

223,596

YTD 2018

TABLE 1. TOTA	L BOOI	K OF BUSINES		NENTS (\$ in Million	1s) 1							
	Mortgage Portfolio End Balance [Table 2]		+	Total Fannie Mae MBS and Other Guarantees [Table 4]	BS and Other Fannie Mae MBS in Guarantees Portfolio Total Book of Compounder		Compounded Growth Rate	New Business Acquisitions				
February 2017	\$	268,802		\$ 2,934,631		\$	51,223		\$ 3,152,210	0.8 %	\$	39,748
March 2017		268,833		2,946,652			54,938		3,160,547	3.2 %		40,964
April 2017		278,462		2,953,250			67,739		3,163,973	1.3 %		41,845
May 2017		255,721		2,961,339			49,255		3,167,805	1.5 %		43,632
June 2017		255,798		2,970,836			51,252		3,175,382	2.9 %		49,443
July 2017		245,693		2,979,319			46,848		3,178,164	1.1 %		49,261
August 2017		244,036		2,993,361			49,057		3,188,340	3.9 %		50,579
September 2017		245,133		3,003,863			53,481		3,195,515	2.7 %		50,607
October 2017		235,779		3,011,884			47,824		3,199,839	1.6 %		47,242
November 2017		236,298		3,019,831			50,778		3,205,351	2.1 %		48,006
December 2017		230,783		3,034,493			48,792		3,216,484	4.2 %	\$	53,018
YTD 2017	\$	230,783		\$ 3,034,493		\$	48,792		\$ 3,216,484	2.3 %	\$	569,616
January 2018	\$	234,896		\$ 3,048,149		\$	59,470		\$ 3,223,575	2.7 %	\$	45,513
February 2018		223,596		3,058,018	·		49,741	-	 3,231,873	3.1 %	\$	40,551

49,741

3,058,018

# **MONTHLY SUMMARY HIGHLIGHTS**

# February 2018

- Fannie Mae's *Book of Business* increased at a compound annualized rate of 3.1% percent in February.
- The Conventional Single-Family Serious Delinquency Rate decreased 1 basis point to 1.22% in February. The Multifamily Serious Delinquency Rate remained flat at 0.11%.
- Fannie Mae completed 6,599 loan modifications in February.

# IMPORTANT NOTE:

Fannie Mae has been under conservatorship, with the Federal Housing Finance Agency (FHFA) acting as conservator, since September 6, 2008.

TABLE 2. MORT	TABLE 2. MORTGAGE PORTFOLIO ACTIVITY (\$ in Millions) 1								TABLE 3. MORTGAGE PORTFOLIO COMPOSITION (\$ in Millions) 1									
							Mortg	gage Portfolio	Fannie Mae MBS		Non-Fannie Mae Mortgage Securities				Mortgage Portfolio			
	P	urchases		Sales	Liqu	idations	Er	d Balance	in P	Portfolio	Mor	tgage Loans	Agency		Non-Agency		End Balance	
February 2017	\$	18,984	\$	(19,153)	\$	(4,010)	\$	268,802	\$	51,223	\$	207,773	\$	2,691	\$	7,115	\$	268,802
March 2017		21,327		(17,330)		(3,966)		268,833		54,938		204,739		2,412		6,744		268,833
April 2017		34,867		(22,012)		(3,226)		278,462		67,739		201,480		2,715		6,528		278,462
May 2017		23,108		(41,192)		(4,657)		255,721		49,255		198,236		2,814		5,416		255,721
June 2017		23,808		(20,158)		(3,573)		255,798		51,252		197,194		2,284		5,068		255,798
July 2017		23,250		(30,087)		(3,268)		245,693		46,848		191,668		2,285		4,892		245,693
August 2017		25,519		(23,826)		(3,350)		244,036		49,057		188,443		2,037		4,499		244,036
September 2017		27,057		(23,289)		(2,671)		245,133		53,481		185,439		1,730		4,483		245,133
October 2017		23,756		(30,133)		(2,977)		235,779		47,824		182,640		1,610		3,705		235,779
November 2017		25,602		(21,994)		(3,089)		236,298		50,778		180,873		1,133		3,514		236,298
December 2017		21,969		(24,729)		(2,755)		230,783		48,792		177,365		1,417		3,209		230,783
YTD 2017	\$	293,408	\$	(293,577)	\$	(41,402)	\$	230,783	\$	48,792	\$	177,365	\$	1,417	\$	3,209	\$	230,783
January 2018	\$	27,068	\$	(19,768)	\$	(3,187)	\$	234,896	\$	59,470	\$	171,203	\$	1,803	\$	2,420	\$	234,896
February 2018		20,418		(29,507)		(2,211)		223,596		49,741		168,178		3,282		2,395		223,596
YTD 2018	\$	47,486	\$	(49,275)	\$	(5,398)	\$	223,596	\$	49,741	\$	168,178	\$	3,282	\$	2,395	\$	223,596

