



Santander US Capital Markets LLC

Historical Servicer Prepayment Speed Ranking

March 2026 (February Speeds)

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Agency MBS Strategy

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GSE: Fixed 30yr, In-the-money

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Rocket	116,236	6.79	24	25.6	25.5	20.9	Rocket	94,810	6.83	23	36.7	28.4	21.6	Rocket	71,442	6.91	21	42.0	26.5	19.4
2	Provident Funding	3,318	6.58	29	16.3	22.5	19.7	Provident Funding	2,964	6.64	28	22.2	25.3	21.2	Provident Funding	2,124	6.74	26	21.8	23.1	19.3
3	loanDepot.com	9,158	6.84	23	12.8	23.4	21.0	United Shore (Retained)	51,199	6.97	14	20.0	29.8	25.5	loanDepot.com	6,989	6.97	20	17.7	22.5	19.5
4	Guaranteed Rate	11,707	6.79	14	11.9	25.0	22.7	United Shore (->Lakeview)	20,497	6.71	18	16.3	22.9	20.0	United Shore (Retained)	44,293	7.05	13	16.6	24.5	21.4
5	Onslow Bay	7,283	6.75	19	10.0	23.2	21.3	United Shore (->Nationstar)	28,061	6.85	28	15.1	24.0	21.2	United Shore (->Lakeview)	10,686	6.73	18	15.9	22.6	19.8
6	PennyMac	88,796	6.78	19	8.1	27.2	25.5	loanDepot.com	8,484	6.89	21	13.9	24.9	22.2	Onslow Bay	4,589	6.87	17	13.5	23.2	20.7
7	Fairway	5,450	6.88	10	7.9	24.9	23.3	Onslow Bay	6,499	6.79	18	12.3	25.5	23.0	United Shore (->Nationstar)	27,680	6.92	24	12.7	19.7	17.7
8	Freedom Mortgage	63,578	6.82	22	6.5	26.7	25.3	Nexus Nova	10,306	6.85	23	11.8	26.9	24.4	Fairway	2,607	6.94	10	9.9	24.2	22.3
9	Fifth Third	5,391	6.74	28	6.1	18.3	17.3	Fairway	4,296	6.91	10	11.3	26.1	23.7	Nexus Nova	7,949	6.94	22	8.3	23.0	21.4
10	United Shore (Retained)	59,003	6.92	14	5.9	25.3	24.1	Fifth Third	4,714	6.80	27	11.1	20.0	18.2	Fifth Third	3,696	6.89	25	7.5	17.6	16.5
11	Chase	42,179	6.74	22	4.7	19.3	18.5	Guaranteed Rate	10,594	6.81	14	10.1	25.6	23.5	United Shore (Sold)	3,257	6.76	31	6.8	24.2	22.9
12	United Shore (->Nationstar)	23,277	6.80	29	4.5	20.4	19.6	Two Harbors	7,222	6.86	17	5.4	26.0	24.9	Two Harbors	5,055	6.92	16	4.9	23.2	22.3
13	PHH Mortgage	30,881	6.66	16	4.2	24.2	23.3	United Shore (Sold)	6,462	6.76	31	4.4	23.8	22.9	Guaranteed Rate	8,276	6.87	13	3.7	20.4	19.7
14	United Shore (Sold)	12,305	6.77	31	3.7	23.4	22.7	Movement Mortgage	4,960	6.79	10	2.6	23.6	23.1	PennyMac	62,701	6.90	18	1.4	23.3	23.0
15	Seneca Mortgage	3,895	6.72	29	3.6	22.2	21.5	PennyMac	79,898	6.82	19	2.2	27.1	26.6	Movement Mortgage	3,276	6.84	10	0.9	21.0	20.8
16	Guild Mortgage	19,522	6.83	19	2.5	24.5	24.0	Guild Mortgage	17,774	6.87	19	1.3	25.2	24.9	Lakeview	84,990	6.97	21	0.1	21.1	21.0
17	United Shore (->Lakeview)	21,488	6.67	19	2.4	19.3	18.9	Union Home Mortgage	7,392	6.96	18	-0.2	23.8	23.8	Union Home Mortgage	5,945	7.04	17	0.0	20.7	20.7
18	Bungalow Funding	3,869	6.77	18	1.3	24.3	24.0	PHH Mortgage	26,051	6.71	16	-0.4	24.3	24.4	Guild Mortgage	14,461	6.95	18	-0.9	21.1	21.2
19	New Residential	58,239	6.86	21	0.9	25.1	24.9	Lakeview	98,935	6.89	23	-0.8	24.6	24.7	PHH Mortgage	17,398	6.80	15	-1.0	22.2	22.4
20	Two Harbors	7,380	6.82	18	0.9	23.5	23.3	Freedom Mortgage	61,103	6.85	21	-0.9	26.3	26.5	Chase	28,329	6.87	20	-2.4	17.0	17.4
21	Lakeview	107,682	6.83	24	0.3	23.2	23.2	Nationstar	62,134	6.85	23	-2.6	19.2	19.7	Huntington National Bank	4,479	6.97	18	-3.0	18.9	19.4
22	Nexus Nova	12,608	6.79	23	-0.0	24.2	24.2	Chase	37,272	6.78	22	-2.6	18.9	19.3	Freedom Mortgage	49,058	6.91	19	-3.2	21.9	22.5
23	Movement Mortgage	5,249	6.75	10	-1.6	23.0	23.3	Seneca Mortgage	3,356	6.79	27	-3.1	22.3	22.9	Nationstar	51,911	6.93	21	-3.8	16.8	17.4
24	AmeriHome Mortgage	28,265	7.04	14	-2.1	22.9	23.3	Bell Bank	3,332	6.84	19	-3.9	21.7	22.5	New Residential	42,269	6.99	18	-4.5	21.9	22.8
25	CrossCountry Mortgage	34,392	6.77	19	-2.2	22.5	23.0	New Residential	52,978	6.91	20	-4.2	25.4	26.4	Seneca Mortgage	2,560	6.91	25	-4.8	19.9	20.8
26	Union Home Mortgage	8,035	6.92	18	-4.1	22.0	22.9	CrossCountry Mortgage	29,097	6.83	18	-5.5	23.1	24.3	Bungalow Funding	2,449	6.87	15	-5.1	21.8	22.8
27	Nationstar	59,089	6.79	24	-4.6	17.7	18.5	Arvest Mortgage	3,712	6.80	18	-5.5	20.8	21.9	AmeriHome Mortgage	22,829	7.11	13	-5.6	18.8	19.8
28	Huntington National Bank	6,519	6.84	20	-5.2	19.8	20.8	Bungalow Funding	3,557	6.81	17	-5.6	24.2	25.4	Arvest Mortgage	2,846	6.88	17	-6.5	18.1	19.3
29	BSI Financial	2,760	6.79	30	-5.6	22.7	23.9	Huntington National Bank	5,791	6.89	19	-5.9	20.7	21.8	Bell Bank	2,664	6.92	17	-7.4	18.0	19.3
30	Arvest Mortgage	4,122	6.76	18	-8.1	19.5	21.0	AmeriHome Mortgage	25,818	7.06	14	-6.0	22.3	23.6	BSI Financial	2,177	6.97	26	-7.6	20.5	22.0
31	New American Funding	9,626	6.89	20	-9.7	21.0	23.0	BSI Financial	2,563	6.86	29	-9.2	23.4	25.5	CrossCountry Mortgage	21,131	6.90	17	-8.6	19.9	21.5
32	Planet Home Lending	6,249	6.72	17	-9.9	17.5	19.3	Planet Home Lending	5,337	6.76	16	-10.3	18.2	20.1	CMG Mortgage	11,208	6.95	15	-9.2	20.0	21.8
33	Citi	12,949	6.73	19	-10.1	20.5	22.5	Citi	11,379	6.78	18	-10.9	21.4	23.7	Planet Home Lending	3,632	6.85	16	-10.4	16.8	18.6
34	Truist Bank	14,205	6.74	21	-10.7	17.9	19.8	CMG Mortgage	13,070	6.86	16	-11.1	23.1	25.6	Citi	8,301	6.87	17	-12.0	19.0	21.3
35	CMG Mortgage	14,904	6.83	16	-10.9	22.3	24.7	New American Funding	8,728	6.93	19	-12.6	21.4	24.1	New American Funding	7,060	7.00	18	-13.3	18.3	20.9
36	Bell Bank	3,708	6.80	19	-12.3	19.1	21.5	Truist Bank	12,575	6.79	21	-12.8	18.2	20.6	Truist Bank	9,705	6.88	19	-13.3	16.0	18.2
37	Citizens Bank	15,124	6.75	20	-16.2	16.3	19.1	SWBC Mortgage	2,340	6.87	20	-16.8	20.6	24.2	Marlin Mortgage Capital	1,878	7.07	14	-15.7	15.5	18.1
38	Smaller Servicers	165,394	6.79	20	-18.7	17.2	20.8	U.S. Bank	22,279	6.87	21	-17.9	18.0	21.5	Citizens Bank	9,917	6.89	18	-16.2	15.4	18.1
39	U.S. Bank	24,225	6.82	22	-19.7	16.4	20.1	Citizens Bank	13,265	6.80	19	-17.9	16.7	20.0	U.S. Bank	17,385	6.96	19	-17.4	15.9	19.0
40	SWBC Mortgage	2,586	6.82	21	-21.8	18.5	23.0	Smaller Servicers	147,655	6.84	20	-20.5	17.8	21.8	PNC Mortgage	3,161	6.84	22	-18.7	15.5	18.7
41	Regions Bank	5,081	6.69	25	-21.9	14.3	18.0	PNC Mortgage	4,268	6.75	23	-24.4	16.0	20.6	Smaller Servicers	114,523	6.94	19	-19.3	16.0	19.5
42	PNC Mortgage	4,930	6.70	24	-23.9	15.2	19.6	Regions Bank	4,446	6.75	24	-24.9	14.5	18.9	Regions Bank	3,264	6.86	22	-22.8	13.8	17.5
43	Wells Fargo	13,516	6.73	32	-33.7	14.1	20.6	Wells Fargo	11,645	6.79	31	-36.3	14.4	21.7	Wells Fargo	8,628	6.90	29	-29.9	14.4	19.9
44	Bank of America	3,986	6.62	41	-34.4	11.5	17.0	Bank of America	3,314	6.68	39	-37.6	11.6	18.0	Bank of America	2,305	6.79	37	-34.3	11.5	17.0
45	Idaho HFA	4,730	6.73	20	-49.3	8.5	16.2	Idaho HFA	4,056	6.77	19	-50.8	8.9	17.3	Idaho HFA	2,951	6.86	18	-52.2	7.9	15.8

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Fixed 30yr, Out-of-the-money

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	United Shore (Retained)	37,740	4.19	39	25.0	6.1	4.9	United Shore (Retained)	38,864	4.24	37	27.6	6.6	5.2	AmeriHome Mortgage	13,013	4.78	39	19.0	7.8	6.6
2	loanDepot.com	35,578	3.34	52	12.4	4.4	4.0	Rocket	273,094	3.82	61	13.1	6.1	5.4	United Shore (Retained)	52,673	4.21	34	18.9	6.2	5.2
3	Rocket	318,631	3.76	65	8.8	5.4	5.0	loanDepot.com	36,433	3.39	50	10.3	4.8	4.4	Rocket	262,041	3.93	56	12.9	6.7	5.9
4	Freedom Mortgage	128,644	3.40	61	8.4	4.5	4.2	Nexus Nova	39,986	3.69	51	8.2	5.6	5.2	Nexus Nova	40,228	3.78	48	7.4	6.2	5.8
5	Nexus Nova	42,076	3.63	52	5.4	5.0	4.7	CMG Mortgage	34,061	3.50	53	7.1	5.0	4.7	CMG Mortgage	37,740	3.73	48	6.2	5.7	5.3
6	CMG Mortgage	33,259	3.46	55	5.1	4.5	4.3	United Shore (->Lakeview)	25,137	5.19	42	5.3	7.2	6.9	loanDepot.com	38,186	3.48	46	5.9	5.1	4.8
7	New American Funding	27,610	3.38	59	4.8	4.5	4.3	Freedom Mortgage	148,637	3.61	57	4.6	5.1	4.8	United Shore (->Lakeview)	25,995	5.20	39	4.4	7.7	7.3
8	Seneca Mortgage	32,057	3.61	56	3.6	4.9	4.8	Two Harbors	103,780	3.43	69	3.8	4.9	4.8	Aurora	14,659	3.51	64	3.7	5.6	5.4
9	MSR Asset Vehicle	33,788	3.24	57	3.2	4.2	4.1	BOK Financial	14,593	3.55	70	3.4	5.5	5.4	Freedom Mortgage	158,669	3.78	54	3.7	5.6	5.4
10	Two Harbors	92,077	3.41	72	2.8	4.5	4.4	Arvest Mortgage	19,909	3.54	66	2.1	5.2	5.1	PHH Mortgage	69,423	3.87	53	3.2	5.6	5.5
11	Planet Home Lending	12,953	4.14	50	2.6	5.5	5.4	New American Funding	28,376	3.43	57	1.5	4.8	4.7	BOK Financial	15,059	3.59	67	2.8	6.1	5.9
12	Pingora Loan Servicing	17,879	4.02	84	1.9	5.6	5.5	Planet Home Lending	13,583	4.22	48	1.5	5.9	5.8	Arvest Mortgage	20,887	3.60	62	2.5	5.8	5.7
13	PHH Mortgage	58,686	3.65	60	1.5	4.5	4.5	Pingora Loan Servicing	18,714	4.03	82	1.4	5.9	5.8	Two Harbors	111,217	3.45	65	2.3	5.3	5.2
14	Smaller Servicers	614,800	3.60	69	1.3	4.9	4.9	MSR Asset Vehicle	34,108	3.24	56	1.1	4.5	4.4	MSR Asset Vehicle	34,832	3.24	53	1.9	5.0	4.9
15	Aurora	14,130	3.50	68	1.2	4.6	4.6	Smaller Servicers	642,954	3.66	68	0.3	5.4	5.3	Regions Bank	44,109	3.77	57	1.9	6.0	5.9
16	Guild Mortgage	40,118	3.64	60	1.0	4.8	4.7	PennyMac	222,449	3.68	55	0.0	5.0	5.0	Pingora Loan Servicing	19,526	4.03	79	1.8	6.4	6.2
17	BOK Financial	14,270	3.52	72	0.6	4.9	4.9	Seneca Mortgage	32,404	3.66	55	-0.0	5.2	5.2	United Shore (->Nationstar)	23,639	5.75	34	1.3	7.9	7.8
18	United Shore (->Lakeview)	23,133	5.11	45	0.4	6.4	6.4	Guild Mortgage	41,389	3.69	58	-0.2	5.2	5.2	PennyMac	238,275	3.78	51	0.6	5.6	5.6
19	PennyMac	211,472	3.64	57	0.2	4.6	4.6	United Shore (->Nationstar)	16,057	5.54	40	-0.3	7.7	7.7	Seneca Mortgage	30,153	3.71	52	-0.0	5.7	5.7
20	Arvest Mortgage	19,272	3.52	67	-0.6	4.7	4.7	Regions Bank	42,522	3.73	60	-0.3	5.4	5.4	New American Funding	29,926	3.53	52	-0.5	5.2	5.3
21	Regions Bank	41,791	3.70	62	-1.2	4.9	5.0	Aurora	14,303	3.51	67	-0.4	4.9	5.0	Planet Home Lending	14,555	4.32	44	-0.5	6.2	6.2
22	New Residential	235,985	3.74	78	-1.7	4.8	4.9	PHH Mortgage	63,923	3.72	58	-0.4	5.0	5.0	BSI Financial	13,221	3.64	53	-0.5	5.3	5.3
23	Truist Bank	153,574	3.50	75	-1.7	4.5	4.6	Fifth Third	65,324	3.65	67	-0.9	5.2	5.3	Smaller Servicers	703,857	3.75	63	-0.6	5.8	5.8
24	United Shore (Sold)	77,938	3.36	61	-1.9	4.1	4.2	United Shore (Sold)	76,090	3.29	60	-1.0	4.3	4.4	Truist Bank	153,017	3.52	71	-0.9	5.3	5.4
25	PNC Mortgage	118,457	3.43	77	-2.0	4.5	4.6	Truist Bank	150,845	3.50	73	-2.4	4.8	4.9	Guild Mortgage	44,464	3.82	53	-1.1	5.7	5.8
26	Fifth Third	63,978	3.62	68	-2.2	4.8	4.9	New Residential	242,035	3.77	77	-2.5	5.2	5.3	Citizens Bank	54,964	3.74	61	-1.6	5.7	5.8
27	U.S. Bank	93,499	3.66	78	-2.8	4.7	4.8	Nationstar	279,177	3.82	70	-2.6	5.5	5.6	Nationstar	324,512	3.91	66	-1.6	6.0	6.1
28	Lakeview	184,123	4.09	53	-3.2	4.9	5.0	BSI Financial	12,259	3.53	57	-2.6	4.6	4.7	Fifth Third	67,656	3.68	63	-1.7	5.7	5.8
29	Chase	422,887	3.47	72	-3.2	4.3	4.4	United Shore (->Onslow Bay)	85,055	3.08	56	-2.7	3.6	3.7	United Shore (Sold)	68,915	3.28	59	-2.3	4.6	4.7
30	United Shore (->Two Harbors)	41,004	3.53	54	-3.3	4.2	4.3	United Shore (->Two Harbors)	41,589	3.54	53	-2.8	4.5	4.7	Lakeview	210,140	4.32	46	-2.3	5.9	6.0
31	United Shore (->Onslow Bay)	84,367	3.08	58	-3.4	3.3	3.4	Chase	427,408	3.49	71	-3.1	4.6	4.8	Chase	440,132	3.52	68	-2.8	5.1	5.2
32	Nationstar	214,344	3.76	70	-3.5	5.0	5.1	CrossCountry Mortgage	64,423	3.78	51	-3.3	4.8	5.0	New Residential	251,714	3.84	73	-3.1	5.6	5.8
33	Citizens Bank	50,262	3.58	68	-4.3	4.6	4.8	Lakeview	192,998	4.17	51	-3.4	5.4	5.5	Onslow Bay	109,800	3.31	51	-3.2	4.5	4.6
34	Huntington National Bank	15,405	3.73	72	-4.4	5.1	5.4	Citizens Bank	51,856	3.64	66	-3.4	5.1	5.3	Marlin Mortgage Capital	18,622	3.25	52	-3.4	4.5	4.6
35	Sailfish Servicing	16,124	3.26	56	-4.7	3.7	3.9	Huntington National Bank	16,028	3.79	70	-3.4	5.7	5.9	PNC Mortgage	122,052	3.46	73	-3.4	5.3	5.5
36	Citi	23,974	3.91	80	-5.0	4.6	4.8	PNC Mortgage	119,178	3.44	76	-3.6	4.8	5.0	United Shore (->Onslow Bay)	84,778	3.08	53	-3.7	4.0	4.1
37	Wells Fargo	260,680	3.66	90	-5.0	4.7	4.9	Onslow Bay	112,889	3.29	55	-4.2	4.0	4.2	CrossCountry Mortgage	58,840	3.83	47	-3.8	5.2	5.4
38	Onslow Bay	121,347	3.28	56	-5.1	3.7	3.9	U.S. Bank	99,181	3.69	75	-4.5	5.0	5.2	U.S. Bank	106,485	3.78	71	-3.9	5.5	5.7
39	CrossCountry Mortgage	80,060	3.85	52	-5.5	4.4	4.7	Citi	25,144	3.99	76	-5.1	5.0	5.3	Huntington National Bank	17,184	3.91	65	-4.2	6.2	6.4
40	Marlin Mortgage Capital	15,671	3.19	58	-5.8	3.6	3.8	Wells Fargo	268,133	3.68	89	-5.8	5.0	5.3	Wells Fargo	278,457	3.71	86	-5.3	5.4	5.7
41	Provident Funding	22,036	3.57	80	-5.8	4.3	4.5	FHLB Chicago	11,324	3.36	70	-6.5	5.0	5.3	United Shore (->Two Harbors)	42,746	3.57	50	-5.6	4.9	5.2
42	BSI Financial	11,637	3.47	58	-6.5	3.9	4.2	Provident Funding	22,606	3.63	78	-7.1	4.7	5.0	Citi	27,527	4.16	70	-6.1	5.3	5.6
43	Bank of America	35,486	4.42	141	-7.0	5.7	6.2	Bank of America	37,647	4.47	141	-7.6	6.0	6.5	Sailfish Servicing	17,978	3.31	51	-7.7	4.4	4.7
44	United Shore (->Nationstar)	10,978	5.41	44	-10.4	6.3	7.0	Sailfish Servicing	16,683	3.27	55	-8.0	3.9	4.3	Provident Funding	23,131	3.74	74	-8.0	5.1	5.5
45	FHLB Chicago	10,980	3.33	71	-11.4	4.3	4.8	Marlin Mortgage Capital	16,930	3.19	56	-9.7	3.8	4.2	Bank of America	40,054	4.52	138	-9.0	6.2	6.8

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Fixed 30yr, Total

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Rocket	434,867	4.57	54	19.3	11.2	9.5	Rocket	367,904	4.59	52	27.3	12.4	9.8	Rocket	333,483	4.57	49	27.1	11.3	9.0
2	loanDepot.com	44,736	4.06	46	12.6	8.6	7.7	United Shore (Retained)	90,063	5.79	24	21.0	20.6	17.3	United Shore (Retained)	96,967	5.51	25	17.1	15.0	12.9
3	United Shore (Retained)	96,742	5.86	24	7.9	18.3	17.1	United Shore (->Lakeview)	45,634	5.87	31	13.2	14.6	13.0	loanDepot.com	45,175	4.02	42	11.1	8.0	7.3
4	Freedom Mortgage	192,222	4.53	48	6.9	12.5	11.7	United Shore (->Nationstar)	44,117	6.37	32	12.6	18.4	16.5	United Shore (->Lakeview)	36,682	5.64	33	10.6	12.3	11.1
5	PennyMac	300,267	4.57	46	5.9	11.9	11.3	loanDepot.com	44,917	4.05	45	12.3	8.9	8.0	United Shore (->Nationstar)	51,319	6.38	29	9.7	14.4	13.2
6	MSR Asset Vehicle	33,992	3.26	57	3.9	4.3	4.2	Nexus Nova	50,292	4.34	45	10.3	10.4	9.5	Nexus Nova	48,177	4.30	43	7.8	9.2	8.5
7	Seneca Mortgage	35,952	3.95	53	3.6	7.0	6.7	Two Harbors	111,001	3.65	66	4.3	6.5	6.2	Aurora	14,735	3.53	64	3.3	5.6	5.5
8	PHH Mortgage	89,567	4.69	45	3.5	11.8	11.4	Provident Funding	25,570	3.98	72	3.9	7.3	7.0	Two Harbors	116,272	3.60	63	2.7	6.2	6.0
9	Provident Funding	25,354	3.96	74	3.4	6.9	6.7	Fifth Third	70,038	3.86	64	1.6	6.3	6.2	MSR Asset Vehicle	34,955	3.25	53	1.9	5.0	4.9
10	United Shore (->Nationstar)	34,255	6.36	34	2.5	16.1	15.8	PennyMac	302,347	4.51	46	1.5	11.4	11.2	Pingora Loan Servicing	19,671	4.05	79	1.7	6.4	6.3
11	Two Harbors	99,457	3.66	68	2.2	6.0	5.9	MSR Asset Vehicle	34,280	3.26	56	1.3	4.6	4.5	PennyMac	300,975	4.43	44	1.1	9.6	9.5
12	Guild Mortgage	59,641	4.68	47	2.1	11.7	11.5	Union Home Mortgage	14,620	5.41	34	1.1	15.6	15.4	PHH Mortgage	86,820	4.45	45	1.0	9.2	9.1
13	Nexus Nova	54,684	4.36	46	2.0	9.8	9.6	Guild Mortgage	59,163	4.65	46	0.9	11.7	11.6	Onslow Bay	114,390	3.45	50	-0.3	5.3	5.3
14	United Shore (->Lakeview)	44,621	5.86	33	1.9	12.9	12.6	United Shore (Sold)	82,552	3.57	58	0.8	6.0	6.0	Freedom Mortgage	207,727	4.52	45	-0.4	9.7	9.7
15	Pingora Loan Servicing	18,100	4.06	83	1.3	5.7	5.7	Pingora Loan Servicing	18,906	4.06	82	0.8	6.0	6.0	Provident Funding	25,254	3.99	70	-0.4	6.7	6.7
16	United Shore (Sold)	90,243	3.82	57	0.8	7.0	6.9	Freedom Mortgage	209,740	4.56	47	0.7	11.8	11.7	Fifth Third	71,352	3.85	61	-0.4	6.3	6.4
17	AmeriHome Mortgage	33,180	6.71	20	0.1	21.0	21.0	Onslow Bay	119,388	3.48	53	0.1	5.3	5.3	United Shore (Sold)	72,172	3.44	58	-0.5	5.6	5.6
18	New Residential	294,224	4.36	67	-0.2	9.2	9.2	PHH Mortgage	89,974	4.59	45	-0.4	11.0	11.0	Arvest Mortgage	23,733	4.00	57	-0.5	7.4	7.4
19	Fifth Third	69,370	3.86	65	-0.2	5.9	5.9	Seneca Mortgage	35,760	3.95	52	-1.1	6.9	7.0	Lakeview	295,130	5.09	39	-0.9	10.5	10.6
20	Lakeview	291,805	5.10	42	-0.6	12.1	12.1	Arvest Mortgage	23,620	4.05	58	-1.5	7.9	8.0	Guild Mortgage	58,925	4.59	44	-1.0	9.7	9.8
21	Chase	465,067	3.76	67	-0.7	5.7	5.8	Lakeview	291,934	5.09	41	-1.5	12.3	12.5	Seneca Mortgage	32,712	3.96	49	-1.2	6.9	6.9
22	Onslow Bay	128,630	3.47	54	-1.1	4.9	5.0	Nationstar	341,311	4.37	61	-2.6	8.1	8.3	BOK Financial	16,042	3.79	64	-1.8	6.8	6.9
23	Union Home Mortgage	14,269	5.52	33	-2.5	15.2	15.6	United Shore (->Onslow Bay)	85,055	3.08	56	-2.7	3.6	3.7	AmeriHome Mortgage	35,841	6.27	23	-1.9	14.9	15.2
24	United Shore (->Two Harbors)	42,126	3.61	54	-3.1	4.4	4.6	United Shore (->Two Harbors)	42,528	3.61	53	-2.7	4.8	4.9	Nationstar	376,422	4.33	60	-2.3	7.5	7.7
25	CrossCountry Mortgage	114,452	4.73	42	-3.2	10.3	10.6	Chase	464,680	3.75	67	-3.0	5.8	6.0	CMG Mortgage	48,947	4.47	41	-2.6	9.1	9.4
26	United Shore (->Onslow Bay)	84,367	3.08	58	-3.4	3.3	3.4	AmeriHome Mortgage	32,284	6.64	21	-3.3	19.9	20.5	Chase	468,461	3.72	65	-2.7	5.8	6.0
27	Nationstar	273,433	4.42	60	-4.0	7.9	8.2	New Residential	295,013	4.34	67	-3.4	9.2	9.5	Regions Bank	47,373	3.98	55	-2.8	6.6	6.8
28	Arvest Mortgage	23,394	4.09	58	-4.4	7.4	7.8	BOK Financial	15,869	3.81	67	-4.3	6.6	6.9	Truist Bank	162,722	3.72	67	-3.2	6.0	6.2
29	Truist Bank	167,779	3.78	70	-4.4	5.7	5.9	CrossCountry Mortgage	93,520	4.73	41	-4.8	10.9	11.4	BSI Financial	15,397	4.11	49	-3.5	7.6	7.9
30	BOK Financial	15,703	3.82	68	-4.8	6.3	6.6	Huntington National Bank	21,819	4.61	56	-4.9	9.9	10.4	Huntington National Bank	21,663	4.54	56	-3.7	8.9	9.3
31	Huntington National Bank	21,924	4.65	56	-4.9	9.7	10.2	Truist Bank	163,420	3.75	69	-5.3	5.9	6.2	New Residential	293,983	4.29	65	-3.7	8.1	8.4
32	New American Funding	37,235	4.29	49	-4.9	9.1	9.5	Planet Home Lending	18,920	4.93	39	-5.5	9.5	10.1	United Shore (->Onslow Bay)	84,778	3.08	53	-3.7	4.0	4.1
33	PNC Mortgage	123,387	3.56	75	-5.5	5.0	5.3	CMG Mortgage	47,131	4.44	43	-5.6	10.4	11.0	PNC Mortgage	125,213	3.55	72	-4.7	5.5	5.8
34	Planet Home Lending	19,202	4.98	40	-5.5	9.6	10.1	BSI Financial	14,822	4.11	52	-6.3	8.1	8.7	Planet Home Lending	18,187	4.83	38	-4.9	8.4	8.8
35	BSI Financial	14,397	4.11	53	-6.0	7.8	8.3	PNC Mortgage	123,446	3.56	74	-6.5	5.2	5.6	United Shore (->Two Harbors)	43,378	3.61	50	-5.5	5.0	5.3
36	Sailfish Servicing	17,700	3.59	54	-6.7	5.1	5.5	Regions Bank	46,968	4.01	57	-7.2	6.3	6.8	CrossCountry Mortgage	79,971	4.64	39	-6.7	9.3	10.0
37	CMG Mortgage	48,164	4.51	43	-6.8	10.4	11.1	New American Funding	37,104	4.25	48	-7.4	9.0	9.7	New American Funding	36,986	4.19	46	-6.9	7.9	8.4
38	Regions Bank	46,871	4.03	58	-7.8	6.0	6.5	Citi	36,523	4.86	58	-9.1	10.4	11.4	Marlin Mortgage Capital	20,500	3.60	49	-7.0	5.5	6.0
39	Citi	36,923	4.90	58	-8.7	10.5	11.4	Smaller Servicers	829,453	4.31	58	-9.4	8.3	9.1	Citizens Bank	64,881	4.22	55	-7.1	7.3	7.8
40	Smaller Servicers	824,725	4.34	58	-9.1	8.2	9.0	Wells Fargo	279,778	3.81	87	-10.8	5.4	6.0	Smaller Servicers	843,099	4.28	56	-7.1	7.7	8.3
41	Wells Fargo	274,196	3.81	87	-10.5	5.2	5.7	Sailfish Servicing	18,210	3.59	52	-10.8	5.2	5.8	Wells Fargo	287,086	3.80	85	-7.9	5.7	6.2
42	Citizens Bank	65,386	4.32	57	-11.0	7.5	8.3	Citizens Bank	65,122	4.28	56	-10.8	7.6	8.5	Sailfish Servicing	19,468	3.60	49	-8.4	5.4	5.8
43	U.S. Bank	117,723	4.31	67	-11.9	7.2	8.2	U.S. Bank	121,459	4.28	65	-11.2	7.5	8.4	U.S. Bank	123,870	4.23	63	-8.9	7.0	7.7
44	Bank of America	39,472	4.64	131	-13.8	6.3	7.3	Bank of America	40,961	4.65	133	-13.7	6.5	7.5	Citi	35,828	4.79	58	-9.4	8.6	9.5
45	Marlin Mortgage Capital	17,847	3.65	53	-13.9	5.2	6.1	Marlin Mortgage Capital	19,049	3.62	51	-14.7	5.3	6.2	Bank of America	42,359	4.64	133	-12.3	6.5	7.4

