (benefit) (2,778) (668) (2,799) (915) (488) (601) (774) 996 (762) 53 (955) Net income (loss) (3,222) (3,282) (3,111) (3,111) (3,112) (3	Noninterest income (loss)	((2,257)		(1,869)		(307)		(736)		(258)		(681)		(582)		(1,614)		(420)		556		(391)
Noninterest expense 1,881 3,092 4,697 392 471 518 500 394 585 1,206 907 Loss before income taxes	Total revenue, net of interest expense	((1,625)		(939)		683		(585)		(80)		(537)		(423)		(1,407)		(252)		833		(113)
Noninterest expense 1,881 3,092 4,697 392 471 518 500 394 585 1,206 907 Loss before income taxes																							
Loss before income taxes (3,030) (3,470) (3,914) (853) (456) (950) (771) (1,616) (646) (214) (994)	Provision for credit losses		(476)		(561)		(100)		(124)		(95)		(105)		(152)		(185)		(191)		(159)		(26)
Loss before income taxes (3,030) (3,470) (3,914) (853) (456) (950) (771) (1,616) (646) (214) (994)																							
Income tax expense (benefit) (2,778) (668) (2,799) (915) (488) (601) (774) 996 (762) 53 (955) Net income (loss) S (252) S (2,802) S (1,115) S (62) S (32) S (349) S (3) S (2,612) S (116) S (267) S (39) Balance Sheet	Noninterest expense		1,881		3,092		4,697	_	392		471		518		500	_	394	_	585	_	1,206		907
Net income (loss) \$ (252) \$ (2,802) \$ (1,115) \$ 62 \$ 32 \$ (349) \$ 3 \$ (2,612) \$ 116 \$ (267) \$ (39) Balance Sheet Average Total loans and leases \$ 61,013 \$ 82,489 \$ 108,735 \$ 53,324 \$ 59,930 \$ 63,155 \$ 67,811 \$ 71,197 \$ 76,546 \$ 87,667 \$ 94,873 Total assets (2) 199,978 205,775 247,151 196,704 208,458 187,337 199,298 207,609 205,884 202,983 206,608 Total deposits 21,966 25,194 27,505 19,979 22,118 22,682 23,115 23,899 25,273 26,320 25,297 Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 20	Loss before income taxes	((3,030)		(3,470)		(3,914)		(853)		(456)		(950)		(771)		(1,616)		(646)		(214)		(994)
Balance Sheet Average Total loans and leases \$ 61,013 \$ 82,489 \$ 108,735 \$ 53,324 \$ 59,930 \$ 63,155 \$ 67,811 \$ 71,197 \$ 76,546 \$ 87,667 \$ 94,873 Total assets (2) 199,978 205,775 247,151 196,704 208,458 187,337 199,298 207,609 205,884 202,983 206,608 Total deposits 21,966 25,194 27,505 19,979 22,118 22,682 23,115 23,899 25,273 26,320 25,297 Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Income tax expense (benefit)	((2,778)		(668)		(2,799)		(915)		(488)		(601)		(774)		996		(762)		53		(955)
Average Total loans and leases \$ 61,013 \$ 82,489 \$ 108,735 \$ 53,324 \$ 59,930 \$ 63,155 \$ 67,811 \$ 71,197 \$ 76,546 \$ 87,667 \$ 94,873 Total assets (2) 199,978 205,775 247,151 196,704 208,458 187,337 199,298 207,609 205,884 202,983 206,608 Total deposits 21,966 25,194 27,505 19,979 22,118 22,682 23,115 23,899 25,273 26,320 25,297 Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Net income (loss)	\$	(252)	\$	(2,802)	\$	(1,115)	\$	62	\$	32	\$	(349)	\$	3	\$	(2,612)	\$	116	\$	(267)	\$	(39)
Average Total loans and leases \$ 61,013 \$ 82,489 \$ 108,735 \$ 53,324 \$ 59,930 \$ 63,155 \$ 67,811 \$ 71,197 \$ 76,546 \$ 87,667 \$ 94,873 Total assets (2) 199,978 205,775 247,151 196,704 208,458 187,337 199,298 207,609 205,884 202,983 206,608 Total deposits 21,966 25,194 27,505 19,979 22,118 22,682 23,115 23,899 25,273 26,320 25,297 Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712																							
Total loans and leases \$ 61,013 \$ 82,489 \$ 108,735 \$ 53,324 \$ 59,930 \$ 63,155 \$ 67,811 \$ 71,197 \$ 76,546 \$ 87,667 \$ 94,873 Total assets (2) 199,978 205,775 247,151 196,704 208,458 187,337 199,298 207,609 205,884 202,983 206,608 Total deposits 21,966 25,194 27,505 19,979 22,118 22,682 23,115 23,899 25,273 26,320 25,297 Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Balance Sheet																						
Total assets (2) 199,978 205,775 247,151 196,704 208,458 187,337 199,298 207,609 205,884 202,983 206,608 Total deposits 21,966 25,194 27,505 19,979 22,118 22,682 23,115 23,899 25,273 26,320 25,297 Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Average																						
Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Total loans and leases	\$ 6	51,013	s	82,489	\$	108,735	\$	53,324	\$	59,930	\$	63,155	\$	67,811	\$	71,197	\$	76,546	\$	87,667	s	94,873
Period end Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Total assets (2)	19	99,978		205,775		247,151		196,704		208,458		187,337		199,298		207,609		205,884		202,983		206,608
Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Total deposits	2	21,966		25,194		27,505		19,979		22,118		22,682		23,115		23,899		25,273		26,320		25,297
Total loans and leases (3) \$ 48,061 \$ 69,452 \$ 87,499 \$ 48,061 \$ 54,978 \$ 61,256 \$ 64,584 \$ 69,452 \$ 72,823 \$ 78,830 \$ 92,711 Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712																							
Total assets (4) 195,466 193,114 211,467 195,466 219,984 189,009 200,956 193,114 211,669 199,741 200,712	Period end																						
	Total loans and leases (3)	\$ 4	18,061	s	69,452	s	87,499	\$	48,061	\$	54,978	\$	61,256	s	64,584	\$	69,452	\$	72,823	s	78,830	s	92,711
Total denosits 18.541 22.719 23.061 18.541 21.375 22.757 22.106 22.719 24.072 26.603 25.147	Total assets (4)	19	95,466		193,114		211,467		195,466		219,984		189,009		200,956		193,114		211,669		199,741		200,712
2-1,00	Total deposits	1	18,541		22,719		23,061		18,541		21,375		22,757		22,106		22,719		24,072		26,603		25,147