3,231,873

2.9 % \$

86,064

TABLE 4. FANN	<u>IE MAI</u>	E GUARANTY B	OOK OF BUS	SINESS (\$ in Millio	ons) 1											
							Fannie Mae		Other	Tota	al Fannie Mae	Compounded				Fannie Mae
	Total Fannie Mae MBS			MBS Annualized	F	Fannie Mae		BS and Other	Growth (Decline)	M	ortgage		Guaranty			
	Is	suances	Lic	quidations	Eı	nd Balance	Liquidation Rate	G	uarantees		Guarantees	Rate		oans	E	Book of Business
February 2017	\$	40,519	\$	(35,375)	\$	2,919,544	(14.6)%	\$	15,087	\$	2,934,631	2.1 %	\$	207,773	\$	3,142,404
March 2017		42,088		(30,005)		2,931,627	(12.3)%		15,025		2,946,652	5.0 %		204,739		3,151,391
April 2017		42,458		(35,782)		2,938,303	(14.6)%		14,947		2,953,250	2.7 %		201,480		3,154,730
May 2017		42,874		(34,614)		2,946,563	(14.1)%		14,776		2,961,339	3.3 %		198,236		3,159,575
June 2017		48,634		(38,993)		2,956,204	(15.9)%		14,632		2,970,836	3.9 %		197,194		3,168,030
July 2017		49,805		(41,265)		2,964,744	(16.8)%		14,575		2,979,319	3.5 %		191,668		3,170,987
August 2017		52,093		(38,001)		2,978,836	(15.4)%		14,525		2,993,361	5.8 %		188,443		3,181,804
September 2017		52,539		(42,001)		2,989,374	(16.9)%		14,489		3,003,863	4.3 %		185,439		3,189,302
October 2017		46,263		(38,099)		2,997,538	(15.3)%		14,346		3,011,884	3.3 %		182,640		3,194,524
November 2017		48,507		(40,440)		3,005,605	(16.2)%		14,226		3,019,831	3.2 %		180,873		3,200,704
December 2017		52,153		(37,530)		3,020,228	(15.0)%		14,265		3,034,493	6.0 %		177,365		3,211,858
YTD 2017	\$	580,363	\$	(458,736)	\$	3,020,228	(15.8)%	\$	14,265	\$	3,034,493	4.1 %	\$	177,365	\$	3,211,858
January 2018	\$	50,510	\$	(36,763)	\$	3,033,975	(14.6)%	\$	14,174	\$	3,048,149	5.5 %	\$	171,203	\$	3,219,352
February 2018		43,354		(33,387)		3,043,942	(13.2)%		14,076		3,058,018	4.0 %		168,178		3,226,196
YTD 2018	\$	93,864	\$	(70,150)	\$	3,043,942	(13.9)%	\$	14,076	\$	3,058,018	4.7 %	\$	168,178	\$	3,226,196