Highlighted row is the servicer closest to their comparison speed
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Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Fixed 15yr, In-the-money

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Fifth Third	129	6.20	19	30.1	27.8	22.1	United Shore (Retained)	3,534	5.99	13	36.9	43.9	34.2	United Shore (Retained)	2,409	6.11	14	31.5	39.2	31.3
2	United Shore (Retained)	4,032	5.99	13	30.0	38.3	30.9	Provident Funding	155	5.88	20	27.6	31.1	25.2	Rocket	2,688	6.27	18	28.0	26.7	21.5
3	Chase	1,923	6.13	16	25.1	28.8	23.8	Rocket	3,820	6.17	18	23.3	26.4	22.0	Provident Funding	105	5.96	19	26.6	29.2	23.8
4	Provident Funding	165	5.86	20	22.5	29.5	24.8	loanDepot.com	623	6.16	18	13.9	26.3	23.5	loanDepot.com	483	6.24	18	14.8	25.5	22.6
5	United Shore (->Nationstar)	140	6.34	23	19.1	26.4	22.7	United Shore (->Lakeview)	560	6.32	25	12.7	32.2	29.1	United Shore (->Lakeview)	304	6.31	25	13.3	31.3	28.2
6	Guaranteed Rate	384	6.01	10	14.7	28.5	25.3	Fifth Third	119	6.22	19	10.7	26.5	24.3	Guaranteed Rate	216	6.12	10	7.6	26.5	24.8
7	Fairway	189	6.06	9	13.6	25.8	23.1	Freedom Mortgage	363	6.12	23	10.2	27.8	25.5	Chase	1,268	6.26	16	7.4	24.3	22.8
8	Nexus Nova	325	5.98	14	13.0	33.6	30.3	Guaranteed Rate	321	6.04	10	9.3	28.7	26.6	Fairway	85	6.12	9	6.3	26.2	24.8
9	Rocket	4,517	6.15	19	11.2	24.0	21.9	Fairway	142	6.09	9	9.3	27.8	25.7	Fifth Third	93	6.30	18	6.3	23.8	22.5
10	Planet Home Lending	121	5.99	19	11.1	29.0	26.5	Nexus Nova	251	6.01	15	9.2	30.8	28.6	Nexus Nova	159	6.09	16	6.1	28.0	26.7
11	loanDepot.com	655	6.14	19	11.1	24.2	22.1	Planet Home Lending	115	6.03	18	7.9	32.4	30.4	Pentagon Federal Credit Unio	75	6.24	17	4.0	22.0	21.2
12	Freedom Mortgage	383	6.11	24	8.7	26.7	24.9	Chase	1,755	6.15	16	6.9	25.3	23.9	Two Harbors	161	6.10	12	3.8	31.2	30.2
13	Union Home Mortgage	192	6.16	13	3.6	25.9	25.1	Two Harbors	275	6.05	11	2.9	32.8	32.1	Freedom Mortgage	262	6.20	21	2.1	24.5	24.1
14	Lakeview	1,963	6.11	19	1.7	25.5	25.1	United Shore (->Nationstar)	181	6.35	22	1.8	27.0	26.5	Lakeview	1,366	6.25	18	1.5	25.5	25.2
15	United Shore (->Lakeview)	532	6.31	27	1.7	26.8	26.4	Lakeview	1,781	6.13	19	-0.8	26.4	26.6	United Shore (->Nationstar)	178	6.48	19	-0.1	24.6	24.6
16	PennyMac	1,760	6.06	18	0.8	28.5	28.3	Union Home Mortgage	159	6.20	14	-0.9	25.4	25.6	Union Home Mortgage	114	6.31	14	-1.6	23.9	24.2
17	Two Harbors	268	6.03	13	-2.9	28.3	29.1	PennyMac	1,670	6.08	18	-4.6	28.9	30.1	PennyMac	1,245	6.18	17	-3.2	27.1	27.9
18	Guild Mortgage	249	6.20	16	-6.1	25.7	27.2	Pentagon Federal Credit Unio	101	6.13	18	-7.3	20.2	21.6	Planet Home Lending	79	6.15	16	-4.9	28.3	29.5
19	NBKC Bank	109	5.84	9	-6.8	22.9	24.4	New American Funding	181	6.16	18	-7.9	21.1	22.7	CMG Mortgage	115	6.32	14	-5.9	24.9	26.2
20	Onslow Bay	169	6.10	19	-7.6	23.9	25.6	Nationstar	1,873	6.13	20	-8.1	21.6	23.3	AmeriHome Mortgage	484	6.12	10	-6.3	27.6	29.2
21	New Residential	3,193	6.19	17	-7.9	24.8	26.7	Onslow Bay	157	6.13	18	-8.4	24.1	26.0	Onslow Bay	111	6.20	17	-6.5	23.6	25.0
22	Pentagon Federal Credit Unio	112	6.10	18	-8.2	18.3	19.8	Guild Mortgage	220	6.23	16	-9.4	25.6	27.9	New Residential	2,224	6.29	16	-6.9	24.6	26.2
23	New American Funding	197	6.15	18	-8.4	20.6	22.3	New Residential	2,965	6.20	17	-9.5	25.9	28.2	New American Funding	145	6.22	17	-7.2	19.8	21.2
24	U.S. Bank	634	6.10	18	-9.5	21.9	23.9	AmeriHome Mortgage	805	6.07	10	-10.8	27.4	30.2	Nationstar	1,520	6.24	19	-8.5	20.3	21.9
25	PHH Mortgage	255	6.17	15	-9.9	29.1	31.7	PHH Mortgage	230	6.15	14	-11.1	28.4	31.3	PHH Mortgage	162	6.20	14	-10.0	25.5	27.9
26	CMG Mortgage	146	6.22	15	-10.1	24.6	26.9	Movement Mortgage	97	6.07	9	-11.6	23.2	25.8	Guild Mortgage	170	6.32	16	-12.2	23.1	25.9
27	AmeriHome Mortgage	1,013	6.05	10	-11.3	26.3	29.1	PNC Mortgage	311	6.11	18	-13.0	20.0	22.7	PNC Mortgage	234	6.21	17	-14.5	19.0	21.9
28	Nationstar	1,617	6.12	20	-11.4	19.7	21.9	Keybank	100	6.14	15	-13.6	18.5	21.1	Smaller Servicers	4,051	6.27	16	-16.3	19.3	22.7
29	PNC Mortgage	342	6.08	18	-11.7	19.7	22.1	Amerisave Mortgage	196	6.19	20	-16.8	16.7	19.7	GUIDANCE RESIDENTIAL LLC	114	6.49	14	-17.1	26.9	31.6
30	GUIDANCE RESIDENTIAL LLC	170	6.34	14	-13.6	28.7	32.5	Smaller Servicers	5,225	6.19	16	-17.9	20.4	24.3	Keybank	73	6.23	15	-17.6	17.1	20.4
31	CrossCountry Mortgage	786	6.07	12	-14.4	25.8	29.5	CMG Mortgage	131	6.23	15	-17.9	24.8	29.5	U.S. Bank	426	6.21	17	-17.7	20.0	23.8
32	Smaller Servicers	5,836	6.16	16	-15.7	20.3	23.7	Truist Bank	1,022	6.07	17	-18.9	22.9	27.5	Amerisave Mortgage	151	6.27	18	-17.9	16.0	19.2
33	Truist Bank	1,098	6.05	17	-16.6	21.9	25.7	CrossCountry Mortgage	651	6.09	11	-20.1	25.1	30.4	Lake Michigan Credit Union	80	6.13	15	-17.9	17.7	21.1
34	Bank of America	249	6.12	20	-19.9	17.7	21.7	U.S. Bank	579	6.12	17	-20.7	20.1	24.7	Truist Bank	764	6.15	16	-18.2	21.4	25.5
35	Amerisave Mortgage	207	6.19	20	-20.2	15.6	19.2	Lake Michigan Credit Union	109	6.03	16	-21.3	17.7	22.0	CrossCountry Mortgage	407	6.16	12	-19.6	23.6	28.5
36	Wells Fargo	1,163	6.13	17	-22.4	17.8	22.4	GUIDANCE RESIDENTIAL LLC	145	6.39	14	-22.1	27.0	33.3	Bell Bank	69	6.31	15	-21.8	19.8	24.7
37	Citizens Bank	479	6.10	18	-25.0	18.5	24.0	Citi	285	6.21	18	-26.4	20.8	27.2	Citi	225	6.32	17	-22.5	19.7	24.7
38	UIF CORPORATION	109	6.33	17	-25.6	23.5	30.4	Bank of America	227	6.15	20	-26.9	16.8	22.3	Huntington National Bank	185	6.28	16	-22.6	16.7	21.1
39	Citi	303	6.19	18	-26.2	19.3	25.3	Wells Fargo	1,062	6.14	17	-27.9	16.8	22.6	Arvest Mortgage	99	6.29	16	-22.6	18.9	23.7
40	Lake Michigan Credit Union	125	6.00	15	-28.9	15.7	21.4	UIF CORPORATION	98	6.37	17	-29.0	21.7	29.2	UIF CORPORATION	82	6.45	16	-24.8	20.1	25.9
41	Arvest Mortgage	135	6.16	17	-29.8	18.3	25.1	Arvest Mortgage	127	6.19	17	-32.2	18.3	25.8	Wells Fargo	783	6.24	16	-26.4	16.5	21.7
42	Regions Bank	137	6.12	20	-31.6	15.5	21.9	Regions Bank	128	6.15	19	-32.8	15.3	22.0	Citizens Bank	314	6.22	17	-27.7	17.1	23.0
43	Navy Federal Credit Union	186	5.90	15	-33.3	15.5	22.4	Citizens Bank	435	6.12	18	-33.1	17.0	24.4	Navy Federal Credit Union	116	6.03	15	-29.0	15.5	21.2
44	Keybank	115	6.12	15	-38.0	12.7	19.8	Huntington National Bank	248	6.19	17	-34.8	14.7	21.7	Regions Bank	100	6.24	18	-30.3	15.2	21.2
45	Huntington National Bank	282	6.16	16	-48.2	12.1	22.2	Navy Federal Credit Union	161	5.94	15	-36.5	14.6	22.0	Bank of America	175	6.26	20	-31.2	15.3	21.5

Highlighted row is the servicer closest to their comparison speed
 Data is sorted on the contents of the highlighted column

Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Fixed 15yr, Out-of-the-money

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Nexus Nova	2,098	2.84	54	15.9	7.0	6.0	Rocket	45,561	2.81	61	13.2	6.9	6.1	Colonial Savings	1,359	2.70	62	14.8	7.9	6.9
2	New American Funding	2,742	2.67	59	14.4	6.2	5.4	Nexus Nova	2,111	2.81	53	13.2	6.8	6.0	Rocket	44,573	2.85	57	14.3	7.4	6.5
3	Arvest Mortgage	1,183	2.94	79	13.9	7.7	6.8	New American Funding	2,800	2.67	58	11.8	6.4	5.7	New American Funding	2,938	2.69	55	11.5	6.7	6.1
4	Bank of America	3,509	3.37	110	13.1	9.8	8.7	Amerisave Mortgage	1,519	2.79	45	11.1	6.5	5.9	Nexus Nova	2,186	2.80	51	7.1	6.8	6.4
5	Rocket	51,257	2.80	62	11.3	6.5	5.9	Arvest Mortgage	1,236	2.95	77	10.2	7.7	7.0	Pingora Loan Servicing	2,039	3.13	75	6.6	8.2	7.7
6	loanDepot.com	9,417	2.47	55	8.2	5.0	4.6	Pingora Loan Servicing	1,902	3.13	78	6.8	7.7	7.3	Arvest Mortgage	1,333	2.99	74	5.2	7.8	7.5
7	Regions Bank	3,110	2.75	66	8.1	6.6	6.1	Bank of America	3,676	3.37	110	6.7	9.4	8.8	United Shore (Retained)	13,992	2.98	44	4.3	6.7	6.4
8	Pingora Loan Servicing	1,795	3.12	79	5.8	7.5	7.1	United Shore (Retained)	12,012	2.95	47	6.4	6.6	6.2	Bank of America	4,059	3.39	108	3.3	9.6	9.3
9	Amerisave Mortgage	1,491	2.79	47	4.6	5.8	5.6	loanDepot.com	9,591	2.48	53	5.7	5.1	4.8	MSR Asset Vehicle	2,487	2.64	52	2.5	5.9	5.8
10	Wells Fargo	37,851	2.90	73	4.3	6.8	6.6	Regions Bank	3,188	2.75	65	4.9	6.6	6.3	Chase	48,201	2.78	62	2.4	6.5	6.3
11	Truist Bank	16,301	2.84	70	3.9	6.3	6.1	Wells Fargo	38,980	2.90	72	2.5	6.9	6.8	PennyMac	14,728	2.84	54	2.0	6.5	6.4
12	Chase	44,812	2.76	65	3.6	6.0	5.8	Guild Mortgage	2,264	2.90	60	2.3	6.6	6.4	Freedom Mortgage	23,899	2.60	59	1.8	5.9	5.8
13	United Shore (Retained)	11,891	2.96	48	3.2	6.1	5.9	Chase	45,810	2.76	64	2.3	6.1	6.0	BOK Financial	1,990	2.81	65	1.6	7.0	6.9
14	Freedom Mortgage	23,741	2.58	62	1.3	5.3	5.2	Seneca Mortgage	3,260	2.68	58	1.5	5.8	5.7	Wells Fargo	41,428	2.92	71	1.6	7.3	7.1
15	Guild Mortgage	2,216	2.90	61	0.4	6.2	6.2	U.S. Bank	10,560	2.89	69	1.1	6.5	6.5	Guild Mortgage	2,392	2.93	57	1.6	6.9	6.8
16	U.S. Bank	10,280	2.89	70	0.3	6.3	6.2	Truist Bank	16,705	2.84	69	0.9	6.3	6.3	CMG Mortgage	3,298	2.54	52	1.4	5.3	5.2
17	Seneca Mortgage	3,226	2.67	59	-0.1	5.5	5.5	Freedom Mortgage	23,899	2.59	61	0.2	5.4	5.4	U.S. Bank	11,226	2.92	67	1.2	6.9	6.9
18	Citi	2,311	3.03	78	-0.2	6.6	6.6	Two Harbors	11,753	2.65	66	0.2	5.8	5.8	Two Harbors	12,905	2.65	63	0.9	6.1	6.1
19	Two Harbors	10,214	2.65	69	-0.2	5.6	5.6	Union Savings Bank	1,742	2.80	70	-0.2	6.6	6.6	Amerisave Mortgage	1,603	2.85	42	0.9	6.5	6.5
20	BSI Financial	1,093	2.60	61	-1.0	4.9	5.0	CMG Mortgage	3,155	2.51	55	-1.6	4.8	4.9	Regions Bank	3,357	2.77	63	0.9	6.9	6.8
21	New Residential	24,074	2.97	71	-1.6	6.6	6.7	PennyMac	13,600	2.79	58	-1.7	5.8	5.9	Seneca Mortgage	2,827	2.67	55	0.7	6.0	5.9
22	Nationstar	26,823	2.78	61	-2.4	5.8	5.9	First Bank	1,192	2.72	62	-1.8	5.7	5.8	loanDepot.com	10,011	2.50	50	0.5	5.2	5.2
23	First Bank	1,168	2.72	63	-2.7	5.4	5.5	Keybank	1,256	2.83	63	-2.1	6.1	6.2	PHH Mortgage	7,397	2.76	61	-0.5	6.2	6.2
24	Keybank	1,227	2.83	64	-2.8	5.9	6.0	New Residential	24,686	2.97	70	-2.4	6.7	6.8	Nationstar	39,643	2.81	57	-1.4	6.4	6.5
25	Union Savings Bank	1,694	2.80	71	-3.2	6.2	6.4	American Internet Mortgage	1,296	2.69	66	-2.4	5.6	5.7	Truist Bank	17,682	2.87	66	-1.7	6.6	6.7
26	Fifth Third	6,635	2.77	68	-3.5	5.8	6.0	MSR Asset Vehicle	2,390	2.64	55	-2.6	5.3	5.4	Union Savings Bank	1,845	2.82	67	-2.9	6.8	7.0
27	PennyMac	12,730	2.80	60	-3.5	5.6	5.8	Smaller Servicers	91,791	2.81	65	-2.8	6.3	6.4	New Residential	26,088	3.01	68	-2.9	7.0	7.3
28	Onslow Bay	11,206	2.48	56	-3.8	4.3	4.5	Citi	2,376	3.04	77	-2.9	6.6	6.8	Citi	2,549	3.09	74	-3.5	7.0	7.3
29	Smaller Servicers	88,594	2.81	66	-4.3	6.0	6.2	BSI Financial	1,142	2.60	59	-3.6	5.2	5.4	Smaller Servicers	99,555	2.83	62	-3.9	6.5	6.8
30	BOK Financial	1,853	2.79	69	-4.4	6.0	6.3	Nationstar	34,257	2.78	60	-3.6	5.9	6.1	Fifth Third	7,144	2.78	64	-3.9	6.3	6.5
31	United Shore (Sold)	8,954	2.63	63	-5.0	5.3	5.6	FHLB Chicago	3,120	2.61	66	-3.6	6.1	6.4	Onslow Bay	10,042	2.45	51	-4.0	4.6	4.8
32	United Shore (->Two Harbors)	2,935	2.33	58	-5.1	4.3	4.6	Onslow Bay	10,304	2.46	54	-3.7	4.4	4.6	Huntington National Bank	2,844	2.98	64	-4.2	7.2	7.5
33	Huntington National Bank	2,610	2.95	67	-5.9	6.5	6.9	PHH Mortgage	7,009	2.74	64	-4.2	5.6	5.9	FHLB Chicago	3,274	2.62	63	-4.6	6.4	6.7
34	MSR Asset Vehicle	2,346	2.64	57	-6.0	4.9	5.2	BOK Financial	1,899	2.79	68	-4.4	6.2	6.5	Marlin Mortgage Capital	1,298	2.64	52	-5.1	5.3	5.6
35	CMG Mortgage	3,100	2.51	57	-6.7	4.4	4.7	Fifth Third	6,797	2.77	66	-4.4	5.9	6.2	Lakeview	12,973	2.92	50	-5.1	6.0	6.3
36	PHH Mortgage	6,599	2.74	65	-7.3	5.2	5.6	Huntington National Bank	2,683	2.95	66	-4.4	6.8	7.1	PNC Mortgage	20,085	2.71	65	-5.5	6.1	6.5
37	Provident Funding	4,863	2.68	75	-7.4	5.4	5.8	United Shore (->Two Harbors)	2,987	2.33	57	-5.6	4.5	4.8	Keybank	1,322	2.85	60	-5.8	6.2	6.6
38	Lakeview	12,101	2.86	54	-8.0	5.2	5.6	United Shore (Sold)	9,078	2.62	61	-5.7	5.4	5.7	United Shore (Sold)	8,155	2.64	60	-5.9	5.7	6.0
39	FHLB Chicago	3,043	2.61	67	-8.1	5.6	6.1	PNC Mortgage	19,274	2.70	67	-7.4	5.7	6.1	CrossCountry Mortgage	4,835	2.67	53	-6.7	5.4	5.8
40	CrossCountry Mortgage	6,605	2.64	58	-8.5	4.8	5.2	Provident Funding	4,964	2.69	74	-8.5	5.6	6.1	United Shore (->Two Harbors)	3,099	2.34	54	-7.0	4.8	5.2
41	PNC Mortgage	19,107	2.69	68	-8.7	5.4	5.9	Lakeview	12,283	2.86	53	-9.0	5.3	5.8	American Internet Mortgage	1,352	2.68	64	-8.0	5.6	6.1
42	American Internet Mortgage	1,269	2.69	67	-10.8	4.8	5.4	CrossCountry Mortgage	5,384	2.65	56	-9.5	4.9	5.4	Citizens Bank	9,543	2.79	62	-9.1	6.1	6.7
43	Citizens Bank	8,857	2.77	67	-12.4	5.4	6.2	Citizens Bank	9,070	2.77	65	-10.2	5.7	6.4	Provident Funding	4,908	2.75	73	-10.3	5.9	6.6
44	PAM MSR Trust I	1,533	2.44	60	-18.6	4.1	5.0	Carrington	1,550	2.90	58	-10.5	6.1	6.8	Carrington	1,623	2.92	55	-11.6	6.3	7.1
45	Carrington	1,517	2.90	60	-19.4	5.3	6.6	PAM MSR Trust I	1,600	2.45	59	-17.9	4.2	5.1	PAM MSR Trust I	1,691	2.47	56	-13.3	4.8	5.5

Highlighted row is the servicer closest to their comparison speed
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Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Fixed 15yr, Total

