



Fannie Mae Statistical Summary Tables: October 2021

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Acquisition File Summary Characteristics

(Reflects origination year for loans acquired from January 2000 to June 2021)

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	160,138	\$19,113	\$119,355	717	725	77.5	77.6	34.4	7.7
2000	1,268,238	\$160,749	\$126,750	719	727	77.7	77.9	35.4	8.1
2001	3,371,992	\$472,779	\$140,208	722	729	72.8	73.2	33.3	6.9
2002	3,857,382	\$564,732	\$146,403	727	735	69.4	69.9	32.9	6.3
2003	5,107,659	\$778,022	\$152,325	729	736	67.1	67.9	32.6	5.5
2004	1,744,574	\$274,074	\$157,101	723	730	69.3	70.9	35.7	5.7
2005	1,446,032	\$252,241	\$174,436	726	733	69.7	71.7	37.6	5.8
2006	1,080,688	\$198,677	\$183,843	725	733	70.5	72.5	38.8	6.4
2007	1,252,484	\$245,737	\$196,200	725	733	72.2	74.3	38.9	6.3
2008	1,491,789	\$315,022	\$211,171	745	753	71.7	73.3	37.9	6.0
2009	2,363,091	\$522,073	\$220,928	764	770	66.3	67.8	33.6	4.9
2010	1,951,224	\$432,359	\$221,584	769	776	66.7	68.2	31.8	4.5
2011	1,661,851	\$357,699	\$215,242	769	775	68.3	69.7	32.1	4.3
2012	2,680,147	\$608,112	\$226,895	772	776	68.9	70.2	31.1	3.6
2013	2,207,368	\$483,404	\$218,996	764	769	72.4	73.5	32.6	3.8
2014	1,449,706	\$311,590	\$214,933	753	760	76.4	77.2	34.2	4.3
2015	1,869,443	\$423,210	\$226,383	755	762	75.0	75.9	33.7	4.0
2016	2,353,820	\$555,054	\$235,810	758	763	73.6	74.3	33.5	3.7
2017	2,014,560	\$462,002	\$229,332	751	757	76.2	76.8	35.4	4.2
2018	1,787,453	\$419,624	\$234,761	749	755	77.8	78.3	37.6	4.8
2019	2,211,446	\$581,768	\$263,071	756	761	75.9	76.2	35.8	4.1
2020	4,989,011	\$1,400,282	\$280,673	766	771	71.0	71.3	33.5	3.1
2021	2,303,428	\$649,608	\$282,018	764	770	68.9	69.2	33.7	2.9
Total	50,623,524	\$10,487,931	\$207,175	751	757	71.3	72.2	34.1	4.6

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	5
LTV	12
Borrower Credit Score	164,860
Co-Borrower Credit Score	25,691,536
CLTV	5
Original DTI Ratio	765,367

Performance File Summary Characteristics

(Reflects loan status in performance dataset for activity through June 2021)