TABLE 5. OTHER INVE	ESTMENTS (S	TABLE 6. DEBT A									
		Original Maturity									
	O	ther Investments	< 1 Year		М	aturities and	·	Foreign Exchange	<del>,</del>		Total Debt
		End Balance	End Balance	 Issuances	R	edemptions	Repurchases	Adjustments		End Balance	Outstanding
February 2017	\$	91,677	\$ 38,037	\$ 4,378	\$	(5,419)	\$ _	\$ (7)	\$	290,392	\$ 328,429
March 2017		90,214	37,478	2,134		(1,500)		7		291,033	328,511
April 2017		71,038	32,832	 2,975		(8,156)	_	14		285,866	 318,698
May 2017		88,875	30,491	 2,939		(5,063)	(80)	(2)		283,660	 314,151
June 2017		78,178	30,527	 _		(10,130)	_	5		273,535	 304,062
July 2017		87,241	29,634	1,781		(2,971)	_	7		272,352	301,986
August 2017		84,814	28,360	 4,345		(9,151)	(70)	(10)		267,466	 295,826
September 2017		78,332	33,359	310		(8,934)	_	16		258,858	292,217
October 2017		78,482	29,593	3,527		(9,993)	(283)	(4)		252,105	281,698
November 2017		78,320	28,264	1,561		(1,561)	(967)	8		251,146	279,410
December 2017		80,649	33,412	201		(7,277)	(13)	_		244,057	277,469
YTD 2017	\$	80,649	\$ 33,412	\$ 30,747	\$	(79,118)	\$ (1,413)	\$ 42	\$	244,057	\$ 277,469
January 2018	\$	74,823	\$ 32,071	\$ 2,545	\$	(4,963)	\$ (85)	\$ 24	\$	241,578	\$ 273,649
February 2018		83,410	32,112	1,498		(6,735)		(15)		236,326	268,438
YTD 2018	\$	83,410	\$ 32,112	\$ 4,043	\$	(11,698)	\$ (85)	\$ 9	\$	236,326	\$ 268,438

TABLE 7	SERIOUS	DELING	HENCY F	<b>₹ATES</b>

Feb. 2018 % of Book Outstanding

THEEL / DERIVED BEEN			Convention	nal Single-Family <sup>3</sup>					
	Vinta	Vintage by Origination Year			Non-Credit	Primary MI	Credit Risk		
	2004 and Prior	2005 - 2008	2009 - 2018	Overall	Enhanced	and Other <sup>4</sup>	Transfer <sup>5</sup>	Overall	Multifamily <sup>6</sup>
February 2017	2.86%	6.40%	0.36%	1.19%	1.17%	2.09%	0.17%	1.19%	0.05%
March 2017	2.76%	6.15%	0.34%	1.12%	1.12%	1.95%	0.16%	1.12%	0.05%
April 2017	2.67%	5.85%	0.33%	1.07%	1.07%	1.80%	0.16%	1.07%	0.04%
May 2017	2.64%	5.80%	0.32%	1.04%	1.06%	1.74%	0.15%	1.04%	0.04%
June 2017	2.62%	5.73%	0.32%	1.01%	1.03%	1.68%	0.15%	1.01%	0.04%
July 2017	2.63%	5.71%	0.32%	1.00%	1.03%	1.64%	0.15%	1.00%	0.04%
August 2017	2.65%	5.71%	0.32%	0.99%	1.02%	1.64%	0.15%	0.99%	0.04%
September 2017	2.75%	5.83%	0.33%	1.01%	1.05%	1.62%	0.16%	1.01%	0.03%
October 2017	2.82%	5.91%	0.33%	1.01%	1.06%	1.62%	0.18%	1.01%	0.05%
November 2017	3.05%	6.26%	0.42%	1.12%	1.17%	1.76%	0.27%	1.12%	0.11%
December 2017	3.28%	6.55%	0.53%	1.24%	1.27%	1.95%	0.42%	1.24%	0.11%
January 2018	3.31%	6.54%	0.54%	1.23%	1.26%	1.92%	0.43%	1.23%	0.11%
February 2018	3.35%	6.49%	0.53%	1.22%	1.30%	1.77%	0.41%	1.22%	0.11%

58%

20%

34%

TABLE 8. INTEREST RATE RISK DISCLOSURES (\$ in Billions)											
	Market Value	nsitivity	Effective								
	Rate Level Shock (50 bp)		Rate Slope Shock (25 bp)	Duration Gap (in months)							
\$	0.0	\$	0.0	0							
	0.0		0.0	0							
	0.0		0.0	0							
	0.0		0.0	0							
	0.0		0.0	0							
	0.0		0.0	0							
	0.0		0.0	0							
	0.0		0.0	0							
	0.0		0.0	0							
	(0.1)		0.0	0							
	(0.1)		0.0	0							
\$	0.0	\$	0.0								
\$	(0.1)	\$	0.0	0							
	(0.1)		0.0	0							
\$	(0.1)	\$	0.0								
	\$ \$ \$	Market Value   Rate Level   Shock (50 bp)   \$ 0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.1   (0.1)   \$ 0.0   \$ (0.1)   (0.1)	Market Value Set   Rate Level   Shock (50 bp)	Market Value Sensitivity   Rate Level Shock (50 bp) Rate Slope Shock (25 bp)   \$ 0.0 \$ 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 0 0.0 0.0   0.0 1 0.0 0.0   \$ 0.0 \$ 0.0   \$ 0.0 \$ 0.0   \$ 0.0 \$ 0.0   \$ 0.0 \$ 0.0							