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	United Shore (Retained)	15,923	3.73	39	21.1	15.5	12.9	United Shore (Retained)	15,545	3.64	39	26.4	16.7	13.4	United Shore (Retained)	16,400	3.44	39	17.7	12.3	10.5
2	Nexus Nova	2,423	3.26	49	14.5	11.0	9.7	Rocket	49,381	3.07	57	15.7	8.6	7.4	Rocket	47,261	3.04	55	16.8	8.6	7.4
3	Rocket	55,775	3.07	58	11.3	8.1	7.3	Nexus Nova	2,363	3.15	49	11.6	9.7	8.7	Colonial Savings	1,363	2.71	62	14.1	7.9	6.9
4	loanDepot.com	10,072	2.71	53	9.0	6.3	5.8	loanDepot.com	10,214	2.70	51	7.8	6.6	6.1	New American Funding	3,083	2.86	53	8.6	7.4	6.8
5	New American Funding	2,940	2.90	57	8.9	7.2	6.7	New American Funding	2,981	2.88	55	7.4	7.3	6.8	Nexus Nova	2,345	3.03	48	6.8	8.4	7.9
6	Bank of America	3,758	3.55	104	7.8	10.3	9.6	Pingora Loan Servicing	1,921	3.16	77	5.2	7.8	7.4	Pingora Loan Servicing	2,053	3.16	75	5.6	8.2	7.8
7	Chase	46,735	2.90	63	7.1	7.0	6.6	Union Savings Bank	1,814	2.93	67	4.2	7.6	7.3	loanDepot.com	10,493	2.68	49	3.1	6.3	6.1
8	Pingora Loan Servicing	1,816	3.16	79	5.0	7.7	7.3	Chase	47,565	2.89	63	3.0	6.9	6.7	Union Savings Bank	1,903	2.92	65	3.1	7.7	7.5
9	Union Savings Bank	1,768	2.94	68	4.7	7.4	7.1	Amerisave Mortgage	1,715	3.18	42	2.2	7.7	7.6	Chase	49,469	2.87	61	2.9	7.0	6.8
10	Regions Bank	3,248	2.89	64	2.3	7.0	6.8	Planet Home Lending	1,209	3.31	50	1.9	9.4	9.2	MSR Asset Vehicle	2,491	2.65	52	2.4	5.9	5.8
11	Freedom Mortgage	24,124	2.64	62	1.9	5.6	5.5	Bank of America	3,903	3.54	104	1.8	9.9	9.7	Freedom Mortgage	24,160	2.64	58	1.8	6.1	6.0
12	Wells Fargo	39,014	2.99	72	1.5	7.2	7.1	American Internet Mortgage	1,335	2.78	64	1.2	6.5	6.4	Two Harbors	13,066	2.70	63	1.1	6.5	6.4
13	Arvest Mortgage	1,318	3.28	72	0.0	8.9	8.9	Freedom Mortgage	24,263	2.64	60	1.0	5.8	5.7	PennyMac	15,972	3.10	51	0.5	8.3	8.3
14	Two Harbors	10,482	2.74	67	-0.6	6.2	6.3	Two Harbors	12,028	2.73	65	0.5	6.5	6.5	CMG Mortgage	3,413	2.67	51	0.2	6.0	6.0
15	Truist Bank	17,399	3.04	67	-1.1	7.4	7.5	Regions Bank	3,316	2.88	63	-0.0	7.0	7.0	Wells Fargo	42,210	2.98	70	-0.0	7.4	7.4
16	Fifth Third	6,764	2.83	67	-1.1	6.3	6.3	Wells Fargo	40,042	2.99	71	-0.3	7.2	7.2	Bank of America	4,234	3.51	104	-0.1	9.9	9.9
17	PennyMac	14,490	3.20	54	-1.6	8.7	8.8	Seneca Mortgage	3,320	2.74	57	-1.3	6.1	6.1	Arvest Mortgage	1,432	3.21	70	-0.5	8.6	8.7
18	U.S. Bank	10,914	3.07	67	-1.7	7.2	7.4	Guild Mortgage	2,484	3.20	56	-1.4	8.4	8.5	Seneca Mortgage	2,878	2.73	54	-0.6	6.3	6.3
19	Guild Mortgage	2,464	3.24	57	-1.9	8.4	8.6	Arvest Mortgage	1,363	3.25	72	-2.4	8.7	8.9	BOK Financial	2,031	2.88	64	-1.1	7.2	7.3
20	American Internet Mortgage	1,316	2.81	65	-2.3	6.0	6.2	MSR Asset Vehicle	2,395	2.65	55	-2.5	5.3	5.4	U.S. Bank	11,652	3.04	65	-1.1	7.5	7.5
21	Seneca Mortgage	3,287	2.74	59	-2.5	5.8	5.9	PennyMac	15,270	3.15	54	-2.9	8.6	8.9	PHH Mortgage	7,558	2.83	60	-1.5	6.6	6.7
22	Provident Funding	5,028	2.79	73	-3.3	6.3	6.5	U.S. Bank	11,139	3.06	67	-3.0	7.3	7.5	Guild Mortgage	2,562	3.16	54	-1.6	8.1	8.2
23	Lakeview	14,064	3.32	49	-3.7	8.3	8.6	Fifth Third	6,916	2.83	66	-3.3	6.3	6.5	Regions Bank	3,457	2.87	61	-2.0	7.1	7.2
24	Amerisave Mortgage	1,698	3.21	43	-3.8	7.1	7.3	Truist Bank	17,726	3.03	66	-3.7	7.4	7.6	Nationstar	41,163	2.94	56	-2.3	7.0	7.1
25	New Residential	27,267	3.35	65	-3.9	8.9	9.3	Provident Funding	5,119	2.78	72	-3.9	6.5	6.7	Lakeview	14,339	3.24	47	-3.0	8.0	8.3
26	Onslow Bay	11,376	2.53	55	-4.1	4.7	4.9	Onslow Bay	10,460	2.52	54	-4.1	4.8	5.0	Fifth Third	7,237	2.83	63	-3.4	6.5	6.8
27	Nationstar	28,440	2.97	59	-4.2	6.7	6.9	Nationstar	36,130	2.95	58	-4.4	6.8	7.1	Amerisave Mortgage	1,755	3.15	40	-3.4	7.4	7.6
28	United Shore (Sold)	9,024	2.66	62	-4.9	5.4	5.7	First Bank	1,212	2.78	61	-4.5	5.8	6.1	New Residential	28,312	3.27	64	-3.9	8.6	8.9
29	United Shore (->Two Harbors)	2,935	2.33	58	-5.1	4.3	4.6	FHLB Chicago	3,163	2.66	65	-4.5	6.3	6.6	Marlin Mortgage Capital	1,314	2.69	51	-4.1	5.6	5.9
30	MSR Asset Vehicle	2,352	2.65	57	-5.8	4.9	5.2	Keybank	1,355	3.07	59	-4.7	7.1	7.4	Onslow Bay	10,152	2.50	51	-4.2	4.9	5.1
31	Smaller Servicers	97,043	3.06	62	-6.4	7.3	7.8	New Residential	27,652	3.32	65	-5.0	8.9	9.4	Truist Bank	18,446	3.01	64	-4.3	7.2	7.5
32	CMG Mortgage	3,246	2.68	55	-7.5	5.4	5.8	CMG Mortgage	3,286	2.66	54	-5.3	5.7	6.0	American Internet Mortgage	1,378	2.75	63	-4.8	6.2	6.5
33	FHLB Chicago	3,090	2.66	66	-7.7	5.9	6.4	PHH Mortgage	7,239	2.85	62	-5.4	6.5	6.8	FHLB Chicago	3,309	2.66	62	-4.9	6.5	6.8
34	PHH Mortgage	6,854	2.87	63	-7.9	6.2	6.8	Lakeview	14,064	3.27	49	-5.5	8.3	8.7	Smaller Servicers	105,276	3.02	59	-5.4	7.4	7.8
35	First Bank	1,191	2.78	63	-8.0	5.4	5.9	Smaller Servicers	99,519	3.06	61	-5.5	7.6	8.1	PNC Mortgage	20,319	2.75	64	-5.9	6.3	6.7
36	BOK Financial	1,909	2.89	68	-8.2	6.4	6.9	United Shore (->Two Harbors)	2,987	2.33	57	-5.6	4.5	4.8	United Shore (Sold)	8,173	2.64	59	-5.9	5.7	6.0
37	PNC Mortgage	19,448	2.75	68	-8.9	5.7	6.2	United Shore (Sold)	9,114	2.64	61	-5.6	5.5	5.8	United Shore (->Two Harbors)	3,099	2.34	54	-7.0	4.8	5.2
38	AmeriHome Mortgage	1,374	5.75	13	-9.3	23.1	25.1	BOK Financial	1,951	2.89	67	-7.7	6.6	7.1	Huntington National Bank	3,030	3.18	61	-7.2	7.8	8.4
39	Citi	2,614	3.40	71	-9.5	8.2	9.0	PNC Mortgage	19,584	2.75	67	-7.8	5.9	6.4	Provident Funding	5,014	2.82	72	-7.4	6.5	7.0
40	CrossCountry Mortgage	7,391	3.00	53	-11.1	7.3	8.1	Citi	2,661	3.38	71	-11.1	8.2	9.2	Keybank	1,395	3.03	58	-7.6	6.8	7.3
41	Keybank	1,342	3.11	60	-11.5	6.5	7.3	Carrington	1,601	3.01	57	-11.1	6.4	7.2	Citi	2,774	3.35	70	-8.2	8.1	8.8
42	Citizens Bank	9,336	2.94	64	-14.8	6.2	7.2	Huntington National Bank	2,931	3.23	62	-11.5	7.5	8.5	CrossCountry Mortgage	5,242	2.94	50	-10.8	6.9	7.7
43	Huntington National Bank	2,892	3.26	62	-17.5	7.0	8.5	Citizens Bank	9,505	2.93	63	-14.0	6.3	7.3	Citizens Bank	9,856	2.90	61	-11.1	6.5	7.3
44	PAM MSR Trust I	1,558	2.50	60	-18.2	4.3	5.2	CrossCountry Mortgage	6,036	3.02	51	-14.1	7.3	8.5	PAM MSR Trust I	1,711	2.51	55	-11.8	5.0	5.7
45	Carrington	1,575	3.01	58	-18.8	5.7	7.0	PAM MSR Trust I	1,626	2.50	58	-14.3	4.7	5.4	Carrington	1,660	3.00	54	-12.8	6.4	7.3

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Fixed 20yr, In-the-money

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	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Old National Bank	37	6.41	16	72.9	37.5	23.6	M&T Bank	29	6.46	19	59.1	38.5	26.2	Provident Funding	23	6.66	19	39.8	52.5	41.0
2	Wintrust Mortgage	39	6.52	18	59.0	36.3	24.6	Wintrust Mortgage	39	6.56	18	40.7	37.7	28.4	Rocket	1,425	6.74	16	39.2	32.3	24.3
3	UNIVERSITY OF WISCONSIN CRED	43	6.36	16	47.8	35.6	25.6	UNIVERSITY OF WISCONSIN CRED	37	6.40	16	38.0	37.6	28.8	UNIVERSITY OF WISCONSIN CRED	24	6.51	16	34.2	35.0	27.4
4	SOFI BANK NATIONAL ASSOCIATI	42	6.52	15	41.8	34.6	25.7	Rocket	1,845	6.64	17	37.7	33.3	25.3	Old National Bank	20	6.53	15	31.5	33.3	26.4
5	Fairway	32	6.45	9	37.9	36.2	27.7	Provident Funding	31	6.57	19	30.1	46.1	37.7	Seneca Mortgage	21	6.62	21	27.8	35.5	28.9
6	Two Harbors	59	6.65	15	36.0	33.7	26.0	Seneca Mortgage	33	6.54	22	26.9	38.0	31.3	Wintrust Mortgage	28	6.66	17	18.6	31.1	26.9
7	CrossCountry Mortgage	235	6.50	18	32.1	33.3	26.3	Old National Bank	33	6.46	15	19.5	32.0	27.5	United Shore (->Lakeview)	71	6.46	21	16.0	31.3	27.6
8	Rocket	2,086	6.60	17	30.1	28.0	22.3	CrossCountry Mortgage	210	6.54	17	16.8	32.5	28.5	AmeriHome Mortgage	85	6.52	9	13.6	35.3	31.8
9	Freedom Mortgage	526	6.50	18	25.6	34.7	28.7	Two Harbors	58	6.68	15	16.6	35.6	31.4	Onslow Bay	43	6.53	15	12.7	34.3	31.1
10	PennyMac	279	6.44	17	8.2	29.7	27.7	United Shore (->Lakeview)	142	6.46	21	16.0	31.3	27.6	loanDepot.com	77	6.83	20	12.4	26.1	23.6
11	Truist Bank	101	6.42	17	7.9	22.3	20.8	SOFI BANK NATIONAL ASSOCIATI	38	6.54	14	15.5	31.8	28.2	Two Harbors	39	6.77	15	12.4	31.8	28.8
12	AmeriHome Mortgage	165	6.40	9	7.8	35.3	33.2	AmeriHome Mortgage	130	6.44	8	13.9	39.9	36.0	SOFI BANK NATIONAL ASSOCIATI	25	6.62	14	11.0	29.3	26.8
13	loanDepot.com	94	6.69	23	7.5	20.6	19.3	Onslow Bay	70	6.46	15	13.8	36.8	33.1	CMG Mortgage	91	6.63	14	9.9	30.7	28.3
14	Onslow Bay	80	6.42	16	6.2	31.7	30.1	Freedom Mortgage	483	6.53	17	13.8	35.7	32.1	Freedom Mortgage	324	6.61	16	9.8	32.9	30.4
15	United Shore (->Lakeview)	147	6.44	23	4.9	26.4	25.3	Guild Mortgage	80	6.55	17	9.9	31.7	29.3	Bell Bank	30	6.50	13	7.3	28.5	26.9
16	Citi	122	6.41	17	4.1	27.1	26.2	PNC Mortgage	79	6.56	18	8.1	26.4	24.7	Planet Home Lending	20	6.70	18	6.0	26.1	24.8
17	PHH Mortgage	114	6.59	14	3.0	30.8	30.1	Union Home Mortgage	167	6.46	13	7.2	32.3	30.5	Guild Mortgage	61	6.64	16	5.4	28.1	26.9
18	Lakeview	563	6.54	19	2.9	28.6	27.9	Bell Bank	47	6.42	14	7.1	29.8	28.1	Lakeview	389	6.69	17	4.9	29.5	28.3
19	Guild Mortgage	86	6.51	18	2.8	28.0	27.4	loanDepot.com	90	6.73	22	6.6	25.2	23.8	Union Home Mortgage	108	6.55	13	4.7	29.3	28.2
20	Union Home Mortgage	194	6.42	13	0.5	25.7	25.6	CMG Mortgage	118	6.52	15	6.1	31.2	29.7	CrossCountry Mortgage	147	6.63	16	3.9	27.0	26.1
21	New Residential	775	6.46	16	-1.1	27.1	27.3	Citi	108	6.46	16	4.8	29.4	28.3	PHH Mortgage	65	6.72	14	-0.5	29.3	29.5
22	New American Funding	61	6.78	18	-6.3	19.0	20.2	Lakeview	510	6.58	18	4.3	31.1	30.0	PNC Mortgage	54	6.67	18	-0.8	23.5	23.7
23	United Shore (Retained)	225	6.51	16	-6.6	23.4	24.8	United Shore (Retained)	184	6.55	16	2.9	30.0	29.3	United Shore (Retained)	157	6.67	17	-3.4	26.3	27.1
24	Citizens Bank	59	6.62	19	-8.0	23.7	25.5	PHH Mortgage	99	6.64	14	-1.2	31.1	31.4	PennyMac	164	6.58	17	-3.7	28.0	28.9
25	CMG Mortgage	132	6.48	15	-8.2	26.2	28.2	Nexus Nova	101	6.40	18	-4.2	27.5	28.5	Nexus Nova	54	6.43	18	-4.2	27.1	28.1
26	Bell Bank	54	6.37	14	-12.7	22.4	25.3	PennyMac	244	6.49	17	-4.3	28.8	29.9	Citi	72	6.55	16	-4.5	26.5	27.6
27	Chase	386	6.51	18	-14.7	18.9	21.8	Lake Michigan Credit Union	29	6.33	15	-9.0	22.0	23.9	U.S. Bank	356	6.48	16	-11.3	27.4	30.4
28	PNC Mortgage	88	6.52	19	-16.2	18.8	22.0	Truist Bank	88	6.46	16	-11.1	23.2	25.7	New American Funding	46	6.89	17	-12.1	18.3	20.6
29	U.S. Bank	560	6.35	17	-17.5	22.9	27.1	Citizens Bank	54	6.66	19	-11.5	21.9	24.4	New Residential	463	6.60	16	-12.9	24.9	28.1
30	Smaller Servicers	2,412	6.50	18	-17.5	20.5	24.4	New Residential	672	6.50	16	-12.0	27.0	30.1	Bank of America	19	6.73	39	-14.0	19.3	22.1
31	Nationstar	234	6.59	23	-17.7	18.0	21.4	U.S. Bank	523	6.40	16	-14.3	28.7	32.6	Chase	209	6.66	18	-14.4	20.1	23.1
32	Nexus Nova	165	6.38	18	-18.5	23.7	28.3	Chase	325	6.55	18	-17.2	20.3	24.0	Keybank	36	6.62	15	-16.1	20.4	23.9
33	Seneca Mortgage	36	6.50	23	-20.0	25.6	30.9	Nationstar	256	6.61	23	-17.8	21.4	25.5	Truist Bank	55	6.53	16	-20.4	20.4	25.0
34	Huntington National Bank	73	6.37	15	-21.0	20.2	24.9	Smaller Servicers	2,168	6.54	17	-18.6	22.5	26.9	Smaller Servicers	1,502	6.63	16	-20.5	21.0	25.7
35	Regions Bank	32	6.44	19	-24.9	15.9	20.6	New American Funding	56	6.82	18	-20.8	18.0	22.2	Citizens Bank	40	6.78	18	-20.6	19.4	23.8
36	FIRST NATIONAL BANK OF PENNS	38	6.42	16	-25.5	19.3	25.0	Fifth Third	83	6.64	20	-29.2	17.1	23.3	Fifth Third	63	6.74	19	-21.9	18.6	23.2
37	Fifth Third	93	6.60	21	-32.2	14.2	20.3	Keybank	54	6.51	16	-31.7	18.0	25.2	Nationstar	202	6.71	23	-22.8	18.7	23.6
38	Carrington	37	6.53	19	-32.5	13.0	18.7	FIRST NATIONAL BANK OF PENNS	33	6.46	15	-35.2	18.7	27.4	Amerisave Mortgage	23	7.01	19	-30.1	17.3	23.8
39	Lake Michigan Credit Union	36	6.29	15	-33.0	15.6	22.4	Arvest Mortgage	39	6.59	18	-40.6	15.9	25.4	Huntington National Bank	37	6.48	15	-32.6	20.3	28.7
40	FIRST TECHNOLOGY FEDERAL CRE	36	6.33	16	-38.7	21.9	33.0	Huntington National Bank	60	6.40	15	-41.0	18.5	29.5	Arvest Mortgage	29	6.69	18	-33.3	16.6	24.0
41	Wells Fargo	281	6.63	22	-47.1	12.3	22.3	First United Bank	31	6.52	17	-41.8	16.7	27.1	Carrington	23	6.67	18	-38.7	13.8	21.7
42	Keybank	59	6.48	16	-49.3	11.1	20.8	Carrington	33	6.57	19	-43.7	12.2	20.7	FIRST NATIONAL BANK OF PENNS	21	6.54	15	-41.6	16.5	26.7
43	Boeing Credit Union	39	6.49	17	-53.0	17.8	34.3	FIRST TECHNOLOGY FEDERAL CRE	29	6.36	16	-44.0	22.7	37.1	Boeing Credit Union	23	6.59	15	-42.5	19.9	32.3
44	First United Bank	34	6.48	18	-58.9	8.9	20.3	Wells Fargo	258	6.67	21	-53.5	12.3	24.6	First United Bank	21	6.63	16	-46.8	14.4	25.5
45	Arvest Mortgage	43	6.54	18	-63.9	9.1	23.4	Boeing Credit Union	35	6.51	16	-55.3	16.8	33.9	Wells Fargo	203	6.78	21	-48.2	12.7	23.1

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1	Nexus Nova	1,245	3.47	50	20.6	7.5	6.2	Rocket	26,593	3.21	58	19.6	6.0	5.0	Rocket	26,134	3.22	55	18.8	6.2	5.3
2	Rocket	28,700	3.20	60	15.3	5.3	4.6	Union Home Mortgage	460	3.65	46	14.7	9.3	8.1	New American Funding	789	3.09	54	10.9	5.2	4.7
3	loanDepot.com	2,405	2.85	53	12.9	4.1	3.6	Sailfish Servicing	534	2.98	59	14.0	4.8	4.2	Regions Bank	1,134	3.21	63	6.5	5.9	5.5
4	Seneca Mortgage	1,032	3.11	61	10.2	4.8	4.3	United Shore (Retained)	1,994	3.46	44	10.6	8.1	7.3	Union Home Mortgage	510	3.74	43	6.5	7.8	7.4
5	American Internet Mortgage	502	2.99	67	7.9	4.5	4.1	Seneca Mortgage	1,009	3.12	59	7.8	5.0	4.6	Freedom Mortgage	6,430	3.19	58	5.7	5.6	5.3
6	United Shore (Retained)	1,954	3.44	46	7.4	6.5	6.0	Nexus Nova	974	3.40	51	6.9	6.6	6.2	United Shore (Retained)	2,792	3.38	42	5.5	6.3	6.0
7	Bank of America	2,131	4.03	141	7.3	7.9	7.4	loanDepot.com	2,438	2.85	52	6.8	4.3	4.1	loanDepot.com	2,512	2.87	49	3.6	4.6	4.4
8	New American Funding	751	3.06	59	3.7	4.1	4.0	MSR Asset Vehicle	1,050	2.94	56	5.2	4.2	4.0	Provident Funding	1,145	3.17	71	3.0	5.3	5.1
9	Truist Bank	6,406	3.16	78	3.6	4.8	4.6	Freedom Mortgage	6,416	3.13	61	3.1	5.1	4.9	Two Harbors	5,716	3.00	63	2.5	4.7	4.6
10	U.S. Bank	6,099	3.39	72	3.1	5.4	5.2	Lakeview	6,085	3.13	55	1.5	5.0	4.9	Truist Bank	6,805	3.19	75	2.2	5.3	5.2
11	United Shore (Sold)	4,444	2.91	60	2.9	3.7	3.6	PennyMac	7,583	3.00	58	1.3	4.5	4.5	MSR Asset Vehicle	1,077	2.94	53	2.0	4.5	4.4
12	Sailfish Servicing	491	2.98	61	2.6	3.8	3.7	Bank of America	2,247	4.05	141	1.0	7.7	7.6	Nexus Nova	836	3.33	50	1.5	6.1	6.0
13	PennyMac	7,151	3.00	59	2.0	4.3	4.2	Provident Funding	1,114	3.15	75	0.4	4.8	4.8	Gateway Mortgage	484	3.15	55	-0.3	5.6	5.6
14	Onslow Bay	6,229	2.85	55	1.1	3.6	3.6	Truist Bank	6,556	3.17	77	0.2	4.9	4.9	Fifth Third	2,141	3.38	76	-0.4	5.8	5.8
15	Provident Funding	1,101	3.14	75	0.9	4.4	4.4	Two Harbors	5,192	3.00	66	0.1	4.3	4.3	PennyMac	7,974	3.00	55	-0.7	4.8	4.8
16	Chase	21,435	3.24	74	0.7	4.7	4.7	United Shore (Sold)	4,468	2.90	59	-0.3	3.8	3.8	Nationstar	14,393	3.20	64	-1.0	5.2	5.2
17	PHH Mortgage	2,128	3.12	66	-0.3	4.3	4.3	Chase	21,947	3.25	74	-0.9	4.9	5.0	Bank of America	2,409	4.07	139	-1.4	7.8	7.9
18	Freedom Mortgage	6,347	3.11	62	-1.2	4.4	4.5	U.S. Bank	6,532	3.43	69	-1.3	6.0	6.1	Chase	22,728	3.26	72	-1.4	5.2	5.3
19	Two Harbors	4,374	3.03	69	-1.8	4.0	4.0	New American Funding	762	3.07	57	-1.3	4.3	4.4	U.S. Bank	7,039	3.49	65	-1.5	6.1	6.2
20	Keybank	506	3.20	63	-1.9	4.6	4.7	BOK Financial	577	3.28	69	-1.5	5.4	5.5	Seneca Mortgage	871	3.17	57	-2.3	4.9	5.0
21	New Residential	12,439	3.39	76	-2.0	5.0	5.1	Fifth Third	2,047	3.35	79	-1.7	5.4	5.5	Lakeview	6,330	3.18	51	-2.4	5.1	5.2
22	MSR Asset Vehicle	1,036	2.94	58	-2.0	3.7	3.8	American Internet Mortgage	509	3.00	66	-2.1	4.6	4.7	PHH Mortgage	2,401	3.13	61	-2.6	4.8	5.0
23	Smaller Servicers	36,074	3.26	69	-2.6	4.9	5.0	Nationstar	12,646	3.18	66	-2.3	4.8	4.9	Marlin Mortgage Capital	716	3.01	55	-3.2	4.2	4.4
24	Lakeview	5,979	3.11	57	-2.7	4.3	4.4	Onslow Bay	5,732	2.84	54	-2.4	3.6	3.7	BOK Financial	593	3.30	67	-3.2	5.6	5.8
25	Nationstar	9,886	3.17	67	-3.6	4.5	4.7	Regions Bank	1,088	3.18	65	-2.7	4.9	5.0	American Internet Mortgage	525	3.02	63	-3.3	4.7	4.9
26	United Shore (->Onslow Bay)	1,876	3.06	62	-3.7	3.4	3.5	PHH Mortgage	2,289	3.12	64	-3.3	4.6	4.7	CMG Mortgage	1,007	3.29	51	-3.5	5.4	5.6
27	Wells Fargo	16,401	3.41	86	-4.4	4.9	5.1	Wells Fargo	16,956	3.43	85	-4.4	5.2	5.4	Onslow Bay	5,534	2.83	51	-3.7	3.7	3.9
28	Regions Bank	1,062	3.17	66	-4.8	4.5	4.7	Huntington National Bank	707	3.46	69	-4.5	5.8	6.0	Wells Fargo	17,738	3.44	83	-3.7	5.5	5.7
29	Huntington National Bank	682	3.43	70	-5.7	5.2	5.5	Smaller Servicers	37,124	3.27	68	-4.5	5.2	5.4	New Residential	13,322	3.44	73	-3.8	5.6	5.9
30	Gateway Mortgage	461	3.13	60	-6.2	4.7	5.0	New Residential	12,807	3.41	76	-5.5	5.3	5.6	United Shore (Sold)	3,988	2.92	57	-4.3	4.0	4.2
31	Fifth Third	1,990	3.34	79	-6.7	4.8	5.1	Guild Mortgage	995	3.24	58	-7.4	4.7	5.0	Union Savings Bank	892	3.07	60	-4.3	4.9	5.1
32	Guild Mortgage	979	3.22	60	-10.4	4.2	4.6	PNC Mortgage	7,004	3.18	74	-7.9	4.5	4.9	Smaller Servicers	39,397	3.32	65	-4.4	5.5	5.7
33	BOK Financial	566	3.27	71	-11.2	4.7	5.3	CrossCountry Mortgage	2,192	3.06	56	-9.0	4.0	4.4	Sailfish Servicing	635	2.99	56	-5.6	4.2	4.5
34	Citi	1,311	3.55	85	-11.9	4.9	5.5	Citizens Bank	2,802	3.25	69	-9.7	4.6	5.1	CrossCountry Mortgage	1,886	3.19	52	-5.9	4.6	4.9
35	Union Savings Bank	851	3.04	64	-14.3	3.7	4.3	Gateway Mortgage	468	3.14	58	-10.0	4.7	5.3	United Shore (->Two Harbors)	1,189	2.57	57	-6.2	3.4	3.6
36	First Bank	410	3.14	63	-14.9	3.7	4.3	Marlin Mortgage Capital	617	3.02	58	-10.9	3.7	4.1	Huntington National Bank	743	3.51	66	-6.4	5.9	6.3
37	Citizens Bank	2,736	3.24	70	-16.2	4.1	4.8	Carrington	749	3.33	59	-11.8	4.7	5.4	Carrington	775	3.35	55	-6.8	5.4	5.7
38	Carrington	738	3.32	60	-16.3	4.3	5.1	United Shore (->Onslow Bay)	1,896	3.06	61	-13.9	3.2	3.7	PNC Mortgage	7,215	3.19	71	-8.0	4.8	5.2
39	PNC Mortgage	6,914	3.17	75	-16.4	3.8	4.5	Union Savings Bank	863	3.05	63	-14.4	4.0	4.7	Guild Mortgage	1,039	3.28	55	-9.9	4.9	5.4
40	CrossCountry Mortgage	2,898	2.99	57	-16.6	3.3	3.9	Keybank	517	3.22	62	-14.5	4.4	5.1	Citizens Bank	2,902	3.26	66	-10.5	4.9	5.4
41	United Shore (->Two Harbors)	1,148	2.57	61	-21.8	2.5	3.2	CMG Mortgage	942	3.17	55	-14.9	4.3	5.0	United Shore (->Onslow Bay)	1,843	3.07	58	-10.8	3.6	4.0
42	FHLB Chicago	1,193	3.01	69	-22.4	3.6	4.6	Pingora Loan Servicing	668	3.31	69	-15.3	4.3	5.1	Pingora Loan Servicing	700	3.32	66	-11.9	4.8	5.4
43	Marlin Mortgage Capital	529	3.06	59	-23.4	3.0	3.8	United Shore (->Two Harbors)	1,161	2.57	60	-15.3	2.8	3.3	FHLB Chicago	1,259	3.04	65	-12.4	4.6	5.3
44	Pingora Loan Servicing	637	3.31	71	-25.4	3.6	4.8	FHLB Chicago	1,218	3.02	68	-16.9	4.1	5.0	Citi	1,423	3.63	81	-15.1	5.3	6.2
45	CMG Mortgage	921	3.14	57	-34.0	3.0	4.5	Citi	1,352	3.58	84	-23.7	4.6	6.0	Keybank	543	3.29	58	-17.2	4.4	5.3

