

Fannie Mae Statistical Summary Tables Including HARP: April 2020

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Acquisition File Summary Characteristics

(Reflects origination year for loans acquired from January 2000 to March 2019)

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	2,680,141	\$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	1,444,944	\$310,374	\$214,800	753	760	76.4	77.2	34.2	4.3
2015	1,860,042	\$421,062	\$226,372	755	762	75.0	75.8	33.7	4.0
2016	2,298,506	\$540,663	\$235,224	758	763	73.4	74.0	33.5	3.7
2017	1,905,266	\$434,339	\$227,968	751	757	75.5	76.2	35.4	4.2
2018	1,569,545	\$367,958	\$234,436	749	755	76.7	77.2	37.5	4.8
2019	164,837	\$39,839	\$241,687	748	754	77.2	77.6	37.4	4.8
Total	40,887,332	\$7,798,912	\$190,742	747	755	71.1	72.1	34.0	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	160,422
Co-Borrower Credit Score	20,560,652
CLTV	307,137
Original DTI Ratio	765,768

Performance File Summary Characteristics

(Reflects loan status in performance dataset for activity through December 2019)

Origination Year	Loan Count	Total Orig. UPB (\$M)	Active Loans		Inactive Loans (Loan Count)							Total Mods to Date ²	D180 UPB (\$M) ^{3,4}	D180 % of Orig. UPB ^{3,4}	Default UPB (\$M) ⁵	Loss Rate (%) ⁵
			Loan Count (Active)	Active UPB (\$M)	Prepaid	Repurchased ¹	Short Sale	Third Party Sale	REO	NPL	RPL					
1999	159,982	19,096	1,643	\$71	155,516	790	108	299	1,530	35	61	1,055	\$344	1.8%	\$169	0.1%
2000	1,267,892	160,707	9,269	\$419	1,237,902	4,151	765	1,863	13,286	263	393	7,514	\$2,493	1.6%	\$1,391	0.2%
2001	3,371,876	472,763	42,286	\$2,352	3,283,196	6,661	2,192	4,133	31,175	1,023	1,210	22,048	\$6,369	1.3%	\$3,520	0.2%
2002	3,857,280	564,709	88,793	\$5,848	3,712,318	5,989	3,089	5,548	37,564	1,830	2,149	31,873	\$8,428	1.5%	\$4,439	0.3%
2003	5,107,349	777,973	255,757	\$20,213	4,756,440	6,800	7,743	11,111	59,230	4,585	5,683	68,986	\$18,445	2.4%	\$8,935	0.4%
2004	1,744,509	274,060	137,212	\$12,773	1,544,078	3,068	7,523	5,655	39,228	2,975	4,770	44,405	\$12,811	4.7%	\$6,822	1.0%
2005	1,446,211	252,266	183,160	\$20,632	1,163,499	3,417	19,050	6,279	57,644	4,163	8,999	65,758	\$23,007	9.1%	\$14,114	2.4%
2006	1,080,840	198,702	149,883	\$19,388	824,865	3,792	22,054	4,901	60,574	3,979	10,792	69,565	\$25,692	12.9%	\$16,314	3.9%
2007	1,252,500	245,739	207,202	\$29,402	902,658	8,947	28,397	5,704	77,479	5,837	16,276	101,274	\$37,290	15.2%	\$22,188	3.8%
2008	1,491,728	315,003	219,611	\$30,712	1,178,056	9,499	17,329	4,022	49,234	4,085	9,892	73,010	\$25,847	8.2%	\$13,949	1.5%
2009	2,363,169	522,087	376,424	\$47,404	1,963,171	2,747	3,607	1,661	12,044	1,575	1,940	19,626	\$6,873	1.3%	\$3,216	0.2%
2010	1,951,533	432,393	443,066	\$51,290	1,499,319	1,405	841	988	4,234	688	992	8,871	\$2,483	0.6%	\$911	0.1%
2011	1,661,775	357,656	497,765	\$60,184	1,158,322	700	338	739	2,454	498	959	7,412	\$1,719	0.5%	\$499	0.0%
2012	2,680,141	608,103	1,348,672	\$215,905	1,325,872	1,510	279	714	2,142	247	705	8,103	\$1,928	0.3%	\$426	0.0%
2013	2,207,407	483,419	1,145,514	\$185,397	1,054,259	4,085	240	782	2,014	142	371	9,247	\$2,145	0.4%	\$399	0.0%
2014	1,444,944	310,374	677,563	\$108,710	762,208	2,452	213	624	1,545	98	241	9,175	\$2,068	0.7%	\$316	0.0%
2015	1,860,042	421,062	1,152,464	\$216,121	703,709	1,787	159	543	1,095	56	229	9,960	\$2,208	0.5%	\$226	0.0%
2016	2,298,506	540,663	1,744,060	\$362,926	551,701	1,216	108	415	765	38	203	10,081	\$2,137	0.4%	\$140	0.0%
2017	1,905,266	434,339	1,529,122	\$316,576	374,001	1,189	79	190	486	26	173	6,337	\$1,516	0.3%	\$61	0.0%
2018	1,569,545	367,958	1,242,714	\$263,660	325,201	1,319	30	53	197	10	20	774	\$593	0.2%	\$12	0.0%
2019	164,837	39,839	135,691	\$30,098	29,065	76	0	0	4	0	0	3	\$19	0.0%	\$0	0.0%
Total	40,887,332	7,798,912	11,587,871	\$2,000,078	28,505,356	71,600	114,144	56,224	453,924	32,153	66,058	575,077	\$184,413	2.4%	\$98,048	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 2019)