3%

6%

91%

# **ENDNOTES**

- 1. The end balances and business activity in this report represent unpaid principal balances ("UPB"), which do not reflect market valuation adjustments, allowance for loan losses, impairments, unamortized premiums and discounts, and the impact of consolidation of variable interest entities.
- 2. Reported amounts represent the UPB at each reporting period or, in the case of the long-term zero coupon bonds, at maturity, and include credit risk-sharing securities issued under the Connecticut Avenue Securities. UPB does not reflect the effect of debt basis adjustments, including discounts, premiums, and issuance costs.
- 3. Delinquency rates represent seriously delinquent conventional single-family loans as a percent of the total number of conventional single-family loans. These rates are based on conventional single-family mortgage loans and exclude reverse mortgages and non-Fannie Mae mortgage securities held in Fannie Mae's portfolio. The credit-enhanced categories are not mutually exclusive. A loan with primary mortgage insurance that is also covered by a credit risk transfer transaction will be included in both the "Primary MI and Other" category and the "Credit Risk Transfer" category. The percent of book outstanding is calculated based on the aggregate UPB of conventional single-family loans for each category, divided by the aggregate UPB of loans in Fannie Mae's single-family conventional book of business.
- 4. Refers to loans included in an agreement used to reduce credit risk by requiring primary mortgage insurance, collateral, letters of credit, corporate guarantees, or other agreements to provide an entity with some assurance that it will be compensated to some degree in the event of a financial loss. Excludes loans covered by credit risk transfer transactions unless such loans are also covered by primary mortgage insurance.
- 5. Refers to loans included in reference pools for credit risk transfer transactions, including loans in these transactions that are also covered by primary mortgage insurance. For Connecticut Avenue Securities and some lender risk-sharing transactions, this represents outstanding unpaid principal balance of the underlying loans on the single-family mortgage credit book, not the outstanding reference pool, as of the specified date. Loans included in our credit risk transfer transactions have all been acquired since 2012 and newer vintages typically have significantly lower delinquency rates than more seasoned loans.
- 6. Calculated based on the UPB of seriously delinquent multifamily loans owned by Fannie Mae or underlying Fannie Mae guaranteed securities, divided by the UPB of multifamily loans owned by Fannie Mae or underlying Fannie Mae guaranteed securities.

# **GLOSSARY & OTHER INFORMATION**

## General

Risk Disclosures. In addition to the interest rate risk disclosures provided in Table 8, Fannie Mae's most recent available information relating to subordinated debt, liquidity management and credit risk is included in its most recent Form 10-K or Form 10-Q filed with the Securities and Exchange Commission.

Compounded Growth Rate. Monthly growth rates are compounded to provide an annualized rate of growth.

## Table 1

Total Book of Business. Sum of the Mortgage Portfolio End Balance and the Total Fannie Mae MBS and Other Guarantees balance, less Fannie Mae MBS held in the mortgage portfolio.

New Business Acquisitions. Single-family and multifamily mortgage loans purchased during the period and single-family and multifamily mortgage loans underlying Fannie Mae MBS issued pursuant to lender swaps. These amounts reflect new business purchases on which our statutory affordable housing allocations are based.

## Table 2

Mortgage Portfolio Activity. End balance represents the unpaid principal balance ("UPB") of the mortgage portfolio that Fannie Mae holds for investment and liquidity purposes. Excludes certain matched trades and certain early funding activities.

Purchases. Acquisition of mortgage loans and mortgage securities for the mortgage portfolio.

Sales. Sales of mortgage securities and mortgage loans from the mortgage portfolio.

Liquidations. Represents the total amount of repayments, curtailments, payoffs, and foreclosures on mortgage loans and mortgages underlying securities held in the mortgage portfolio.

#### Table 3

Mortgage Portfolio Composition. Shows the primary components of Fannie Mae's mortgage portfolio.

Non-Fannie Mae Agency Securities. Represents mortgage-related securities issued by Freddie Mac and Ginnie Mae.