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1	Rocket	30,786	3.43	57	19.4	7.0	5.9	Rocket	28,438	3.43	55	24.7	8.0	6.5	Rocket	27,560	3.41	53	23.3	7.8	6.3
2	American Internet Mortgage	523	3.13	65	15.4	6.0	5.2	Seneca Mortgage	1,042	3.23	58	11.7	6.2	5.6	Provident Funding	1,167	3.24	70	9.0	6.5	6.0
3	loanDepot.com	2,499	2.99	52	11.9	4.8	4.3	loan Home Mortgage	627	4.40	37	10.1	16.0	14.7	Freedom Mortgage	6,754	3.36	56	6.7	7.1	6.7
4	Marlin Mortgage Capital	548	3.18	58	11.5	5.1	4.6	Sailfish Servicing	541	3.03	59	9.9	5.0	4.5	New American Funding	834	3.30	52	6.0	6.0	5.7
5	Freedom Mortgage	6,872	3.37	58	8.9	7.1	6.6	Marlin Mortgage Capital	634	3.12	57	9.3	5.6	5.1	Union Home Mortgage	618	4.23	37	5.6	12.0	11.4
6	Union Home Mortgage	603	4.53	37	8.1	14.6	13.6	United Shore (Retained)	2,178	3.73	42	8.3	10.2	9.4	loanDepot.com	2,589	2.99	48	5.0	5.3	5.1
7	Bank of America	2,158	4.07	140	7.8	8.3	7.7	Freedom Mortgage	6,900	3.37	57	6.9	7.6	7.1	Marlin Mortgage Capital	728	3.08	54	4.5	5.0	4.8
8	Provident Funding	1,132	3.23	74	7.0	5.6	5.2	loanDepot.com	2,529	2.99	51	6.8	5.2	4.8	United Shore (Retained)	2,948	3.55	40	3.5	7.5	7.2
9	Nexus Nova	1,411	3.81	46	4.8	9.5	9.1	Provident Funding	1,146	3.24	73	6.7	6.2	5.8	Regions Bank	1,152	3.26	62	3.1	6.0	5.8
10	United Shore (Sold)	4,450	2.91	60	4.7	3.8	3.7	MSR Asset Vehicle	1,052	2.95	56	3.5	4.2	4.1	Two Harbors	5,755	3.02	62	2.9	4.9	4.8
11	Truist Bank	6,506	3.21	77	3.9	5.1	4.9	Nexus Nova	1,076	3.69	48	3.0	8.8	8.5	Seneca Mortgage	892	3.25	56	1.8	5.7	5.6
12	Seneca Mortgage	1,068	3.23	59	3.5	5.5	5.4	Lakeview	6,595	3.40	52	2.5	7.3	7.1	Truist Bank	6,860	3.21	74	1.3	5.4	5.4
13	PennyMac	7,430	3.13	58	3.4	5.4	5.2	American Internet Mortgage	529	3.12	64	2.5	5.8	5.7	CMG Mortgage	1,097	3.57	47	1.1	7.8	7.7
14	United Shore (Retained)	2,179	3.76	43	2.6	8.4	8.2	CrossCountry Mortgage	2,402	3.36	52	1.7	6.9	6.8	MSR Asset Vehicle	1,079	2.95	53	1.0	4.5	4.4
15	Sailfish Servicing	499	3.03	60	2.3	4.1	4.0	Two Harbors	5,250	3.04	65	1.5	4.8	4.7	Union Savings Bank	902	3.11	59	0.5	5.4	5.4
16	CrossCountry Mortgage	3,133	3.25	54	1.9	5.9	5.8	Bank of America	2,271	4.08	139	1.1	7.9	7.8	Nexus Nova	890	3.52	48	0.1	7.5	7.5
17	Onslow Bay	6,309	2.89	55	1.6	4.0	3.9	United Shore (Sold)	4,471	2.91	59	0.6	3.9	3.8	Lakeview	6,719	3.39	49	-0.4	6.7	6.7
18	Two Harbors	4,433	3.07	68	1.6	4.4	4.4	PennyMac	7,828	3.10	57	0.2	5.4	5.4	PennyMac	8,139	3.08	54	-1.0	5.3	5.4
19	PHH Mortgage	2,241	3.29	63	0.7	5.9	5.8	Onslow Bay	5,803	2.88	53	-0.5	4.1	4.1	American Internet Mortgage	538	3.10	62	-1.1	5.4	5.4
20	New American Funding	812	3.34	56	0.6	5.3	5.3	Truist Bank	6,644	3.22	76	-0.7	5.1	5.2	Bank of America	2,429	4.09	138	-1.7	7.9	8.1
21	Lakeview	6,542	3.41	53	-0.5	6.6	6.7	Guild Mortgage	1,076	3.48	55	-1.4	7.0	7.1	Chase	22,937	3.29	71	-2.0	5.4	5.5
22	Chase	21,821	3.29	73	-0.6	5.0	5.0	Chase	22,272	3.30	73	-2.1	5.2	5.3	PHH Mortgage	2,466	3.23	60	-2.3	5.6	5.7
23	New Residential	13,214	3.57	73	-1.7	6.5	6.6	PHH Mortgage	2,388	3.26	62	-2.7	5.8	6.0	Nationstar	14,595	3.25	63	-2.5	5.4	5.5
24	MSR Asset Vehicle	1,038	2.95	58	-3.4	3.7	3.8	Nationstar	12,902	3.25	65	-3.9	5.2	5.4	Onslow Bay	5,577	2.86	50	-2.6	4.0	4.1
25	United Shore (->Onslow Bay)	1,876	3.06	62	-3.7	3.4	3.5	BOK Financial	590	3.35	68	-4.4	5.6	5.9	CrossCountry Mortgage	2,032	3.43	49	-2.7	6.4	6.6
26	U.S. Bank	6,659	3.64	68	-4.0	7.0	7.3	CMG Mortgage	1,060	3.54	51	-5.2	7.7	8.1	Fifth Third	2,204	3.47	74	-2.9	6.2	6.3
27	Nationstar	10,120	3.25	66	-5.1	4.9	5.1	U.S. Bank	7,055	3.65	65	-5.6	7.9	8.4	U.S. Bank	7,395	3.64	63	-3.7	7.2	7.5
28	Guild Mortgage	1,065	3.49	56	-5.5	6.3	6.7	Fifth Third	2,131	3.48	76	-6.1	5.9	6.2	United Shore (Sold)	3,989	2.93	57	-3.8	4.1	4.2
29	Citi	1,432	3.80	79	-6.6	7.0	7.4	Union Savings Bank	879	3.11	62	-6.5	4.7	5.1	New Residential	13,785	3.54	71	-5.3	6.4	6.7
30	Smaller Servicers	39,070	3.50	65	-6.6	6.3	6.7	Regions Bank	1,115	3.26	64	-6.9	5.1	5.5	BOK Financial	603	3.35	66	-5.4	5.7	6.1
31	Regions Bank	1,093	3.26	65	-7.3	4.8	5.2	New American Funding	818	3.32	55	-6.9	5.3	5.7	Wells Fargo	17,941	3.48	83	-5.9	5.6	5.9
32	Wells Fargo	16,682	3.47	84	-7.6	5.0	5.4	PNC Mortgage	7,083	3.21	73	-7.0	4.8	5.1	Guild Mortgage	1,100	3.47	52	-6.1	6.3	6.7
33	Fifth Third	2,083	3.48	77	-11.0	5.2	5.9	New Residential	13,479	3.57	73	-7.1	6.5	7.0	United Shore (->Two Harbors)	1,189	2.57	57	-6.2	3.4	3.6
34	Huntington National Bank	755	3.72	65	-11.1	6.8	7.6	Smaller Servicers	39,802	3.49	65	-7.1	6.6	7.1	Smaller Servicers	41,212	3.46	63	-6.5	6.3	6.7
35	Union Savings Bank	869	3.12	63	-12.2	4.1	4.7	Wells Fargo	17,214	3.48	85	-7.9	5.3	5.7	Gateway Mortgage	498	3.26	54	-6.8	5.9	6.3
36	Citizens Bank	2,795	3.32	69	-15.2	4.5	5.3	Citizens Bank	2,856	3.32	68	-9.8	5.0	5.5	Sailfish Servicing	642	3.03	55	-6.9	4.4	4.7
37	PNC Mortgage	7,002	3.21	74	-16.4	4.0	4.8	United Shore (->Onslow Bay)	1,896	3.06	61	-13.9	3.2	3.7	PNC Mortgage	7,269	3.21	71	-7.8	5.0	5.4
38	BOK Financial	580	3.35	70	-17.9	4.7	5.6	Citi	1,461	3.79	79	-15.2	6.7	7.9	Carrington	799	3.45	54	-10.4	5.6	6.3
39	Gateway Mortgage	483	3.29	58	-18.0	5.0	6.0	United Shore (->Two Harbors)	1,161	2.57	60	-15.3	2.8	3.3	United Shore (->Onslow Bay)	1,843	3.07	58	-10.8	3.6	4.0
40	Keybank	565	3.54	58	-19.0	5.3	6.5	Huntington National Bank	767	3.70	65	-16.3	6.8	8.1	Citizens Bank	2,942	3.31	66	-11.2	5.1	5.7
41	Carrington	775	3.47	58	-19.0	4.8	5.8	Carrington	781	3.46	57	-16.7	5.1	6.1	Huntington National Bank	779	3.65	64	-11.7	6.6	7.5
42	CMG Mortgage	1,053	3.56	52	-21.0	6.2	7.8	Pingora Loan Servicing	674	3.34	69	-18.3	4.3	5.2	Citi	1,495	3.77	78	-12.9	6.4	7.3
43	United Shore (->Two Harbors)	1,148	2.57	61	-21.8	2.5	3.2	Keybank	571	3.53	58	-20.7	5.7	7.2	Pingora Loan Servicing	704	3.34	66	-13.8	4.8	5.5
44	FHLB Chicago	1,219	3.09	68	-26.6	3.7	5.0	Gateway Mortgage	487	3.28	57	-20.8	4.9	6.1	FHLB Chicago	1,276	3.09	64	-15.4	4.7	5.5
45	Pingora Loan Servicing	644	3.34	70	-28.3	3.6	4.9	FHLB Chicago	1,241	3.09	67	-21.5	4.2	5.4	Keybank	579	3.50	56	-16.9	5.5	6.6

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Hybrid 5/1 and 5/6

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Independent Bank	12	5.41	46	150.6	24.2	10.4	NewRez	20	6.65	196	95.8	28.0	15.4	Amerisave Mortgage	36	4.65	30	62.6	18.0	11.4
2	NewRez	19	6.59	198	103.9	33.4	17.9	Two Harbors	27	4.17	56	65.7	20.8	13.1	NewRez	22	6.95	194	61.9	24.0	15.5
3	Santander Bank	23	5.98	133	97.3	30.0	16.4	Nexus Nova	43	5.21	38	63.5	14.4	9.0	Cardinal Financial	17	4.05	33	45.4	18.1	12.8
4	CMG Mortgage	18	4.46	41	88.2	21.3	11.9	Santander Bank	24	6.00	131	60.8	24.0	15.6	Independent Bank	13	5.39	42	36.7	16.4	12.3
5	Amerisave Mortgage	35	4.68	32	77.3	17.0	9.9	Amerisave Mortgage	35	4.65	32	51.4	18.9	12.9	Freedom Mortgage	46	5.50	80	27.8	21.5	17.3
6	Freedom Mortgage	69	5.12	61	73.8	27.2	16.6	Freedom Mortgage	58	5.13	70	39.2	21.7	16.0	Arvest Mortgage	58	6.02	45	18.5	22.0	18.9
7	Citi	28	6.67	212	73.6	17.9	10.7	Independent Bank	12	5.41	46	27.8	14.5	11.5	Provident Funding	73	7.11	159	17.6	19.4	16.7
8	CommunityAmerica Credit Unio	36	6.24	17	55.0	24.6	16.6	United Shore (Retained)	236	3.71	39	22.0	17.5	14.6	Two Harbors	31	4.07	54	16.1	19.4	16.9
9	Provident Funding	70	6.89	165	34.7	18.6	14.1	CMG Mortgage	19	4.47	40	21.0	13.0	10.9	Nexus Nova	45	5.20	35	15.9	11.8	10.2
10	Nexus Nova	43	5.21	40	33.9	12.9	9.8	Bank of America	257	5.94	100	16.6	18.1	15.7	Santander Bank	25	6.04	127	13.5	18.7	16.6
11	United Shore (Retained)	252	3.90	37	33.9	22.0	16.9	Old National Bank	26	5.14	50	16.1	18.5	16.1	Fannie Mae	11	6.73	225	9.5	13.4	12.3
12	Truist Bank	44	6.70	171	18.3	16.1	13.7	Citi	31	6.75	214	13.1	13.0	11.6	United Shore (Retained)	229	3.55	38	8.5	14.5	13.4
13	Old National Bank	29	5.27	46	17.4	18.4	15.9	Provident Funding	72	6.95	163	11.8	17.1	15.4	Fifth Third	37	6.36	156	6.3	17.6	16.6
14	PNC Mortgage	104	4.34	98	15.9	12.3	10.7	Arvest Mortgage	59	6.01	44	11.2	26.1	23.8	Bank of America	270	6.02	98	4.8	16.4	15.7
15	Bank of America	248	5.92	101	9.4	16.3	15.0	Lakeview	489	5.07	36	6.5	12.4	11.7	Lakeview	481	5.04	35	4.6	11.5	11.1
16	Guaranteed Rate	244	6.23	11	7.4	28.9	27.2	Truist Bank	44	6.77	175	4.3	17.9	17.2	Citizens Bank	49	5.29	46	3.2	19.0	18.4
17	Citizens Bank	51	5.32	45	3.6	26.5	25.7	PennyMac	138	5.12	33	3.4	15.0	14.6	CommunityAmerica Credit Unio	71	6.24	15	3.1	15.8	15.3
18	Fifth Third	34	6.17	159	0.8	15.8	15.7	Smaller Servicers	351	5.96	91	2.2	16.4	16.1	Wells Fargo	1,088	4.55	93	1.7	13.5	13.3
19	Arvest Mortgage	61	5.99	42	0.0	20.7	20.7	Guaranteed Rate	191	6.26	12	-0.1	25.7	25.7	First Bank	23	2.49	56	1.1	12.0	11.9
20	Lakeview	496	5.08	37	-0.8	13.1	13.2	PNC Mortgage	106	4.36	98	-0.2	10.2	10.2	loanDepot.com	484	3.34	35	0.6	11.3	11.2
21	Wells Fargo	981	4.38	91	-1.0	12.8	12.9	Union Home Mortgage	14	5.76	7	-0.2	15.3	15.3	Idaho Central Credit Union	44	6.16	20	-0.1	19.0	19.1
22	Smaller Servicers	367	5.95	85	-3.5	14.1	14.6	Chase	1,105	4.79	92	-1.4	12.9	13.1	Smaller Servicers	347	6.00	89	-0.3	16.8	16.8
23	loanDepot.com	575	3.80	33	-3.9	11.1	11.5	loanDepot.com	526	3.59	35	-2.0	10.0	10.2	PNC Mortgage	110	4.41	95	-0.8	12.2	12.3
24	Chase	1,089	4.78	92	-4.1	12.4	12.9	Citizens Bank	49	5.27	46	-2.1	20.1	20.5	Citi	34	6.98	212	-1.0	12.6	12.7
25	Plaza Home Mortgage	44	5.98	6	-6.5	19.4	20.6	Idaho Central Credit Union	52	6.09	19	-2.9	19.5	20.0	Chase	1,140	4.80	91	-1.2	13.5	13.7
26	Nationstar	279	6.32	180	-7.1	11.6	12.5	Wells Fargo	1,027	4.47	94	-4.0	12.0	12.5	Guaranteed Rate	156	6.31	12	-3.1	21.4	22.0
27	Gateway Mortgage	64	5.07	36	-10.4	7.9	8.8	CommunityAmerica Credit Unio	63	6.25	17	-6.3	18.6	19.7	New Residential	318	6.38	148	-3.6	14.2	14.7
28	Union Home Mortgage	25	5.77	6	-16.2	12.5	14.7	Plaza Home Mortgage	26	5.96	5	-6.5	16.6	17.6	Plaza Home Mortgage	14	5.95	6	-6.0	16.5	17.4
29	New Residential	317	6.12	128	-16.2	11.8	13.9	New Residential	315	6.20	140	-6.6	13.1	13.9	PennyMac	127	5.05	34	-6.2	13.1	13.9
30	First Bank	22	2.51	60	-17.1	8.2	9.8	Nationstar	393	6.43	186	-9.2	12.1	13.3	Nationstar	475	6.62	184	-9.2	12.6	13.8
31	PHH Mortgage	48	6.15	104	-17.6	9.6	11.5	PHH Mortgage	50	6.20	105	-13.8	9.3	10.7	Old National Bank	25	5.04	51	-10.3	13.2	14.6
32	Rocket	286	5.22	147	-20.2	9.5	11.7	Gateway Mortgage	64	5.06	35	-15.7	10.4	12.2	Truist Bank	44	6.98	181	-10.7	15.2	16.9
33	COMMUNITYAMERICA FEDERAL CRE	63	6.26	17	-21.8	15.9	19.9	First Bank	22	2.49	59	-16.3	7.8	9.2	Rocket	176	4.51	111	-11.4	12.0	13.5
34	CrossCountry Mortgage	76	5.29	25	-22.1	10.4	13.2	Rocket	209	4.81	128	-18.3	10.3	12.4	Gateway Mortgage	65	5.04	32	-12.7	8.9	10.1
35	Onslow Bay	116	2.54	56	-22.2	6.8	8.6	ENT Credit Union	54	5.67	10	-18.6	9.4	11.4	ENT Credit Union	38	5.71	10	-16.0	9.5	11.2
36	PennyMac	159	5.23	30	-22.8	11.9	15.2	COMMUNITYAMERICA FEDERAL CRE	32	6.26	17	-21.8	15.9	19.9	U.S. Bank	40	7.12	166	-16.7	14.0	16.6
37	ENT Credit Union	69	5.64	10	-23.3	8.2	10.6	Fifth Third	35	6.23	158	-24.8	12.0	15.7	CrossCountry Mortgage	42	5.12	29	-17.4	11.6	13.9
38	Idaho Central Credit Union	66	6.02	17	-32.5	9.4	13.7	CrossCountry Mortgage	60	5.32	27	-28.2	8.9	12.1	CMG Mortgage	19	4.48	36	-19.9	9.0	11.1
39	Columbia Bank	18	4.13	83	-39.1	8.2	13.1	U.S. Bank	38	6.92	170	-39.2	9.4	15.1	COMMUNITYAMERICA FEDERAL CRE	16	6.26	17	-21.8	15.9	19.9
40	AmeriHome Mortgage	21	5.62	10	-40.5	6.3	10.4	Onslow Bay	117	2.54	54	-40.2	5.4	9.0	PHH Mortgage	49	6.33	111	-22.1	8.0	10.1
41	U.S. Bank	37	6.86	171	-41.3	8.9	14.7	Waukesha State Bank	33	5.98	11	-44.4	8.8	15.2	United Shore (->Lakeview)	46	4.72	36	-25.8	6.5	8.7
42	Two Harbors	23	4.41	57	-43.4	5.8	10.0	United Shore (->Lakeview)	44	4.71	39	-60.2	3.1	7.6	Onslow Bay	119	2.54	51	-43.1	5.6	9.7
43	United Shore (->Lakeview)	44	4.71	41	-82.4	1.8	9.7	AmeriHome Mortgage	14	5.62	11	-60.8	4.9	11.9	Waukesha State Bank	26	5.94	10	-53.3	6.2	12.8
44	ResiCentral	19	2.16	51	-92.7	0.7	9.0	Columbia Bank	18	4.10	82	-63.6	5.4	14.3	Columbia Bank	12	4.41	98	-56.9	6.1	13.6
45	Waukesha State Bank	33	5.98	13	-95.8	0.5	12.0	ResiCentral	19	2.16	50	-95.0	0.4	7.9	ResiCentral	19	2.16	47	-60.5	4.2	10.3

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1	NewRez	29	5.89	110	168.5	36.4	15.3	NewRez	29	6.01	113	83.6	24.5	14.1	NewRez	34	6.33	114	79.5	27.9	16.6
2	Two Harbors	352	5.53	24	87.4	34.2	19.9	Two Harbors	381	5.50	23	69.9	34.0	21.6	Two Harbors	292	5.22	27	56.0	27.0	18.2
3	Nexus Nova	205	5.67	16	75.7	30.5	18.6	Nexus Nova	154	5.55	19	49.7	24.5	17.1	Nexus Nova	103	5.31	24	43.5	21.6	15.6
4	Citizens Bank	97	5.52	59	40.4	23.8	17.5	Seneca Mortgage	88	4.81	29	33.8	8.0	6.0	Pentagon Federal Credit Unio	19	4.75	40	38.8	9.8	7.2
5	United Shore (Retained)	896	4.78	26	32.4	22.7	17.7	Visions Federal Credit Union	36	6.33	24	33.1	32.2	25.2	First Bank	27	2.31	52	26.3	9.9	7.9
6	Seneca Mortgage	87	4.80	30	28.7	6.5	5.1	United Shore (Retained)	749	4.53	29	29.5	20.9	16.5	Visions Federal Credit Union	38	6.34	21	19.8	20.9	17.8
7	Visions Federal Credit Union	34	6.32	26	22.1	31.2	26.3	Rocket	2,000	4.77	34	20.3	17.5	14.8	United Shore (Retained)	625	4.18	32	17.1	16.4	14.2
8	ACRISURE MORTGAGE LLC	29	5.98	20	12.7	23.4	21.1	Provident Funding	44	6.19	140	18.9	16.5	14.0	Rocket	1,819	4.62	34	13.8	15.4	13.7
9	Rocket	2,141	4.83	37	12.2	15.5	13.9	Citizens Bank	96	5.55	59	11.1	19.2	17.4	Johnson Bank	32	4.86	44	12.1	14.0	12.6
10	Columbia Bank	28	5.47	57	11.4	20.3	18.4	PennyMac	1,762	5.40	22	7.6	10.9	10.2	Arvest Mortgage	47	5.81	32	10.5	17.1	15.6
11	PennyMac	1,888	5.43	22	10.4	12.0	10.9	Citi	112	5.23	77	5.4	15.3	14.6	Citizens Bank	99	5.65	58	5.3	18.6	17.8
12	U.S. Bank	545	6.22	36	5.9	30.4	28.9	ACRISURE MORTGAGE LLC	27	5.99	20	4.9	19.1	18.3	Freedom Mortgage	95	5.81	78	4.6	15.1	14.5
13	Chase	2,486	4.09	57	5.4	9.8	9.3	Arvest Mortgage	47	5.80	33	3.0	20.1	19.6	Chase	2,462	4.06	56	3.3	10.8	10.4
14	New Residential	727	5.79	77	1.0	14.0	13.8	U.S. Bank	549	6.25	36	1.9	31.3	30.8	PennyMac	1,629	5.37	21	3.2	9.4	9.1
15	Arvest Mortgage	48	5.79	33	0.1	25.0	25.0	Royal Business Bank	86	6.67	94	1.8	15.1	14.9	Lakeview	2,832	4.79	30	2.9	10.5	10.2
16	Citi	111	5.18	76	-0.3	13.1	13.2	Lakeview	3,007	4.83	30	1.4	11.0	10.8	CMG Mortgage	230	5.26	33	0.9	9.6	9.6
17	Bank of America	476	6.03	91	-1.2	14.5	14.6	Bank of America	482	6.07	91	-1.1	14.7	14.9	Royal Business Bank	91	6.40	91	0.6	17.3	17.2
18	Lakeview	3,253	4.87	29	-1.3	10.1	10.2	New Residential	732	5.82	77	-1.9	14.2	14.4	PNC Mortgage	459	4.16	57	0.2	12.5	12.4
19	Truist Bank	177	5.91	47	-2.8	20.6	21.1	Chase	2,468	4.07	57	-3.9	9.4	9.8	United Shore (->Lakeview)	231	4.95	37	-1.0	8.0	8.0
20	Royal Business Bank	84	6.85	96	-6.4	11.8	12.5	Columbia Bank	26	5.40	61	-4.3	17.2	17.9	New Residential	743	5.90	77	-1.6	14.0	14.2
21	Nationstar	439	5.47	67	-7.9	9.6	10.3	Truist Bank	151	5.89	54	-6.4	19.3	20.5	Bank of America	501	6.20	90	-1.8	16.0	16.2
22	Provident Funding	43	6.16	141	-10.9	11.6	13.0	loanDepot.com	1,558	3.31	40	-7.3	7.8	8.4	Seneca Mortgage	90	4.81	26	-2.5	5.7	5.8
23	Smaller Servicers	904	5.43	39	-11.2	13.8	15.4	Freedom Mortgage	106	5.70	71	-7.8	11.3	12.2	Smaller Servicers	683	5.46	50	-2.5	15.3	15.6
24	Wells Fargo	2,434	4.82	59	-11.4	12.9	14.4	Nationstar	562	5.50	69	-9.6	9.8	10.8	Citi	113	5.31	77	-2.6	13.8	14.1
25	United Shore (->Lakeview)	223	4.95	42	-12.2	7.1	8.0	Smaller Servicers	779	5.50	43	-9.9	14.2	15.6	U.S. Bank	564	6.29	34	-3.0	23.8	24.4
26	Freedom Mortgage	107	5.69	71	-13.5	11.7	13.4	PHH Mortgage	138	5.70	23	-11.0	7.4	8.3	loanDepot.com	1,497	3.14	40	-5.6	8.0	8.4
27	loanDepot.com	1,638	3.46	40	-14.4	7.3	8.5	United Shore (->Lakeview)	225	4.95	40	-11.5	6.9	7.8	Nationstar	680	5.61	65	-6.1	11.6	12.3
28	Johnson Bank	37	5.08	41	-14.6	12.3	14.2	Wells Fargo	2,429	4.81	60	-12.4	12.4	14.1	Wells Fargo	2,468	4.82	59	-7.7	12.6	13.6
29	PNC Mortgage	444	4.12	60	-20.8	9.9	12.3	PNC Mortgage	448	4.13	59	-15.1	11.1	13.0	PHH Mortgage	129	5.72	22	-8.6	6.8	7.4
30	COMMUNITYAMERICA FEDERAL CRE	45	6.28	19	-21.3	14.1	17.6	Fifth Third	62	5.11	87	-17.1	10.2	12.2	Truist Bank	130	5.90	62	-9.3	16.4	18.0
31	Elevations Credit Union	44	6.59	26	-24.0	23.2	29.5	Onslow Bay	364	2.72	47	-20.0	5.2	6.4	Santander Bank	32	5.57	100	-11.8	14.7	16.5
32	Old National Bank	38	4.62	33	-27.2	11.0	14.8	CrossCountry Mortgage	233	5.59	30	-20.9	14.0	17.4	Provident Funding	46	6.34	137	-13.2	14.4	16.5
33	CrossCountry Mortgage	267	5.55	30	-28.7	12.7	17.3	COMMUNITYAMERICA FEDERAL CRE	23	6.28	19	-21.3	14.1	17.6	Fifth Third	65	5.26	85	-15.7	12.4	14.6
34	AmeriHome Mortgage	185	5.96	11	-31.2	15.0	21.1	Johnson Bank	34	4.95	44	-22.3	11.1	14.1	Amerisave Mortgage	19	5.35	25	-19.8	9.0	11.1
35	Fifth Third	61	5.07	88	-31.8	7.7	11.0	Elevations Credit Union	44	6.60	25	-26.2	25.2	32.6	Old National Bank	29	4.07	39	-21.2	9.4	11.8
36	Onslow Bay	381	2.87	46	-32.6	4.0	5.8	CMG Mortgage	223	5.26	35	-26.4	6.3	8.5	CrossCountry Mortgage	166	5.42	31	-22.6	12.2	15.5
37	Cornerstone Capital Bank	103	6.15	11	-33.5	16.4	23.7	First Bank	27	2.31	55	-27.9	5.8	8.0	Onslow Bay	358	2.62	46	-25.5	5.2	7.0
38	Guaranteed Rate	792	6.22	12	-34.9	15.8	23.2	Cornerstone Capital Bank	83	6.22	10	-28.0	19.1	25.6	AmeriHome Mortgage	94	5.88	13	-26.5	13.8	18.3
39	CMG Mortgage	223	5.27	37	-35.5	4.8	7.3	Inspire Home Loans.	26	4.89	6	-31.0	4.6	6.6	Teachers Federal Credit Unio	18	6.39	17	-26.9	9.4	12.7
40	Santander Bank	31	5.44	104	-40.8	10.3	16.8	Old National Bank	33	4.40	36	-34.1	9.3	13.8	Guaranteed Rate	516	6.32	11	-27.4	15.3	20.5
41	PHH Mortgage	136	5.69	24	-50.5	4.1	8.0	AmeriHome Mortgage	145	5.92	11	-34.4	13.4	19.8	Elevations Credit Union	43	6.61	24	-34.8	17.2	25.3
42	Inspire Home Loans.	42	4.83	6	-52.0	2.0	4.2	Guaranteed Rate	648	6.25	12	-34.5	16.3	23.9	Cornerstone Capital Bank	57	6.33	10	-35.0	15.7	23.2
43	Wintrust Mortgage	74	6.00	9	-72.0	5.1	17.2	Santander Bank	31	5.48	103	-43.3	8.8	15.0	Inspire Home Loans.	21	5.25	9	-43.1	3.4	5.8
44	New American Funding	32	6.20	27	-84.6	3.0	18.0	Wintrust Mortgage	45	5.97	10	-60.4	7.6	18.2	Wintrust Mortgage	25	5.89	12	-62.3	6.8	17.1
45	CommunityAmerica Credit Unio	28	6.14	21	-89.8	1.3	12.6	CommunityAmerica Credit Unio	46	6.18	20	-73.1	5.1	17.8	CommunityAmerica Credit Unio	50	6.17	19	-67.5	5.3	15.4

