

Fannie Mae Statistical Summary Tables: 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)

			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	1,609	\$69	155,553	790	108	298	1,529	35	60	1,055	\$344	1.8%	\$169	0.1%
2000	1,267,892	160,707	8,884	\$396	1,238,309	4,150	763	1,860	13,274	261	391	7,506	\$2,491	1.6%	\$1,390	0.2%
2001	3,371,876	472,763	38,347	\$2,074	3,287,285	6,659	2,168	4,113	31,089	1,015	1,200	21,972	\$6,351	1.3%	\$3,509	0.2%
2002	3,857,280	564,709	77,289	\$4,888	3,724,238	5,983	3,032	5,490	37,320	1,808	2,120	31,678	\$8,377	1.5%	\$4,404	0.3%
2003	5,107,349	777,973	218,200	\$16,436	4,795,093	6,780	7,548	10,965	58,669	4,513	5,581	68,288	\$18,256	2.3%	\$8,832	0.4%
2004	1,744,509	274,060	104,979	\$8,914	1,577,447	3,052	7,269	5,530	38,722	2,887	4,623	43,589	\$12,566	4.6%	\$6,690	0.9%
2005	1,446,211	252,266	116,358	\$11,014	1,233,673	3,390	18,009	6,008	56,287	3,928	8,558	63,608	\$22,205	8.8%	\$13,626	2.4%
2006	1,080,840	198,702	76,595	\$8,163	903,913	3,729	20,257	4,533	58,192	3,601	10,020	66,099	\$24,277	12.2%	\$15,419	3.7%
2007	1,252,500	245,739	96,366	\$11,495	1,023,086	8,821	25,682	5,170	73,272	5,247	14,856	94,654	\$34,735	14.1%	\$20,637	3.6%
2008	1,491,728	315,003	105,257	\$11,783	1,299,782	9,317	15,305	3,530	45,962	3,654	8,921	67,681	\$23,740	7.5%	\$12,727	1.4%
2009	2,363,169	522,087	331,679	\$39,236	2,008,601	2,732	3,456	1,606	11,695	1,535	1,865	18,947	\$6,637	1.3%	\$3,105	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	1,242,715	\$263,660	325,201	1,319	30	53	197	10	20	774	\$593	0.2%	\$12	0.0%
2019	164,837	39,839	135,692	\$30,098	29,065	76	0	0	4	0	0	3	\$19	0.0%	\$0	0.0%
Total	40,887,332	7,798,912	11,092,196	\$1,925,333	29,030,637	71,142	105,884	54,151	440,947	30,287	62,088	555,040	\$176,793	2.3%	\$93,499	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	\$24,995	\$13,626	\$15,419	\$20,637	\$12,727	\$3,105	\$911	\$499	\$426	\$399	\$316	\$226	\$140	\$61	\$12	\$93,499
Default Rate (%)	1.1%	5.4%	7.8%	8.4%	4.0%	0.6%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	1.2%
EXPENSES:																
Delinquent Interest	11%	11%	12%	12%	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%	122%	122%	121%	120%	121%	121%	120%	119%	118%	116%	113%	111%	109%	122%
PROCEEDS:																
Net Sales Proceeds	78%	69%	63%	62%	66%	79%	84%	86%	87%	86%	86%	88%	86%	86%	88%	69%
Credit Enhancement	9%	5%	5%	8%	9%	4%	4%	6%	9%	14%	16%	14%	15%	13%	10%	7%
Repurchase/Make Whole	3%	2%	4%	7%	9%	5%	3%	1%	1%	0%	0%	1%	1%	1%	0%	5%
Other	4%	1%	1%	1%	2%	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%	44%	48%	43%	35%	30%	28%	26%	21%	15%	13%	10%	9%	9%	8%	39%
Total Net Loss (\$M)	\$8,198	\$5,975	\$7,344	\$8,878	\$4,455	\$933	\$253	\$128	\$90	\$62	\$40	\$22	\$13	\$6	\$1	\$36,398

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	\$11,558	\$16,428	\$14,074	\$9,898	\$7,281	\$6,048	\$5,920	\$3,675	\$2,670	\$1,273	\$93,499
EXPENSES:																
Delinquent Interest	9%	9%	9%	8%	7%	8%	9%	10%	12%	15%	17%	18%	15%	15%	12%	11%
Total Liquidation Exp.	7%	10%	9%	7%	6%	6%	7%	9%	11%	16%	20%	21%	21%	22%	21%	11%
<i>Foreclosure</i>	3%	4%	4%	3%	2%	2%	2%	3%	3%	4%	5%	6%	7%	8%	8%	4%
<i>Property Preservation</i>	2%	3%	3%	2%	2%	2%	2%	2%	3%	4%	6%	4%	5%	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%	3%	2%	2%	2%	1%
<i>Associated Taxes</i>	1%	2%	2%	2%	2%	2%	2%	2%	3%	4%	6%	7%	7%	7%	5%	3%
Total Costs	116%	119%	118%	115%	113%	114%	116%	118%	123%	131%	137%	138%	137%	137%	134%	122%
PROCEEDS:																
<i>Net Sales Proceeds</i>	78%	78%	76%	72%	63%	62%	59%	64%	72%	75%	79%	80%	82%	85%	87%	69%
<i>Credit Enhancement</i>	14%	14%	13%	10%	9%	7%	7%	7%	7%	7%	6%	5%	6%	6%	6%	7%
<i>Repurchase/Make Whole</i>	10%	5%	4%	4%	8%	9%	8%	5%	3%	1%	0%	0%	1%	1%	1%	5%
<i>Other</i>	5%	6%	5%	2%	1%	1%	1%	2%	2%	2%	2%	3%	4%	4%	5%	2%
Total Proceeds	108%	103%	98%	88%	81%	79%	75%	77%	83%	85%	88%	88%	92%	96%	99%	84%
Severity	8%	16%	20%	27%	33%	35%	41%	41%	41%	46%	49%	50%	44%	41%	34%	39%
Total Net Loss (\$M)	\$327	\$208	\$307	\$635	\$1,829	\$4,057	\$6,813	\$5,781	\$4,014	\$3,315	\$2,964	\$2,975	\$1,633	\$1,104	\$437	\$36,398

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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