

Fannie Mae Statistical Summary Tables: April 2019

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Acquisition File Summary Characteristics

(Reflects origination year for loans acquired from January 2000 to March 2018)

Origination Year	Loan Count	Total Orig. UPB (\$M)	Avg. Orig UPB (\$)	Acquisition Characteristics ¹					
				Borrower Credit Score	Co-Borrower Credit Score	LTV Ratio	CLTV Ratio ²	DTI	Note Rate
1999	159,982	\$19,096	\$119,365	717	725	77.5	77.6	34.4	7.7
2000	1,267,892	\$160,707	\$126,751	719	727	77.7	77.9	35.4	8.1
2001	3,371,876	\$472,763	\$140,208	722	729	72.8	73.2	33.3	6.9
2002	3,857,280	\$564,709	\$146,401	727	735	69.4	69.9	32.9	6.3
2003	5,107,349	\$777,973	\$152,324	729	736	67.1	67.9	32.6	5.5
2004	1,744,509	\$274,060	\$157,099	723	730	69.3	70.9	35.7	5.7
2005	1,446,211	\$252,266	\$174,432	726	733	69.7	71.7	37.6	5.8
2006	1,080,840	\$198,702	\$183,841	725	733	70.5	72.5	38.8	6.4
2007	1,252,500	\$245,739	\$196,199	725	733	72.2	74.3	38.9	6.3
2008	1,491,728	\$315,003	\$211,166	745	753	71.7	73.3	37.9	6.0
2009	2,363,169	\$522,087	\$220,927	764	770	66.3	67.8	33.6	4.9
2010	1,951,533	\$432,393	\$221,566	769	776	66.7	68.2	31.8	4.5
2011	1,661,775	\$357,656	\$215,225	769	775	68.3	69.7	32.1	4.3
2012	2,680,140	\$608,103	\$226,892	772	776	68.9	70.2	31.1	3.6
2013	2,207,407	\$483,419	\$218,999	764	769	72.4	73.5	32.6	3.8
2014	1,444,943	\$310,374	\$214,800	753	760	76.4	77.2	34.2	4.3
2015	1,860,038	\$421,061	\$226,372	755	762	75.0	75.8	33.7	4.0
2016	2,298,486	\$540,659	\$235,224	758	763	73.4	74.0	33.5	3.7
2017	1,902,515	\$433,709	\$227,966	751	757	75.6	76.2	35.4	4.2
2018	240,719	\$55,723	\$231,486	749	755	74.5	75.0	36.9	4.3
Total	39,390,892	\$7,446,203	\$189,034	747	755	70.8	71.9	33.9	5.0

¹ Acquisition Characteristics are UPB-weighted averages, based on UPB at origination

² Missing CLTVs have been set to OLTV in this view

	Loan Count with Missing Data Values
Original Interest Rate	6
LTV	11
Borrower Credit Score	158,679
Co-Borrower Credit Score	19,738,973
CLTV	307,136
Original DTI Ratio	765,290

Performance File Summary Characteristics

(Reflects loan status in performance dataset for activity through December 2018)