Highlighted row is the servicer closest to their comparison speed
 Data is sorted on the contents of the highlighted column

Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

GSE: Hybrid 10/1 and 10/6

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	NewRez	16	4.86	86	247.6	40.2	13.5	NewRez	16	4.79	85	199.8	39.0	15.0	NewRez	17	4.59	86	133.0	30.9	14.5
2	MLD Mortgage	27	2.66	51	205.9	12.2	4.2	Metro Credit Union	13	2.49	61	110.2	10.4	5.1	Seneca Mortgage	14	3.01	47	93.7	9.2	4.8
3	Truist Bank	32	4.18	92	112.3	22.3	11.2	Seneca Mortgage	14	3.09	50	90.5	8.1	4.3	Sailfish Servicing	21	2.51	49	85.3	9.4	5.2
4	Santander Bank	37	4.13	92	64.8	16.4	10.3	Truist Bank	33	4.14	92	74.8	19.6	11.7	Truist Bank	35	4.03	89	38.8	15.6	11.5
5	Two Harbors	58	3.26	72	55.8	14.1	9.3	MLD Mortgage	27	2.66	49	52.7	6.9	4.6	Citizens Bank	35	3.89	47	36.4	8.5	6.3
6	Freedom Mortgage	41	3.30	71	45.9	11.9	8.3	Arvest Mortgage	23	4.37	52	48.3	17.8	12.4	CrossCountry Mortgage	111	3.95	41	29.6	13.9	10.9
7	Gate City Bank	29	4.43	106	41.6	8.3	6.0	Cape Cod Five Cents Bank	16	2.78	56	35.0	6.9	5.2	Guild Mortgage	12	3.18	65	23.8	10.9	8.9
8	U.S. Bank	46	4.10	58	23.7	18.4	15.2	CrossCountry Mortgage	137	4.37	39	29.7	17.1	13.5	Freedom Mortgage	40	3.28	68	22.9	10.9	9.0
9	Citizens Bank	34	3.85	52	23.5	11.5	9.4	Two Harbors	69	3.29	68	24.1	10.1	8.2	Arvest Mortgage	24	4.39	49	15.3	14.3	12.5
10	Columbia Bank	27	3.24	74	20.6	7.3	6.1	Santander Bank	37	4.12	91	19.4	12.7	10.8	U.S. Bank	49	4.10	53	14.7	11.5	10.1
11	Arvest Mortgage	22	4.36	54	20.3	18.6	15.7	Citi	111	4.82	58	11.9	14.8	13.4	Bank of America	242	4.61	86	10.8	13.0	11.8
12	CrossCountry Mortgage	155	4.44	38	19.5	17.5	14.8	Guaranteed Rate	121	6.69	13	11.6	33.8	30.9	MLD Mortgage	28	2.66	46	10.1	6.1	5.6
13	United Shore (Retained)	291	3.69	45	16.0	11.7	10.1	Rocket	230	3.37	63	11.0	9.2	8.3	Guaranteed Rate	115	6.73	12	7.4	24.7	23.2
14	Guaranteed Rate	125	6.65	14	12.6	30.0	27.1	Freedom Mortgage	41	3.30	70	10.5	9.5	8.6	United Shore (Retained)	304	3.73	40	6.2	10.9	10.2
15	Rocket	271	3.58	64	6.9	8.5	7.9	Gate City Bank	29	4.37	104	9.8	9.5	8.7	Citi	116	4.86	55	5.9	15.9	15.1
16	New Residential	422	4.67	59	6.4	13.8	13.0	United Shore (Retained)	294	3.70	43	9.6	10.2	9.3	PHH Mortgage	32	4.58	74	3.0	12.3	12.0
17	PennyMac	91	5.19	36	3.6	15.6	15.1	Smaller Servicers	306	4.09	58	7.7	11.5	10.7	Chase	1,818	3.24	53	1.9	7.8	7.7
18	Citi	108	4.79	58	3.4	12.2	11.8	Chase	1,776	3.25	56	3.1	7.2	7.0	CMG Mortgage	1,873	5.22	26	0.6	7.7	7.6
19	Colonial Savings	25	3.15	74	1.8	6.1	6.0	CMG Mortgage	1,866	5.19	28	2.3	8.3	8.2	Metro Credit Union	13	2.49	58	0.5	5.7	5.7
20	Chase	1,756	3.25	57	-0.9	6.9	6.9	U.S. Bank	47	4.10	56	1.2	12.9	12.8	Wells Fargo	1,412	4.70	56	0.1	12.2	12.1
21	CMG Mortgage	1,857	5.18	30	-1.3	7.8	7.9	Columbia Bank	27	3.24	73	-0.8	7.1	7.1	Rocket	214	3.26	61	-0.0	8.6	8.6
22	PHH Mortgage	31	4.64	75	-2.3	11.3	11.5	First Citizens Bank	20	6.07	32	-1.2	23.0	23.2	Colonial Savings	26	3.13	70	-0.2	10.8	10.8
23	Bank of America	231	4.74	88	-3.5	12.4	12.8	Citizens Bank	34	3.87	50	-1.2	6.2	6.3	Smaller Servicers	323	3.99	56	-1.5	9.9	10.1
24	Wells Fargo	1,342	4.67	60	-5.7	12.4	13.1	Nationstar	221	4.72	57	-4.3	7.4	7.7	Cape Cod Five Cents Bank	21	2.87	54	-4.2	6.1	6.3
25	First Citizens Bank	19	6.07	33	-7.3	21.7	23.2	Colonial Savings	25	3.15	73	-5.8	14.2	15.0	New Residential	442	4.71	55	-4.4	10.5	11.0
26	loanDepot.com	1,040	2.50	51	-10.3	3.9	4.3	Wells Fargo	1,363	4.68	59	-6.3	11.7	12.4	Gate City Bank	30	4.08	100	-4.5	10.9	11.4
27	Smaller Servicers	307	4.12	58	-10.9	7.8	8.8	loanDepot.com	1,047	2.49	50	-8.7	4.2	4.6	Lakeview	398	3.61	40	-4.5	5.8	6.1
28	Lakeview	396	3.64	43	-17.8	5.1	6.1	PennyMac	92	5.20	35	-9.0	11.8	12.8	Provident Funding	14	3.51	66	-4.7	9.4	9.9
29	Provident Funding	14	3.53	71	-19.8	11.8	14.5	Bank of America	234	4.69	87	-9.1	10.6	11.6	loanDepot.com	1,066	2.49	47	-4.9	5.0	5.2
30	MECHANICS BANK	14	2.67	52	-22.5	4.4	5.6	Lakeview	394	3.62	42	-11.0	5.5	6.2	Santander Bank	38	4.10	89	-6.4	10.4	11.1
31	Onslow Bay	147	2.57	50	-23.1	3.2	4.1	New Residential	428	4.69	58	-12.1	10.3	11.6	Bell Bank	15	3.65	38	-8.3	6.0	6.6
32	PNC Mortgage	154	3.25	65	-23.2	4.8	6.2	PNC Mortgage	156	3.26	63	-12.6	5.9	6.7	Nationstar	259	4.80	54	-8.4	9.1	9.9
33	Nationstar	174	4.71	58	-26.0	6.5	8.7	PHH Mortgage	32	4.63	74	-13.7	9.9	11.4	PennyMac	94	5.18	32	-11.6	11.0	12.3
34	American Internet Mortgage	38	3.20	70	-33.6	4.0	6.0	Provident Funding	14	3.52	70	-31.2	6.9	9.9	Two Harbors	76	3.28	65	-12.7	8.5	9.7
35	BSI Financial	14	4.14	102	-40.1	7.0	11.4	Amerisave Mortgage	13	5.63	25	-34.2	11.2	16.6	PNC Mortgage	160	3.25	61	-17.7	6.5	7.9
36	MSR Asset Vehicle	25	3.44	77	-44.6	3.7	6.6	Onslow Bay	148	2.57	49	-41.7	2.1	3.6	Columbia Bank	16	3.24	73	-18.8	6.2	7.5
37	Metro Credit Union	13	2.48	63	-54.9	2.6	5.7	Fifth Third	43	3.82	57	-46.9	5.1	9.3	First Citizens Bank	21	6.08	29	-23.6	14.3	18.4
38	Fifth Third	42	3.83	59	-64.9	3.1	8.6	BSI Financial	14	4.11	100	-47.4	5.8	10.8	Onslow Bay	150	2.57	46	-39.1	2.8	4.5
39	THE CAPE COD FIVE CENTS SAVI	14	3.16	67	-78.4	1.1	4.9	MECHANICS BANK	12	2.67	51	-49.9	2.8	5.5	First Bank	15	2.54	57	-39.8	3.5	5.8
40	First Bank	14	2.53	62	-80.0	0.7	3.7	MSR Asset Vehicle	26	3.45	76	-55.4	3.2	7.0	Fifth Third	44	3.85	55	-47.3	4.7	8.8
41	BOK Financial	14	3.21	57	-86.3	0.7	5.3	American Internet Mortgage	38	3.19	68	-60.9	2.9	7.2	Amerisave Mortgage	12	5.63	23	-54.8	6.5	13.9
42	Seneca Mortgage	14	3.10	51	-90.7	0.4	4.3	First Bank	14	2.53	60	-86.2	0.7	4.6	BOK Financial	13	3.22	55	-55.1	4.1	9.0
43	Amerisave Mortgage	14	5.65	24	-91.1	1.1	11.7	BOK Financial	14	3.20	56	-87.1	0.7	5.2	American Internet Mortgage	38	3.18	65	-57.0	3.5	8.0
44	Bell Bank	15	3.67	42	-91.3	0.5	5.9	Bell Bank	15	3.66	41	-89.5	0.6	5.2	MSR Asset Vehicle	26	3.45	73	-69.0	3.1	9.8
45	Sailfish Servicing	19	2.50	54	-91.4	0.3	3.5	Sailfish Servicing	19	2.51	53	-92.2	0.3	3.7	BSI Financial	14	4.07	97	-70.0	3.8	12.1

Highlighted row is the servicer closest to their comparison speed
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Source: Fannie Mae, Freddie Mac, Santander US Capital Markets

Ginnie Mae: Fixed 30yr, In-the-money

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Village Capital	13,548	6.45	18	49.4	44.9	32.7	Rocket	25,558	6.33	20	75.1	37.7	23.5	Rocket	19,381	6.45	19	73.9	36.1	22.6
2	AmeriHome Mortgage	12,861	6.63	14	47.6	36.3	26.2	Village Capital	12,258	6.51	18	48.6	47.8	35.2	Village Capital	9,989	6.66	17	51.0	48.1	34.9
3	Rocket	29,250	6.27	21	44.8	29.3	21.2	Sun West	2,011	6.51	19	35.6	41.1	32.1	Equity Prime Mortgage	3,054	6.89	17	40.7	41.7	31.7
4	Sun West	2,292	6.46	19	39.8	40.1	30.6	Equity Prime Mortgage	3,620	6.78	18	35.3	41.3	32.4	Sun West	1,515	6.60	18	36.1	38.9	30.2
5	loanDepot.com	9,120	6.33	21	38.3	31.2	23.6	loanDepot.com	8,015	6.40	20	32.9	32.9	25.8	loanDepot.com	6,103	6.53	19	32.9	31.5	24.7
6	Equity Prime Mortgage	3,971	6.72	18	36.8	40.1	31.1	AmeriHome Mortgage	11,188	6.69	14	31.7	33.5	26.6	AmeriHome Mortgage	10,126	6.79	14	32.0	31.5	24.9
7	Freedom Mortgage	100,664	6.30	23	27.4	34.8	28.5	United Shore (->Lakeview)	32,464	6.32	23	27.2	32.2	26.2	United Shore (->Lakeview)	22,753	6.42	22	24.2	30.0	24.9
8	United Shore (->Lakeview)	39,839	6.29	23	22.1	29.2	24.6	United Shore (Retained)	20,492	6.22	11	16.9	37.6	33.1	Freedom Mortgage	68,880	6.46	22	15.5	33.8	29.9
9	CrossCountry Mortgage	14,269	6.44	17	14.5	33.3	29.8	Freedom Mortgage	91,806	6.35	23	16.2	34.8	30.8	United Shore (Retained)	15,405	6.35	11	13.2	34.8	31.4
10	Carrington	17,253	6.30	41	12.3	24.1	21.7	CrossCountry Mortgage	12,060	6.49	17	16.0	35.5	31.4	New Day	1,019	7.20	17	12.7	71.0	66.4
11	United Shore (Retained)	20,291	6.12	11	11.1	34.6	31.8	Carrington	14,922	6.37	41	11.1	25.5	23.2	CrossCountry Mortgage	9,040	6.60	17	10.6	32.5	29.9
12	Nations Lending Corporation	1,460	6.57	22	9.9	29.9	27.6	Nations Lending Corporation	1,370	6.61	21	3.8	30.5	29.5	Carrington	11,744	6.50	39	9.3	24.4	22.6
13	Planet Home Lending	36,133	6.32	22	3.5	25.0	24.3	Selene Finance	1,532	6.52	24	3.4	28.8	28.0	Nations Lending Corporation	1,162	6.70	20	3.3	28.1	27.3
14	Lakeview	66,475	6.38	30	-0.8	23.0	23.1	Planet Home Lending	31,686	6.36	22	2.2	26.4	25.9	Planet Home Lending	24,045	6.46	21	1.8	24.7	24.3
15	New Day	1,399	6.99	18	-4.1	62.9	64.5	Lakeview	60,303	6.44	29	-0.9	25.1	25.3	Lakeview	48,664	6.55	27	0.6	24.2	24.0
16	Fifth Third	1,270	6.32	28	-5.3	26.9	28.2	New Day	1,216	7.05	19	-3.8	64.3	65.8	Selene Finance	1,221	6.63	23	-4.0	25.6	26.5
17	Nationstar	23,625	6.45	38	-6.0	23.8	25.2	Mortgage Research Center	13,324	6.33	18	-5.4	46.6	48.6	Nationstar	16,272	6.60	35	-4.1	25.6	26.6
18	NewRez	36,763	6.36	21	-7.7	29.0	31.1	NewRez	33,118	6.40	21	-5.9	32.2	33.8	NewRez	25,583	6.51	20	-5.1	30.4	31.8
19	Mortgage Solutions of Colora	2,419	6.73	21	-9.8	42.7	46.1	Nationstar	21,195	6.49	36	-6.4	26.0	27.5	PennyMac	49,315	6.44	20	-6.3	23.2	24.6
20	New American Funding	8,233	6.51	22	-10.0	23.8	26.1	PennyMac	67,797	6.34	21	-9.7	23.8	26.1	Mortgage Research Center	10,179	6.46	17	-11.1	43.4	47.4
21	PennyMac	77,014	6.29	22	-11.3	22.1	24.5	Guaranteed Rate	2,565	6.38	13	-14.4	32.4	36.8	PHH Mortgage	3,221	6.41	18	-12.8	27.6	31.0
22	Mortgage Research Center	14,483	6.25	18	-16.0	37.0	42.5	New American Funding	7,508	6.55	21	-14.4	24.5	28.1	New American Funding	6,061	6.64	20	-13.6	23.3	26.4
23	Guaranteed Rate	3,085	6.34	13	-17.3	30.5	35.7	Mortgage Solutions of Colora	2,273	6.78	20	-17.0	42.3	48.6	Mortgage Solutions of Colora	1,867	6.89	18	-16.1	41.4	47.2
24	Truist Bank	2,716	6.32	43	-17.9	19.6	23.4	Movement Mortgage	2,721	6.53	13	-17.1	32.7	38.1	Guaranteed Rate	1,859	6.46	12	-17.9	29.4	34.7
25	BSI Financial	2,463	6.44	25	-18.1	25.3	30.0	Union Home Mortgage	3,591	6.57	19	-18.5	23.7	28.3	BSI Financial	1,798	6.58	23	-20.4	25.0	30.4
26	Union Home Mortgage	4,000	6.52	19	-19.5	21.6	26.2	BSI Financial	2,298	6.48	24	-19.8	27.0	32.5	Fifth Third	933	6.50	25	-20.8	25.0	30.5
27	Movement Mortgage	2,591	6.49	12	-21.1	29.1	35.4	PHH Mortgage	4,685	6.26	19	-21.2	26.3	32.1	Union Home Mortgage	2,893	6.68	18	-21.0	22.0	27.0
28	PHH Mortgage	5,851	6.20	19	-28.2	21.7	29.0	Huntington National Bank	1,178	6.61	26	-21.6	22.5	27.8	Movement Mortgage	2,641	6.63	12	-21.5	28.2	34.5
29	Selene Finance	1,565	6.47	26	-34.7	16.8	24.7	Truist Bank	2,497	6.36	41	-22.8	20.3	25.5	Huntington National Bank	1,012	6.71	24	-22.7	21.5	26.9
30	Chase	2,657	6.43	33	-34.8	17.0	25.0	Essex Mortgage	5,744	7.15	23	-30.8	17.8	24.7	Truist Bank	1,995	6.46	39	-23.7	18.9	24.1
31	Smaller Servicers	43,105	6.47	34	-35.4	16.9	25.0	Chase	2,296	6.46	33	-32.5	18.3	26.0	Essex Mortgage	5,271	7.19	22	-27.0	18.2	24.1
32	Essex Mortgage	6,038	7.14	24	-40.4	15.4	24.6	Smaller Servicers	39,457	6.52	33	-36.0	18.1	26.9	Chase	1,687	6.55	33	-32.2	17.2	24.4
33	Guild Mortgage	8,120	6.40	23	-43.2	16.7	27.7	The Money Source	1,621	6.66	22	-39.3	16.4	25.6	The Money Source	1,394	6.77	20	-35.4	17.1	25.3
34	Fairway	1,967	6.43	10	-44.2	20.6	34.1	Guild Mortgage	7,297	6.45	22	-39.8	19.5	30.3	Smaller Servicers	32,600	6.64	32	-37.1	16.9	25.6
35	The Money Source	1,950	6.61	22	-46.0	13.5	23.6	CMG Mortgage	3,679	6.31	11	-43.4	21.5	34.9	CMG Mortgage	2,186	6.39	11	-41.1	21.7	34.2
36	CMG Mortgage	4,614	6.27	11	-47.8	18.2	32.1	Fairway	1,498	6.46	10	-44.1	21.0	34.6	Guild Mortgage	5,789	6.56	21	-41.2	18.2	29.0
37	Utah HFA	2,743	6.46	21	-49.9	12.7	23.9	Citizens Bank	1,478	6.41	25	-49.9	14.2	26.5	Citizens Bank	1,213	6.52	23	-45.4	14.4	24.9
38	Colorado HFA	3,935	6.64	24	-50.9	13.2	25.2	Utah HFA	2,479	6.50	20	-50.8	12.6	24.1	Utah HFA	1,957	6.59	19	-49.1	12.2	22.6
39	Citizens Bank	1,605	6.36	27	-51.3	12.5	24.1	Colorado HFA	3,640	6.68	23	-53.3	12.8	25.6	Colorado HFA	3,177	6.74	21	-53.2	11.8	23.7
40	KENTUCKY HOUSING CORP.	1,295	6.46	26	-51.6	8.9	17.6	KENTUCKY HOUSING CORP.	1,176	6.50	26	-55.1	8.8	18.7	KENTUCKY HOUSING CORP.	960	6.60	24	-53.4	8.8	18.1
41	Navy Federal Credit Union	8,855	6.00	21	-57.6	15.0	32.1	Click N Close.	3,130	7.13	17	-56.6	10.9	23.5	Click N Close.	2,726	7.19	17	-54.7	10.9	22.6
42	U.S. Bank	16,758	6.53	30	-60.3	9.5	22.4	U.S. Bank	15,287	6.58	29	-60.1	10.2	23.8	U.S. Bank	12,631	6.67	26	-58.7	9.9	22.5
43	Click N Close.	3,460	7.09	18	-62.1	9.6	23.6	Navy Federal Credit Union	7,316	6.05	20	-64.1	14.6	35.9	Navy Federal Credit Union	4,691	6.12	19	-63.8	14.1	34.6
44	Idaho HFA	9,853	6.59	25	-67.2	6.6	18.8	Idaho HFA	9,090	6.64	24	-64.5	7.4	19.6	Idaho HFA	7,650	6.73	22	-64.5	6.7	17.9
45	Alabama HFA	2,345	6.61	27	-76.2	5.2	20.3	Alabama HFA	2,152	6.65	26	-75.8	5.5	21.0	Alabama HFA	1,856	6.71	24	-73.2	5.6	19.5

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Fixed 30yr, Out-of-the-money

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Colorado HFA	4,764	3.73	63	123.1	13.1	6.1	Colorado HFA	4,972	3.78	61	70.1	10.7	6.4	Village Capital	9,038	5.06	29	46.2	12.3	8.6
2	MidFirst Bank	8,701	3.97	104	49.2	10.2	7.0	Village Capital	7,753	4.88	33	38.8	10.6	7.8	Colorado HFA	5,319	3.86	57	32.9	8.8	6.7
3	United Shore (Retained)	7,216	5.49	14	43.4	8.5	6.0	United Shore (Retained)	11,907	5.49	13	31.2	10.0	7.7	loanDepot.com	30,099	3.49	47	22.5	8.4	6.9
4	Village Capital	6,935	4.76	35	41.2	8.9	6.4	MidFirst Bank	8,851	4.00	104	23.9	8.8	7.1	United Shore (Retained)	19,109	5.42	15	18.1	8.6	7.3
5	Virginia HFA	3,708	3.60	77	40.4	8.0	5.7	loanDepot.com	28,547	3.40	51	23.4	7.5	6.1	Rocket	83,413	3.48	53	17.8	8.6	7.4
6	loanDepot.com	27,497	3.34	53	22.7	6.7	5.5	Selene Finance	3,526	3.57	50	21.6	7.5	6.2	Sun West	8,773	3.33	55	16.0	7.5	6.5
7	Sun West	8,173	3.23	60	20.0	6.5	5.4	Virginia HFA	3,782	3.61	75	21.4	7.5	6.2	MidFirst Bank	8,992	4.08	105	15.5	8.6	7.4
8	Regions Bank	3,015	3.94	94	13.4	7.6	6.8	Rocket	76,663	3.33	58	20.3	8.0	6.7	Virginia HFA	3,931	3.64	72	14.3	7.7	6.7
9	Rocket	72,329	3.21	62	11.6	6.7	6.0	Sun West	8,395	3.28	58	13.2	6.7	5.9	Selene Finance	3,804	3.71	46	10.3	7.6	6.9
10	United Shore (Sold)	5,639	4.05	54	11.6	6.8	6.1	M&T Bank	22,720	3.44	65	12.2	7.0	6.2	The Money Source	14,558	3.60	71	9.1	7.9	7.2
11	Chase	7,437	4.26	148	11.2	7.2	6.5	Regions Bank	3,117	3.97	92	11.6	8.1	7.3	Regions Bank	3,329	4.05	87	5.7	8.2	7.8
12	M&T Bank	22,412	3.44	66	10.9	6.4	5.7	Chase	7,678	4.29	145	7.4	7.3	6.8	PHH Mortgage	15,416	4.52	58	5.5	7.4	7.0
13	Huntington National Bank	3,460	3.67	78	10.3	7.2	6.5	United Shore (->Carrington)	22,619	3.33	46	5.5	6.1	5.8	BSI Financial	6,782	3.65	56	5.4	7.7	7.3
14	United Shore (->Carrington)	23,851	3.44	45	7.5	6.0	5.6	Huntington National Bank	3,567	3.71	76	5.4	7.5	7.2	Chase	8,173	4.35	139	4.5	7.3	7.0
15	BSI Financial	6,645	3.46	61	7.0	6.3	5.9	The Money Source	12,312	3.62	77	5.3	6.9	6.6	CrossCountry Mortgage	16,128	3.66	46	4.4	7.3	7.0
16	Planet Home Lending	51,177	3.48	54	5.2	6.2	5.9	Movement Mortgage	6,244	3.09	56	5.2	6.5	6.1	M&T Bank	23,360	3.45	62	4.2	7.1	6.9
17	Truist Bank	14,952	3.70	101	4.4	6.8	6.5	BSI Financial	6,875	3.51	59	4.6	6.9	6.6	Freedom Mortgage	302,589	3.58	53	3.8	7.0	6.8
18	New American Funding	12,940	3.51	60	4.3	6.1	5.9	Planet Home Lending	54,151	3.58	52	3.6	6.9	6.7	Movement Mortgage	7,124	3.37	49	3.6	7.3	7.0
19	Selene Finance	3,366	3.49	52	3.8	5.6	5.4	United Shore (Sold)	5,702	4.05	52	3.5	6.8	6.6	Carrington	94,405	3.67	68	2.8	7.4	7.2
20	CrossCountry Mortgage	14,331	3.45	52	2.8	5.7	5.5	Freedom Mortgage	294,826	3.53	57	3.2	6.3	6.1	United Shore (->Lakeview)	48,544	4.11	42	2.1	7.7	7.6
21	PNC Mortgage	5,044	3.88	122	1.7	6.8	6.7	PHH Mortgage	14,873	4.46	61	2.7	6.5	6.3	United Shore (->Carrington)	20,193	3.13	46	1.8	6.3	6.2
22	The Money Source	12,078	3.60	79	1.7	6.1	6.0	United Shore (->Lakeview)	43,360	3.92	46	2.2	6.8	6.7	Planet Home Lending	58,242	3.73	47	1.4	7.5	7.4
23	Freedom Mortgage	287,672	3.49	59	1.5	5.6	5.5	Wintrust Mortgage	3,780	3.40	59	1.5	7.9	7.8	Huntington National Bank	3,782	3.78	72	0.6	7.9	7.8
24	Movement Mortgage	6,124	3.07	58	1.3	5.7	5.6	Carrington	92,158	3.58	71	1.3	6.6	6.5	Wintrust Mortgage	3,995	3.47	55	0.2	8.7	8.7
25	Carrington	93,693	3.51	72	1.2	5.9	5.9	New American Funding	13,546	3.59	57	1.2	6.7	6.6	Truist Bank	16,186	3.79	95	-0.4	7.6	7.7
26	United Shore (->Lakeview)	42,506	3.89	47	0.9	5.8	5.8	CrossCountry Mortgage	14,907	3.52	50	-0.5	6.2	6.2	New American Funding	14,761	3.73	52	-0.6	7.3	7.4
27	PHH Mortgage	14,761	4.42	61	0.4	5.6	5.6	Truist Bank	15,331	3.73	100	-0.9	7.0	7.0	United Shore (Sold)	4,410	4.01	54	-1.2	6.8	6.9
28	Wells Fargo	42,408	3.83	134	-0.6	6.6	6.6	NewRez	96,171	3.50	59	-1.3	6.3	6.4	PennyMac	228,866	3.74	55	-1.8	7.1	7.2
29	NewRez	93,774	3.47	61	-1.8	5.7	5.8	PNC Mortgage	4,928	3.91	121	-1.6	7.0	7.1	NewRez	101,697	3.59	55	-2.7	6.9	7.1
30	Smaller Servicers	97,244	3.76	66	-2.9	5.8	6.0	Wells Fargo	51,657	3.80	128	-2.2	6.8	7.0	PNC Mortgage	5,042	3.96	120	-2.8	7.4	7.6
31	Wintrust Mortgage	3,665	3.35	61	-3.5	6.7	6.9	PennyMac	214,361	3.66	59	-3.6	6.2	6.5	Lakeview	253,701	3.78	63	-4.0	7.0	7.2
32	PennyMac	204,146	3.63	61	-3.7	5.6	5.8	Lakeview	241,522	3.69	67	-4.9	6.2	6.5	Smaller Servicers	113,410	3.95	60	-4.1	7.0	7.3
33	Nationstar	123,242	3.64	87	-5.0	5.8	6.1	Smaller Servicers	101,479	3.81	65	-5.5	6.3	6.6	Wells Fargo	64,294	3.80	123	-4.2	7.1	7.4
34	Lakeview	233,689	3.64	69	-5.9	5.5	5.9	Nationstar	117,906	3.67	83	-6.5	6.2	6.6	Nationstar	117,252	3.73	78	-5.4	6.8	7.2
35	Guild Mortgage	17,115	3.56	65	-7.7	5.6	6.1	Citizens Bank	10,880	3.47	70	-8.6	5.9	6.5	Citizens Bank	11,376	3.53	66	-8.6	6.5	7.1
36	Navy Federal Credit Union	23,084	3.39	70	-8.5	6.4	7.0	Fifth Third	4,713	3.99	110	-9.7	6.4	7.0	Essex Mortgage	5,096	4.20	47	-9.2	5.9	6.5
37	Citizens Bank	10,643	3.45	72	-8.6	5.4	5.9	Guild Mortgage	17,799	3.62	62	-10.3	6.0	6.7	Guild Mortgage	19,105	3.74	58	-9.6	6.7	7.4
38	Fifth Third	4,581	3.96	113	-9.3	6.0	6.6	Mortgage Research Center	19,174	3.46	49	-12.6	6.9	7.8	Mortgage Research Center	20,989	3.63	45	-11.2	8.1	9.1
39	Mortgage Research Center	17,912	3.33	52	-9.8	6.2	6.8	Alabama HFA	3,056	4.19	73	-13.5	5.9	6.7	Alabama HFA	3,170	4.23	71	-11.7	6.4	7.2
40	U.S. Bank	38,792	3.85	84	-12.4	5.4	6.2	U.S. Bank	40,150	3.90	82	-13.7	5.8	6.7	U.S. Bank	42,803	3.98	77	-12.4	6.4	7.3
41	Essex Mortgage	4,707	4.11	52	-20.4	4.3	5.3	Essex Mortgage	4,828	4.14	50	-14.0	5.0	5.8	Fifth Third	4,983	4.06	105	-12.9	6.6	7.5
42	Idaho HFA	11,189	3.81	64	-20.5	4.4	5.5	Navy Federal Credit Union	24,488	3.50	67	-18.0	6.5	7.9	Pentagon Federal Credit Union	4,271	3.43	41	-19.9	6.7	8.3
43	Pentagon Federal Credit Union	3,758	3.18	47	-24.1	4.9	6.4	Idaho HFA	11,630	3.87	62	-21.5	4.8	6.1	Idaho HFA	12,484	3.97	58	-20.6	5.3	6.6
44	Banco Popular	3,689	3.96	130	-37.6	4.1	6.5	Pentagon Federal Credit Union	3,940	3.27	45	-21.5	5.7	7.2	Navy Federal Credit Union	26,677	3.65	61	-21.2	7.1	8.9
45	ORIENTAL BANK	3,025	3.95	95	-56.9	2.9	6.6	Banco Popular	3,775	3.98	129	-37.5	4.4	6.9	Banco Popular	3,902	4.01	127	-44.4	4.0	7.1

