

**TABLE 1. TOTAL BOOK OF BUSINESS COMPONENTS (\$ in Millions) <sup>1</sup>**

	Mortgage Portfolio End Balance [Table 2]	+	Total Fannie Mae MBS and Other Guarantees [Table 4]	-	Fannie Mae MBS in Portfolio [Table 3]	=	Total Book of Business	Compounded Growth (Decline) Rate	New Business Acquisitions
May 2018	\$ 222,413		\$ 3,071,300		\$ 53,164		\$ 3,240,549	1.9 %	\$ 42,138
June 2018	225,805		3,077,086		55,153		3,247,738	2.7 %	46,090
July 2018	221,335		3,084,197		51,061		3,254,471	2.5 %	47,198
August 2018	221,150		3,102,137		56,370		3,266,917	4.7 %	50,165
September 2018	199,114		3,111,251		47,297		3,263,068	(1.4) %	42,932
October 2018	195,740		3,123,683		45,758		3,273,665	4.0 %	43,772
November 2018	184,454		3,130,084		39,870		3,274,668	0.4 %	39,084
December 2018	179,153		3,142,477		45,405		3,276,225	0.6 %	39,675
<b>Full Year 2018</b>	<b>\$ 179,153</b>		<b>\$ 3,142,477</b>		<b>\$ 45,405</b>		<b>\$ 3,276,225</b>	<b>1.9 %</b>	<b>\$ 512,023</b>
January 2019	\$ 176,467		\$ 3,151,242		\$ 44,647		\$ 3,283,062	2.5 %	\$ 38,389
February 2019	173,432		3,154,375		43,215		3,284,592	0.6 %	29,772
March 2019	176,433		3,158,815		48,290		3,286,958	0.9 %	33,867
April 2019	174,461		3,162,087		47,190		3,289,358	0.9 %	39,807
May 2019	176,027		3,172,540		46,623		3,301,944	4.7 %	52,857
<b>YTD 2019</b>	<b>\$ 176,027</b>		<b>\$ 3,172,540</b>		<b>\$ 46,623</b>		<b>\$ 3,301,944</b>	<b>1.9 %</b>	<b>\$ 194,692</b>

**TABLE 2. MORTGAGE PORTFOLIO ACTIVITY (\$ in Millions) <sup>1</sup>**

	Purchases	Sales	Liquidations	Mortgage Portfolio End Balance
May 2018	\$ 24,180	\$ (21,330)	\$ (2,470)	\$ 222,413
June 2018	27,007	(21,075)	(2,540)	225,805
July 2018	25,918	(28,031)	(2,357)	221,335
August 2018	27,333	(24,745)	(2,773)	221,150
September 2018	20,429	(40,301)	(2,164)	199,114
October 2018	22,445	(23,313)	(2,506)	195,740
November 2018	18,170	(27,057)	(2,399)	184,454
December 2018	19,036	(22,422)	(1,915)	179,153
<b>Full Year 2018</b>	<b>\$ 277,060</b>	<b>\$ (299,517)</b>	<b>\$ (29,173)</b>	<b>\$ 179,153</b>
January 2019	\$ 18,197	\$ (18,817)	\$ (2,066)	\$ 176,467
February 2019	13,924	(15,229)	(1,730)	173,432
March 2019	19,811	(14,887)	(1,923)	176,433
April 2019	23,477	(23,509)	(1,940)	174,461
May 2019	28,283	(24,637)	(2,080)	176,027
<b>YTD 2019</b>	<b>\$ 103,692</b>	<b>\$ (97,079)</b>	<b>\$ (9,739)</b>	<b>\$ 176,027</b>

**TABLE 3. MORTGAGE PORTFOLIO COMPOSITION (\$ in Millions) <sup>1</sup>**

Fannie Mae MBS in Portfolio	Mortgage Loans	Non-Fannie Mae Mortgage Securities		Mortgage Portfolio End Balance
		Agency	Non-Agency	
\$ 53,164	\$ 161,482	\$ 4,064	\$ 3,703	\$ 222,413
55,153	163,304	3,687	3,661	225,805
51,061	163,025	3,640	3,609	221,335
56,370	156,445	4,778	3,557	221,150
47,297	144,491	3,817	3,509	199,114
45,758	140,834	5,675	3,473	195,740
39,870	136,408	4,731	3,445	184,454
45,405	126,675	3,656	3,417	179,153
<b>\$ 45,405</b>	<b>\$ 126,675</b>	<b>\$ 3,656</b>	<b>\$ 3,417</b>	<b>\$ 179,153</b>
\$ 44,647	\$ 125,649	\$ 3,310	\$ 2,861	\$ 176,467
43,215	123,770	3,602	2,845	173,432
48,290	122,012	3,309	2,822	176,433
47,190	120,787	3,684	2,800	174,461
46,623	122,910	4,421	2,073	176,027
<b>\$ 46,623</b>	<b>\$ 122,910</b>	<b>\$ 4,421</b>	<b>\$ 2,073</b>	<b>\$ 176,027</b>