			Active Loans		Inactive Loans (Loan Count)							Total Mods to Date ²				
Origination Year	Loan Count	Total Orig. UPB (\$M)	Loan Count (Active)	Active UPB (\$M)	Prepaid	Repurchased ¹	Short Sale	Third Party Sale	REO	NPL	RPL	Loan Count	D180 UPB (\$M) ^{3,4}	D180 % of Orig. UPB ^{3,4}	Default UPB (\$M) ⁵	Loss Rate (%) ⁵
1999	159,982	19,096	1,907	\$83	155,312	789	108	293	1,526	31	16	1,048	\$343	1.8%	\$168	0.1%
2000	1,267,892	160,707	10,209	\$483	1,237,389	4,148	762	1,828	13,211	237	108	7,472	\$2,487	1.5%	\$1,384	0.2%
2001	3,371,876	472,763	44,061	\$2,518	3,282,692	6,657	2,165	4,011	30,946	945	399	21,816	\$6,333	1.3%	\$3,490	0.2%
2002	3,857,280	564,709	88,651	\$5,922	3,714,811	5,980	3,020	5,345	37,062	1,679	732	31,381	\$8,341	1.5%	\$4,366	0.2%
2003	5,107,349	777,973	251,079	\$19,924	4,766,910	6,768	7,519	10,605	58,191	4,200	2,077	67,613	\$18,155	2.3%	\$8,734	0.4%
2004	1,744,509	274,060	147,954	\$10,986	1,537,942	3,045	7,239	5,309	38,339	2,650	2,031	43,149	\$12,496	4.6%	\$6,609	0.9%
2005	1,446,211	252,266	140,699	\$13,729	1,214,061	3,383	17,950	5,750	55,879	3,581	4,908	63,086	\$22,115	8.8%	\$13,482	2.3%
2006	1,080,840	198,702	91,290	\$10,200	893,816	3,723	20,185	4,325	57,751	3,335	6,415	65,649	\$24,196	12.2%	\$15,264	3.7%
2007	1,252,500	245,739	114,388	\$14,405	1,011,998	8,818	25,562	4,918	72,646	4,789	9,381	94,128	\$34,621	14.1%	\$20,392	3.6%
2008	1,491,728	315,003	123,978	\$14,623	1,285,811	9,313	15,235	3,304	45,500	3,290	5,297	67,165	\$23,628	7.5%	\$12,547	1.4%
2009	2,363,169	522,087	387,121	\$47,381	1,955,178	2,728	3,411	1,447	11,378	1,364	542	18,237	\$6,499	1.2%	\$3,008	0.2%
2010	1,951,533	432,393	512,208	\$62,268	1,431,487	1,403	820	841	4,022	582	170	8,310	\$2,372	0.5%	\$851	0.1%
2011	1,661,775	357,656	570,791	\$72,847	1,086,576	695	319	611	2,278	389	116	6,800	\$1,609	0.4%	\$449	0.0%
2012	2,680,140	608,103	1,499,671	\$252,023	1,175,985	1,497	256	568	1,913	167	83	7,122	\$1,736	0.3%	\$362	0.0%
2013	2,207,407	483,419	1,282,524	\$217,764	918,150	4,075	217	600	1,703	96	42	7,973	\$1,875	0.4%	\$316	0.0%
2014	1,444,943	310,374	783,014	\$131,942	657,582	2,440	170	439	1,220	57	21	7,669	\$1,740	0.6%	\$227	0.0%
2015	1,860,038	421,061	1,314,520	\$257,342	542,554	1,763	112	334	706	34	15	7,796	\$1,741	0.4%	\$135	0.0%
2016	2,298,486	540,659	1,956,436	\$423,740	340,260	1,157	60	196	360	6	11	7,136	\$1,471	0.3%	\$54	0.0%
2017	1,902,515	433,709	1,749,565	\$379,857	151,743	1,032	17	44	113	0	1	3,268	\$718	0.2%	\$8	0.0%
2018	240,719	55,723	231,826	\$52,186	8,776	114	0	0	3	0	0	4	\$12	0.0%	\$0	
Total	39,390,892	7,446,203	11,301,892	\$1,990,224	27,369,033	69,528	105,127	50,768	434,747	27,432	32,365	536,822	\$172,487	2.3%	\$91,845	0.5%

¹ Reflects loans repurchased up to and after 180 days of delinquency. Previous versions of the Statistical Summary reflected in this column included only loans repurchased prior to the occurrence of a credit event.

² Only one modification is counted per loan.

³ D180 Rates included here are calculated in the same methodology as prior statistical summaries, they are included for comparison purposes only.

⁴ Reflects the outstanding available UPB at D180 as reflected in the dataset.

⁵ Default rates and UPB in this view are for completed dispositions only. These are defined as loans with a zero balance code of '02', '03', '09', or '15' and non-null disposition dates.



Loss/Severity Summary Characteristics by Origination Year

(Reflects loan status in performance dataset for activity through December 2018)

Loan Population: loans with zero balance code of '02', '03', '09', or '15' with non-null Disposition dates

