FLAGSTAR BANCORP INC Form 10-O August 09, 2016

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

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF \mathring{y}_{1024} 1934

For the quarterly period ended June 30, 2016

OR

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

For the transition period from _____ to ____

Commission File Number: 001-16577

(Exact name of registrant as specified in its charter).

Michigan 38-3150651 (State or other jurisdiction of (I.R.S. Employer Incorporation or organization) Identification No.)

5151 Corporate Drive, Troy, Michigan 48098-2639 (Address of principal executive offices) (Zip code)

(248) 312-2000

(Registrant's telephone number, including area code)

Not applicable

(Former name, former address and formal fiscal year, if changed since last report)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes v No ".

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ý No ".

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

Large accelerated filer

Accelerated filer

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

Smaller reporting company

Smaller reporting company

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

As of August 5, 2016, 56,576,203 shares of the registrant's common stock, \$0.01 par value, were issued and outstanding.

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

Flagstar Bancorp, Inc.

Consolidated Statements of Financial Condition

(In millions, except share data)

	June 30,	December	31,
	2016	2015	
	(Unaudited	d)	
Assets			
Cash	\$ 64	\$ 54	
Interest-earning deposits	120	154	
Total cash and cash equivalents	184	208	
Investment securities available-for-sale	1,145	1,294	
Investment securities held-to-maturity	1,211	1,268	
Loans held-for-sale (\$3,071 and \$2,541 measured at fair value, respectively)	3,091	2,576	
Loans held-for-investment (\$88 and \$111 measured at fair value, respectively)	5,822	6,352	
Loans with government guarantees	435	485	
Less: allowance for loan losses	(150) (187)
Total loans held-for-investment and loans with government guarantees, net	6,107	6,650	
Mortgage servicing rights	301	296	
Federal Home Loan Bank stock	172	170	
Premises and equipment, net	259	250	
Net deferred tax asset	333	364	
Other assets	920	639	
Total assets	\$ 13,723	\$ 13,715	
Liabilities and Stockholders' Equity			
Noninterest bearing deposits	\$ 2,109	\$ 1,574	
Interest bearing deposits	6,462	6,361	
Total deposits	8,571	7,935	
Short-term Federal Home Loan Bank advances	1,069	2,116	
Long-term Federal Home Loan Bank advances	1,577	1,425	
Other long-term debt	247	247	
Representation and warranty reserve	36	40	
Other liabilities (\$84 and \$84 measured at fair value, respectively)	624	423	
Total liabilities	12,124	12,186	
Stockholders' Equity			
Preferred stock \$0.01 par value, liquidation value \$1,000 per share, 25,000,000 shares	067	267	
authorized; 266,657 issued and outstanding, respectively	267	267	
Common stock \$0.01 par value, 70,000,000 shares authorized; 56,575,779 and 56,483,258			
shares issued and outstanding, respectively	1	1	
Additional paid in capital	1,491	1,486	
Accumulated other comprehensive (loss) income	(19) 2	
Accumulated deficit	(141) (227)
Total stockholders' equity	1,599	1,529	,
Total liabilities and stockholders' equity	\$ 13,723	\$ 13,715	
	,,	,	

The accompanying notes are an integral part of these Consolidated Financial Statements.

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Flagstar Bancorp, Inc. Consolidated Statements of Operations (In millions, except per share data)

Interest In come	2016	June 30, 2015	Six Mo June 30 2016	onths Ended O, 2015	
Interest Income	(Unauc	-	h 166	Φ 120	
Loans	\$82	\$ 74	\$166	\$ 139	
Investment securities	17	15	34	29	
Interest-earning deposits and other		1		1	
Total interest income	99	90	200	169	
Interest Expense				- 0	
Deposits	11	11	22	20	
Short-term debt	1		3	_	
Long-term debt	8	4	15	7	
Other debt	2	2	4	4	
Total interest expense	22	17	44	31	
Net interest income	77	73	156	138	
Provision (benefit) for loan losses		(13)		(17)	
Net interest income after provision (benefit) for loan losses	80	86	172	155	
Noninterest Income					
Net gain on loan sales	90	83	165	174	
Loan fees and charges	19	19	34	36	
Deposit fees and charges	6	6	12	12	
Loan administration income	4	7	10	11	
Net (loss) return on mortgage servicing rights	(4)	9	(10)	7	
Net loss on sale of assets		(2)	(2)	(2)	
Representation and warranty benefit	4	5	6	7	
Other noninterest income (loss)	9	(1)	18	_	
Total noninterest income	128	126	233	245	
Noninterest Expense					
Compensation and benefits	66	59	134	120	
Commissions	14	11	24	21	
Occupancy and equipment	21	20	43	40	
Asset resolution	1	5	4	13	
Federal insurance premiums	3	6	6	12	
Loan processing expense	15	14	27	26	
Legal and professional expense	6	8	15	17	
Other noninterest expense	13	15	23	27	
Total noninterest expense	139	138	276	276	
Income before income taxes	69	74	129	124	
Provision for income taxes	22	28	43	46	
Net income	\$47	\$ 46	\$86	\$ 78	
Income per share					
Basic	\$0.67	\$ 0.69	\$1.23	\$ 1.12	
Diluted	\$0.66		\$1.21	\$ 1.11	
Weighted average shares outstanding					
Basic	56,574	, 75 966436.026	56,544	,2566,410,880	
Diluted				,05861,971,133	
			, -	. , , .	

The accompanying notes are an integral part of these Consolidated Financial Statements.

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Flagstar Bancorp, Inc. Consolidated Statements of Comprehensive Income (In millions)

	Three Six
	Months Months
	Ended Ended
	June 30, June 30,
	2016 2015 2016 2015
	(Unaudited)
Net income	\$47 \$46 \$86 78
Other comprehensive income, net of tax	
Investment securities	
Unrealized gain (loss) (net of tax effect \$1, \$9, \$10 and \$1, respectively)	1 (16) 16 —
Net change in unrealized gain (loss) on investment securities, net of tax	1 (16) 16 —
Derivatives and hedging activities	
Unrealized loss (net of tax effect \$3, \$0, \$19 and \$0, respectively)	(12) — (44) —
Less: Reclassification of net loss on derivative instruments	3 — 7 —
Net change in derivatives and hedging activities, net of tax	(9) — (37) —
Other comprehensive (loss) income, net of tax	(8) (16) (21) —
Comprehensive income	\$39 \$30 \$65 \$78

The accompanying notes are an integral part of these Consolidated Financial Statements.

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Flagstar Bancorp, Inc.

Consolidated Statements of Stockholders' Equity

(In millions, except share data)

Preferred Stock Common Stock

	of Shares	erAmount of Preferred n Stry ck	Number of Shares	of	t Addition Paid in Capital	Accumulated alOther Comprehensi Income (Loss)	Retained	Total Stockholders' Equity
Balance at December 31, 2014	266,65	7\$ 267	56,332,30	7\$ 1	\$ 1,482	\$ 8	\$ (385	\$ 1,373
(Unaudited)								
Net income						_	78	78
Stock-based compensation			103,719					
Balance at June 30, 2015	266,65	7\$ 267	56,436,02	6\$ 1	\$ 1,482	\$ 8	\$ (307) \$ 1,451
Balance at December 31, 2015	266,65	7\$ 267	56,483,25	8\$ 1	\$ 1,486	\$ 2	\$ (227) \$ 1,529
(Unaudited)								
Net income		_	_				86	86
Total other comprehensive loss	_	_	_	_	_	(21)	_	(21)
Stock-based compensation	_	_	92,521	_	5	_		5
Balance at June 30, 2016	266,65	7\$ 267	56,575,77	9\$ 1	\$ 1,491	\$ (19)	\$ (141) \$ 1,599
The accompanying notes are	an integ	gral part o	f these Cor	solidated	Financial	Statements.		