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

	Origination Year															
	1999 -2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
Default UPB (\$M) ¹	\$25,276	\$14,114	\$16,314	\$22,188	\$13,949	\$3,216	\$911	\$499	\$426	\$399	\$316	\$226	\$140	\$61	\$12	\$98,048
Default Rate (%)	1.1%	5.6%	8.2%	9.0%	4.4%	0.6%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	1.3%
EXPENSES:																
Delinquent Interest	11%	11%	11%	11%	11%	9%	8%	8%	6%	6%	6%	6%	5%	4%	4%	11%
Total Liquidation Exp.	14%	11%	10%	10%	10%	11%	13%	14%	14%	13%	12%	10%	9%	7%	5%	11%
Foreclosure	5%	3%	3%	3%	3%	3%	4%	4%	4%	4%	4%	4%	3%	3%	2%	4%
Property Preservation	4%	3%	3%	2%	3%	3%	4%	4%	5%	4%	4%	3%	3%	2%	2%	3%
Asset Recovery	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	1%
Misc. Holding Expenses/Credits	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%
Associated Taxes	4%	3%	3%	3%	3%	3%	3%	3%	3%	3%	2%	2%	2%	1%	1%	3%
Total Costs	125%	122%	121%	121%	121%	120%	121%	121%	120%	119%	118%	116%	113%	111%	109%	122%
PROCEEDS:																
Net Sales Proceeds	78%	69%	64%	63%	67%	79%	84%	86%	87%	86%	86%	88%	86%	86%	88%	70%
Credit Enhancement	9%	5%	5%	8%	9%	4%	4%	6%	9%	14%	16%	14%	15%	13%	10%	7%
Repurchase/Make Whole	3%	2%	4%	6%	9%	5%	3%	1%	1%	0%	0%	1%	1%	1%	0%	5%
Other	4%	1%	1%	1%	1%	2%	2%	2%	2%	3%	3%	3%	3%	3%	4%	2%
Total Proceeds	93%	78%	74%	79%	86%	90%	93%	96%	99%	104%	105%	106%	104%	102%	101%	84%
Severity	33%	43%	47%	42%	35%	30%	28%	26%	21%	15%	13%	10%	9%	9%	8%	39%
Total Net Loss (\$M)	\$8,287	\$6,120	\$7,659	\$9,406	\$4,829	\$964	\$253	\$128	\$90	\$62	\$40	\$22	\$13	\$6	\$1	\$37,878

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 2019)

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

	Disposition Year															
	2000-2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total
Default UPB (\$M)¹	\$3,944	\$1,278	\$1,510	\$2,320	\$5,622	\$11,574	\$16,616	\$14,522	\$10,537	\$7,921	\$6,762	\$6,648	\$4,264	\$3,059	\$1,470	\$98,048
EXPENSES:																
Delinquent Interest	9%	9%	9%	8%	7%	8%	9%	9%	11%	14%	16%	17%	14%	14%	12%	11%
Total Liquidation Exp.	7%	10%	9%	7%	6%	6%	7%	8%	11%	15%	19%	20%	20%	21%	21%	11%
<i>Foreclosure</i>	3%	4%	4%	3%	2%	2%	2%	3%	3%	4%	5%	6%	7%	7%	7%	4%
<i>Property Preservation</i>	2%	3%	3%	2%	2%	2%	2%	2%	3%	4%	5%	4%	4%	5%	6%	3%
<i>Asset Recovery</i>	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
<i>Misc. Holding Expenses/Credits</i>	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	3%	2%	2%	2%	2%	1%
<i>Associated Taxes</i>	1%	2%	2%	2%	2%	2%	2%	2%	3%	4%	5%	7%	6%	6%	5%	3%
Total Costs	116%	119%	118%	115%	113%	114%	116%	118%	122%	129%	135%	136%	134%	135%	132%	122%
PROCEEDS:																
<i>Net Sales Proceeds</i>	78%	78%	76%	72%	63%	62%	59%	64%	72%	75%	79%	80%	82%	85%	87%	70%
<i>Credit Enhancement</i>	14%	14%	13%	10%	9%	7%	7%	7%	6%	7%	6%	5%	6%	6%	6%	7%
<i>Repurchase/Make Whole</i>	10%	5%	4%	4%	8%	9%	8%	5%	3%	1%	0%	0%	0%	1%	1%	5%
<i>Other</i>	5%	6%	5%	2%	1%	1%	1%	1%	2%	2%	2%	3%	3%	4%	4%	2%
Total Proceeds	108%	103%	98%	88%	81%	79%	75%	77%	83%	85%	88%	88%	91%	95%	98%	84%
Severity	8%	16%	20%	27%	33%	35%	41%	41%	40%	44%	47%	49%	43%	40%	34%	39%
Total Net Loss (\$M)	\$327	\$208	\$307	\$635	\$1,829	\$4,061	\$6,876	\$5,922	\$4,196	\$3,512	\$3,204	\$3,227	\$1,832	\$1,236	\$503	\$37,878

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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