	Origination Year															
	1999 - 2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
Default UPB (\$M) ¹	\$18,142	\$6,609	\$13,482	\$15,264	\$20,392	\$12,547	\$3,008	\$851	\$449	\$362	\$316	\$227	\$135	\$54	\$8	\$91,845
Default Rate (%)	0.9%	2.4%	5.3%	7.7%	8.3%	4.0%	0.6%	0.2%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	1.2%
EXPENSES:																
Delinquent Interest	11%	11%	11%	12%	12%	11%	9%	8%	8%	6%	6%	6%	5%	4%	3%	11%
Total Liquidation Exp.	14%	14%	11%	10%	10%	10%	10%	12%	13%	13%	12%	10%	9%	7%	4%	11%
Foreclosure	5%	4%	3%	3%	3%	3%	3%	4%	4%	4%	4%	3%	3%	3%	2%	3%
Property Preservation	4%	3%	3%	3%	2%	2%	3%	4%	4%	4%	4%	3%	3%	2%	0%	3%
Asset Recovery	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	0%	1%
Misc. Holding Expenses/Credits	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%
Associated Taxes	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%	3%	2%	2%	1%	1%	3%
Total Costs	125%	125%	121%	121%	121%	121%	119%	120%	121%	119%	118%	116%	114%	111%	107%	122%
PROCEEDS:																
Net Sales Proceeds	78%	76%	69%	63%	62%	66%	79%	84%	85%	86%	85%	85%	87%	87%	92%	69%
Credit Enhancement	9%	7%	5%	5%	8%	9%	4%	5%	6%	9%	15%	16%	14%	11%	7%	7%
Repurchase/Make Whole	3%	1%	2%	4%	7%	9%	5%	3%	1%	1%	0%	0%	1%	1%	0%	5%
Other	4%	2%	1%	1%	1%	1%	1%	2%	2%	2%	3%	3%	2%	3%	1%	2%
Total Proceeds	95%	86%	78%	74%	78%	86%	89%	93%	95%	98%	103%	105%	104%	102%	100%	83%
Severity	30%	39%	44%	48%	43%	35%	30%	27%	25%	21%	15%	12%	9%	9%	7%	39%
Total Net Loss (\$M)	\$5,530	\$2,563	\$5,910	\$7,268	\$8,760	\$4,371	\$900	\$233	\$114	\$75	\$49	\$26	\$13	\$5	\$1	\$35,817

¹ Default UPB, expenses and proceeds in this view are for completed dispositions only. These are defined as loans with a zero balance code of '02', '03', '09', or '15' and non-null disposition dates. Default rate is calculated as the sum of default UPB divided by the origination UPB. Expense and proceed line items are a percentage of default UPB.

Loss/Severity Summary Characteristics by Disposition Year

(Reflects loan status in performance dataset for activity through December 2018)

Loan Population: loans with zero balance code of '02', '03', '09', or '15' with non-null Disposition dates

	Disposition Year															
	2000-2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
Default UPB (\$M)¹	\$2,613	\$1,331	\$1,278	\$1,510	\$2,320	\$5,622	\$11,558	\$16,428	\$14,074	\$9,898	\$7,281	\$6,048	\$5,921	\$3,677	\$2,287	\$91,845
EXPENSES:																
Delinquent Interest	9%	9%	9%	9%	8%	7%	8%	9%	10%	12%	15%	17%	18%	15%	15%	11%
Total Liquidation Exp.	7%	9%	10%	9%	7%	6%	6%	7%	9%	11%	16%	20%	21%	21%	20%	11%
<i>Foreclosure</i>	3%	3%	4%	4%	3%	2%	2%	2%	3%	3%	4%	5%	6%	7%	7%	3%
<i>Property Preservation</i>	2%	3%	3%	3%	2%	2%	2%	2%	2%	3%	4%	6%	4%	5%	4%	3%
<i>Asset Recovery</i>	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	0%	1%
<i>Misc. Holding Expenses/Credits</i>	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	3%	3%	2%	2%	1%
<i>Associated Taxes</i>	1%	2%	2%	2%	2%	2%	2%	2%	2%	3%	4%	6%	7%	7%	6%	3%
Total Costs	115%	118%	119%	118%	115%	113%	114%	116%	118%	123%	131%	137%	138%	137%	135%	122%
PROCEEDS:																
<i>Net Sales Proceeds</i>	78%	80%	78%	76%	72%	63%	62%	59%	64%	72%	75%	79%	80%	82%	85%	69%
<i>Credit Enhancement</i>	14%	14%	14%	13%	10%	9%	7%	7%	7%	7%	7%	6%	5%	6%	5%	7%
<i>Repurchase/Make Whole</i>	12%	8%	5%	4%	4%	8%	9%	8%	5%	3%	1%	0%	0%	1%	0%	5%
<i>Other</i>	5%	5%	6%	5%	2%	1%	1%	1%	2%	2%	2%	2%	3%	4%	4%	2%
Total Proceeds	109%	106%	103%	98%	88%	81%	79%	75%	77%	83%	85%	88%	88%	92%	94%	83%
Severity	7%	11%	16%	20%	27%	33%	35%	41%	41%	41%	46%	49%	50%	44%	41%	39%
Total Net Loss (\$M)	\$177	\$150	\$208	\$307	\$635	\$1,829	\$4,058	\$6,815	\$5,784	\$4,015	\$3,316	\$2,964	\$2,979	\$1,634	\$946	\$35,817

¹ Default UPB, expenses and proceeds in this view are for completed dispositions only. These are defined as loans with a zero balance code of '02', '03', '09', or '15' and non-null disposition dates.



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