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Fixed 30yr, Total

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Village Capital	20,483	5.88	24	48.8	34.5	24.7	Rocket	102,222	4.08	49	51.0	16.5	11.2	Village Capital	19,027	5.90	23	50.3	33.2	23.4
2	AmeriHome Mortgage	14,142	6.50	14	47.0	33.9	24.4	Village Capital	20,011	5.88	24	47.6	35.5	25.6	Rocket	102,794	4.04	47	42.2	14.5	10.4
3	MidFirst Bank	9,815	4.25	119	44.8	10.5	7.4	AmeriHome Mortgage	12,447	6.54	14	31.1	31.1	24.6	AmeriHome Mortgage	12,767	6.55	14	29.5	26.8	21.4
4	Sun West	10,465	3.94	51	32.8	15.1	11.6	loanDepot.com	36,562	4.06	44	28.8	13.7	10.8	loanDepot.com	36,202	4.00	42	27.1	12.7	10.1
5	loanDepot.com	36,618	4.08	45	32.2	13.4	10.3	Sun West	10,407	3.90	51	26.6	14.5	11.6	Sun West	10,288	3.82	49	25.6	12.9	10.4
6	Rocket	101,579	4.09	50	31.8	13.8	10.7	MidFirst Bank	9,885	4.27	118	22.5	9.1	7.5	United Shore (->Lakeview)	71,297	4.85	36	16.0	15.5	13.5
7	Freedom Mortgage	388,336	4.22	49	18.9	14.1	12.0	United Shore (->Lakeview)	75,823	4.95	36	21.4	18.6	15.6	MidFirst Bank	9,912	4.32	117	14.5	8.9	7.8
8	United Shore (->Lakeview)	82,345	5.05	36	18.2	17.9	15.4	United Shore (Retained)	32,399	5.95	12	18.4	28.5	24.7	Wintrust Mortgage	4,582	3.86	50	14.4	13.8	12.2
9	United Shore (Retained)	27,507	5.96	12	12.8	28.5	25.7	CrossCountry Mortgage	26,967	4.85	35	13.1	20.6	18.4	United Shore (Retained)	34,514	5.83	14	14.2	21.3	18.9
10	CrossCountry Mortgage	28,599	4.94	35	12.8	20.6	18.5	Freedom Mortgage	386,633	4.20	49	11.5	13.9	12.6	Freedom Mortgage	371,469	4.12	47	10.0	12.6	11.5
11	United Shore (Sold)	5,639	4.05	54	11.6	6.8	6.1	Selene Finance	5,058	4.47	42	9.1	14.5	13.4	CrossCountry Mortgage	25,168	4.72	36	8.9	17.2	15.9
12	M&T Bank	23,012	3.52	66	7.8	6.7	6.2	M&T Bank	23,263	3.51	64	8.8	7.2	6.7	Carrington	106,149	3.98	65	4.7	9.4	9.0
13	Carrington	110,946	3.94	67	6.0	9.0	8.5	Carrington	107,080	3.97	67	5.1	9.4	9.0	M&T Bank	23,780	3.51	61	2.2	7.3	7.1
14	United Shore (->Carrington)	24,781	3.53	44	5.3	6.9	6.6	United Shore (Sold)	5,703	4.05	52	3.5	6.8	6.6	Selene Finance	5,026	4.42	40	2.0	12.3	12.1
15	Planet Home Lending	87,310	4.65	41	3.9	14.5	14.0	United Shore (->Carrington)	23,218	3.39	45	3.2	6.6	6.4	Planet Home Lending	82,287	4.53	40	1.6	12.9	12.7
16	Wells Fargo	43,063	3.86	134	-2.3	6.6	6.8	Planet Home Lending	85,837	4.61	41	2.6	14.6	14.2	United Shore (->Carrington)	20,493	3.17	46	0.8	6.6	6.5
17	Lakeview	300,165	4.25	61	-3.1	9.7	10.0	Lakeview	301,825	4.24	60	-2.8	10.3	10.6	Lakeview	302,366	4.23	57	-2.1	10.0	10.2
18	PNC Mortgage	5,790	4.21	122	-3.2	8.2	8.5	Wells Fargo	52,376	3.83	128	-4.0	6.9	7.2	The Money Source	15,953	3.87	66	-2.9	8.7	9.0
19	Truist Bank	17,668	4.10	92	-4.9	8.9	9.3	NewRez	129,289	4.25	49	-4.4	13.7	14.2	PennyMac	278,181	4.22	49	-3.8	10.2	10.5
20	Nationstar	146,867	4.09	79	-5.5	9.0	9.5	PNC Mortgage	5,597	4.22	121	-5.8	8.4	8.9	PHH Mortgage	18,637	4.85	51	-3.9	11.2	11.6
21	NewRez	130,537	4.28	50	-6.0	12.9	13.6	Nationstar	139,101	4.10	76	-6.5	9.5	10.1	NewRez	127,280	4.18	48	-4.1	12.1	12.6
22	New American Funding	21,173	4.68	45	-6.6	13.4	14.3	Mortgage Research Center	32,498	4.64	36	-6.5	25.7	27.2	Nationstar	133,525	4.08	73	-4.9	9.3	9.8
23	Fifth Third	5,851	4.47	94	-7.0	10.9	11.7	PennyMac	282,159	4.30	50	-7.2	10.8	11.6	Wells Fargo	65,019	3.83	123	-5.5	7.1	7.5
24	PennyMac	281,160	4.36	50	-8.6	10.4	11.3	Fifth Third	5,864	4.46	94	-7.8	11.6	12.5	PNC Mortgage	5,596	4.22	120	-6.5	8.3	8.9
25	BSI Financial	9,108	4.27	52	-10.1	11.8	13.1	Truist Bank	17,828	4.10	91	-9.5	9.0	9.9	Truist Bank	18,181	4.09	89	-7.3	8.9	9.6
26	Colorado HFA	8,699	5.04	45	-14.6	13.2	15.2	New American Funding	21,054	4.65	44	-10.1	13.5	14.9	New American Funding	20,822	4.58	43	-8.6	12.3	13.3
27	Mortgage Research Center	32,395	4.64	37	-15.1	21.4	24.7	Huntington National Bank	4,746	4.43	64	-10.5	11.5	12.7	BSI Financial	8,580	4.27	49	-8.9	11.6	12.7
28	Movement Mortgage	8,715	4.09	44	-15.7	13.3	15.6	The Money Source	13,933	3.97	71	-10.9	8.1	9.0	Mortgage Research Center	31,167	4.56	36	-11.1	21.4	23.8
29	Chase	10,095	4.83	117	-16.6	9.9	11.7	BSI Financial	9,173	4.26	50	-11.4	12.3	13.8	Huntington National Bank	4,794	4.40	62	-11.2	10.9	12.2
30	The Money Source	14,028	4.02	71	-17.9	7.2	8.7	Movement Mortgage	8,965	4.14	43	-11.9	15.3	17.2	Chase	9,860	4.73	121	-11.6	9.1	10.2
31	Smaller Servicers	160,353	4.64	56	-18.8	11.9	14.4	PHH Mortgage	19,558	4.89	51	-12.8	11.6	13.2	Virginia HFA	4,549	4.07	65	-12.4	8.0	9.0
32	Union Home Mortgage	4,731	6.29	22	-19.3	19.3	23.4	Chase	9,974	4.79	119	-14.9	10.0	11.6	Movement Mortgage	9,765	4.25	39	-13.4	13.4	15.4
33	PHH Mortgage	20,612	4.92	49	-19.6	10.5	12.9	Smaller Servicers	159,472	4.67	54	-19.3	12.3	15.1	Fifth Third	5,916	4.44	93	-16.5	9.7	11.6
34	Selene Finance	4,931	4.44	44	-23.2	9.3	12.0	Colorado HFA	8,612	5.00	45	-24.1	11.6	15.1	Smaller Servicers	159,752	4.66	52	-17.3	11.6	13.9
35	Citizens Bank	12,249	3.83	66	-25.8	6.4	8.5	Citizens Bank	12,358	3.83	65	-24.4	7.0	9.1	Citizens Bank	12,590	3.81	62	-19.3	7.3	9.0
36	Pentagon Federal Credit Unio	4,917	3.85	41	-26.5	9.7	13.0	Essex Mortgage	10,572	5.78	36	-28.2	12.2	16.6	Essex Mortgage	10,367	5.72	34	-23.6	12.4	15.9
37	Guild Mortgage	25,234	4.47	51	-32.8	9.3	13.6	Pentagon Federal Credit Unio	4,924	3.83	40	-28.7	10.1	13.9	Colorado HFA	8,497	4.94	44	-27.3	9.9	13.4
38	Essex Mortgage	10,745	5.81	36	-37.8	10.7	16.7	Guild Mortgage	25,096	4.45	51	-30.3	10.1	14.2	Pentagon Federal Credit Unio	4,901	3.78	38	-27.6	9.1	12.3
39	Navy Federal Credit Union	31,939	4.11	57	-41.4	8.9	14.7	U.S. Bank	55,437	4.64	67	-41.4	7.0	11.7	Guild Mortgage	24,894	4.39	49	-27.7	9.5	12.9
40	Utah HFA	4,922	5.21	39	-42.4	9.6	16.1	CMG Mortgage	5,033	6.07	12	-42.7	17.2	28.1	U.S. Bank	55,434	4.59	66	-35.4	7.2	11.0
41	U.S. Bank	55,550	4.66	68	-42.6	6.7	11.4	Utah HFA	4,778	5.17	39	-43.2	9.2	15.7	Utah HFA	4,549	5.09	38	-37.6	8.7	13.6
42	CMG Mortgage	5,847	6.07	12	-46.7	15.4	27.1	Navy Federal Credit Union	31,804	4.08	56	-46.3	8.4	15.2	Navy Federal Credit Union	31,368	4.02	55	-40.1	8.1	13.2
43	Click N Close.	6,008	5.73	41	-55.1	7.7	16.3	Click N Close.	5,747	5.66	42	-48.9	8.3	15.7	Click N Close.	5,641	5.53	42	-44.5	8.2	14.4
44	Idaho HFA	21,042	5.11	46	-56.1	5.4	12.0	Idaho HFA	20,720	5.08	45	-52.9	5.9	12.2	Idaho HFA	20,134	5.02	44	-48.7	5.8	11.1
45	Alabama HFA	5,328	5.25	53	-59.4	5.3	12.7	Alabama HFA	5,208	5.21	53	-57.3	5.7	12.9	Alabama HFA	5,026	5.14	53	-50.3	6.1	12.0

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Fixed 15yr, In-the-money

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Rocket	35	5.92	14	75.4	50.6	32.8	Rocket	29	5.95	14	62.8	47.7	32.5	Rocket	17	6.02	13	50.5	46.9	34.0
2	Lakeview	27	5.75	14	33.9	46.2	36.9	Lakeview	18	5.79	15	27.1	40.8	33.7	Lakeview	10	5.87	15	23.1	46.5	39.7
3	Smaller Servicers	76	5.87	14	-6.3	32.3	34.1	PennyMac	13	5.49	12	6.0	11.1	10.5	Smaller Servicers	40	5.87	14	-3.6	28.8	29.7
4	PennyMac	18	5.51	12	-14.1	11.1	12.8	Smaller Servicers	58	5.90	14	-4.3	34.2	35.5	NewRez	12	5.92	10	-33.6	20.0	28.6
5	NewRez	29	5.84	11	-34.1	18.7	27.1	NewRez	22	5.86	10	-33.5	20.3	29.0	Nationstar	11	5.87	17	-35.5	18.4	27.2
6	Nationstar	25	5.75	17	-42.1	16.8	27.3	Nationstar	19	5.81	17	-37.1	17.7	26.8	Navy Federal Credit Union	14	5.73	15	-40.3	16.8	26.6
7	Navy Federal Credit Union	34	5.66	14	-43.3	20.2	33.1	Navy Federal Credit Union	25	5.69	14	-42.3	17.3	28.1							

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Ginnie Mae: Fixed 15yr, Out-of-the-money

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	SUPREME LENDING	13	2.76	54	114.1	16.7	8.2	Wells Fargo	33	3.21	133	52.6	36.0	25.2	BOK Financial	14	3.37	107	28.2	22.1	17.7
2	loanDepot.com	544	2.83	65	37.5	15.4	11.4	United Shore (Retained)	15	5.26	10	47.5	27.6	19.6	Movement Mortgage	21	2.53	51	20.0	9.8	8.2
3	Huntington National Bank	49	3.32	72	28.8	10.5	8.2	Movement Mortgage	20	2.54	54	28.7	10.5	8.3	Wells Fargo	94	3.14	132	18.8	26.4	22.7
4	United Shore (->Lakeview)	133	3.32	50	16.8	13.9	12.0	First Federal Bank	16	2.91	61	25.2	12.2	9.8	Village Capital	17	2.96	59	17.4	14.0	12.1
5	Movement Mortgage	20	2.58	55	16.1	9.2	8.0	Village Capital	17	3.10	58	22.4	13.8	11.4	loanDepot.com	581	2.80	62	14.0	12.3	10.9
6	New American Funding	56	3.03	60	16.0	12.4	10.8	loanDepot.com	557	2.82	64	18.9	13.0	11.1	Freedom Mortgage	1,621	2.86	70	8.4	12.5	11.6
7	United Shore (Retained)	13	5.39	8	14.6	27.3	24.3	United Shore (->Lakeview)	128	3.20	51	16.9	12.2	10.5	United Shore (->Carrington)	26	2.90	40	8.1	11.3	10.5
8	Arvest Mortgage	26	2.97	65	12.8	15.0	13.4	SUPREME LENDING	14	2.76	52	14.0	9.2	8.1	SUPREME LENDING	14	2.76	49	7.8	8.6	8.0
9	Freedom Mortgage	1,502	2.86	74	10.4	12.7	11.6	Freedom Mortgage	1,550	2.86	73	8.8	12.4	11.4	Arvest Mortgage	28	2.94	63	7.1	14.7	13.8
10	Guild Mortgage	36	2.91	65	6.9	11.2	10.5	Arvest Mortgage	27	2.99	64	8.2	13.5	12.5	First Federal Bank	17	2.90	59	6.9	12.6	11.8
11	Rocket	2,256	3.09	69	5.5	13.0	12.3	Rocket	2,302	3.07	68	7.2	13.1	12.2	United Shore (->Lakeview)	132	3.17	49	6.6	11.9	11.2
12	Truist Bank	148	3.22	101	3.7	15.4	14.9	Planet Home Lending	155	3.02	59	6.9	11.6	10.9	RELIANCE FIRST CAPITAL LLC	35	3.44	60	6.5	11.3	10.6
13	Chase	61	3.58	112	3.1	26.8	26.1	MYCUMORTGAGE LLC	16	3.01	85	4.2	14.2	13.6	Planet Home Lending	162	3.00	58	6.3	12.2	11.5
14	MYCUMORTGAGE LLC	16	3.01	86	2.8	13.8	13.4	NBKC Bank	22	2.64	62	2.8	10.1	9.8	Rocket	2,412	3.04	67	6.0	12.8	12.1
15	NewRez	584	3.11	68	-2.5	10.9	11.2	Truist Bank	154	3.22	100	2.4	14.6	14.3	Wintrust Mortgage	82	2.76	56	4.9	11.3	10.8
16	Citizens Bank	90	3.00	75	-2.9	11.8	12.2	PennyMac	620	3.05	75	-1.4	12.0	12.2	CrossCountry Mortgage	20	3.43	39	4.7	12.7	12.1
17	Nationstar	1,668	3.35	85	-3.2	13.5	14.0	Nationstar	1,704	3.35	84	-1.9	13.2	13.5	First Bank	15	2.95	70	1.5	11.5	11.4
18	CrossCountry Mortgage	27	3.99	33	-3.2	10.9	11.2	Chase	66	3.54	116	-4.4	23.8	24.8	PennyMac	656	3.03	74	1.1	12.5	12.4
19	U.S. Bank	79	3.32	121	-3.8	19.4	20.1	Smaller Servicers	309	3.28	76	-4.8	11.9	12.5	Guild Mortgage	39	2.92	61	0.2	10.4	10.4
20	PennyMac	602	3.05	76	-5.0	11.9	12.4	Lakeview	1,004	3.28	80	-5.3	12.4	13.1	Nationstar	1,803	3.34	82	-1.0	13.5	13.6
21	Planet Home Lending	151	3.02	60	-5.1	9.8	10.3	Wintrust Mortgage	78	2.75	60	-5.7	9.7	10.2	Carrington	510	3.15	76	-1.6	12.1	12.3
22	Lakeview	977	3.29	81	-5.7	12.7	13.4	Huntington National Bank	50	3.32	71	-6.0	8.9	9.4	U.S. Bank	95	3.31	120	-2.4	18.5	18.9
23	Amerisave Mortgage	29	4.99	13	-5.9	20.7	21.8	CrossCountry Mortgage	23	3.71	37	-6.0	12.0	12.8	Smaller Servicers	331	3.31	70	-2.7	12.4	12.7
24	Carrington	468	3.13	77	-7.0	10.9	11.7	Carrington	483	3.13	77	-6.3	11.0	11.7	Chase	78	3.48	121	-3.5	23.4	24.1
25	Navy Federal Credit Union	704	2.88	75	-8.8	12.1	13.2	New American Funding	57	3.02	59	-6.7	9.7	10.4	Truist Bank	167	3.22	98	-4.5	14.0	14.6
26	Fifth Third	50	3.19	97	-11.4	14.5	16.2	RELIANCE FIRST CAPITAL LLC	33	3.46	62	-8.5	9.8	10.7	Sun West	17	2.97	75	-5.0	10.0	10.5
27	M&T Bank	54	3.44	105	-11.6	15.6	17.5	U.S. Bank	84	3.32	120	-8.6	17.9	19.4	Lakeview	1,059	3.26	80	-5.3	12.5	13.2
28	Smaller Servicers	291	3.32	77	-14.2	11.3	13.0	Mortgage Research Center	93	2.78	47	-8.7	8.7	9.5	Mortgage Research Center	95	2.72	45	-5.4	9.1	9.6
29	PHH Mortgage	63	3.39	72	-16.9	10.2	12.1	NewRez	591	3.08	68	-9.2	10.1	11.1	Amerisave Mortgage	24	4.89	11	-5.6	16.3	17.2
30	United Shore (->Carrington)	25	2.98	43	-19.2	12.3	15.0	Guild Mortgage	37	2.91	64	-11.1	9.9	11.0	New American Funding	59	3.00	56	-5.8	9.4	10.0
31	PNC Mortgage	87	3.22	98	-21.9	12.8	16.1	Navy Federal Credit Union	723	2.88	74	-11.5	11.1	12.4	The Money Source	44	3.33	90	-6.1	11.6	12.3
32	Village Capital	17	3.11	59	-22.2	7.5	9.6	BSI Financial	13	3.07	63	-13.8	8.5	9.8	MYCUMORTGAGE LLC	18	3.01	83	-8.1	14.2	15.3
33	Pentagon Federal Credit Unio	86	2.67	51	-28.6	6.4	8.8	First Bank	14	2.95	73	-14.3	9.4	10.9	Navy Federal Credit Union	764	2.86	73	-10.7	11.2	12.4
34	The Money Source	37	3.37	98	-28.7	9.1	12.5	Citizens Bank	92	3.00	74	-14.6	9.7	11.3	NewRez	611	3.04	66	-11.4	9.9	11.1
35	Wintrust Mortgage	76	2.75	61	-29.0	7.9	10.9	Fifth Third	52	3.19	96	-16.3	13.2	15.5	PHH Mortgage	66	3.32	76	-13.5	11.7	13.4
36	First Bank	14	2.95	75	-29.0	7.0	9.7	M&T Bank	57	3.44	104	-16.6	13.7	16.2	Fifth Third	57	3.20	96	-13.5	13.8	15.8
37	FHLB Chicago	30	2.88	88	-31.3	9.5	13.6	Amerisave Mortgage	25	4.93	13	-18.1	19.2	23.0	M&T Bank	63	3.45	103	-16.0	13.5	15.9
38	First Federal Bank	16	2.95	62	-32.5	7.0	10.2	The Money Source	38	3.37	97	-22.0	9.7	12.3	Huntington National Bank	52	3.32	69	-18.5	8.8	10.7
39	RELIANCE FIRST CAPITAL LLC	33	3.47	63	-33.3	7.1	10.5	Sun West	16	2.98	77	-23.0	8.0	10.3	Citizens Bank	97	3.00	72	-19.4	9.2	11.3
40	Banco Popular	32	3.45	129	-33.4	13.1	19.1	PHH Mortgage	64	3.37	73	-23.6	9.7	12.5	PNC Mortgage	97	3.22	96	-20.4	12.6	15.6
41	Mortgage Research Center	91	2.78	49	-35.4	6.4	9.7	United Shore (->Carrington)	26	2.97	42	-26.4	9.0	12.0	FHLB Chicago	33	2.89	84	-22.0	10.3	13.0
42	BSI Financial	13	3.07	65	-38.9	6.3	10.1	PNC Mortgage	90	3.22	97	-27.2	11.5	15.5	NBKC Bank	23	2.64	59	-25.4	6.9	9.1
43	ORIENTAL BANK	20	3.17	103	-47.6	7.6	14.1	FHLB Chicago	31	2.88	87	-30.2	9.2	12.9	Pentagon Federal Credit Unio	90	2.65	46	-35.3	6.1	9.2
44	Sun West	16	2.97	79	-48.7	6.5	12.2	Pentagon Federal Credit Unio	87	2.67	49	-35.1	5.6	8.6	Banco Popular	38	3.49	128	-40.6	11.3	18.3
45	NBKC Bank	21	2.64	64	-64.8	3.0	8.2	Banco Popular	34	3.46	128	-38.3	11.5	18.1	ORIENTAL BANK AND TRUST	16	3.15	101	-45.2	7.0	12.5

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Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Fixed 15yr, Total