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Flagstar Bancorp, Inc. Consolidated Statements of Cash Flows (In millions)

Operating Activities	Six Months Ended June 30, 2016 2015 (Unaudited)
Net income	\$86 \$78
Adjustments to reconcile net income to net cash used in operating activities:	φου φτο
(Benefit) provision for loan losses	(16) (17)
Representation and warranty (benefit) provision	(6) (7)
Depreciation and amortization	16 11
Deferred income taxes	31 43
Net gain on loan and asset sales	(163) (171)
Change in fair value and other non-cash changes	(197) (334)
Proceeds from sales of loans held-for-sale ("HFS")	9,761 9,764
Origination, premium paid and purchase of loans, net of principal repayments	(14,639) (14,458)
Decrease (increase) in accrued interest receivable	1 (4)
(Increase) decrease in other assets	(58) 43
Increase in other liabilities	31 6
Net cash used in operating activities	(5,153) (5,046)
Investing Activities	
Proceeds from sale of available for sale securities including loans that have been securitized	5,943 4,558
Collection of principal on investment securities available-for-sale	68 124
Purchase of investment securities available-for-sale and other	(68) (724)
Collection of principal on investment securities held-to-maturity ("HTM")	72 —
Purchase of investment securities HTM	(15) —
Proceeds received from the sale of held-for-investment loans ("HFI")	228 710
Origination and purchase of loans HFI, net of principal repayments	(812) (1,717)
Purchase of bank owned life insurance	(85) (150)
Proceeds from the disposition of repossessed assets	9 13
Net (purchase) redemption of Federal Home Loan Bank stock	(2) 42
Acquisitions of premises and equipment, net of proceeds	(25) (19)
Proceeds from the sale of mortgage servicing rights	21 100
Net cash provided by investing activities	5,334 2,937
Financing Activities	(2) 500
Net increase in deposit accounts	636 580
Net change in short-term borrowings	(1,047) —
Proceeds from long-term Federal Home Loan Bank advances Repayment of long-term Federal Home Loan Bank advances	150 14,480
Repayment of long-term debt	- (12,796)
Net receipt (disbursement) of payments of loans serviced for others	- (50) 52 (3)
Net receipt (disbursement) of payments of loans serviced for others	4 8
Net cash (used in) provided by financing activities	(205) 2,219
Net (decrease) increase in cash and cash equivalents	(24) 110
Beginning cash and cash equivalents	208 136
Ending cash and cash equivalents	\$184 \$246
Supplemental disclosure of cash flow information	Ψ101 Ψ210

Interest paid on deposits and other borrowings	\$37	\$26
Income tax payments	\$2	\$3
Non-cash reclassification of loans originated HFI to loans HFS	\$1,331	\$775
Non-cash reclassification of mortgage loans originated HFS to HFI	\$—	\$27
Non-cash reclassification of mortgage loans HFS to AFS securities	\$5,768	\$4,566
Mortgage servicing rights resulting from sale or securitization of loans	\$122	\$146
Non-cash reclassification of loans with government guarantee to other assets	\$ —	\$373

The accompanying notes are an integral part of these Consolidated Financial Statements.

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Flagstar Bancorp, Inc.

Notes to the Consolidated Financial Statements (Unaudited)

Note 1 – Basis of Presentation

The accompanying financial statements of Flagstar Bancorp, Inc. ("Flagstar," or the "Company"), including its wholly owned principal subsidiary, Flagstar Bank, FSB (the "Bank"), have been prepared using U.S. generally accepted accounting principles ("GAAP") for interim financial statements. Where we say "we," "us," or "our," we usually mean Flagstar Bancorp, Inc. However, in some cases, a reference to "we," "us," or "our" will include our wholly owned subsidiary Flagstar Bank, FSB (the "Bank").

These consolidated financial statements do not include all of the information and footnotes required by GAAP for a full year presentation and certain disclosures have been condensed or omitted in accordance with rules and regulations of the Securities and Exchange Commission. These interim financial statements are unaudited and include, in our opinion, all adjustments necessary for a fair statement of the results for the periods indicated, which are not necessarily indicative of results which may be expected for the full year. These consolidated financial statements and notes should be read in conjunction with the consolidated financial statements and footnotes thereto included in our Annual Report on Form 10-K for the year ended December 31, 2015, which is available on our website, at flagstar.com, and on the SEC website, at sec.gov. Certain prior period amounts have been reclassified to conform to the current period presentation.

Gross

Note 2 – Investment Securities

As of June 30, 2016 and December 31, 2015, investment securities were comprised of the following:

. Gross

	Amorti	zed	realized	Ur	realiz	zed	Fair
	Cost	Ga			sses	200	Value
	(Dollar		millions		5505		
June 30, 2016	`						
Available-for-sale securities							
Agency - Commercial	\$626	\$	14	\$			\$640
Agency - Residential	461	12					473
Municipal obligations	31	1		_			32
Total available-for-sale securities (1)	\$1,118	\$	27	\$	_		\$1,145
Held-to-maturity securities							
Agency - Commercial	\$635	\$	12	\$	—		\$647
Agency - Residential	576	14		_			590
Total held-to-maturity securities (1)	\$1,211	\$	26	\$	—		\$1,237
December 31, 2015							
Available-for-sale securities							
Agency - Commercial	\$766	\$	3	\$	(3)	\$766
Agency - Residential	514	2		(2)	514
Municipal obligations	14	_		_			14
Total available-for-sale securities (1)	\$1,294	\$	5	\$	(5)	\$1,294
Held-to-maturity securities							
Agency - Commercial	\$634	\$		\$	(2)	\$632
Agency - Residential	634	_		(4)	630
Total held-to-maturity securities (1)	\$1,268	\$		\$	(6)	\$1,262
(1)							

There were no securities of a single issuer, which are not governmental or government-sponsored, that exceeded 10 percent of stockholders' equity at June 30, 2016 or December 31, 2015.

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Credit related declines in the available-for-sale and held-to-maturity securities are classified as other than temporary impairments and are reported as a separate component of noninterest income within the Consolidated Statement of Operations. An impaired investment security is considered to be other than temporary if (1) we intend to sell the security; (2) it is more likely than not we will be required to sell the security before recovery of its amortized cost basis; or (3) the present value of expected cash flows is not sufficient to recover all contractually required principal and interest payments.

We evaluate our securities portfolio each quarter to determine if any security is considered to be other than temporarily impaired. In making this evaluation, management considers its ability and intent to hold securities to recover current market losses. During the three and six months ended June 30, 2016 and June 30, 2015, we had no other-than-temporary impairments.

Available-for-sale securities

Securities available-for-sale are carried at fair value, with unrealized gains reported as a component of other comprehensive income and unrealized losses reported as a component of other comprehensive income to the extent they are temporary in nature.

We purchased \$40 million and \$68 million, respectively, of available-for-sale securities, which included U.S. government sponsored agency mortgage-backed securities and municipal obligations, during the three and six months ended June 30, 2016. We purchased \$72 million and \$724 million, respectively, of available-for-sale securities, which included U.S. government sponsored agencies comprised of mortgage-backed securities and collateralized mortgage obligations during the three and six months ended June 30, 2015.

Gains (losses) on sales of available-for-sale securities are reported in other noninterest income in the Consolidated Statements of Operations. During both the three and six months ended June 30, 2016, there were \$175 million in sales of available-for-sale securities, which did not include those related to mortgage loans that had been securitized for sale in the normal course of business. These sales resulted in a realized gain of \$1 million during both the three and six months ended June 30, 2016. During the three and six months ended June 30, 2015, there were no sales of available-for-sale securities, except those related to mortgage loans that had been securitized for sale in the normal course of business.

Held-to-maturity securities

Investment securities held-to-maturity are carried at amortized cost and adjusted for amortization of premiums and accretion of discounts using the interest method. Unrealized losses are not recorded to the extent they are temporary in nature.

Transfers of investment securities into the held-to-maturity category from the available-for-sale category are accounted for at fair value on the date of transfer. The related unrealized gain, net of tax that was included in the transfer is retained in other comprehensive income amortizing as an adjustment to interest income over the remaining life of the securities. During the third quarter 2015, we transferred \$1.1 billion of available-for-sale securities to held-to-maturity securities at a premium of \$8 million, reflecting our intent and ability to hold those securities to maturity. The related \$5 million of unrealized holding gain, net of tax, that was included in the transfer is retained in other comprehensive income (loss) and is being amortized as an adjustment to interest income over the remaining life of the securities. There were no gains or losses recognized as a result of this transfer.

We purchased zero and \$15 million of held-to-maturity securities, which included U.S. government sponsored agency mortgage-backed securities during the three and six months ended June 30, 2016, respectively. During the three and

six months ended June 30, 2015, we had no purchases of held-to-maturity securities.

