

Fannie Mae Statistical Summary Tables Including HARP: July 2018

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Acquisition File Summary Characteristics

(Reflects origination year for loans acquired from January 2000 to June 2017)

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	1,491,729	\$315,003	\$211,166	745	753	71.7	73.3	37.9	6.0
2009	2,363,170	\$522,087	\$220,927	764	770	66.3	67.8	33.6	4.9
2010	1,951,534	\$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	2,207,406	\$483,419	\$218,999	764	769	72.4	73.5	32.6	3.8
2014	1,444,942	\$310,374	\$214,800	753	760	76.4	77.2	34.2	4.3
2015	1,860,009	\$421,057	\$226,373	755	762	75.0	75.8	33.7	4.0
2016	2,297,399	\$540,409	\$235,226	758	763	73.4	74.0	33.5	3.7
2017	708,957	\$158,369	\$223,383	751	757	75.2	75.8	34.7	4.2
Total	37,955,500	\$7,114,885	\$187,453	747	755	70.6	71.7	33.8	5.1

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	157,490
Co-Borrower Credit Score	18,964,644
CLTV	307,134
Original DTI Ratio	764,995

Performance File Summary Characteristics

(Reflects loan status in performance dataset for activity through March 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	2,115	\$97	155,138	789	108	289	1,523	19	1	1,035	\$343	1.8%	\$167	0.1%
2000	1,267,892	160,707	11,673	\$587	1,236,152	4,149	762	1,795	13,178	171	12	7,406	\$2,484	1.5%	\$1,375	0.2%
2001	3,371,876	472,763	53,488	\$3,278	3,274,010	6,656	2,181	3,912	30,901	693	35	21,597	\$6,335	1.3%	\$3,457	0.2%
2002	3,857,280	564,709	112,138	\$8,114	3,692,500	5,979	3,065	5,182	37,062	1,248	106	31,046	\$8,352	1.5%	\$4,308	0.2%
2003	5,107,349	777,973	401,402	\$28,333	4,619,355	6,782	7,663	10,304	58,235	3,262	346	66,680	\$18,227	2.3%	\$8,589	0.4%
2004	1,744,509	274,060	213,339	\$18,159	1,474,492	3,056	7,430	5,113	38,507	2,027	545	42,886	\$12,648	4.6%	\$6,542	0.9%
2005	1,446,211	252,266	243,760	\$29,219	1,113,090	3,405	18,861	5,632	56,602	2,763	2,098	63,653	\$22,752	9.0%	\$13,609	2.3%
2006	1,080,840	198,702	196,509	\$27,425	789,738	3,779	21,777	4,333	59,346	2,638	2,720	67,571	\$25,402	12.8%	\$15,700	3.7%
2007	1,252,500	245,739	270,397	\$41,460	856,963	8,940	27,965	4,955	75,703	3,662	3,915	98,342	\$36,836	15.0%	\$21,244	3.6%
2008	1,491,729	315,003	285,281	\$42,775	1,124,248	9,488	17,035	3,384	47,851	2,602	1,840	70,563	\$25,448	8.1%	\$13,262	1.4%
2009	2,363,170	522,087	482,264	\$64,521	1,860,780	2,739	3,502	1,315	11,386	1,104	80	17,443	\$6,555	1.3%	\$2,945	0.2%
2010	1,951,534	432,393	563,426	\$70,793	1,380,887	1,403	799	710	3,838	455	16	7,218	\$2,259	0.5%	\$781	0.0%
2011	1,661,775	357,656	624,991	\$82,677	1,032,881	687	305	488	2,124	289	10	5,537	\$1,484	0.4%	\$387	0.0%
2012	2,680,140	608,103	1,610,742	\$279,428	1,065,427	1,489	226	446	1,697	113	0	5,016	\$1,521	0.3%	\$300	0.0%
2013	2,207,406	483,419	1,383,918	\$242,253	817,336	4,065	186	437	1,415	49	0	5,319	\$1,596	0.3%	\$246	0.0%
2014	1,444,942	310,374	856,946	\$148,353	584,216	2,418	137	291	907	26	1	4,477	\$1,389	0.4%	\$152	0.0%
2015	1,860,009	421,057	1,422,473	\$285,232	435,121	1,718	73	190	426	8	0	3,245	\$1,202	0.3%	\$72	0.0%
2016	2,297,399	540,409	2,082,671	\$461,506	213,423	1,074	21	57	153	0	0	1,165	\$773	0.1%	\$11	0.0%
2017	708,957	158,369	666,026	\$142,360	42,629	292	0	0	10	0	0	99	\$144	0.1%	\$0	0.0%
Total	37,955,500	7,114,885	11,483,559	\$1,976,570	25,768,386	68,908	112,096	48,833	440,864	21,129	11,725	520,298	\$175,749	2.5%	\$93,146	0.5%