**TABLE 4. FANNIE MAE GUARANTY BOOK OF BUSINESS (\$ in Millions) <sup>1</sup>**

	Total Fannie Mae MBS			Fannie Mae MBS Annualized Liquidation Rate	Other Fannie Mae Guarantees	Total Fannie Mae MBS and Other Guarantees	Compounded Growth Rate	Mortgage Loans	Fannie Mae Guaranty Book of Business
	Issuances	Liquidations	End Balance						
May 2018	\$ 42,412	\$ (35,696)	\$ 3,057,494	(14.0) %	\$ 13,806	\$ 3,071,300	2.6 %	\$ 161,482	\$ 3,232,782
June 2018	43,647	(37,879)	3,063,262	(14.9) %	13,824	3,077,086	2.3 %	163,304	3,240,390
July 2018	45,632	(38,438)	3,070,456	(15.1) %	13,741	3,084,197	2.8 %	163,025	3,247,222
August 2018	55,379	(37,258)	3,088,577	(14.6) %	13,560	3,102,137	7.2 %	156,445	3,258,582
September 2018	46,438	(37,788)	3,097,227	(14.7) %	14,024	3,111,251	3.6 %	144,491	3,255,742
October 2018	44,524	(31,939)	3,109,812	(12.4) %	13,871	3,123,683	4.9 %	140,834	3,264,517
November 2018	41,008	(34,655)	3,116,165	(13.4) %	13,919	3,130,084	2.5 %	136,408	3,266,492
December 2018	44,146	(31,681)	3,128,630	(12.2) %	13,847	3,142,477	4.9 %	126,675	3,269,152
<b>Full Year 2018</b>	<b>\$ 534,805</b>	<b>\$ (426,403)</b>	<b>\$ 3,128,630</b>	<b>(14.1) %</b>	<b>\$ 13,847</b>	<b>\$ 3,142,477</b>	<b>3.6 %</b>	<b>\$ 126,675</b>	<b>\$ 3,269,152</b>
January 2019	\$ 38,760	\$ (29,900)	\$ 3,137,490	(11.5) %	\$ 13,752	\$ 3,151,242	3.4 %	\$ 125,649	\$ 3,276,891
February 2019	31,287	(28,050)	3,140,727	(10.7) %	13,648	3,154,375	1.2 %	123,770	3,278,145
March 2019	35,062	(30,600)	3,145,189	(11.7) %	13,626	3,158,815	1.7 %	122,012	3,280,827
April 2019	37,495	(34,055)	3,148,629	(13.0) %	13,458	3,162,087	1.3 %	120,787	3,282,874
May 2019	49,807	(39,193)	3,159,243	(14.9) %	13,297	3,172,540	4.0 %	122,910	3,295,450
<b>YTD 2019</b>	<b>\$ 192,411</b>	<b>\$ (161,798)</b>	<b>\$ 3,159,243</b>	<b>(12.4) %</b>	<b>\$ 13,297</b>	<b>\$ 3,172,540</b>	<b>2.3 %</b>	<b>\$ 122,910</b>	<b>\$ 3,295,450</b>

**MONTHLY SUMMARY HIGHLIGHTS**
**May 2019**

- Fannie Mae's *Book of Business* increased at a compound annualized rate of 4.7% percent in May.
- The *Conventional Single-Family Serious Delinquency Rate* decreased to 0.70% in May. The *Multifamily Serious Delinquency Rate* increased to 0.07%.
- Fannie Mae completed 4,589 loan modifications in May.

**IMPORTANT NOTE:**

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

**TABLE 5. OTHER INVESTMENTS (\$ in Millions) <sup>1</sup>**

	Other Investments End Balance
May 2018	\$ 74,172
June 2018	72,735
July 2018	76,085
August 2018	72,880
September 2018	91,701
October 2018	92,399
November 2018	100,458
December 2018	93,951
<b>Full Year 2018</b>	<b>\$ 93,951</b>
January 2019	\$ 96,909
February 2019	95,381
March 2019	84,671
April 2019	84,089
May 2019	87,724
<b>YTD 2019</b>	<b>\$ 87,724</b>