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	SUPREME LENDING	13	2.76	54	114.1	16.7	8.2	Wells Fargo	33	3.22	133	52.6	35.9	25.2	United Shore (Retained)	16	5.32	9	48.4	25.8	18.1
2	loanDepot.com	550	2.87	64	34.5	15.8	12.0	United Shore (Retained)	21	5.40	10	47.2	30.1	21.5	Village Capital	18	3.03	58	29.5	18.1	14.3
3	Movement Mortgage	20	2.62	54	30.2	10.7	8.3	Village Capital	18	3.20	57	41.4	21.6	15.8	Movement Mortgage	21	2.54	51	23.3	10.1	8.3
4	United Shore (Retained)	22	5.53	8	24.0	30.8	25.6	Movement Mortgage	20	2.56	53	35.3	11.2	8.4	Wells Fargo	94	3.14	132	18.8	26.4	22.7
5	Huntington National Bank	49	3.35	72	23.6	10.4	8.5	First Federal Bank	17	2.97	60	19.5	14.6	12.4	loanDepot.com	584	2.82	61	13.7	12.5	11.1
6	New American Funding	58	3.10	59	20.5	14.2	11.9	loanDepot.com	563	2.85	63	17.9	13.4	11.5	CrossCountry Mortgage	22	3.59	38	10.6	16.9	15.4
7	CrossCountry Mortgage	32	4.27	29	13.6	22.5	20.1	SUPREME LENDING	14	2.76	52	14.0	9.2	8.1	Freedom Mortgage	1,625	2.87	70	8.6	12.5	11.6
8	Freedom Mortgage	1,508	2.87	74	11.9	13.0	11.7	Freedom Mortgage	1,555	2.87	73	9.2	12.5	11.5	United Shore (->Carrington)	26	2.90	40	8.1	11.3	10.5
9	Rocket	2,291	3.13	68	8.7	13.7	12.7	Rocket	2,331	3.10	68	9.2	13.6	12.5	SUPREME LENDING	14	2.76	49	7.8	8.6	8.0
10	Arvest Mortgage	27	3.11	62	8.0	14.5	13.5	United Shore (->Lakeview)	133	3.29	50	6.9	12.6	11.9	Rocket	2,429	3.06	67	7.0	13.1	12.3
11	Guild Mortgage	36	2.91	65	6.9	11.2	10.5	Planet Home Lending	155	3.03	59	6.8	11.6	10.9	Planet Home Lending	162	3.00	58	6.2	12.2	11.5
12	Village Capital	18	3.24	57	6.8	10.8	10.2	CrossCountry Mortgage	26	3.93	34	6.5	19.3	18.2	First Federal Bank	17	2.93	59	6.2	13.8	13.0
13	Truist Bank	149	3.25	100	3.0	15.6	15.1	Arvest Mortgage	28	3.08	62	5.5	13.2	12.6	Arvest Mortgage	28	2.99	63	6.1	14.5	13.8
14	United Shore (->Lakeview)	141	3.45	48	2.9	13.5	13.1	NBKC Bank	22	2.64	62	2.8	10.1	9.8	Wintrust Mortgage	82	2.77	56	5.1	11.3	10.8
15	MYCUMORTGAGE LLC	16	3.06	85	0.5	13.6	13.5	Truist Bank	155	3.24	99	2.0	14.8	14.6	RELIANCE FIRST CAPITAL LLC	36	3.52	59	2.5	11.0	10.7
16	Chase	65	3.72	107	0.1	26.3	26.3	MYCUMORTGAGE LLC	17	3.06	84	1.4	14.0	13.8	United Shore (->Lakeview)	135	3.22	49	2.4	12.2	11.9
17	Lakeview	1,004	3.35	79	-2.5	13.8	14.1	PennyMac	634	3.10	74	-1.3	12.0	12.1	First Bank	15	2.95	70	1.5	11.5	11.4
18	U.S. Bank	79	3.32	121	-3.8	19.4	20.1	Nationstar	1,723	3.37	83	-2.7	13.3	13.6	PennyMac	664	3.06	74	1.2	12.5	12.4
19	Citizens Bank	91	3.02	75	-4.4	11.8	12.3	New American Funding	58	3.07	58	-3.1	10.6	11.0	Guild Mortgage	39	2.92	61	0.2	10.4	10.4
20	Nationstar	1,693	3.38	84	-4.4	13.6	14.2	Lakeview	1,023	3.32	79	-3.7	13.0	13.5	Nationstar	1,814	3.36	82	-1.4	13.5	13.7
21	PennyMac	619	3.12	74	-5.2	11.8	12.5	Chase	69	3.64	112	-5.8	23.5	24.7	Carrington	512	3.16	76	-2.1	12.1	12.3
22	Planet Home Lending	151	3.02	60	-5.4	9.8	10.3	Smaller Servicers	315	3.33	75	-5.9	12.2	12.9	U.S. Bank	95	3.31	120	-2.4	18.5	18.9
23	Amerisave Mortgage	29	4.99	13	-5.8	20.6	21.7	Wintrust Mortgage	78	2.77	59	-6.0	9.6	10.2	New American Funding	60	3.02	56	-4.0	9.9	10.3
24	NewRez	613	3.24	65	-6.2	11.3	12.0	Huntington National Bank	50	3.34	71	-7.3	8.9	9.5	Chase	79	3.52	119	-4.2	23.2	24.1
25	AmeriHome Mortgage	15	4.81	23	-8.8	18.6	20.3	Carrington	485	3.15	77	-7.4	11.0	11.8	Lakeview	1,069	3.29	79	-4.4	12.9	13.5
26	Carrington	472	3.15	77	-9.1	10.8	11.9	U.S. Bank	84	3.32	120	-8.6	17.9	19.4	Smaller Servicers	335	3.26	73	-4.4	12.5	13.1
27	Fifth Third	50	3.19	96	-11.3	14.6	16.3	Guild Mortgage	37	2.91	64	-11.1	9.9	11.0	Truist Bank	168	3.23	98	-4.6	14.1	14.7
28	M&T Bank	56	3.53	102	-11.6	15.1	17.0	NewRez	613	3.18	66	-11.6	10.5	11.8	Sun West	17	2.98	74	-5.5	9.9	10.5
29	Navy Federal Credit Union	738	3.01	72	-12.9	12.5	14.2	Mortgage Research Center	100	3.00	45	-13.1	10.2	11.6	Amerisave Mortgage	24	4.89	11	-5.8	16.2	17.2
30	PHH Mortgage	66	3.52	69	-15.8	11.2	13.2	BSI Financial	13	3.07	63	-13.8	8.5	9.8	The Money Source	44	3.33	90	-6.1	11.6	12.3
31	Smaller Servicers	297	3.30	77	-16.5	10.6	12.6	Navy Federal Credit Union	748	2.97	72	-13.9	11.3	13.0	Mortgage Research Center	99	2.84	44	-7.5	9.9	10.7
32	United Shore (->Carrington)	25	2.98	43	-19.2	12.3	15.0	First Bank	14	2.95	73	-14.3	9.4	10.9	MYCUMORTGAGE LLC	18	3.04	82	-9.1	14.1	15.4
33	First Federal Bank	16	3.00	61	-20.7	12.3	15.3	M&T Bank	58	3.51	102	-14.6	13.9	16.0	Navy Federal Credit Union	778	2.92	72	-11.9	11.3	12.7
34	PNC Mortgage	88	3.23	98	-21.8	12.8	16.1	RELIANCE FIRST CAPITAL LLC	35	3.60	60	-15.2	9.4	11.0	PHH Mortgage	68	3.38	74	-11.9	12.3	13.8
35	The Money Source	37	3.37	98	-28.7	9.1	12.5	Citizens Bank	93	3.02	74	-15.5	9.7	11.4	NewRez	623	3.09	65	-12.6	10.1	11.5
36	First Bank	14	2.95	75	-29.0	7.0	9.7	Fifth Third	52	3.19	96	-16.2	13.2	15.6	Fifth Third	57	3.20	96	-13.5	13.9	15.9
37	Wintrust Mortgage	76	2.77	61	-29.3	7.8	10.9	Amerisave Mortgage	25	4.94	13	-18.3	19.1	22.9	M&T Bank	64	3.49	101	-15.1	13.6	15.8
38	Pentagon Federal Credit Unio	88	2.75	50	-30.1	7.8	11.0	PHH Mortgage	67	3.49	70	-19.2	10.9	13.4	Huntington National Bank	53	3.33	69	-18.9	8.8	10.7
39	FHLB Chicago	30	2.91	87	-31.2	9.5	13.5	The Money Source	38	3.37	97	-22.0	9.7	12.3	Citizens Bank	97	3.01	71	-19.8	9.2	11.4
40	Banco Popular	32	3.45	129	-33.4	13.1	19.1	Sun West	16	2.99	77	-23.8	7.9	10.3	PNC Mortgage	97	3.22	95	-20.0	12.7	15.7
41	RELIANCE FIRST CAPITAL LLC	35	3.63	61	-36.8	6.7	10.5	PNC Mortgage	91	3.23	97	-25.8	11.8	15.6	FHLB Chicago	33	2.90	84	-22.0	10.3	13.0
42	Mortgage Research Center	98	3.02	46	-38.0	7.3	11.5	United Shore (->Carrington)	26	2.97	42	-26.4	9.0	12.0	NBKC Bank	23	2.64	59	-25.4	6.9	9.1
43	ORIENTAL BANK	20	3.17	103	-47.6	7.6	14.1	FHLB Chicago	31	2.90	86	-30.1	9.2	12.9	Pentagon Federal Credit Unio	91	2.69	46	-35.6	6.4	9.8
44	Sun West	16	2.99	78	-49.6	6.4	12.3	Pentagon Federal Credit Unio	89	2.73	48	-35.9	6.3	9.7	Banco Popular	38	3.49	128	-40.6	11.3	18.3
45	NBKC Bank	21	2.64	64	-64.8	3.0	8.2	Banco Popular	34	3.46	128	-38.3	11.5	18.1	ORIENTAL BANK AND TRUST	16	3.15	101	-45.2	7.0	12.5

Highlighted row is the servicer closest to their comparison speed
Data is sorted on the contents of the highlighted column

Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Fixed 40yr, In-the-money

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	AmeriHome Mortgage	197	7.07	16	303.4	96.3	52.1	AmeriHome Mortgage	219	7.09	15	147.5	81.9	48.4	AmeriHome Mortgage	201	7.17	15	79.0	71.9	50.0
2	Lakeview	2,705	7.10	18	96.8	75.1	49.6	Nations Lending Corporation	34	7.18	18	117.4	63.8	36.7	MidFirst Bank	191	7.17	12	65.9	67.4	48.5
3	MidFirst Bank	599	7.22	9	74.2	75.1	54.1	MidFirst Bank	344	7.19	11	69.4	70.3	50.4	Lakeview	2,510	7.18	16	29.1	60.3	50.8
4	Nations Lending Corporation	35	7.17	19	61.7	44.1	30.0	Lakeview	2,621	7.11	18	58.3	67.6	50.3	PNC Mortgage	24	7.46	15	16.4	51.5	46.1
5	PNC Mortgage	29	7.46	16	58.2	58.7	42.4	PNC Mortgage	28	7.45	15	42.2	55.5	43.1	Village Capital	104	7.04	11	16.2	60.3	54.6
6	Utah HFA	20	7.01	10	33.5	18.5	14.2	Village Capital	173	7.01	11	15.3	58.7	53.3	Nations Lending Corporation	33	7.23	15	11.2	47.0	43.4
7	Citi	21	6.80	19	15.8	34.6	30.7	United Shore (Retained)	284	7.04	17	9.7	38.1	35.4	NewRez	438	7.25	14	9.6	49.4	46.2
8	PRMG Mortgage	25	6.85	16	7.1	23.1	21.8	PRMG Mortgage	23	6.85	15	7.6	35.8	33.8	Cardinal Financial	17	7.24	11	5.5	48.2	46.3
9	Village Capital	213	7.00	11	6.7	52.5	50.1	Movement Mortgage	49	7.23	12	5.1	46.2	44.5	Equity Prime Mortgage	25	6.94	10	1.6	49.6	49.0
10	CMG Mortgage	132	6.78	13	3.8	23.9	23.1	Selene Finance	37	7.24	16	0.4	52.9	52.8	PennyMac	1,427	6.87	13	-1.0	40.0	40.3
11	United Shore (Retained)	293	7.03	17	-2.4	27.0	27.6	CMG Mortgage	124	6.78	12	-2.4	35.4	36.1	Movement Mortgage	41	7.25	12	-1.1	47.7	48.1
12	Equity Prime Mortgage	62	6.84	10	-3.9	45.8	47.1	Mortgage Research Center	89	7.08	11	-2.9	52.6	53.6	Gateway Mortgage	17	7.31	14	-2.3	52.2	53.1
13	Wells Fargo	109	6.74	26	-4.9	16.1	16.8	Equity Prime Mortgage	41	6.87	10	-3.7	45.1	46.4	Mortgage Research Center	52	7.06	11	-6.1	49.2	51.4
14	Mortgage Research Center	105	7.08	11	-7.6	50.8	53.7	Cardinal Financial	18	7.17	10	-11.5	34.2	37.7	Guild Mortgage	64	7.18	14	-7.3	39.3	41.7
15	Movement Mortgage	59	7.22	12	-9.5	35.9	38.9	PennyMac	1,914	6.82	13	-12.0	27.6	30.8	Essex Mortgage	53	7.24	12	-7.5	50.4	53.3
16	ACRISURE MORTGAGE LLC	25	6.78	13	-9.7	17.9	19.7	NewRez	527	7.23	14	-14.0	35.7	40.2	CMG Mortgage	97	6.81	11	-8.8	41.2	44.2
17	BSI Financial	44	7.21	12	-25.6	35.9	45.2	Essex Mortgage	67	7.24	13	-16.2	47.0	53.3	Rocket	166	7.18	13	-9.8	44.1	47.6
18	PennyMac	2,210	6.80	14	-32.7	14.0	20.2	Prime Lending (Plains Capita	15	6.76	15	-16.7	23.5	27.6	PRMG Mortgage	18	6.88	15	-10.2	35.8	39.0
19	Smaller Servicers	334	7.08	15	-39.7	24.4	37.3	Utah HFA	15	7.02	11	-18.0	17.8	21.3	The Money Source	136	7.20	14	-13.6	40.3	45.0
20	Essex Mortgage	68	7.24	13	-40.4	34.2	50.9	Citi	18	6.82	18	-18.4	29.2	34.7	United Shore (Retained)	253	7.07	16	-15.2	36.3	41.4
21	Cardinal Financial	22	7.18	10	-51.8	14.6	28.1	Wells Fargo	146	6.74	24	-21.1	18.4	22.7	Carrington	936	7.19	16	-19.3	36.1	42.8
22	NewRez	591	7.23	14	-52.0	19.0	35.8	Nationstar	1,058	7.00	17	-27.5	33.6	43.4	ROYAL PACIFIC FUNDING CORPOR	12	7.28	13	-19.4	42.9	50.3
23	CrossCountry Mortgage	225	7.05	15	-52.6	27.1	49.2	New American Funding	120	7.08	13	-29.6	40.5	52.5	Wells Fargo	145	6.77	21	-19.5	23.4	28.2
24	Carrington	1,300	7.14	17	-55.0	17.8	35.6	Carrington	1,168	7.14	16	-29.9	28.7	38.4	Freedom Mortgage	1,314	7.22	14	-20.3	40.9	48.5
25	Amerisave Mortgage	31	7.07	13	-56.8	15.0	31.5	BSI Financial	31	7.20	13	-31.1	34.1	45.7	New American Funding	96	7.17	13	-22.0	44.6	53.4
26	Nationstar	1,116	6.99	18	-58.8	18.6	39.7	Smaller Servicers	297	7.10	15	-33.1	30.0	41.5	ACRISURE MORTGAGE LLC	13	6.81	13	-23.1	26.8	33.4
27	Planet Home Lending	302	7.20	12	-60.1	22.2	47.3	ACRISURE MORTGAGE LLC	22	6.80	13	-36.2	19.7	29.2	Selene Finance	34	7.31	15	-23.5	45.3	54.8
28	loanDepot.com	95	6.85	17	-61.3	12.0	28.4	CrossCountry Mortgage	210	7.06	14	-37.4	35.6	50.9	Smaller Servicers	231	7.10	15	-27.8	33.3	43.2
29	PHH Mortgage	113	7.00	13	-62.1	21.0	46.8	The Money Source	169	7.12	14	-38.8	23.1	35.2	Nationstar	830	7.05	16	-29.8	34.2	45.2
30	ATLANTIC BAY MORTGAGE GROUP	20	7.23	19	-64.5	20.6	48.4	FAY SERVICING LLC	51	7.10	22	-40.2	20.5	32.0	BSI Financial	19	7.22	14	-32.4	32.5	44.4
31	FAY SERVICING LLC	52	7.10	23	-67.6	9.6	27.1	Guild Mortgage	80	7.16	14	-40.4	24.7	38.1	PHH Mortgage	67	7.09	12	-33.8	35.7	49.0
32	Idaho HFA	61	7.22	18	-67.9	11.9	33.0	ATLANTIC BAY MORTGAGE GROUP	19	7.23	19	-46.6	31.6	51.3	Planet Home Lending	180	7.21	13	-36.4	35.5	50.1
33	Rocket	252	7.19	13	-68.4	16.2	43.2	Rocket	219	7.18	13	-47.0	27.2	45.4	Sun West	22	7.23	16	-37.5	18.1	27.4
34	Land Home Financial	18	7.16	11	-70.4	11.4	34.0	Gateway Mortgage	19	7.28	15	-47.9	31.9	52.7	RENASANT BANK	13	6.86	15	-37.6	25.5	37.9
35	Nations Direct	32	6.97	11	-70.4	17.5	48.5	Idaho HFA	57	7.22	18	-48.6	20.5	36.3	CrossCountry Mortgage	165	7.10	14	-39.9	34.8	51.4
36	Guild Mortgage	91	7.17	15	-70.8	11.1	33.5	PHH Mortgage	93	7.02	13	-51.3	26.6	47.5	FAY SERVICING LLC	45	7.13	21	-42.2	21.7	34.8
37	Sun West	31	7.20	17	-71.5	6.6	21.4	Sun West	28	7.22	16	-52.3	10.1	20.0	Amerisave Mortgage	22	7.16	12	-47.0	26.2	43.9
38	RENASANT BANK	20	6.83	16	-74.6	9.4	32.4	Freedom Mortgage	1,705	7.19	14	-52.9	24.9	46.0	Nations Direct	17	7.05	11	-47.4	28.1	47.0
39	The Money Source	194	7.11	14	-76.0	7.6	28.3	Planet Home Lending	244	7.19	13	-54.4	26.2	49.1	Idaho HFA	52	7.24	16	-49.1	23.8	41.7
40	Gateway Mortgage	21	7.27	15	-76.2	15.9	52.6	loanDepot.com	83	6.88	17	-56.2	15.8	32.8	loanDepot.com	69	6.94	16	-49.6	23.9	42.2
41	SWBC Mortgage	37	6.85	16	-77.3	10.4	38.9	SWBC Mortgage	33	6.86	16	-60.5	18.3	40.5	Prime Lending (Plains Capita	13	6.79	13	-50.4	21.5	39.0
42	New American Funding	134	7.04	13	-78.0	12.7	46.7	RENASANT BANK	17	6.83	16	-61.9	14.1	33.2	FIRST HOME MORTGAGE CORPORAT	12	7.22	16	-51.4	22.7	41.5
43	Freedom Mortgage	1,979	7.19	14	-80.3	10.5	43.7	Nations Direct	26	6.98	11	-63.8	20.8	48.2	Click N Close.	13	7.25	15	-52.2	22.3	41.3
44	Click N Close.	17	7.23	15	-87.5	3.9	27.3	Amerisave Mortgage	28	7.09	13	-64.1	15.3	37.3	ATLANTIC BAY MORTGAGE GROUP	18	7.27	17	-53.0	28.1	51.0
45	Selene Finance	34	7.21	17	-97.6	1.7	51.5	Click N Close.	15	7.23	15	-67.8	12.4	34.0	SWBC Mortgage	24	6.93	15	-53.9	22.5	42.8

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Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Fixed 40yr, Out-of-the-money

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	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	MidFirst Bank	12	5.68	40	97.6	47.5	27.5	Nations Direct	15	4.67	11	94.2	34.9	19.7	Freedom Mortgage	203	5.80	26	43.8	39.4	29.2
2	The Money Source	17	4.77	39	59.2	11.9	7.6	MidFirst Bank	15	5.74	38	51.5	33.7	23.7	Rocket	17	6.23	22	33.2	50.0	40.3
3	United Shore (Retained)	12	5.43	15	59.0	33.2	22.3	New American Funding	43	4.36	16	32.2	37.4	29.8	AmeriHome Mortgage	26	5.79	23	24.8	38.1	31.8
4	New American Funding	48	4.32	16	49.5	31.6	22.3	The Money Source	19	4.89	36	30.8	18.4	14.4	NewRez	60	5.08	31	24.2	22.8	18.8
5	Nations Direct	20	4.63	11	38.7	24.8	18.5	AmeriHome Mortgage	16	5.33	31	29.0	26.4	21.1	New American Funding	39	4.67	16	21.4	35.5	30.2
6	Movement Mortgage	12	4.16	10	32.0	12.2	9.4	Smaller Servicers	162	4.83	27	7.7	16.5	15.4	MidFirst Bank	22	5.88	34	15.6	27.3	24.1
7	AmeriHome Mortgage	13	5.10	36	22.5	36.9	31.2	PennyMac	344	5.79	26	6.3	31.4	29.8	Carrington	311	5.23	34	7.9	19.5	18.2
8	PennyMac	336	5.71	26	5.9	28.2	26.9	Freedom Mortgage	122	5.28	36	2.1	13.1	12.9	PennyMac	444	5.99	23	7.7	40.0	37.7
9	Lakeview	819	4.70	34	0.9	11.2	11.1	Lakeview	889	4.78	32	-1.1	18.6	18.8	Smaller Servicers	143	5.07	24	4.9	21.7	20.8
10	Smaller Servicers	143	4.72	30	-3.4	11.1	11.4	NewRez	51	4.65	36	-2.1	13.3	13.6	SWBC Mortgage	14	5.38	26	-0.8	31.2	31.5
11	Carrington	229	4.79	44	-3.5	9.6	9.9	Carrington	239	4.84	42	-2.7	10.1	10.4	The Money Source	48	4.84	30	-2.2	15.7	16.0
12	PHH Mortgage	31	4.86	12	-6.5	22.7	24.1	KENTUCKY HOUSING CORP.	12	5.19	31	-4.6	14.7	15.4	Planet Home Lending	17	5.86	26	-3.8	31.0	32.0
13	KENTUCKY HOUSING CORP.	12	5.16	33	-9.7	18.1	19.9	PHH Mortgage	23	4.92	12	-14.2	24.7	28.2	Wells Fargo	77	5.78	26	-10.1	16.7	18.4
14	NewRez	52	4.55	36	-11.9	10.0	11.3	Wells Fargo	20	4.96	34	-14.9	9.3	10.8	Lakeview	1,084	5.07	28	-11.0	18.7	20.8
15	Freedom Mortgage	113	5.23	38	-18.2	9.9	11.9	CrossCountry Mortgage	19	4.49	14	-23.1	12.2	15.6	Village Capital	23	6.01	10	-20.2	25.9	31.4
16	loanDepot.com	45	4.24	18	-20.2	15.8	19.4	loanDepot.com	37	4.22	20	-24.1	12.8	16.6	CMG Mortgage	11	6.34	9	-25.3	39.2	48.9
17	Nationstar	232	4.83	25	-24.8	9.7	12.7	Nationstar	217	4.96	24	-26.7	10.3	13.9	PHH Mortgage	17	5.23	12	-27.1	23.8	31.3
18	Mortgage Research Center	22	4.14	18	-37.0	11.7	17.9	Village Capital	18	5.56	12	-54.5	17.1	34.1	Nationstar	257	5.58	22	-32.3	14.0	20.0
19	CrossCountry Mortgage	21	4.35	15	-41.1	6.7	11.1	Idaho HFA	14	5.14	38	-55.9	5.0	11.1	KENTUCKY HOUSING CORP.	13	5.25	27	-33.4	15.4	22.3
20	Idaho HFA	14	5.12	40	-62.0	4.8	12.2	Mortgage Research Center	19	4.12	18	-56.4	7.1	15.6	Mortgage Research Center	16	4.55	19	-40.9	11.6	18.8
21	Village Capital	15	5.41	14	-66.6	10.3	28.0							loanDepot.com	32	4.43	21	-41.0	10.9	17.8	
22														CrossCountry Mortgage	21	5.45	13	-47.0	15.2	26.8	
23														United Shore (Retained)	13	5.57	17	-50.9	15.7	29.7	
24														Idaho HFA	14	5.16	35	-62.9	6.3	16.1	

Highlighted row is the servicer closest to their comparison speed
 Data is sorted on the contents of the highlighted column

Ginnie Mae: Fixed 40yr, Total

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Rank	3M Historical Horizon							6M Historical Horizon							12M Historical Horizon						
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	AmeriHome Mortgage	210	6.95	17	294.4	95.5	51.0	AmeriHome Mortgage	235	6.97	16	144.4	79.9	46.8	AmeriHome Mortgage	228	7.01	16	75.4	69.2	48.1
2	Lakeview	3,523	6.54	22	92.0	66.1	42.4	Nations Lending Corporation	36	7.11	19	115.1	62.4	35.9	MidFirst Bank	213	7.04	15	63.5	64.5	46.3
3	MidFirst Bank	611	7.19	10	74.4	74.7	53.7	MidFirst Bank	359	7.13	12	69.1	69.2	49.5	Lakeview	3,593	6.55	20	24.1	50.5	43.1
4	Nations Lending Corporation	36	7.11	19	63.8	43.7	29.3	Lakeview	3,510	6.52	21	52.8	58.8	43.6	PNC Mortgage	26	7.19	18	14.9	48.5	43.8
5	PNC Mortgage	31	7.26	18	58.0	56.2	40.3	PNC Mortgage	30	7.24	18	41.2	53.5	41.6	Nations Lending Corporation	37	7.10	17	14.1	45.9	41.6
6	Utah HFA	20	7.01	10	33.5	18.5	14.2	Wintrust Mortgage	16	6.04	17	39.3	41.3	31.6	Village Capital	127	6.85	11	12.6	55.3	51.0
7	Citi	21	6.80	19	15.8	34.6	30.7	Village Capital	191	6.87	11	11.6	55.8	51.8	NewRez	498	6.99	16	10.3	46.7	43.4
8	PRMG Mortgage	27	6.64	18	5.7	21.2	20.2	United Shore (Retained)	294	6.98	16	9.9	37.7	34.9	Cardinal Financial	17	7.14	11	8.0	48.8	46.1
9	CMG Mortgage	133	6.77	13	4.6	24.0	23.0	PRMG Mortgage	26	6.61	17	8.6	36.5	34.1	Equity Prime Mortgage	27	6.88	10	6.6	48.8	46.6
10	Village Capital	228	6.90	11	4.4	50.4	48.9	Movement Mortgage	58	6.76	12	6.7	41.8	39.7	PennyMac	1,871	6.66	15	1.0	40.0	39.7
11	United Shore (Retained)	305	6.97	17	-0.5	27.3	27.4	Selene Finance	38	7.16	16	1.8	52.5	51.9	Movement Mortgage	45	6.94	12	0.0	44.7	44.7
12	Equity Prime Mortgage	64	6.82	10	-2.2	45.7	46.0	Equity Prime Mortgage	43	6.83	10	0.4	45.2	45.1	Gateway Mortgage	18	7.25	14	-2.4	51.2	52.1
13	Wells Fargo	115	6.67	27	-7.2	15.4	16.5	CMG Mortgage	128	6.77	12	-0.8	36.3	36.5	Essex Mortgage	57	7.16	13	-3.8	50.7	52.1
14	KENTUCKY HOUSING CORP.	18	5.83	26	-7.3	26.9	28.7	Mortgage Research Center	108	6.55	12	-5.4	46.4	48.4	Rocket	183	7.10	13	-6.6	44.7	47.0
15	Movement Mortgage	71	6.71	12	-7.8	32.4	34.7	PennyMac	2,258	6.66	15	-9.3	28.2	30.7	Guild Mortgage	68	7.13	15	-6.6	38.9	41.0
16	Mortgage Research Center	127	6.56	12	-9.2	45.3	48.7	Cardinal Financial	19	7.08	10	-12.0	33.0	36.7	Mortgage Research Center	68	6.46	13	-9.1	41.8	45.0
17	ACRISURE MORTGAGE LLC	27	6.69	14	-12.1	17.1	19.2	NewRez	578	7.01	16	-13.7	33.9	38.2	CMG Mortgage	108	6.76	11	-10.7	41.0	44.7
18	PennyMac	2,546	6.66	15	-26.0	16.1	21.1	Essex Mortgage	70	7.18	13	-16.5	46.0	52.3	The Money Source	184	6.59	18	-12.5	34.6	38.5
19	BSI Financial	46	7.11	13	-26.1	34.7	44.0	Citi	19	6.81	18	-18.8	28.6	34.1	PRMG Mortgage	23	6.55	17	-13.3	33.9	38.1
20	Smaller Servicers	421	6.62	17	-39.0	21.4	32.7	Prime Lending (Plains Capita	16	6.69	15	-20.5	22.5	27.5	New American Funding	134	6.45	14	-15.0	42.1	47.6
21	Essex Mortgage	71	7.19	14	-40.1	33.8	50.2	New American Funding	163	6.36	14	-20.5	39.7	47.3	Freedom Mortgage	1,517	7.03	16	-15.5	40.7	46.3
22	NewRez	643	7.02	16	-51.0	18.3	34.1	Wells Fargo	166	6.52	26	-20.7	17.3	21.3	United Shore (Retained)	266	7.00	16	-16.3	35.5	40.8
23	loanDepot.com	139	6.01	17	-51.7	13.2	25.6	KENTUCKY HOUSING CORP.	17	5.75	25	-26.0	18.8	24.6	Carrington	1,248	6.70	21	-16.4	32.3	37.4
24	Cardinal Financial	23	7.09	10	-52.2	14.0	27.2	Nationstar	1,275	6.65	19	-27.5	30.1	39.1	Wells Fargo	222	6.43	23	-17.2	21.1	25.0
25	CrossCountry Mortgage	246	6.82	15	-52.4	25.6	46.7	Carrington	1,407	6.75	21	-28.7	25.8	34.3	ACRISURE MORTGAGE LLC	15	6.66	14	-19.5	28.4	34.0
26	Nations Direct	51	6.07	11	-52.6	20.4	38.5	BSI Financial	33	7.08	14	-31.8	32.5	44.0	Selene Finance	36	7.21	15	-24.1	43.9	53.6
27	Carrington	1,529	6.78	21	-52.9	16.6	32.2	Smaller Servicers	379	6.66	17	-34.5	25.3	36.2	Smaller Servicers	313	6.59	17	-24.1	30.9	38.7
28	PHH Mortgage	144	6.53	13	-56.0	21.4	42.5	The Money Source	187	6.90	16	-36.1	22.7	33.3	Nations Direct	26	6.25	11	-28.0	29.7	38.9
29	Nationstar	1,348	6.61	20	-56.9	17.2	35.7	CrossCountry Mortgage	229	6.85	14	-37.1	33.9	48.6	RENASANT BANK	19	6.25	19	-28.3	23.7	31.5
30	Planet Home Lending	310	7.14	13	-59.5	22.0	46.4	ACRISURE MORTGAGE LLC	24	6.68	14	-37.5	18.4	27.9	Nationstar	1,087	6.70	18	-30.1	29.9	40.0
31	ATLANTIC BAY MORTGAGE GROUP	25	6.85	22	-61.1	19.6	43.4	Nations Direct	41	6.12	11	-37.5	26.4	38.9	PHH Mortgage	83	6.72	12	-33.0	33.5	45.9
32	New American Funding	182	6.32	14	-61.7	18.1	41.1	Guild Mortgage	81	7.14	15	-40.5	24.4	37.8	Planet Home Lending	197	7.10	14	-34.8	35.1	48.8
33	Amerisave Mortgage	39	6.61	13	-63.5	12.1	29.9	FAY SERVICING LLC	56	6.89	23	-41.3	18.9	30.1	KENTUCKY HOUSING CORP.	16	5.57	24	-34.9	17.9	26.3
34	Idaho HFA	74	6.84	22	-67.5	10.7	29.6	ATLANTIC BAY MORTGAGE GROUP	23	6.84	22	-46.1	27.8	45.8	BSI Financial	22	7.01	15	-35.1	29.1	41.3
35	Rocket	256	7.16	14	-68.1	16.1	42.7	Rocket	224	7.14	14	-46.5	27.0	44.8	SWBC Mortgage	38	6.35	19	-38.5	25.9	38.8
36	FAY SERVICING LLC	57	6.88	24	-68.3	8.8	25.5	PHH Mortgage	116	6.60	12	-47.0	26.3	44.1	Sun West	24	7.10	17	-39.2	16.9	26.4
37	Land Home Financial	18	7.16	11	-70.4	11.4	34.0	Gateway Mortgage	19	7.24	15	-48.1	31.3	52.1	CrossCountry Mortgage	186	6.92	14	-40.3	32.9	49.1
38	Guild Mortgage	92	7.15	15	-70.8	11.0	33.3	Idaho HFA	71	6.81	22	-49.0	17.7	31.9	Amerisave Mortgage	28	6.70	12	-42.9	24.9	39.7
39	Sun West	32	7.14	18	-71.6	6.4	20.9	loanDepot.com	119	6.06	18	-50.7	14.9	28.1	FAY SERVICING LLC	51	6.89	23	-43.8	20.1	33.1
40	SWBC Mortgage	46	6.46	20	-72.2	11.0	34.5	Freedom Mortgage	1,828	7.06	16	-52.0	24.1	44.2	loanDepot.com	101	6.14	17	-48.3	20.0	35.3
41	The Money Source	211	6.93	16	-73.2	8.0	26.9	Amerisave Mortgage	36	6.57	12	-52.7	18.2	34.8	Idaho HFA	67	6.79	21	-50.2	20.3	36.9
42	Gateway Mortgage	21	7.24	15	-76.3	15.6	52.1	Sun West	29	7.13	17	-52.7	9.6	19.4	FIRST HOME MORTGAGE CORPORAT	13	7.05	17	-50.6	22.0	39.8
43	RENASANT BANK	24	6.42	20	-76.7	7.9	30.0	RENASANT BANK	22	6.35	19	-52.9	15.5	30.3	ATLANTIC BAY MORTGAGE GROUP	23	6.84	20	-51.8	24.5	44.7
44	Freedom Mortgage	2,092	7.09	16	-79.5	10.5	42.3	Planet Home Lending	254	7.12	14	-53.7	25.8	48.0	Click N Close.	14	7.21	15	-52.2	21.9	40.8
45	Selene Finance	35	7.12	17	-97.6	1.6	50.5	SWBC Mortgage	43	6.43	19	-58.1	17.0	36.3	Prime Lending (Plains Capita	15	6.69	13	-56.1	19.5	39.4