¹ Reflects loans repurchased up to and after 180 days of delinquency. Previous versions of the Statistical Summary reflected in this column 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 March 2018)

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

	Origination Year															
	1999 - 2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
Default UPB (\$M) ¹	\$9,307	\$8,589	\$6,542	\$13,609	\$15,700	\$21,244	\$13,262	\$2,945	\$781	\$387	\$300	\$246	\$152	\$72	\$11	\$93,146
Default Rate (%)	0.8%	1.1%	2.4%	5.4%	7.9%	8.6%	4.2%	0.6%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	1.3%
EXPENSES:																
Delinquent Interest	12%	11%	11%	11%	11%	11%	11%	9%	8%	7%	6%	6%	6%	5%	3%	11%
Total Liquidation Exp.	13%	14%	13%	10%	9%	9%	9%	10%	12%	12%	12%	11%	9%	8%	5%	11%
Foreclosure	5%	5%	4%	3%	3%	3%	3%	3%	3%	4%	4%	4%	3%	3%	2%	3%
Property Preservation	4%	4%	3%	3%	2%	2%	2%	3%	4%	4%	4%	4%	3%	3%	2%	3%
Asset Recovery	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	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	3%	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%	2%	2%	1%	1%	3%
Total Costs	124%	125%	124%	121%	121%	120%	120%	118%	120%	119%	117%	117%	115%	112%	109%	121%
PROCEEDS:																
Net Sales Proceeds	76%	80%	75%	69%	63%	63%	66%	78%	83%	84%	86%	84%	84%	85%	92%	69%
Credit Enhancement	12%	7%	7%	5%	5%	8%	9%	4%	5%	7%	9%	15%	16%	14%	6%	7%
Repurchase/Make Whole	5%	2%	1%	2%	4%	7%	9%	5%	3%	2%	1%	0%	0%	1%	1%	5%
Other	4%	3%	2%	1%	1%	1%	1%	1%	2%	2%	2%	3%	3%	3%	0%	2%
Total Proceeds	97%	92%	86%	78%	74%	78%	86%	89%	93%	94%	97%	102%	103%	103%	100%	83%
Severity	28%	33%	38%	43%	47%	42%	34%	29%	27%	25%	20%	14%	11%	10%	9%	39%
Total Net Loss (\$M)	\$2,564	\$2,840	\$2,510	\$5,895	\$7,371	\$8,964	\$4,521	\$863	\$209	\$97	\$60	\$36	\$17	\$7	\$1	\$35,955

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 March 2018)

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

	Disposition Year															
	2000-2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
Default UPB (\$M)¹	\$1,320	\$1,293	\$1,331	\$1,278	\$1,510	\$2,320	\$5,622	\$11,574	\$16,616	\$14,522	\$10,537	\$7,921	\$6,762	\$6,651	\$3,888	\$93,146
EXPENSES:																
Delinquent Interest	9%	9%	9%	9%	9%	8%	7%	8%	9%	9%	11%	14%	16%	17%	15%	11%
Total Liquidation Exp.	7%	7%	9%	10%	9%	7%	6%	6%	7%	8%	11%	15%	18%	19%	19%	11%
Foreclosure	3%	3%	3%	4%	4%	3%	2%	2%	2%	3%	3%	4%	5%	5%	6%	3%
Property Preservation	2%	2%	3%	3%	3%	2%	2%	2%	2%	2%	3%	4%	5%	4%	5%	3%
Asset Recovery	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%
Misc. Holding Expenses/Credits	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	2%	2%	2%	1%
Associated Taxes	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	3%	4%	5%	7%	6%	3%
Total Costs	115%	116%	118%	119%	118%	115%	113%	114%	116%	118%	122%	129%	135%	136%	134%	121%
PROCEEDS:																
Net Sales Proceeds	77%	78%	80%	78%	76%	72%	63%	62%	59%	64%	72%	75%	79%	80%	81%	69%
Credit Enhancement	15%	14%	14%	14%	13%	10%	9%	7%	7%	7%	6%	7%	6%	5%	6%	7%
Repurchase/Make Whole	13%	10%	8%	5%	4%	4%	8%	9%	8%	5%	3%	1%	0%	0%	1%	5%
Other	4%	5%	5%	6%	5%	2%	1%	1%	1%	1%	2%	2%	2%	2%	3%	2%
Total Proceeds	110%	108%	106%	103%	98%	88%	81%	79%	75%	77%	83%	85%	88%	88%	91%	83%
Severity	5%	8%	11%	16%	20%	27%	33%	35%	41%	41%	40%	44%	47%	48%	43%	39%
Total Net Loss (\$M)	\$72	\$105	\$150	\$208	\$307	\$635	\$1,829	\$4,062	\$6,880	\$5,926	\$4,199	\$3,514	\$3,164	\$3,224	\$1,679	\$35,955

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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