⁽¹⁾ All Other consists of ALM activities, equity investments, non-core mortgage loans and servicing activities, liquidating businesses and certain expenses not otherwise allocated to a business segment. ALM activities encompass certain residential mortgages, debt securities and interest rate and foreign currency risk management activities. Substantially all of the results of ALM activities are allocated to our business segments. Equity investments include our merchant services joint venture, as well as a portfolio of equity, real estate and other alternative investments.

(2) Includes elimination of segments' excess asset allocations to match liabilities (i.e., deposits) and allocated shareholders' equity (8517.0 billion, \$515.6 billion and \$500.0 billion for the years ended December 31, 2018, 2017 and 2016;\$525.6 billion, \$516.3 billion, \$519.6 billion and \$514.6 billion for the fourth, third, second and first quarters of 2017, respectively.

(3) The first quarter of 2017 includes \$9.5 billion of non-U.S. credit card loans that were included in assets of business held for sale on the Consolidated Balance Sheet at March 31, 2017. The Corporation sold its non-U.S. consumer credit card business during the second marter of 2017.

during the second quarter of 2017. The Colporation sold is included in assets of obstiness included in a state of the Colsonial and States of

Exhibit A: Non-GAAP Reconciliations

Bank of America Corporation and Subsidiaries

Reconciliations to GAAP Financial Measures

(Dollars in millions, except per share information)

The Corporation 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 net income applicable to common shareholders as a percentage of adjusted average 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 net income applicable to common shareholders 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. Return on average tangible shareholders' equity divided by ending common share expresents adjusted ending common shareholders' equity divided by ending common shareholders' equity divided by ending common shareholders' equity divided by ending common shareholders' equity as key measures to support our overlage tangible shareholders' equity as key measures to support our overlag growth goals.