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The following table summarizes by duration the unrealized loss positions on investment securities:

	Unrealized Los with Duration 12 Me Over	Unrealized Loss Position with Duration Under 12 Months					
	FairNumber of	Unrealize	d Fair	Number of	Un	ıreali	zed
	Val Se curities	Loss	Value	Securities	Lo	SS	
Type of Security	(Dollars in mil	lions)					
June 30, 2016							
Available-for-sale securities	}						
Agency - Commercial	\$7 1	\$	- \$13	2	\$	_	
Held-to-maturity securities							
Agency - Commercial	\$	\$	- \$57	4	\$		
December 31, 2015							
Available-for-sale securities	•						
Agency - Commercial	\$	\$	- \$482	27	\$	(3)
Agency - Residential	\$8 2	\$	-\$224	15	\$	(2)
Held-to-maturity securities							
Agency - Commercial	\$	\$	- \$471	27	\$	(2)
Agency - Residential	\$	\$	- \$547	50	\$	(4)

The amortized cost and estimated fair value of securities at June 30, 2016, are presented below by contractual maturity:

	Investment Securities				Investment Securities			
	Available-for-Sale				Held-to-maturity			
	Amorti Cost	z Ed ir Value	Weigh Avera Yield		Amorti Cost	z Ed ir Value	Weig Avera Yield	age
June 30, 2016	(Dollar	s in mill	ions)		(Dollar	s in mill	ions)	
Due after one year through five years	\$18	\$18	3.97	%	\$ —	\$ —	_	%
Due after five years through 10 years	7	7	2.66	%	61	64	2.50	%
Due after 10 years	1,093	1,120	2.59	%	1,150	1,173	2.40	%
Total	\$1,118	\$1,145			\$1,211	\$1,237		

We pledge investment securities, primarily municipal taxable and agency collateralized mortgage obligations, to collateralize lines of credit and/or borrowings. At June 30, 2016, we pledged \$234 million of investment securities, compared to \$14 million at December 31, 2015.

Note 3 – Loans Held-for-Sale

The majority of our mortgage loans originated as loans held-for-sale are sold into the secondary market on a whole loan basis or by securitizing the loans and selling the securities. At June 30, 2016 and December 31, 2015, loans held-for-sale totaled \$3.1 billion and \$2.6 billion, respectively. For the three and six months ended June 30, 2016, we had net gains on loan sales associated with loans held-for-sale, excluding the gains from the sale of mortgage loans transferred from loans held-for-investment, of \$85 million and \$151 million, respectively, as compared to \$83 million and \$174 million during the three and six months ended June 30, 2015, respectively.

At June 30, 2016 and December 31, 2015, \$20 million and \$35 million, respectively, of loans held-for-sale were recorded at lower of cost or fair value. The remainder of the loans in the portfolio are recorded at fair value as we have

elected the fair value option for such loans.

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Note 4 – Loans with Government Guarantees

The majority of loans with government guarantees are insured or guaranteed by the Federal Housing Administration ("FHA") and U.S. Department of Veterans Affairs. FHA loans earn interest at a rate based upon the 10-year U.S. Treasury note rate at the time the underlying loan becomes delinquent, which is not paid by the FHA until claimed. Certain loans within our portfolio may be subject to indemnifications and insurance limits which exposes us to limited credit risk. We have reserved for this risk as a component of our allowance for loan losses on residential first mortgages.

At June 30, 2016 and December 31, 2015, loans with government guarantees totaled \$435 million and \$485 million, respectively. At June 30, 2016, repossessed assets and the associated claims recorded in other assets totaled \$178 million and \$210 million at December 31, 2015.

Note 5 – Loans Held-for-Investment

Loans held-for-investment are summarized as follows:

	June 30	December 31,
	2016	2015
	(Dollars	s in millions)
Consumer loans		
Residential first mortgage	\$2,075	\$ 3,100
Second mortgage	127	135
HELOC	346	384
Other	32	31
Total consumer loans	2,580	3,650
Commercial loans		
Commercial real estate (1)	976	814
Commercial and industrial	615	552
Warehouse lending	1,651	1,336
Total commercial loans	3,242	2,702
Total loans held-for-investment	\$5,822	\$ 6,352

⁽¹⁾ Includes \$221 million and \$188 million, respectively, of commercial owner occupied real estate loans at June 30, 2016 and December 31, 2015.

During the six months ended June 30, 2016 and June 30, 2015, we transferred zero and \$27 million, respectively, of loans held-for-sale to loans held-for-investment, based upon a change in our intent.

During the six months ended June 30, 2016, we sold nonperforming, TDR and non-agency loans with unpaid principal balances of \$110 million. Upon a change in our intent, the loans were transferred to held-for-sale and subsequently sold resulting in a loss on sale of \$2 million during the six months ended June 30, 2016, which is recorded in net loss on sale of assets on the Consolidated Statements of Operations. The loans sold also resulted in a charge-off of \$8 million during the six months ended June 30, 2016.

Also, during the six months ended June 30, 2016, we sold performing residential first mortgage loans with unpaid principal balances of \$1.2 billion. Upon a change in our intent, the loans were transferred to held-for-sale and subsequently sold resulting in a gain of \$14 million, which is recorded in net gain on loan sales on the Consolidated Statements of Operations.

During the six months ended June 30, 2015, we sold interest-only residential first mortgage loans with unpaid principal balances totaling \$386 million, along with \$401 million of nonperforming, TDR and non-agency first mortgage loans. Upon a change in our intent, the loans were transferred to held-for-sale and subsequently sold resulting in a loss on sale of \$1 million during the six months ended June 30, 2015. The loans sold also resulted in a charge-off of \$51 million during the six months ended June 30, 2015.

During the six months ended June 30, 2016, we purchased jumbo residential first mortgage loans with an unpaid principal balance of \$150 million with a premium of \$1 million. During the six months ended June 30, 2015, we purchased \$197 million of HELOC loans with a premium of \$7 million.

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We have pledged certain loans held-for-investment, loans held-for-sale, and loans with government guarantees to collateralize lines of credit and/or borrowings with the Federal Reserve Bank of Chicago and the Federal Home Loan Bank of Indianapolis. At June 30, 2016 and December 31, 2015, we pledged \$4.9 billion and \$5.8 billion, respectively.

Allowance for Loan Losses

We determine the appropriate level of the allowance on at least a quarterly basis. Refer to Note 1, "Description of Business, Basis of Presentation, and Summary of Significant Accounting Policies" to the consolidated financial statements in the Annual Report on Form 10-K for the year ended December 31, 2015, for a description of the methodology. The allowance for loan losses, other than for loans that have been identified for individual evaluation for impairment, is determined on a loan pool basis by grouping loan types with common risk characteristics to determine our best estimate of incurred losses.

The allowance for loan losses by class of loan are summarized in the following table:

First Second (Note Part Second (Note Part Part Second (Note Part Par		Residential				.Commerci	ลโ	
Chollars in millions Three Months Ended June 30, 2016 Seginning balance allowance for loan losses S95			ge HELOC	Other Consume		al and	Warehou	se _{Total}
Three Months Ended June 30, 2016 Reginning balance allowance for loan losses System S		` '	ions)					
Beginning balance allowance for loan losses Charge-offs (2) (8) (1) — (1) — — — — — — — — (10) Recoveries (Benefit) provision (7) — — 1 — — — — — 1 2 2 — (3) Ending balance allowance for loan losses Three Months Ended June 30, 2015 Beginning balance allowance for loan losses Charge-offs (2) (19) (1) — (1) — — — — — — — — — (21) Recoveries (19) (2) 4 1 — — — — — — — — — — — — — — — — — —	Three Months Ended June 30, 2016	(Donars in illini	10113)					
Recoveries 1	Beginning balance allowance for loan	\$95 \$ 10	\$ 20	\$ 2	\$ 19	\$ 10	\$ 6	\$162
Company Comp		(8) (1)		(1)				(10)
Ending balance allowance for loan losses Three Months Ended June 30, 2015 Beginning balance allowance for loan losses Charge-offs (2) (19) (1) — (1) — — — — — — — (21) Recoveries 1 1 — — 1 — — — — — — — — (13) Ending balance allowance for loan losses Six Months Ended June 30, 2016 Beginning balance allowance for loan losses Six Months Ended June 30, 2016 Beginning balance allowance for loan losses Charge-offs (2) (19) (2) (1) (2) — — — — — — — (24) Recoveries 1 1 — — 1 — — — — — — — — — — — — — —							_	_
Saling S		(7) —	1	_	_	1	2	(3)
Beginning balance allowance for loan losses Charge-offs (2) (19) (1) — (1) — — — — — — (21) Recoveries 1	losses	\$81 \$ 10	\$ 20	\$ 1	\$ 19	\$ 11	\$ 8	\$150
Size								
Recoveries 1 1 — 1 — — — — 3 (Benefit) provision (19) 2 4 1 (1) — — <td></td> <td>\$188 \$ 12</td> <td>\$ 21</td> <td>\$ —</td> <td>\$ 16</td> <td>\$ 12</td> <td>\$ 4</td> <td>\$253</td>		\$188 \$ 12	\$ 21	\$ —	\$ 16	\$ 12	\$ 4	\$253
(Benefit) provision (19) 2 4 1 (1)) — — — (13) Ending balance allowance for loan losses \$151 \$ 14 \$ 25 \$ 1 \$ 1 \$ 15 \$ 15 \$ 12 \$ 4 \$ 222 Six Months Ended June 30, 2016 Beginning balance allowance for loan losses \$116 \$ 11 \$ 21 \$ 2 \$ 18 \$ 2 \$ 18 \$ 13 \$ 6 \$ 187 Charge-offs (2) (19) (2) (1) (2) — — — — — — (24) Recoveries 1 1 — 1 — 1 — — — — — — 3 16) Provision (benefit) (17) — — — 1 (2) 2 (16) (16) 16) 15) 10 \$ 20 \$ 1 \$ 1 \$ 19 \$ 11 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$	Charge-offs (2)	(19)(1)		(1)	_	_		(21)
Ending balance allowance for loan losses \$151 \$14 \$25 \$1 \$15 \$12 \$4 \$222 Six Months Ended June 30, 2016 Beginning balance allowance for loan losses \$116 \$11 \$21 \$2 \$18 \$13 \$6 \$187 Charge-offs (2) (19 (2) (1) (2) — — — — (24) Recoveries 1 1 — 1 — — — — 3 3 2 (16) Provision (benefit) (17)— — <td>Recoveries</td> <td></td> <td></td> <td>1</td> <td>_</td> <td></td> <td></td> <td>_</td>	Recoveries			1	_			_
Six Months Ended June 30, 2016 Beginning balance allowance for loan losses \$116 \$ 11 \$ 21 \$ 2 \$ 18 \$ 13 \$ 6 \$ 187 Charge-offs (2) (19) (2) (1) (2) — — — — (24) Recoveries 1 1 — 1 — 1 — — — — 3 Provision (benefit) (17) — — — — 1 (2) 2 (16) Ending balance allowance for loan losses \$81 \$ 10 \$ 20 \$ 1 \$ 19 \$ 11 \$ 8 \$ \$150 Six Months Ended June 30, 2015 \$234 \$ 12 \$ 19 \$ 1 \$ 17 \$ 11 \$ 3 \$ \$297		(19) 2	4	1	(1)	_		(13)
Beginning balance allowance for loan losses \$116 \$ 11 \$ 21 \$ 2 \$ 18 \$ 13 \$ 6 \$ 187 Charge-offs (2) (19) (2) (1) (2) — — — — — (24) Recoveries 1 1	9	\$151 \$ 14	\$ 25	\$ 1	\$ 15	\$ 12	\$ 4	\$222
Single S	Six Months Ended June 30, 2016							
Charge-offs (2) (19)(2)(1)(2)(1)(2) — — — — — — (24) Recoveries 1 1 1 — 1 — 1 — — — — — 3 Provision (benefit) (17)— — — — — 1 — (2) 2 — (16) Ending balance allowance for loan losses \$81 \$10 \$20 \$1 \$19 \$11 \$8 \$150 Six Months Ended June 30, 2015 Beginning balance allowance for loan losses \$234 \$12 \$19 \$1 \$17 \$11 \$3 \$297		\$116 \$ 11	\$ 21	\$ 2	\$ 18	\$ 13	\$ 6	\$187
Provision (benefit) (17) — — — 1 (2) 2 (16) Ending balance allowance for loan losses \$81 \$ 10 \$ 20 \$ 1 \$ 19 \$ 11 \$ 8 \$ 150 Six Months Ended June 30, 2015 Beginning balance allowance for loan losses \$234 \$ 12 \$ 19 \$ 1 \$ 17 \$ 11 \$ 3 \$ 297		(19)(2)	(1)	(2)	_		_	(24)
Ending balance allowance for loan losses \$81 \$10 \$20 \$1 \$19 \$11 \$8 \$150 Six Months Ended June 30, 2015 \$10	——————————————————————————————————————	1 1	_	1				3
losses Six Months Ended June 30, 2015 Beginning balance allowance for loan losses \$234 \$ 12 \$ 19 \$ 1 \$ 17 \$ 11 \$ 3 \$297	Provision (benefit)	(17) —			1	(2)	2	(16)
Beginning balance allowance for loan losses \$234 \$ 12 \$ 19 \$ 1 \$ 17 \$ 11 \$ 3 \$297	_	\$81 \$ 10	\$ 20	\$ 1	\$ 19	\$ 11	\$ 8	\$150
losses \$234 \$ 12 \$ 19 \$ 1 \$ 17 \$ 11 \$ 3 \$ \$297								
Charge-offs (2) (60) (2) (1) (1) — — (64)		\$234 \$ 12	\$ 19	\$ 1	\$ 17	\$ 11	\$ 3	\$297
	Charge-offs (2)	(60) (2)	(1)	(1)	_	_	_	(64)

Recoveries	2	1		1	2	_	_	6
Provision (benefit)	(25) 3	7	_	(4) 1	1	(17)
Ending balance allowance for loan losses	\$151	\$ 14	\$ 25	\$ 1	\$ 15	\$ 12	\$ 4	\$222

- (1) Includes allowance and charge-offs related to loans with government guarantees. Includes charge-offs of \$2 million and \$15 million related to the sale or transfer of loans during the three months ended June 30, 2016 and June 30, 2015, respectively, and \$8 million and \$51 million related to the sale of loans
- (2) during the six months ended June 30, 2016 and June 30, 2015, respectively. Also includes charge-offs related to loans with government guarantees of \$4 million and \$7 million during the three and six months ended June 30, 2016, respectively.

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The loans held-for-investment and allowance for loan losses by class of loan is summarized in the following table:

	Resider	ntia										
	First	Se	cond	HELOC		her	Co	ommercial	Co	mmercial	Warehouse	Total
	Mortga	gMod	ortgage	TILLOC	Co	nsumer	Re	eal Estate	and	d Industrial	Lending	Total
	(1)											
	(Dollars	s in	millior	ns)								
June 30, 2016												
Loans held-for-investment												
Individually evaluated	\$43	\$	27	\$ 6	\$	_	\$	_	\$	1	\$ —	\$77
Collectively evaluated (2)	2,027	61		296	32		97	'6	614	4	1,651	5,657
Total loans	\$2,070	\$	88	\$ 302	\$	32	\$	976	\$	615	\$ 1,651	\$5,734
Allowance for loan losses												
Individually evaluated	\$7	\$	6	\$ 3	\$		\$	_	\$	_	\$ —	\$16
Collectively evaluated (2)	74	4		17	1		19)	11		8	134
Total allowance for loan losses	\$81	\$	10	\$ 20	\$	1	\$	19	\$	11	\$ 8	\$150
December 31, 2015												
Loans held-for-investment												
Individually evaluated	\$87	\$	28	\$ 3	\$	_	\$		\$	2	\$ —	\$120
Collectively evaluated (2)	3,007	65		318	31		81	4	550	0	1,336	6,121
Total loans	\$3,094	\$	93	\$ 321	\$	31	\$	814	\$	552	\$ 1,336	\$6,241
Allowance for loan losses												
Individually evaluated	\$12	\$	6	\$ 1	\$	1	\$		\$	_	\$ —	\$20
Collectively evaluated (2)	104	5		20	1		18	}	13		6	167
Total allowance for loan losses	\$116	\$	11	\$ 21	\$	2	\$	18	\$	13	\$ 6	\$187

⁽¹⁾ Includes allowance related to loans with government guarantees.