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	Loan Count					
1999	160,138	19,113	1,424	\$56	155,819	790	108	299	1,534	35	129	1,083	\$330	1.7%	\$170	0.1%	
2000	1,268,238	160,749	7,148	\$301	1,239,835	4,152	764	1,877	13,304	261	897	7,593	\$2,335	1.5%	\$1,399	0.2%	
2001	3,371,992	472,779	29,277	\$1,472	3,294,835	6,662	2,172	4,171	31,159	1,014	2,702	22,167	\$5,942	1.3%	\$3,539	0.2%	
2002	3,857,382	564,732	59,717	\$3,455	3,739,740	5,988	3,045	5,567	37,435	1,806	4,084	31,995	\$7,971	1.4%	\$4,457	0.3%	
2003	5,107,659	778,022	167,593	\$11,427	4,841,517	6,785	7,574	11,152	58,918	4,511	9,609	68,972	\$17,789	2.3%	\$8,969	0.4%	
2004	1,744,574	274,074	80,164	\$6,227	1,599,242	3,052	7,296	5,652	38,926	2,883	7,359	43,981	\$12,222	4.5%	\$6,792	1.0%	
2005	1,446,032	252,241	77,331	\$7,354	1,268,005	3,396	18,064	6,135	56,518	3,928	12,655	63,950	\$21,275	8.4%	\$13,808	2.4%	
2006	1,080,688	198,677	52,171	\$5,370	923,183	3,736	20,323	4,670	58,382	3,600	14,623	66,373	\$23,123	11.6%	\$15,594	3.7%	
2007	1,252,484	245,737	69,376	\$7,620	1,043,368	8,823	25,789	5,319	73,521	5,247	21,041	95,026	\$33,340	13.6%	\$20,943	3.7%	
2008	1,491,789	315,022	76,829	\$7,937	1,324,232	9,323	15,373	3,642	46,187	3,653	12,550	68,053	\$22,972	7.3%	\$12,949	1.4%	
2009	2,363,091	522,073	226,803	\$23,564	2,112,342	2,736	3,495	1,696	11,819	1,534	2,666	19,438	\$7,311	1.4%	\$3,200	0.2%	
2010	1,951,224	432,359	289,553	\$29,195	1,651,957	1,411	855	1,058	4,330	688	1,372	9,311	\$3,414	0.8%	\$958	0.1%	
2011	1,661,851	357,699	327,746	\$33,819	1,327,898	707	354	808	2,539	498	1,301	7,906	\$2,813	0.8%	\$538	0.0%	
2012	2,680,147	608,112	906,696	\$121,294	1,767,313	1,517	295	798	2,263	247	1,018	9,016	\$4,935	0.8%	\$486	0.0%	
2013	2,207,368	483,404	772,828	\$105,622	1,426,463	4,091	259	887	2,135	142	563	10,455	\$5,608	1.2%	\$473	0.0%	
2014	1,449,706	311,590	413,222	\$55,393	1,030,812	2,460	255	756	1,709	98	394	10,493	\$4,975	1.6%	\$414	0.0%	
2015	1,869,443	423,210	687,595	\$107,933	1,177,435	1,798	217	653	1,296	56	393	11,998	\$7,506	1.8%	\$339	0.0%	
2016	2,353,820	555,054	1,094,559	\$193,208	1,255,858	1,257	183	575	982	38	368	13,492	\$11,880	2.1%	\$262	0.0%	
2017	2,014,560	462,002	882,792	\$153,054	1,128,677	1,321	191	393	785	26	375	11,500	\$13,581	2.9%	\$198	0.0%	
2018	1,787,453	419,624	680,401	\$120,485	1,104,209	1,871	189	215	433	10	125	6,674	\$14,447	3.4%	\$129	0.0%	
2019	2,211,446	581,768	1,156,722	\$249,777	1,051,728	2,815	55	34	60	0	32	2,909	\$17,946	3.1%	\$20	0.0%	
2020	4,989,011	1,400,281	4,423,373	\$1,176,173	562,738	2,888	2	3	6	0	1	339	\$7,407	0.5%	\$1	0.0%	
2021	2,303,428	649,608	2,294,099	\$641,654	9,278	51	0	0	0	0	0	0	\$0	0.0%	\$0	0.0%	
Total	50,623,524	10,487,931	14,777,419	\$3,062,390	35,036,484	77,630	106,858	56,360	444,241	30,275	94,257	582,724	\$249,124	2.4%	\$95,638	0.4%	

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 disposition activity through March 2021)