See the tables below for reconciliations of these non-GAAP financial measures to financial measures defined by GAAP for the years ended December 31, 2018, 2017 and 2016 and the three months ended December 31, 2018, September 30, 2018, June 30, 2018, March 31, 2018, December 31, 2018, December 31, 2017, September 30, 2017, June 30, 2017, June 30, 2017, 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		Fourth Quarter	Third Quarter	Second	First Quarter	Fourth Quarter	Third Quarter	Second	First Quarter
	2018	2017	2016	2018	2018	Quarter 2018	2018	2017	2017	Quarter 2017	2017
Reconciliation of average shareholders' equity to average t tangible shareholders' equity	angible common sha	areholders' equity a	and average								
Shareholders' equity	\$ 264,748	\$ 271,289	\$ 265,843	\$ 263,698	\$ 264,653	\$ 265,181	\$ 265,480	\$ 273,162	\$ 273,238	\$ 270,977	\$ 267,700
Goodwill	(68,951)	(69,286)	(69,750)	(68,951)	(68,951)	(68,951)	(68,951)	(68,954)	(68,969)	(69,489)	(69,744)
Intangible assets (excluding mortgage servicing rights)	(2,058)	(2,652)	(3,382)	(1,857)	(1,992)	(2,126)	(2,261)	(2,399)	(2,549)	(2,743)	(2,923)
Related deferred tax liabilities	906	1,463	1,644	874	896	916	939	1,344	1,465	1,506	1,539
Tangible shareholders' equity	\$ 194,645	\$ 200,814	\$ 194,355	\$ 193,764	\$ 194,606	\$ 195,020	\$ 195,207	\$ 203,153	\$ 203,185	\$ 200,251	\$ 196,572
Preferred stock	(22,949)	(24,188)	(24,656)	(22,326)	(22,841)	(23,868)	(22,767)	(22,324)	(24,024)	(25,221)	(25,220)
Tangible common shareholders' equity	\$ 171,696	\$ 176,626	\$ 169,699	\$ 171,438	\$ 171,765	\$ 171,152	\$ 172,440	\$ 180,829	\$ 179,161	\$ 175,030	\$ 171,352
Reconciliation of period-end shareholders' equity to period end tangible shareholders' equity	-end tangible comm	on shareholders' e	quity and period-								
Shareholders' equity	\$ 265,325	\$ 267,146	\$ 266,195	\$ 265,325	\$ 262,158	\$ 264,216	\$ 266,224	\$ 267,146	\$ 271,969	\$ 270,660	\$ 267,990
Goodwill	(68,951)	(68,951)	(69,744)	(68,951)	(68,951)	(68,951)	(68,951)	(68,951)	(68,968)	(68,969)	(69,744)
Intangible assets (excluding mortgage servicing rights)	(1,774)	(2,312)	(2,989)	(1,774)	(1,908)	(2,043)	(2,177)	(2,312)	(2,459)	(2,610)	(2,827)
Related deferred tax liabilities	858	943	1,545	858	878	900	920	943	1,435	1,471	1,513
Tangible shareholders' equity	\$ 195,458	\$ 196,826	\$ 195,007	\$ 195,458	\$ 192,177	\$ 194,122	\$ 196,016	\$ 196,826	\$ 201,977	\$ 200,552	\$ 196,932
Preferred stock	(22,326)	(22,323)	(25,220)	(22,326)	(22,326)	(23,181)	(24,672)	(22,323)	(22,323)	(25,220)	(25,220)
Tangible common shareholders' equity	\$ 173,132	\$ 174,503	\$ 169,787	\$ 173,132	\$ 169,851	\$ 170,941	\$ 171,344	\$ 174,503	\$ 179,654	\$ 175,332	\$ 171,712
Reconciliation of period-end assets to period-end tangible a	ssets										
Assets	\$ 2,354,507	\$ 2,281,234	\$ 2,188,067	\$ 2,354,507	\$ 2,338.833	\$ 2,291,670	\$ 2.328.478	\$ 2.281.234	\$ 2.284.174	\$ 2,254,714	\$ 2,247,794
Goodwill	(68,951)	(68,951)	(69,744)	(68,951)	(68,951)	(68,951)	(68,951)	(68,951)	(68,968)	(68,969)	(69,744)
Intangible assets (excluding mortgage servicing rights)	(1,774)	(2,312)	(2,989)	(1,774)	(1,908)	(2,043)	(2,177)	(2,312)	(2,459)	(2,610)	(2,827)
Related deferred tax liabilities	858	943	1,545	858	878	900	920	943	1,435	1,471	1,513
Tangible assets	\$ 2,284,640	\$ 2,210,914	\$ 2,116,879	\$ 2,284,640	\$ 2,268,852	\$ 2,221,576	\$ 2,258,270	\$ 2,210,914	\$ 2,214,182	\$ 2,184,606	\$ 2,176,736
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Book value per share of common stock											
Common shareholders' equity	\$ 242,999	\$ 244,823	\$ 240,975	\$ 242,999	\$ 239,832	\$ 241,035	\$ 241,552	\$ 244,823	\$ 249,646	\$ 245,440	\$ 242,770
Ending common shares issued and outstanding	9,669.3	10,287.3	10,052.6	9,669.3	9,858.3	10,012.7	10,175.9	10,287.3	10,457.5	9,878.1	9,974.2
Book value per share of common stock	\$ 25.13	\$ 23.80	\$ 23.97	\$ 25.13	\$ 24.33	\$ 24.07	\$ 23.74	\$ 23.80	\$ 23.87	\$ 24.85	\$ 24.34
Tangible book value per share of common stock											
Tangible common shareholders' equity	\$ 173,132	\$ 174,503	\$ 169,787	\$ 173,132	\$ 169,851	\$ 170,941	\$ 171,344	\$ 174,503	\$ 179,654	\$ 175,332	\$ 171,712
Ending common shares issued and outstanding	9,669.3	10,287.3	10,052.6	9,669.3	9,858.3	10,012.7	10,175.9	10,287.3	10,457.5	9,878.1	9,974.2
Tangible book value per share of common stock	\$ 17.91	\$ 16.96	\$ 16.89	\$ 17.91	\$ 17.23	\$ 17.07	\$ 16.84	\$ 16.96	\$ 17.18	\$ 17.75	\$ 17.22