⁽²⁾ Excludes loans carried under the fair value option.

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The following table sets forth the loans held-for-investment aging analysis as of June 30, 2016 and December 31, 2015, of past due and current loans:

	30-5	9 Day	S Days	90 I	Days or	Total		Total
	Past			Gre	ater Past	Past	Current	Investment
	Due	Past I	Jue	Due	e(1)	Due		Loans
	(Dol	lars in	millio	ns)				
June 30, 2016								
Consumer loans								
Residential first mortgage	\$3	\$	1	\$	32	\$ 36	\$2,039	\$ 2,075
Second mortgage	_			3		3	124	127
HELOC	2	1		9		12	334	346
Other	_	_				_	32	32
Total consumer loans	5	2		44		51	2,529	2,580
Commercial loans								
Commercial real estate	_					_	976	976
Commercial and industrial	_					_	615	615
Warehouse lending	_	_				_	1,651	1,651
Total commercial loans	_					_	3,242	3,242
Total loans (2)	\$5	\$	2	\$	44	\$ 51	\$5,771	\$ 5,822
December 31, 2015								
Consumer loans								
Residential first mortgage	\$7	\$	3	\$	53	\$ 63	\$3,037	\$ 3,100
Second mortgage	_			2		2	133	135
HELOC	2	1		9		12	372	384
Other	1					1	30	31
Total consumer loans	10	4		64		78	3,572	3,650
Commercial loans								
Commercial real estate							814	814
Commercial and industrial				2		2	550	552
Warehouse lending							1,336	1,336
Total commercial loans				2		2	2,700	2,702
Total loans (2)	\$10	\$	4	\$	66	\$ 80	\$6,272	\$ 6,352
(1)T 1 1 1 1 1 1 1		00	. 1		1 1 .	1 1	1 1	1

⁽¹⁾ Includes loans that are less than 90 days past due, which have been placed on nonaccrual.

For all classes within the consumer and commercial loan portfolio, loans are placed on nonaccrual status when any portion of principal or interest is 90 days past due (or are determined to be nonperforming), or earlier when we become aware of information indicating that collection of principal and interest is in doubt. When a loan is placed on nonaccrual status, the accrued interest income is reversed. Loans return to accrual status when principal and interest become current and are anticipated to be fully collectible.

Interest income is recognized on nonaccrual loans using a cash basis method. Interest that would have been accrued on impaired loans totaled less than \$1 million and \$1 million during the three and six months ended June 30, 2016, respectively, and \$1 million and \$3 million during the three and six months ended June 30, 2015, respectively. At June 30, 2016 and December 31, 2015, we had no loans 90 days past due and still accruing.

Includes \$10 million of loans 90 days or greater past due, accounted for under the fair value option at both June 30, 2016 and December 31, 2015.

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Troubled Debt Restructuring

We may modify certain loans in both consumer and commercial loan portfolios to retain customers or to maximize collection of the outstanding loan balance. We have programs designed to assist borrowers by extending payment dates or reducing the borrower's contractual payments. All loan modifications are made on a case-by-case basis. Our standards relating to loan modifications consider, among other factors, minimum verified income requirements, cash flow analysis, and collateral valuations. TDRs result in those instances in which a borrower demonstrates financial difficulty and for which a concession has been granted, which includes reductions of interest rate, extensions of amortization period, principal and/or interest forgiveness and other actions intended to minimize the economic loss and to avoid foreclosure or repossession of collateral. These loans are classified as nonperforming TDRs if the loan was nonperforming prior to the restructuring, or based upon the results of a contemporaneous credit evaluation. Such loans will continue on nonaccrual status until the borrower has established a willingness and ability to make the restructured payments for at least six months, after which they will begin to accrue interest.

The following table provides a summary of TDRs outstanding by type and performing status:

	TDRs									
	Perfo	Perfor Nimp erforming								
June 30, 2016	(Dolla	(Dollars in millions)								
Consumer loans										
Residential first mortgage	\$21	\$	13	\$34						
Second mortgage	30	1		31						
HELOC	21	7		28						
Total consumer loans	72	21		93						
Commercial loans										
Commercial and industrial	1	_		1						
Total commercial loans	1	_		1						
Total TDRs (1)(2)	\$73	\$	21	\$94						
December 31, 2015										
Consumer loans										
Residential first mortgage	\$49	\$	27	\$76						
Second mortgage	32	1		33						
HELOC	20	7		27						
Total TDRs (1)(2)	\$101	\$	35	\$136						

⁽¹⁾ The allowance for loan losses on consumer TDR loans totaled \$12\$ million and \$15\$ million at June 30, 2016 and December 31, 2015, respectively.

Some loan modifications classified as TDRs may not ultimately result in the full collection of principal and interest, as modified, but may give rise to potential incremental losses. We measure impairments using a discounted cash flow method for performing TDRs and measure impairment based on collateral values for re-defaulted TDRs.

⁽²⁾ Includes \$30 million and \$32 million of TDR loans accounted for under the fair value option at June 30, 2016 and December 31, 2015, respectively.

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The following table provides a summary of newly modified TDRs during the three and six months ended June 30, 2016 and 2015.

	New	V TDF	Rs				
	of	Onpa	Modific Post-laid Unpai Unpai Balan nce	All			
Three Months Ended June 30, 2016				millions)			
Residential first mortgages	3	\$ 1	\$	1	\$		
Second mortgages	5						
HELOC (2)(3)	20	2	2		—		
Total TDR loans	28	\$3	\$	3	\$		
Three Months Ended June 30, 2015							
Residential first mortgages	77	\$23	\$	22	\$	(2)
Second mortgages	35	1	1		_		
HELOC (2)	122	8	7		_		
Other consumer	3				_		
Total TDR loans	237	\$32	\$	30	\$	(2)
Six Months Ended June 30, 2016							
Residential first mortgages	16	\$3	\$	4	\$		
Second mortgages	26	1	1		_		
HELOC (2)(3)	85	6	5		_		
Commercial and industrial	1	2	1		_		
Total TDR loans	128	\$12	\$	11	\$	_	
Six Months Ended June 30, 2015							
Residential first mortgages	191	\$53	\$	52	\$	(1)
Second mortgages	68	3	2		_		
HELOC (2)(3)	158	8	7		_		
Other consumer	3		_		_		
Total TDR loans	420	\$ 64	\$	61	\$	(1)

⁽¹⁾ Post-modification balances include past due amounts that are capitalized at modification date.

⁽²⁾ HELOC post-modification unpaid principal balance reflects write downs.

⁽³⁾ Includes loans carried at the fair value option.

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The following table provides a summary of TDR loans that were modified within the previous 12 months, which subsequently defaulted during the three and six months ended June 30, 2016 and 2015. All TDR classes within consumer and commercial loan portfolios are considered subsequently defaulted when they are greater than 90 days past due.

	prev whi	Rs that way ious 12 ch have saulted	months		he				
				Increase in					
	Nur	Number of Accounts Accounts Allowar Arincipalt Balan							
	Acc	ent							
			Default	•					
Three Months Ended June 30, 2015		(Dollars	s in mil	llions)					
Second mortgages	1	\$		\$					
Total TDR loans	1	\$		\$					
Six Months Ended June 30, 2016									
Residential first mortgages	1	\$		\$	_				
HELOC (1)	4								
Total TDR loans	5	\$		\$					
Six Months Ended June 30, 2015									
Second mortgages	1	\$		\$					
Total TDR loans	1	\$	_	\$	_				

⁽¹⁾ HELOC post-modification unpaid principal balance reflects write downs.