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	2019	2020	Total
Default UPB (\$M)¹	\$25,322	\$13,806	\$15,593	\$20,943	\$12,947	\$3,201	\$958	\$537	\$485	\$467	\$408	\$334	\$254	\$192	\$121	\$18	\$1	\$95,587
Default Rate (%)	1.1%	5.5%	7.8%	8.5%	4.1%	0.6%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%
EXPENSES:																		
Delinquent Interest	11%	11%	12%	12%	11%	9%	8%	8%	6%	7%	7%	6%	6%	6%	6%	4%	2%	11%
Total Liquidation Exp.	14%	11%	10%	10%	10%	11%	13%	14%	15%	15%	14%	14%	13%	12%	9%	5%	4%	11%
<i>Foreclosure</i>	5%	3%	3%	3%	3%	3%	4%	5%	5%	5%	4%	4%	4%	3%	3%	2%	2%	4%
<i>Property Preservation</i>	4%	3%	3%	3%	3%	3%	4%	5%	5%	5%	5%	5%	5%	5%	3%	1%	0%	3%
<i>Asset Recovery</i>	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	1%
<i>Misc. Holding Expenses/Credits</i>	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%
<i>Associated Taxes</i>	4%	3%	3%	3%	3%	3%	3%	4%	3%	3%	3%	3%	3%	2%	1%	1%	1%	3%
Total Costs	126%	122%	122%	122%	122%	120%	121%	122%	121%	121%	121%	120%	119%	118%	115%	109%	106%	123%
PROCEEDS:																		
Net Sales Proceeds	78%	69%	64%	63%	67%	79%	85%	87%	89%	88%	89%	91%	91%	89%	91%	94%	100%	70%
Credit Enhancement	9%	5%	5%	8%	9%	4%	4%	6%	8%	13%	15%	14%	16%	16%	16%	12%	6%	7%
Repurchase/Make Whole	3%	2%	4%	7%	9%	5%	3%	1%	1%	1%	1%	1%	1%	2%	1%	0%	0%	5%
Other	4%	2%	1%	2%	2%	2%	2%	2%	3%	4%	3%	3%	3%	4%	3%	1%	3%	2%
Total Proceeds	93%	78%	74%	79%	86%	90%	94%	96%	100%	106%	108%	109%	111%	111%	111%	107%	109%	84%
Severity	33%	44%	48%	43%	35%	30%	28%	26%	21%	16%	13%	11%	8%	7%	3%	2%	-3%	39%
Total Net Loss (\$M)	\$8,286	\$6,034	\$7,416	\$8,994	\$4,537	\$961	\$264	\$138	\$104	\$74	\$54	\$37	\$21	\$13	\$4	\$0	(\$0)	\$36,934

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.

Note: Please see our webpage for an update on specific data assumptions and corrections for this quarter.



Loss/Severity Summary Characteristics by Disposition Year

(Reflects loan status in performance dataset for disposition activity through March 2021)

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	2020	2021	Total
Default UPB (\$M)¹	\$3,947	\$1,277	\$1,521	\$2,350	\$5,780	\$11,494	\$16,416	\$14,040	\$9,840	\$7,273	\$6,047	\$5,913	\$3,670	\$3,191	\$1,857	\$847	\$123	\$95,587
EXPENSES:																		
Delinquent Interest	9%	9%	9%	8%	7%	8%	9%	10%	12%	15%	17%	18%	16%	14%	12%	13%	11%	11%
Total Liquidation Exp.	7%	10%	9%	7%	6%	6%	7%	9%	12%	16%	20%	21%	21%	19%	20%	26%	22%	11%
Foreclosure	3%	4%	4%	3%	2%	2%	2%	3%	3%	4%	5%	6%	7%	7%	8%	7%	6%	4%
Property Preservation	2%	3%	3%	2%	2%	2%	2%	2%	3%	4%	6%	4%	5%	4%	5%	10%	9%	3%
Asset Recovery	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	0%	1%	1%	0%	1%
Misc. Holding Expenses/Credits	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	3%	3%	2%	2%	2%	2%	2%	1%
Associated Taxes	1%	2%	2%	2%	2%	2%	2%	2%	3%	4%	6%	7%	7%	6%	5%	5%	5%	3%
Total Costs	116%	119%	118%	115%	113%	114%	116%	118%	123%	131%	137%	139%	137%	134%	132%	138%	132%	123%
PROCEEDS:																		
Net Sales Proceeds	78%	78%	77%	72%	63%	62%	59%	64%	72%	75%	79%	80%	82%	86%	88%	92%	100%	70%
Credit Enhancement	14%	14%	13%	10%	9%	7%	7%	7%	7%	7%	6%	5%	6%	5%	6%	10%	9%	7%
Repurchase/Make Whole	10%	5%	3%	4%	8%	9%	8%	5%	3%	1%	0%	0%	1%	0%	1%	3%	1%	5%
Other	5%	6%	5%	2%	1%	1%	1%	2%	2%	2%	2%	3%	4%	5%	5%	5%	2%	2%
Total Proceeds	108%	103%	98%	88%	81%	79%	75%	77%	83%	85%	88%	88%	92%	95%	101%	109%	112%	84%
Severity	8%	16%	20%	27%	32%	35%	41%	41%	41%	46%	49%	51%	44%	39%	32%	29%	20%	39%
Total Net Loss (\$M)	\$326	\$208	\$308	\$640	\$1,875	\$4,036	\$6,804	\$5,756	\$3,991	\$3,311	\$2,966	\$2,990	\$1,632	\$1,232	\$591	\$244	\$25	\$36,934

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.

Note: Please see our webpage for an update on specific data assumptions and corrections for this quarter.



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