Highlighted row is the servicer closest to their comparison speed
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Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Hybrid 3/1

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Nationstar	68	5.93	167	24.4	13.7	11.2	Nationstar	70	5.83	165	24.1	17.6	14.4	RANLife	13	4.60	22	28.7	13.9	10.9
2	United Shore (Retained)	13	4.84	6	22.4	10.2	8.4	Planet Home Lending	214	5.44	160	13.6	14.4	12.8	Nationstar	71	5.63	164	8.3	13.8	12.8
3	RANLife	18	4.75	20	20.8	24.2	20.5	PNC Mortgage	42	5.96	245	13.2	10.6	9.4	PHH Mortgage	95	5.55	190	7.1	10.9	10.2
4	PNC Mortgage	41	6.04	247	15.4	9.9	8.6	RANLife	16	4.72	21	12.7	19.4	17.4	Carrington	26	5.71	196	6.7	12.5	11.8
5	Lakeview	51	5.95	176	9.7	18.7	17.2	Freedom Mortgage	460	5.86	160	2.4	13.3	13.0	PNC Mortgage	44	5.75	243	6.3	10.4	9.8
6	Planet Home Lending	210	5.53	162	9.5	13.3	12.2	Village Capital	142	4.83	55	0.3	28.9	28.8	Village Capital	144	4.66	56	5.0	23.8	22.8
7	Village Capital	146	4.92	52	2.4	30.8	30.2	PHH Mortgage	91	5.72	193	-0.0	9.1	9.1	Planet Home Lending	223	5.27	157	4.8	12.7	12.1
8	Freedom Mortgage	449	5.93	162	-0.2	12.2	12.2	Lakeview	53	5.86	174	-2.5	15.7	16.1	Freedom Mortgage	483	5.64	156	1.5	12.8	12.6
9	PHH Mortgage	89	5.79	195	-0.3	10.1	10.1	NewRez	273	5.87	183	-5.0	17.7	18.6	Lakeview	56	5.66	171	-3.8	12.7	13.2
10	NewRez	264	5.93	185	-3.1	17.5	18.0	Carrington	24	5.92	199	-6.5	14.3	15.2	NewRez	290	5.70	179	-4.0	15.3	15.9
11	MidFirst Bank	21	6.16	254	-4.4	8.4	8.8	loanDepot.com	43	5.55	100	-13.8	13.6	15.6	loanDepot.com	46	5.26	96	-4.4	15.4	16.1
12	Smaller Servicers	70	5.83	133	-9.1	10.9	11.9	MidFirst Bank	21	6.10	253	-14.0	8.5	9.8	U.S. Bank	19	5.62	215	-8.1	9.0	9.7
13	The Money Source	23	5.93	102	-16.2	20.6	24.1	Smaller Servicers	77	5.68	121	-16.8	11.3	13.4	Smaller Servicers	70	5.55	131	-11.4	12.3	13.8
14	loanDepot.com	42	5.62	101	-34.3	11.7	17.3	U.S. Bank	18	5.81	218	-19.5	8.5	10.5	MidFirst Bank	22	5.92	250	-19.4	8.7	10.6
15	Carrington	24	5.99	200	-37.9	8.1	12.7	The Money Source	24	5.83	100	-33.8	17.9	25.9	Click N Close.	10	5.65	127	-28.2	6.7	9.2
16	U.S. Bank	18	5.89	219	-49.5	4.6	9.0							The Money Source	25	5.66	97	-32.3	15.6	22.2	

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Ginnie Mae: Hybrid 5/1 and 5/6

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	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	PHH Mortgage	45	5.94	180	28.9	9.8	7.7	Planet Home Lending	79	3.69	55	40.1	12.8	9.3	Planet Home Lending	78	3.72	52	25.3	13.5	10.9
2	Planet Home Lending	77	3.69	56	28.2	13.6	10.8	PHH Mortgage	46	5.91	178	33.1	13.8	10.5	U.S. Bank	35	5.48	145	22.6	11.8	9.7
3	Village Capital	16	5.84	86	27.4	42.8	35.4	Wells Fargo	42	5.68	175	27.9	16.2	12.9	Village Capital	17	5.81	92	20.3	34.1	29.2
4	loanDepot.com	851	5.09	20	21.2	9.3	7.7	U.S. Bank	34	5.67	147	17.9	13.3	11.4	PHH Mortgage	48	5.78	176	9.7	13.5	12.4
5	NewRez	166	5.07	80	5.4	15.8	15.1	loanDepot.com	758	5.08	21	10.5	10.2	9.2	loanDepot.com	631	5.08	22	8.9	9.1	8.4
6	Smaller Servicers	67	5.57	79	2.2	14.9	14.6	Village Capital	16	5.88	92	5.2	32.3	31.0	Truist Bank	21	5.82	181	6.1	11.3	10.6
7	Nationstar	415	5.70	162	1.9	10.5	10.3	Rocket	160	5.58	116	2.0	14.1	13.8	Wells Fargo	120	5.29	169	5.4	10.5	10.0
8	United Shore (Retained)	156	5.47	6	0.7	14.6	14.5	Selene Finance	30	5.11	27	1.6	2.9	2.9	Nationstar	393	5.44	155	4.1	11.7	11.2
9	Rocket	157	5.62	117	0.3	14.1	14.0	Smaller Servicers	62	5.58	86	1.6	14.1	13.9	PNC Mortgage	16	5.70	152	3.9	9.3	8.9
10	PennyMac	585	5.18	48	-0.9	10.1	10.2	PennyMac	529	5.15	51	1.4	11.4	11.3	PennyMac	495	5.11	53	3.6	10.6	10.3
11	CrossCountry Mortgage	33	4.68	33	-1.0	5.2	5.2	United Shore (Retained)	78	5.47	6	0.7	14.6	14.5	United Shore (Retained)	39	5.47	6	0.7	14.6	14.5
12	Truist Bank	19	6.08	186	-2.4	9.6	9.8	Freedom Mortgage	388	5.63	146	0.2	10.7	10.7	Smaller Servicers	67	5.33	91	-0.2	13.2	13.3
13	Carrington	149	5.51	134	-8.7	7.1	7.8	Nationstar	396	5.62	160	-3.6	10.4	10.7	Rocket	167	5.43	113	-1.7	12.9	13.1
14	Freedom Mortgage	383	5.69	147	-9.2	9.5	10.4	M&T Bank	30	5.28	104	-4.7	9.0	9.4	The Money Source	11	5.51	91	-3.8	12.5	13.0
15	U.S. Bank	33	5.73	149	-9.9	10.6	11.8	NewRez	166	5.04	79	-7.6	13.9	14.9	CrossCountry Mortgage	30	4.58	32	-4.9	5.6	5.8
16	Lakeview	496	4.49	82	-11.0	8.0	8.9	Lakeview	497	4.46	82	-8.3	9.2	10.0	Lakeview	506	4.40	80	-6.1	8.9	9.5
17	Guaranteed Rate	493	4.97	14	-35.4	1.5	2.3	Carrington	151	5.46	132	-8.4	8.4	9.1	Freedom Mortgage	338	5.50	144	-7.4	10.4	11.2
18	Wells Fargo	15	5.69	176	-44.0	6.0	10.4	Truist Bank	20	6.00	184	-9.6	9.8	10.8	Carrington	152	5.36	129	-7.8	8.7	9.4
19	M&T Bank	29	5.32	105	-49.4	4.3	8.4	PNC Mortgage	15	5.86	155	-17.0	7.5	9.0	NewRez	170	4.97	77	-10.2	11.5	12.8
20	PNC Mortgage	15	5.92	156	-76.9	0.8	3.6	The Money Source	11	5.62	94	-30.4	8.2	11.6	M&T Bank	31	5.13	101	-16.1	8.6	10.2
21	Selene Finance	29	5.11	29	-78.5	0.4	2.1	Guaranteed Rate	443	4.98	13	-34.2	1.5	2.3	Selene Finance	30	5.11	24	-21.8	1.6	2.0
22	Movement Mortgage	36	4.16	30	-96.6	0.3	7.5	CrossCountry Mortgage	31	4.64	33	-35.1	4.7	7.2	Guaranteed Rate	351	5.02	12	-22.0	1.5	2.0
23	The Money Source	10	5.66	96	-97.4	0.4	15.2	Movement Mortgage	31	3.96	33	-97.2	0.2	7.4	Movement Mortgage	30	3.86	33	-52.8	6.0	12.4

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Ginnie Mae: Hybrid 7/1 and 7/6

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Smaller Servicers	20	6.20	175	-0.0	26.7	26.7	Smaller Servicers	20	6.28	173	-0.0	15.3	15.3	Smaller Servicers	21	6.43	169	-0.0	16.0	16.0

Highlighted row is the servicer closest to their comparison speed
 Data is sorted on the contents of the highlighted column

Ginnie Mae: Project Loan

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Midland States Bank	1,768	3.41	147	255.4	10.5	3.1	Vium Capital	1,684	5.16	74	471.4	1.8	0.3	First American Capital	1,109	3.86	104	600.6	5.7	0.8
2	Merchants Capital	8,100	3.55	104	113.5	3.5	1.7	Midland States Bank	1,790	3.41	146	90.4	5.3	2.8	Vium Capital	1,466	5.03	74	354.7	2.0	0.4
3	Newpoint Real Estate Capital	5,061	3.85	96	96.5	3.2	1.6	Walker & Dunlop	10,786	3.56	103	81.2	2.8	1.6	Berkadia	11,957	3.51	99	76.9	3.2	1.8
4	Walker & Dunlop	10,840	3.57	104	96.1	4.1	2.1	Lument Real Estate Cap.	22,527	3.46	111	46.3	2.8	1.9	X-Caliber Capital	408	3.84	117	73.1	1.8	1.1
5	Davis-Penn	848	3.26	102	84.5	7.0	3.9	Davis-Penn	853	3.26	100	35.1	4.2	3.1	Newpoint Real Estate Capital	4,920	3.74	94	69.7	3.1	1.8
6	Gershman	4,030	3.35	90	60.6	2.2	1.3	Gershman	3,981	3.32	89	33.8	1.6	1.2	Midland States Bank	1,821	3.41	143	36.6	4.3	3.1
7	Berkeley Point	957	3.43	122	60.6	4.1	2.6	Newpoint Real Estate Capital	5,042	3.83	95	29.7	1.9	1.4	Walker & Dunlop	10,531	3.50	102	23.2	2.3	1.9
8	Wells Fargo	6,697	3.19	116	49.5	3.3	2.2	Merchants Capital	7,980	3.51	104	23.5	2.4	2.0	Gershman	3,928	3.27	87	18.6	2.0	1.7
9	Greystone	17,001	3.75	99	40.7	3.0	2.1	PGIM Real Estate	4,755	3.46	125	23.1	12.9	10.6	PGIM Real Estate	4,892	3.49	125	16.3	7.0	6.1
10	PGIM Real Estate	4,638	3.42	125	22.6	2.7	2.2	PNC Mortgage	2,850	3.62	116	11.8	2.6	2.4	Merchants Capital	7,836	3.47	103	7.8	2.2	2.0
11	Lument Real Estate Cap.	22,759	3.49	111	-1.7	2.1	2.1	Greystone	16,894	3.73	98	9.4	1.9	1.7	Greystone	16,524	3.67	96	7.2	1.6	1.5
12	Keybank	5,978	3.94	113	-6.9	1.7	1.8	Berkeley Point	960	3.43	121	2.1	2.1	2.0	Cambridge Realty	1,362	3.26	125	0.6	6.5	6.5
13	Colliers Mortgage	4,056	3.31	90	-25.8	2.2	2.9	Wells Fargo	6,728	3.19	115	-1.8	1.8	1.8	Lument Real Estate Cap.	22,301	3.41	109	-0.3	2.2	2.2
14	Bonneville Mortgage	950	4.12	97	-35.3	1.2	1.9	Berkadia	12,202	3.57	100	-22.5	1.2	1.5	Keybank	5,531	3.79	114	-4.3	1.3	1.4
15	Berkadia	12,389	3.61	100	-38.5	1.2	1.9	Grandbridge	2,376	3.31	116	-23.7	2.0	2.6	Colliers Mortgage	4,029	3.27	87	-6.6	1.8	1.9
16	Highland	1,138	3.20	82	-44.1	0.7	1.2	Keybank	5,818	3.90	113	-24.1	1.1	1.5	Grandbridge	2,378	3.30	114	-12.2	2.1	2.4
17	Grandbridge	2,362	3.31	117	-45.5	1.4	2.5	Colliers Mortgage	4,045	3.30	89	-46.2	1.1	2.0	Arbor Agency Lending	1,472	3.79	97	-12.4	1.4	1.6
18	Cambridge Realty	1,357	3.31	128	-52.2	3.0	6.2	Northmarq Finance	1,400	3.43	107	-51.0	0.4	0.8	Smaller Servicers	118	3.94	92	-16.6	1.2	1.5
19	JLL	4,128	3.44	106	-55.1	0.7	1.6	Cambridge Realty	1,356	3.30	127	-60.5	1.5	3.8	Davis-Penn	855	3.24	98	-17.5	2.1	2.6
20	First Housing Dev Corp Of FL	297	3.25	105	-65.2	1.4	4.0	JLL	4,104	3.42	105	-61.8	0.6	1.6	PNC Mortgage	2,865	3.61	114	-18.9	2.6	3.2
21	Arbor Agency Lending	1,525	3.89	98	-68.8	1.0	3.1	Bonneville Mortgage	952	4.12	95	-65.6	0.6	1.8	Wells Fargo	6,593	3.17	115	-20.7	2.0	2.5
22	Bellwether Enterprise	2,222	3.77	94	-70.4	0.4	1.4	First Housing Dev Corp Of FL	298	3.25	104	-69.0	0.7	2.3	JLL	4,047	3.37	103	-34.0	1.7	2.5
23	PNC Mortgage	2,829	3.62	117	-83.0	0.5	3.0	Arbor Agency Lending	1,500	3.85	98	-72.8	0.5	1.8	Rose Community Capital	520	3.34	114	-37.7	0.9	1.5
24	Centennial Mortgage	1,426	3.56	131	-83.9	0.4	2.6	Highland	1,137	3.19	81	-74.3	0.3	1.3	M&T Realty	2,983	3.38	105	-40.8	0.9	1.6
25	Capital Funding Group	3,559	3.84	113	-84.3	0.5	2.9	Capital Funding Group	3,529	3.82	113	-78.7	0.5	2.2	Berkeley Point	962	3.43	118	-42.6	1.1	1.8
26	Dwight Capital	10,568	3.67	99	-84.7	0.2	1.2	Bellwether Enterprise	2,208	3.75	93	-84.0	0.2	1.4	Dwight Capital	10,048	3.56	96	-43.4	0.5	0.8
27	Ziegler	340	3.92	118	-89.1	0.4	3.4	Dwight Capital	10,408	3.64	98	-84.0	0.1	0.8	Century Health & Housing	823	3.48	100	-44.0	1.2	2.1
28	CBRE	2,546	3.37	101	-89.6	0.2	1.7	Ziegler	337	3.90	117	-85.2	0.4	2.5	Capital Funding Group	3,466	3.75	112	-55.5	1.0	2.3
29	Century Health & Housing	818	3.50	104	-92.4	0.2	2.7	Century Health & Housing	821	3.49	102	-88.7	0.2	1.8	Bonneville Mortgage	950	4.10	93	-56.9	0.7	1.7
30	AGM Financial	2,078	3.27	64	-96.0	0.0	0.6	Centennial Mortgage	1,429	3.55	130	-91.3	0.2	2.4	Capital One	1,394	3.43	106	-63.6	1.0	2.6
31	Smaller Servicers	119	3.97	98	-97.2	0.0	0.8	CBRE	2,541	3.36	100	-93.6	0.1	1.6	CBRE	2,503	3.34	99	-73.4	0.5	1.8
32	Rose Community Capital	542	3.46	115	-98.5	0.0	1.9	AGM Financial	2,082	3.27	63	-94.6	0.0	0.5	Bellwether Enterprise	2,173	3.71	91	-77.7	0.4	1.7
33	Capital One	1,438	3.53	105	-99.1	0.0	2.8	Rose Community Capital	540	3.44	114	-97.6	0.0	1.2	Centennial Mortgage	1,416	3.51	128	-78.1	0.8	3.6
34	Harper Capital Partners	935	3.16	103	-99.1	0.0	1.0	Smaller Servicers	119	3.96	96	-97.9	0.0	1.1	Northmarq Finance	1,394	3.38	104	-81.6	0.2	1.1
35	M&T Realty	3,180	3.51	104	-99.2	0.0	2.5	Capital One	1,438	3.52	104	-98.8	0.0	2.2	Ziegler	336	3.87	115	-83.1	0.4	2.2
36	X-Caliber Capital	439	4.03	117	-99.7	0.0	1.3	Harper Capital Partners	920	3.14	102	-98.8	0.0	0.8	Massachusetts HFA	1,900	3.56	113	-83.6	0.2	1.4
37	First American Capital	1,143	3.93	106	-99.9	0.0	1.4	M&T Realty	3,077	3.45	105	-98.8	0.0	1.8	First Housing Dev Corp Of FL	300	3.25	101	-85.1	0.4	2.3
38	Massachusetts HFA	1,911	3.59	117	-100.0	0.0	0.7	X-Caliber Capital	431	3.99	116	-99.5	0.0	0.8	Highland	1,096	3.15	81	-88.3	0.2	1.5
39	Regions Bank	953	3.65	62	-100.0	0.0	0.2	First American Capital	1,124	3.91	106	-99.9	0.0	1.0	AGM Financial	2,058	3.24	60	-97.1	0.0	0.9
40	Legacy Capital	203	3.41	58	-100.0	0.0	0.2	Massachusetts HFA	1,902	3.57	116	-100.0	0.0	0.9	Harper Capital Partners	906	3.10	100	-98.5	0.0	0.6
41	Vium Capital	1,772	5.20	75	-100.0	0.0	0.3	Regions Bank	950	3.63	60	-100.0	0.0	0.1	Regions Bank	913	3.53	58	-100.0	0.0	0.4
42	Northmarq Finance	1,383	3.45	108	-100.0	0.0	0.8	Legacy Capital	203	3.41	57	-100.0	0.0	0.2	Legacy Capital	202	3.38	54	-100.0	0.0	0.2
43	Columbia National	901	3.36	86	-100.0	0.0	1.2	Columbia National	882	3.30	86	-100.0	0.0	0.8	Columbia National	860	3.24	86	-100.0	0.0	1.3
44	Churchill Mortgage	472	4.42	75	-100.0	0.0	1.0	Churchill Mortgage	463	4.39	74	-100.0	0.0	0.9	Churchill Mortgage	443	4.32	73	-100.0	0.0	1.5
45	Northpoint	157	3.24	131	-100.0	0.0	4.3	Northpoint	151	3.14	132	-100.0	0.0	2.7	Northpoint	148	3.09	131	-100.0	0.0	2.7

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Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Fixed Rate HECM

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Traditional Mortgage	60	3.57	59	9.8	2.1	1.9	Traditional Mortgage	61	3.59	58	9.9	4.3	4.0	Sun West	21	4.85	89	17.3	5.3	4.6
2	Finance of America	907	3.82	63	7.5	5.1	4.7	Finance of America	919	3.83	62	4.7	5.9	5.7	Finance of America	944	3.86	60	5.4	6.0	5.7
3	Ginnie Mae/RMF	1,129	4.09	79	-1.3	4.9	5.0	Ginnie Mae/RMF	1,167	4.11	79	1.6	6.1	6.0	Ginnie Mae/RMF	1,247	4.16	77	-0.3	6.1	6.2
4	PHH Mortgage	498	4.41	84	-1.4	6.1	6.2	PHH Mortgage	517	4.42	84	-2.7	6.1	6.3	PHH Mortgage	558	4.46	84	-0.4	5.8	5.8
5	Longbridge Financial	450	3.91	63	-11.3	3.0	3.3	Longbridge Financial	452	3.91	62	-11.8	4.2	4.7	Longbridge Financial	455	3.92	59	-10.5	3.9	4.3
6	Sun West	19	4.87	90	-96.0	0.1	3.1	Sun West	20	4.88	89	-42.7	2.5	4.4	Traditional Mortgage	62	3.61	56	-32.2	2.9	4.3

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Ginnie Mae: Monthly Reset HECM

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	The Money House	15	5.62	41	222.7	9.1	2.9	Traditional Mortgage	1,033	5.83	42	25.1	10.2	8.2	Traditional Mortgage	979	6.00	41	14.9	9.7	8.5
2	Sun West	109	5.84	46	47.2	8.9	6.2	Guild Mortgage	413	5.93	30	19.5	10.4	8.8	Guild Mortgage	379	6.10	29	12.9	9.4	8.3
3	Traditional Mortgage	1,069	5.65	43	33.0	11.1	8.5	PHH Mortgage	5,845	6.10	70	12.1	11.6	10.4	PHH Mortgage	5,907	6.28	73	8.1	11.5	10.7
4	Guild Mortgage	431	5.75	31	14.3	9.8	8.6	Sun West	108	6.03	46	-1.2	8.0	8.1	Sun West	105	6.20	45	5.2	9.3	8.8
5	PHH Mortgage	5,827	5.91	69	13.9	11.3	10.0	Finance of America	12,992	6.03	44	-2.3	8.0	8.2	Finance of America	12,713	6.20	42	0.3	8.4	8.4
6	Finance of America	13,150	5.84	45	-1.0	7.9	7.9	Mutual Of Omaha	2,865	6.10	29	-3.4	9.4	9.7	Ginnie Mae/RMF	4,383	6.24	66	-5.2	8.2	8.6
7	Mutual Of Omaha	3,015	5.92	29	-3.3	9.0	9.2	Plaza Home Mortgage	403	5.84	37	-3.8	9.3	9.6	Longbridge Financial	6,033	6.12	37	-6.3	7.5	8.0
8	Longbridge Financial	6,543	5.77	40	-12.0	6.6	7.4	Ginnie Mae/RMF	4,182	6.05	66	-4.6	7.6	7.9	Mutual Of Omaha	2,573	6.27	27	-6.9	9.1	9.8
9	Ginnie Mae/RMF	4,099	5.85	67	-12.2	6.3	7.2	Longbridge Financial	6,358	5.96	39	-10.5	6.8	7.6	Plaza Home Mortgage	373	6.02	37	-10.0	9.1	10.0
10	Plaza Home Mortgage	418	5.65	37	-12.5	9.8	11.1	The Money House	14	5.81	40	-18.4	5.0	6.0	The Money House	14	6.00	38	-36.1	5.2	8.1

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Ginnie Mae: Annual Reset HECM

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Rank	3M Historical Horizon							6M Historical Horizon						12M Historical Horizon							
	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	The Money Source	33	7.54	107	10.2	8.9	8.1	The Money Source	37	7.62	105	22.6	16.5	13.7	Traditional Mortgage	357	6.92	66	13.5	10.4	9.2
2	PHH Mortgage	2,398	6.97	89	5.9	10.2	9.7	Plaza Home Mortgage	161	6.94	88	7.8	13.0	12.1	Mutual Of Omaha	33	7.22	57	8.0	7.1	6.6
3	Mutual Of Omaha	34	6.95	62	5.4	4.0	3.8	Longbridge Financial	2,091	6.84	76	5.4	8.7	8.3	Longbridge Financial	2,124	7.06	73	3.0	9.1	8.8
4	Longbridge Financial	2,070	6.77	77	4.0	8.0	7.7	PHH Mortgage	2,478	7.05	89	4.9	11.0	10.5	The Money Source	47	7.90	101	1.7	13.3	13.1
5	Plaza Home Mortgage	154	6.88	89	0.9	10.9	10.8	Traditional Mortgage	354	6.71	69	-0.0	8.3	8.3	PHH Mortgage	2,659	7.28	87	0.8	10.9	10.8
6	Ginnie Mae/RMF	6,993	7.07	86	-1.1	9.6	9.7	Ginnie Mae/RMF	7,216	7.15	85	-0.8	10.2	10.3	Ginnie Mae/RMF	7,696	7.38	83	0.5	10.6	10.6
7	Finance of America	2,968	6.98	86	-2.0	9.8	10.0	Finance of America	3,058	7.06	86	-5.4	9.6	10.2	Finance of America	3,249	7.28	84	-4.1	10.1	10.5
8	Sun West	128	6.90	96	-13.1	8.0	9.1	Sun West	133	6.98	95	-5.8	10.7	11.3	Sun West	143	7.22	92	-5.6	10.2	10.7
9	Traditional Mortgage	353	6.65	71	-13.8	7.0	8.1	Mutual Of Omaha	34	7.13	60	-34.3	3.5	5.3	Plaza Home Mortgage	173	7.20	87	-8.2	9.7	10.6
10	The Money House	15	6.74	80	-98.3	0.1	8.4	The Money House	15	6.79	78	-75.2	1.9	7.4	The Money House	16	7.03	76	-34.6	7.4	11.1

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