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Impaired Loans

Loans are considered impaired if it is probable that payment of interest and principal will not be made in accordance with the contractual terms of the loan agreement or when any portion of principal or interest is 90 days past due. The following table presents individually evaluated impaired loans and the associated allowance:

	June	30	, 2016			December 31, 2015				
	Recorded Principal Investment Balance		Related Allowance		Recorded Principal Investment Balance		Re All	lated lowance		
	(Dol	llar	s in mil							
With no related allowance recorded										
Consumer loans										
Residential first mortgage loans Commercial loans	\$2	\$	2	\$	_	\$20	\$ 20	\$	_	
Commercial and industrial	1	1		_		5	2	_		
	\$3	\$	3	\$	_	\$25	\$ 22	\$		
With an allowance recorded										
Consumer loans										
Residential first mortgage	\$41	\$	41	\$	6	\$65	\$ 67	\$	12	
Second mortgage	26	27		7		28	28	6		
HELOC	6	6		3		3	3	1		
Other consumer								1		
	\$73	\$	74	\$	16	\$96	\$ 98	\$	20	
Total										
Consumer loans										
Residential first mortgage	\$43	\$	43	\$	6	\$85	\$ 87	\$	12	
Second mortgage	26	27		7		28	28	6		
HELOC	6	6		3		3	3	1		
Other consumer	—					_	_	1		
Commercial loans										
Commercial and industrial	1	1		_		5	2	_		
Total impaired loans	\$76	\$	77	\$	16	\$121	\$ 120	\$	20	

The following table presents average impaired loans and the interest income recognized:

	Thre	ee Moi	nths En	ded Jun	e 30,		Six Months Ended June 30,					
	2010	5		2015	2015		2016	2016		2015		
	Ave	r ligte re	est	AverageInterest		Aver ligte rest		est	AverageInterest		est	
	Rec	o łded r	ne	Recordelhcome		Recolidedme		ne	Recordelhcome		ne	
	Inve	skraeo	gnized	Investr	n R netco	gnized	Inve	skraeog	gnized	Investn	n Rhe tco	gnized
	(Do	llars ir	millio	ns)								
Consumer loans												
Residential first mortgage	\$47	\$		\$ 116	\$	1	\$60	\$	1	\$ 210	\$	2
Second mortgage	27	1		31			27	1		31	1	
HELOC	5	_		2			5	_		2		
Commercial loans												
Commercial and industrial	l 1	_					3	_		_		
Total impaired loans	\$80	\$	1	\$ 149	\$	1	\$95	\$	2	\$ 243	\$	3

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Credit Quality

We utilize an internal risk rating system in accordance with the Rating Credit Risk booklet of the Comptroller's Handbook, April 2011 and the Uniform Retail Credit classification and Account Management Policy issued June 20, 2000 by the Federal Financial Institution Examination Council ("FFIEC") which is applied to all consumer and commercial loans. Descriptions of our internal risk ratings as they relate to credit quality follow the ratings used by the U.S. bank regulatory agencies as listed below.

Pass. Pass assets are not impaired nor do they have any known deficiencies that could impact the quality of the asset.

Watch. Watch assets are defined as pass rated assets that exhibit elevated risk characteristics or other factors that deserve management's close attention and increased monitoring. However, the asset does not exhibit a potential or well-defined weakness that would warrant a downgrade to criticized or adverse classification.

Special mention. Assets identified as special mention possess credit deficiencies or potential weaknesses deserving management's close attention. Special mention assets have a potential weakness or pose an unwarranted financial risk that, if not corrected, could weaken the assets and increase risk in the future. Special mention assets are criticized, but do not expose an institution to sufficient risk to warrant adverse classification.

Substandard. Assets identified as substandard are inadequately protected by the current net worth and paying capacity of the obligor or of the collateral pledged, if any. Assets so classified must have a well-defined weakness or weaknesses that jeopardize the liquidation of the debt. They are characterized by the distinct possibility that we will sustain some loss if the deficiencies are not corrected. For HELOC loans and other consumer loans, we evaluate credit quality based on the aging and status of payment activity and any other known credit characteristics that call into question full repayment of the asset. Nonperforming loans are classified as either substandard, doubtful or loss.

Doubtful. An asset classified as doubtful has all the weaknesses inherent in one classified substandard, with the added characteristic that the weaknesses make collection or liquidation in full, on the basis of currently existing facts, conditions and values, highly questionable and improbable. A doubtful asset has a high probability of total or substantial loss, but because of specific pending events that may strengthen the asset, its classification as loss is deferred. Doubtful borrowers are usually in default, lack adequate liquidity or capital, and lack the resources necessary to remain an operating entity. Pending events can include mergers, acquisitions, liquidations, capital injections, the perfection of liens on additional collateral, the valuation of collateral, and refinancing. Generally, pending events should be resolved within a relatively short period and the ratings will be adjusted based on the new information. Because of high probability of loss, non-accrual accounting treatment is required for doubtful assets.

Loss. An asset classified as loss is considered uncollectible and of such little value that the continuance as bankable asset is not warranted. This classification does not mean that an asset has absolutely no recovery or salvage value, but, rather that it is not practical or desirable to defer writing off this basically worthless asset even though partial recovery may be affected in the future.

Commercial Loans

Management conducts periodic examinations which serve as an independent verification of the accuracy of the ratings assigned. Loan grades are based on different factors within the borrowing relationship: entity sales, debt service coverage, debt/total net worth, liquidity, balance sheet and income statement trends, management experience, business stability, financing structure of the deal, and financial reporting requirements. The underlying collateral is also rated based on the specific type of collateral and corresponding LTV. The combination of the borrower and collateral risk ratings result in the final rating for the borrowing relationship.

Consumer Loans

Consumer loans consist of open and closed end loans extended to individuals for household, family, and other personal expenditures, and includes consumer loans, loans to individuals secured by their personal residence, including first mortgage, home equity, and home improvement loans. Because consumer loans are usually relatively small-balance, homogeneous exposures, consumer loans are rated primarily on payment performance. Payment performance is a proxy for the strength of repayment capacity and loans are generally classified based on their payment status rather than by an individual review of each loan.

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In accordance with regulatory guidance, we assign risk ratings to consumer loans in the following manner:

- •Consumer loans are classified as Watch once the loan becomes 60 days past due.
- •Open and closed-end consumer loans 90 days or more past due are classified Substandard.

Commercial Credit Loa	Estate	e Ind	ustrial	ial and	Wareh	ouse	Total Comm	ercial
June 30, 2016	(Doll	ars i	n milli	ons)				
Grade								
Pass	\$934		562		\$ 1,50	5	\$ 3,00	1
Watch	38	20			146		204	
Special mention	3	32					35	
Substandard	1	1					2	
Total loans	\$976	\$	615		\$ 1,65	1	\$ 3,24	2
December 31, 2015								
Pass	\$766	\$	492		\$ 1,18	1	\$ 2,43	9
Watch	42	30			155		227	
Special mention	2	21					23	
Substandard	4	9					13	
Total loans	\$814	\$	552		\$ 1,33	6	\$ 2,70	2
Consumer Credit Loans	Resider Mortga			HELO	C Oth	er Co	nsumer	Total
June 30, 2016	(Dollar	s in 1	millior	ıs)				
Grade								
Pass	\$2,019	\$ 9	93	\$ 315	\$	32		\$2,459
Watch	21	31		22				74
Substandard	35	3		9				47
Total loans	\$2,075	\$ 1	.27	\$ 346	\$	32		\$2,580
December 31, 2015								
Pass	\$2,993	\$ 1	.01	\$ 353	\$	31		\$3,478
Watch	49	32		22				103
Substandard	58	2		9				69
Total loans	\$3,100	\$ 1	.35	\$ 384	\$	31		\$3,650

Note 6 – Variable Interest Entities ("VIEs")

In 2015, we executed clean-up calls of the FSTAR 2005-1 and FSTAR 2006-2 long-term debt associated with the HELOC securitization trusts. The transactions resulted in cash payments of \$52 million to the debt bondholders during the year ended December 31, 2015. After payment of the debt, the FSTAR 2005-1 and FSTAR 2006-2 HELOC securitization trusts were dissolved and we no longer have any consolidated VIEs as of December 31, 2015.

We have a continuing involvement, but are not the primary beneficiary for one unconsolidated VIE related to the FSTAR 2007-1 mortgage securitization trust. In accordance with the settlement agreement with MBIA Insurance Corporation ("MBIA"), there is no further recourse to us related to FSTAR 2007-1, unless MBIA fails to meet their obligations. At June 30, 2016 and December 31, 2015, the FSTAR 2007-1 mortgage securitization trust included 2,762 loans and 3,061 loans, respectively, with an aggregate principal balance of \$103 million and \$117 million, respectively.