**TABLE 6. DEBT ACTIVITY (\$ in Millions) <sup>2</sup>**

	Original Maturity < 1 Year End Balance	Original Maturity > 1 Year					Total Debt Outstanding
		Issuances	Maturities and Redemptions	Repurchases	Foreign Exchange Adjustments	End Balance	
May 2018	\$ 25,456	\$ 1,090	\$ (8,577)	\$ (388)	\$ (16)	\$ 223,545	\$ 249,001
June 2018	25,767	2,775	(860)	(33)	(3)	225,424	251,191
July 2018	27,710	2,779	(6,360)	(144)	(3)	221,696	249,406
August 2018	23,278	1,058	(561)	(78)	(6)	222,109	245,387
September 2018	28,282	2,208	(5,275)	(250)	2	218,794	247,076
October 2018	25,878	2,418	(5,478)	—	(9)	215,725	241,603
November 2018	26,185	2,000	(5,139)	(25)	(1)	212,560	238,745
December 2018	24,915	—	(5,004)	—	—	207,556	232,471
<b>Full Year 2018</b>	<b>\$ 24,915</b>	<b>\$ 22,028</b>	<b>\$ (57,154)</b>	<b>\$ (1,348)</b>	<b>\$ (27)</b>	<b>\$ 207,556</b>	<b>\$ 232,471</b>
January 2019	\$ 24,725	\$ 4,515	\$ (4,646)	\$ —	\$ 12	\$ 207,437	\$ 232,162
February 2019	25,801	2,080	(9,385)	—	5	200,137	225,938
March 2019	23,099	—	(1,779)	—	(8)	198,350	221,449
April 2019	17,730	4,800	(2,375)	—	—	200,775	218,505
May 2019	21,848	—	(1,812)	(35)	(14)	198,914	220,762
<b>YTD 2019</b>	<b>\$ 21,848</b>	<b>\$ 11,395</b>	<b>\$ (19,997)</b>	<b>\$ (35)</b>	<b>\$ (5)</b>	<b>\$ 198,914</b>	<b>\$ 220,762</b>

**TABLE 7. SERIOUS DELINQUENCY RATES**

	Conventional Single-Family <sup>3</sup>								Multifamily <sup>6</sup>
	Vintage by Origination Year				Credit Enhanced			Overall	
	2004 and Prior	2005 - 2008	2009 - 2019	Overall	Non-Credit Enhanced	Primary MI and Other <sup>4</sup>	Credit Risk Transfer <sup>5</sup>		
May 2018	3.07%	5.72%	0.44%	1.03%	1.13%	1.47%	0.32%	1.03%	0.13%
June 2018	3.00%	5.54%	0.41%	0.97%	1.06%	1.40%	0.29%	0.97%	0.10%
July 2018	2.80%	5.01%	0.37%	0.88%	0.97%	1.28%	0.26%	0.88%	0.09%
August 2018	2.71%	4.74%	0.34%	0.82%	0.90%	1.19%	0.24%	0.82%	0.08%
September 2018	2.77%	4.90%	0.34%	0.82%	0.90%	1.19%	0.23%	0.82%	0.07%
October 2018	2.73%	4.82%	0.33%	0.79%	0.88%	1.17%	0.22%	0.79%	0.06%
November 2018	2.62%	4.50%	0.33%	0.76%	0.83%	1.11%	0.23%	0.76%	0.06%
December 2018	2.69%	4.61%	0.34%	0.76%	0.85%	1.11%	0.24%	0.76%	0.06%
January 2019	2.71%	4.58%	0.33%	0.76%	0.84%	1.10%	0.25%	0.76%	0.07%
February 2019	2.72%	4.58%	0.34%	0.76%	0.84%	1.11%	0.25%	0.76%	0.07%
March 2019	2.68%	4.50%	0.33%	0.74%	0.83%	1.07%	0.24%	0.74%	0.07%
April 2019	2.64%	4.45%	0.33%	0.72%	0.82%	1.04%	0.23%	0.72%	0.06%
May 2019	2.57%	4.36%	0.32%	0.70%	0.79%	1.01%	0.23%	0.70%	0.07%
May 2019 % of Book Outstanding	3%	4%	93%		51%	21%	42%		

**TABLE 8. INTEREST RATE RISK DISCLOSURES**

	Market Value Sensitivity (\$ in Millions)		Effective Duration Gap (in years)
	Rate Level	Rate Slope	
	Shock (50 bp)	Shock (25 bp)	
May 2018	\$ (47)	\$ (3)	0.01
June 2018	(63)	(2)	0.03
July 2018	(54)	(9)	0.01
August 2018	(41)	(18)	0.01
September 2018	(61)	(11)	0.02
October 2018	(66)	(8)	—
November 2018	(53)	(5)	—
December 2018	(78)	(12)	(0.03)
<b>Full Year 2018</b>	<b>\$ (56)</b>	<b>\$ (8)</b>	
January 2019	\$ (62)	\$ (5)	(0.03)
February 2019	(46)	(6)	(0.02)
March 2019	(37)	(7)	(0.02)
April 2019	(22)	(7)	(0.01)
May 2019	(7)	(17)	0.01
<b>YTD 2019</b>	<b>\$ (34)</b>	<b>\$ (9)</b>	

## 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. Also includes credit risk-sharing securities that were issued under the Connecticut Avenue Securities<sup>®</sup> series prior to November 2018. 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 UPB 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 (Decline) Rate.** Monthly growth/decline rates are compounded to provide an annualized rate of growth/decline.

### 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.** Ending balance represents the unpaid principal balance ("UPB") of Fannie Mae's mortgage portfolio. 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 whole loan Real Estate Mortgage Investment Conduits ("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 guaranty 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 interest-rate 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 month.

**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 guaranty 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 years, 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 guaranty business.