Non-Fannie Mae Non-Agency Securities. These primarily include private-label securities, mortgage revenue bonds, and commercial mortgage-backed securities.

# Table 4

Fannie Mae Guaranty Book of Business. Consists of securities and mortgage loans for which Fannie Mae manages credit risk. This table excludes non-Fannie Mae securities held in the mortgage portfolio, which are shown in Table 3.

Total Fannie Mae MBS. Includes Fannie Mae MBS, private label wraps, whole loan REMICs, and Ginnie Mae wraps. Also includes Multifamily discount MBS ("DMBS") that Fannie Mae guarantees, regardless of whether those MBS are held in the mortgage portfolio or held by investors other than Fannie Mae. If an MBS has been resecuritized into another MBS, the principal amount is only included once in this total.

Issuances. Represents the total amount of Fannie Mae MBS created during the month, including lender-originated issues and Fannie Mae MBS created from mortgage loans previously held in Fannie Mae's portfolio. Fannie Mae MBS may be held in portfolio after their creation.

Liquidations. Represents the total amount of repayments, curtailments, payoffs, and foreclosures on mortgages underlying Fannie Mae MBS, including Fannie Mae MBS held in the mortgage portfolio.

Other Fannie Mae Guarantees. Outstanding balance of Fannie Mae guarantees, other than Fannie Mae MBS. This primarily includes long-term standby commitments we have issued and credit enhancements we have provided

Annualized Liquidation Rate. The liquidation rate is calculated as liquidations divided by the prior period ending balance of total Fannie Mae MBS, annualized.

# Table 5

Other Investments. Primarily consists of cash and readily marketable instruments such as certificates of deposit, federal funds sold, securities purchased under agreements to resell and Treasury bills.

### Table 6

**Debt Activity.** Debt is classified in the table based on its original maturity. For debt with an original term of more than one year, the portion of that long-term debt that is due within one year is not reclassified to "Original Maturity < 1 Year." For more information about Fannie Mae's debt activity, please visit http://www.fanniemae.com/portal/funding-the-market/debt/reports/index.html.

### Table 7

Serious Delinquency Rates. A measure of credit performance and indicator of future defaults for the single-family and multifamily mortgage credit books. We include single-family loans that are three months or more past due or in the foreclosure process, and multifamily loans that are 60 days or more past due. We include conventional single-family loans that we own and that back Fannie Mae MBS in our single-family delinquency rate.

### Table 8

Our interest rate risk measures provide useful estimates of key interest-rate risk and include the impact of our purchases and sales of derivative instruments, which we use to limit our exposure to changes in interest rates. While we believe that our market value sensitivity and duration gap metrics are useful risk management tools, they should be understood as estimates rather than precise measurements. Methodologies employed to calculate interestrate risk sensitivity disclosures are periodically changed on a prospective basis to reflect improvements in the underlying estimation processes.

Market Value Sensitivity to Rate Level Shock (50bp). This measurement shows the most adverse pre-tax impact on the market value of Fannie Mae's assets and liabilities from an immediate adverse 50 basis point shift in the level of LIBOR rates. The amounts shown are estimates, not precise measurements. The measurement excludes any sensitivity of the guaranty business. Fannie Mae tracks the daily average of this measurement for the reported meants.

Market Value Sensitivity to Rate Slope Shock (25bp). This measurement shows the most adverse pre-tax impact on the market value of Fannie Mae's assets and liabilities from an immediate adverse 25 basis point change in the slope of the LIBOR yield curve. To calculate the adverse change in the slope of the LIBOR yield curve, the company calculates the effect of a 25 basis point change in slope that results in a steeper LIBOR yield curve and the effect of a 25 basis point change in slope that results in a flatter LIBOR yield curve, and reports the more adverse of the two results. The amounts shown are estimates, not precise measurements. The measurement excludes any sensitivity of the quaranty business. Fannie Mae tracks the daily average of this measurement for the reported month.

Effective Duration Gap. The effective duration gap estimates the net sensitivity of the fair value of Fannie Mae's assets and liabilities to movements in interest rates. This statistic is expressed as a number of months, based on the daily average for the reported month. A duration gap of zero implies that the change in the fair value of assets from an interest rate move will be offset by an equal move in the fair value of liabilities, including debt and derivatives, resulting in no change in the fair value of the net assets. The calculation excludes any sensitivity of the quaranty business.