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Note 7 – Mortgage Servicing Rights

We have investments in mortgage servicing rights ("MSRs") resulting from the sale of loans to the secondary market and retaining the servicing. The primary risk associated with MSRs is the potential reduction in value as a result of higher than anticipated prepayments due to loan refinancing prompted, in part, by declining interest rates or government intervention. Conversely, these assets generally increase in value in a rising interest rate environment to the extent that prepayments are slower than anticipated. We also utilize derivatives as economic hedges to offset changes in the fair value of the MSRs resulting from the actual or anticipated changes in prepayments stemming from changing interest rate environments. Our portfolio of MSRs is highly sensitive to movements in interest rates. There is also a risk of valuation decline due to higher than expected increases in default rates, which we do not believe can be effectively managed using derivatives. See Note 8 of the Notes to the Consolidated Financial Statements, herein, for further information regarding the derivative instruments utilized to manage our MSR risks.

Changes in the carrying value of residential first mortgage MSRs, accounted for at fair value, were as follows:

	Three Months Ended June 30,	Six Months Ended June 30,
	2016 2015	2016 2015
	(Dollars in mi	illions)
Balance at beginning of period	\$281 \$279	\$296 \$258
Additions from loans sold with servicing retained	65 77	122 146
Reductions from sales	— (49)	(24) (71)
Changes in fair value due to (1)		
Decrease in MSR due to pay-offs, pay-downs and run-off	(15) (11)	(26) (26)
Changes in estimates of fair value (2)	(30) 21	(67) 10
Fair value of MSRs at end of period	\$301 \$317	\$301 \$317

- (1) Changes in fair value are included within net (loss) return on mortgage servicing rights on the Consolidated Statements of Operations.
- (2) Represents estimated MSR value change resulting primarily from market-driven changes in interest rates.

The following table summarizes the hypothetical effect on the fair value of servicing rights carried at fair value using adverse changes of 10 percent and 20 percent to the weighted average of certain significant assumptions used in valuing these assets:

	June 30, 2016			Decem	ibe	r 31, 2	015	
	Fair value due						Fair v	alue due
	to						to	
	10% 20			20%			10%	20%
	Actual		adver	sædverse	Actual		adver	s æ dverse
			chang	c hange			chang	c hange
			(Doll	ars in mil	lions)			
Option adjusted spread	8.37	%	\$293	\$ 285	8.24	%	\$287	\$ 279
Constant prepayment rate	16.38	%	287	274	12.63	%	285	275
Weighted average cost to service per loan	\$70.99		297	293	\$71.86	6	292	288

The sensitivity calculations above are hypothetical and should not be considered to be predictive of future performance. Changes in fair value based on adverse changes in assumptions generally cannot be extrapolated because the relationship of the change in assumption to the change in fair value may not be linear. To isolate the effect of the specified change, the fair value shock analysis is consistent with the identified adverse change, while holding all other

assumptions constant. In practice, a change in one assumption generally impacts other assumptions, which may either magnify or counteract the effect of the change.

See Note 18 of the Notes to the Consolidated Financial Statements, herein, for further fair value disclosures relating to mortgage servicing rights.

Contractual servicing and subservicing fees. Contractual servicing and subservicing fees, including late fees and other ancillary income are presented below. Contractual servicing fees are included within net (loss) return on mortgage servicing rights on the Consolidated Statements of Operations. Contractual subservicing fees including late fees and other ancillary

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income are included within loan administration income on the Consolidated Statements of Operations. Subservicing fee income is recorded for fees earned, net of third party subservicing costs, for loans subserviced.

The following table summarizes the servicing fees:

	Three Months Ended June 30,					Six Months Ended June 30,						
	2010	6		201	5		2010	6		2015	5	
	(Do	llars in	millions))								
Income on mortgage												
servicing rights	S											
Servicing fees,												
ancillary income and	\$	21		\$	17		\$	38		\$	34	
late fees (1)												
Changes in fair value (2)	r (45)	12			(93)	(14)
Gain on MSR derivatives (3)	19			(14)	45			(5)
Net transaction costs	¹ 1			(6)				(8)
Total (loss)												
return, included in net return on	\$	(4)	\$	9		\$	(10)	\$	7	
mortgage servicing rights	S											

- (1) Servicing fees are recorded on the accrual basis. Ancillary income and late fees are recorded on a cash basis.
- (2) Includes a \$2 million gain related to the sale of MSRs during the three and six months ended June 30, 2015.
- (3) Changes in the derivatives utilized as economic hedges to offset changes in fair value of the MSRs.

The agency servicing fees, ancillary income and late fees increased during the six month ended June 30, 2016, as compared to the six month ended June 30, 2015, primarily driven by the higher amount of loans serviced and fewer MSR sales during 2016.

The following table summarizes income and fees associated on our mortgage loans subserviced:

Three Six
Months Months
Ended Ended
June 30, June 30,
20162015 2016 2015
(Dollars in millions)

Income on mortgage loans subserviced

Subservicing fees, ancillary income and late fees (1) \$7 \$9 \$14 \$16 Other servicing charges (3) (2) (4) (5) Total income, included in loan administration \$4 \$7 \$10 \$11

(1) Servicing fees are recorded on the accrual basis. Ancillary income and late fees are recorded on cash basis.

The subservice fees decreased during the six month ended June 30, 2016, as compared to the six month ended June 30, 2015, primarily due to a decrease in subservice volume near the end of 2015.

Note 8 – Derivative Financial Instruments

Derivative financial instruments are recorded at fair value in other assets and other liabilities on the Consolidated Statements of Financial Condition after taking into account the effects of legally enforceable bilateral collateral and master netting agreements. The Company is exposed to non-performance risk by the counterparties to its various derivative financial instruments. The Company believes that the non-performance risk inherent in all its derivative contracts is minimal based on credit standards and the collateral provisions of the derivative agreements. A majority of the Company's derivatives are centrally cleared through a Central Counterparty Clearing House or consist of residential mortgage interest rate lock commitments further limiting non-performance risk.

Derivatives not designated as hedging instruments: The Company maintains a derivative portfolio of interest rate swaps, futures and forward commitments used to manage exposure to changes in interest rates, MSR asset values and to meet the needs of customers. The Company also enters into interest rate lock commitments, which are commitments to originate mortgage loans whereby the interest rate on the loan is determined prior to funding and the customers have locked into that interest rate. Market risk on interest rate lock commitments and mortgage loans held-for-sale is managed using corresponding forward sale commitments.

Changes in fair value of derivatives not designated as hedging instruments are recognized in the Consolidated Statements of Income.

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Derivatives designated as hedging instruments: We have designated certain interest rate swaps as cash flow hedges of certain interest rate payments of our variable-rate Federal Home Loan Bank (FHLB) advances. We have also designated certain interest rate swaps as fair value hedges of certain FHLB advances.

Changes in the fair value of derivatives designated as cash flow hedges are recorded in other comprehensive income on the Consolidated Statement of Financial Condition and reclassified into interest expense in the same period in which the hedge transaction is recognized in earnings. At June 30, 2016, we had \$40 million (net-of-tax) recorded of unrealized losses on derivatives classified as cash flow hedges recorded in accumulated other comprehensive income (loss), compared to \$3 million at December 31, 2015. The estimated amount to be reclassified from other comprehensive income into earnings during the next 12 months represents \$8 million of losses (net-of-tax). Changes in the fair value of the derivatives designated as a fair value hedge are recorded in interest expense, in the same line as changes in the fair value of the FHLB debt, the hedged item, in the current period to the extent it is effective.

Derivatives that are designated in hedging relationships are assessed for effectiveness using regression analysis at inception and throughout the hedge period. All hedge relationships were highly effective as of June 30, 2016. Cash flows and the profit impact associated with designated hedges are reported in the same category as the underlying hedged item.

The net gain (loss) recognized in income on derivative instruments, net of the impact of offsetting positions, were as follows:

10110 W.S.									
		Three Months Ended June 30,			ded	Six M June 3	s Endec	1	
	Location of Gain/(Loss)	2016		2015		2016		2015	
	Gami/(Loss)	(Dolla	ars in	millior	ns)				
Derivatives not designated as hedging instruments:									
	Net (loss) return on								
U.S. Treasury, swap and euro dollar futures	mortgage servicing rights Net (loss)	\$ 1		\$ (3)	\$ 4		\$ 3	
	return on								
Interest rate swaps and swaptions	mortgage servicing rights	13		(8)	28		(8)
Mortgage backed securities forwards	Net (loss) return on mortgage servicing rights	5		(3)	13			
Rate lock commitments and forward agency and loan sales	Net gain on loan sales Other	(6)	10		(1)	20	
Rate lock commitments	noninterest income			(1)	1		_	
Interest rate swaps	Other noninterest	(1)			1			

income

Total derivative (loss) gain \$ 12 \$ (5) \$ 46 \$ 15

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The notional amount, estimated fair value and maturity of our derivative financial instruments were as follows:

Notional (Dollars	l Ai Fa	mount ur Value millions)	Expiration Dates
4.2.5 0	ф		2020
\$250	\$	2	2020
¢ 025	ф	56	2023-2025
φ02 <i>3</i>	Ф	30	2025-2025
\$749	\$	3	2016-2020
		3	2016
	•	3	2016
			2016-2046
*			
. ,			
\$7,903	\$	3	2016-2019
6,054	58	}	2016
46	_	-	2016
510		-	2016-2026
\$14,513	\$	79	
\$825	\$	4	2023-2025
¢ 1 00 2	Φ		2016 2010
			2016-2019
	•	5	2016 2016
			2016-2035
-			2010-2033
\$0,970	ψ	30	
\$768	\$	1	2016-2019
		•	2016
168		_	2016
422	7		2016-2025
	\$	14	-
	\$250 \$825 \$749 468 6,305 2,337 \$9,859 \$7,903 6,054 46 510 \$14,513 \$825 \$1,892 1,931 3,593 1,554 \$8,970 \$768 2,655 168 422	\$250 \$ \$825 \$ \$749 \$ 468 4 6,305 83 2,337 88 \$9,859 \$ \$7,903 \$ 6,054 58 46 — 510 18 \$14,513 \$ \$825 \$ \$1,892 \$ 1,931 7 3,593 26 1,554 25 \$8,970 \$ \$768 \$ 2,655 6 168 — 422 7	\$825 \$ 56 \$749 \$ 3 468 4 6,305 83 2,337 88 \$9,859 \$ 178 \$7,903 \$ 3 6,054 58 46 — 510 18 \$14,513 \$ 79 \$825 \$ 4 \$1,892 \$ — 1,931 7 3,593 26 1,554 25 \$8,970 \$ 58 \$768 \$ 1 2,655 6 168 — 422 7

⁽¹⁾ Derivatives liabilities are included in other liabilities on the Consolidated Statements of Financial Condition.

⁽²⁾ Derivative assets are included in other assets on the Consolidated Statements of Financial Condition.

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The following tables present the derivatives subject to a master netting arrangement, including the cash pledged as collateral:

	Gr	oss	Ne	et	An Of Sta Fin	ffset	nts Not in the nent of cial
	Ne Grosshe Amostr of Fir	etted in e ntement nancial sition	of Financial Position		Finationial at Institionian		
June 30, 2016 Derivatives designated as hedging instruments: Assets							
Interest rate swaps on FHLB advances (1) Liabilities	\$2 \$	2	\$		\$	\$	
Interest rate swaps on FHLB advances (1)	\$56\$	2	\$	54	\$	\$	35
Derivatives not designated as hedging instruments: Assets							
U.S. Treasury, swap and euro dollar futures Mortgage backed securities forwards	\$3 \$ 4 —	3	\$ 4	_	\$	\$ - —	_
Interest rate swaps and swaptions (1) Total derivative assets	88 — \$95\$		88 \$	92		- 19 - \$ -	
Liabilities	Ф2 Ф	2	ф		ф	Φ	~
U.S. Treasury, swap and euro dollar futures Mortgage backed securities forwards	\$3 \$ 58 —		\$ 58			\$- 62	
Interest rate swaps and swaptions (1) Total derivative liabilities	18 — \$79\$		18 \$	76		- 14 - \$ -	
December 31, 2015 Derivatives designated as hedging instruments: Liabilities							
Interest rate swaps on FHLB advances	\$4 \$	_	\$	4	\$	\$	19
Derivatives not designated as hedging instruments: Assets							
Mortgage backed securities forwards Interest rate swaps and swaptions (1) Total derivative assets	\$7 \$ 25 — \$32\$		25	7 32	_		

Liabilities

U.S. Treasury, swap and euro dollar futures	\$1 \$ —	\$ 1	\$ \$ 2
Mortgage backed securities forwards	6 —	6	— 8
Interest rate swaps and swaptions (1)	7 —	7	— 12
Total derivative liabilities	\$14\$ —	\$ 14	\$ \$ 22

Additional funds are pledged to a Central Counterparty Clearing House in the amount of \$32 million as of June 30, (1)2016 and \$7 million as of December 31, 2015 to maintain initial margin requirements. This collateral is in addition to the amount required to be maintained for potential market changes shown in the cash collateral column above.

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We pledged a total of \$116 million of cash collateral to counterparties and had an obligation to return cash of \$19 million at June 30, 2016 for derivative activities. We pledged a total of \$41 million of cash collateral to counterparties and had an obligation to return cash of \$14 million at December 31, 2015 for derivative activities. The net cash pledged is restricted and is included in other assets on the Consolidated Statements of Financial Condition.

Note 9 - Debt

The portfolio of Federal Home Loan Bank advances includes short-term adjustable rate, short-term fixed rate advances, long-term LIBOR adjustable advances, and long-term fixed rate advances. The following is a breakdown of the advances outstanding:

	June 30, 2016		December 31			
	June 30	, 2010	2015			
	Amoun	tRate	AmountRate			
	(Dollar	s in mill	ions)			
Short-term adjustable rate	\$1	0.70%	\$ —	%		
Short-term fixed rate term advances	1,068	0.40%	2,116	0.32%		
Long-term LIBOR adjustable advances	1,025	0.80%	825	0.70%		
Long-term fixed rate advances (1)	552	1.44%	600	1.37%		
Total	\$2,646	0.77%	\$3,541	0.59%		

Includes the current portion of fixed rate advances of \$125 million and \$175 million at June 30, 2016 and December 31, 2015, respectively.

We settled \$375 million in long-term fixed rate Federal Home Loan Bank advances during the fourth quarter 2015, which resulted in a gain on extinguishment of debt of \$3 million, included in other noninterest income.

We are required to maintain a minimum amount of qualifying collateral. In the event of default, the Federal Home Loan Bank advance is similar to a secured borrowing, whereby the Federal Home Loan Bank has the right to sell the pledged collateral to settle the fair value of the outstanding advances.

At June 30, 2016, we had the authority and approval from the Federal Home Loan Bank to utilize a line of credit of up to \$7.0 billion and we may access that line to the extent that collateral is provided. At June 30, 2016, we had \$2.6 billion of advances outstanding and an additional \$0.9 billion of collateralized borrowing capacity available at Federal Home Loan Bank. The advances can be collateralized by non-delinquent single-family residential first mortgage loans, loans with government guarantees, certain other loans and investment securities.

At June 30, 2016, \$1.0 billion of the outstanding advances were adjustable rate based on the three-month LIBOR index. Interest rates on these advances reset every three months and the advances may be prepaid without penalty, with notification at scheduled three month intervals after an initial 12 month lockout period.

	Three Mo	onths	Six Months Ended		
	Ended Jun	ne 30,	June 30,		
	2016	2015	2016	2015	
	(Dollars i	n millions))		
Maximum outstanding at any month end	\$2,646	\$2,198	\$3,557	\$2,198	
Average outstanding balance	2,460	1,828	2,841	1,497	
Average remaining borrowing capacity	983	1,503	843	1,697	
Weighted average interest rate	1.42 %	0.90 %	1.25 %	0.97 %	

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The following outlines our Federal Home Loan Bank advance final maturity dates as of June 30, 2016:

June 30, 2016
(Dollars in millions)
2016 \$ 1,194
2017 50
2018 125
2019 —
Thereafter 1,277
Total \$ 2,646

Trust Preferred Securities