



Santander US Capital Markets LLC

Historical Servicer Prepayment Speed Ranking

September 2024 (August Speeds)

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Agency MBS Strategy

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GSE: Fixed 30yr

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Quicken	272,510	4.21	38	24.4	8.0	6.5	Caliber Home Loans	0	5.41	164	1937.7	56.5	3.9	Specialized Loan Servicing	21,297	4.64	36	25.7	6.9	5.5
2	loanDepot.com	69,495	3.71	33	11.2	6.0	5.4	Quicken	268,361	4.16	37	25.0	7.7	6.2	Quicken	265,723	4.09	36	25.2	6.8	5.4
3	Arvest Mortgage	24,482	3.83	47	5.2	6.7	6.3	loanDepot.com	69,413	3.68	32	10.9	5.7	5.2	loanDepot.com	69,026	3.62	29	9.5	4.8	4.4
4	Movement Mortgage	27,359	5.15	23	4.8	8.1	7.8	Specialized Loan Servicing	13,068	4.74	36	10.7	7.2	6.5	Pingora Loan Servicing	22,786	4.05	61	7.9	6.4	5.9
5	Pingora Loan Servicing	22,048	4.05	66	4.3	7.0	6.7	Movement Mortgage	27,492	5.05	23	6.1	7.7	7.3	Movement Mortgage	30,557	4.85	21	5.8	6.4	6.1
6	Freedom Mortgage	174,975	4.20	38	4.0	6.6	6.4	Pingora Loan Servicing	22,318	4.05	64	5.8	6.9	6.6	Arvest Mortgage	29,875	4.07	41	5.6	5.7	5.4
7	Seneca Mortgage	27,875	3.81	37	2.1	6.1	6.0	Arvest Mortgage	27,323	3.99	44	5.6	6.5	6.1	Freedom Mortgage	147,649	3.75	39	4.1	5.3	5.1
8	United Shore (Retained)	119,223	4.48	25	1.7	6.6	6.5	Freedom Mortgage	158,738	4.01	39	4.7	6.3	6.0	Nexus Nova	23,952	3.70	31	3.0	5.0	4.8
9	Matrix Financial	64,643	3.58	51	0.6	5.7	5.7	Nexus Nova	24,987	3.87	32	2.1	5.9	5.8	Fifth Third	78,414	3.80	45	2.6	5.3	5.1
10	Fifth Third	77,232	3.82	49	0.5	6.1	6.1	United Shore (Retained)	148,330	4.61	23	1.3	6.3	6.2	Regions Bank	49,633	3.86	40	1.1	5.3	5.3
11	Lakeview	292,657	4.95	29	0.4	7.0	7.0	Regions Bank	50,338	3.89	42	1.1	6.1	6.1	Truist Bank	157,075	3.65	55	0.9	5.0	5.0
12	Truist Bank	154,311	3.69	59	-0.1	5.9	5.9	New American Funding	37,157	3.96	35	0.9	6.0	5.9	Wells Fargo	339,949	3.81	71	0.9	5.4	5.3
13	U.S. Bank	139,746	4.20	52	-0.2	6.4	6.4	Matrix Financial	98,181	3.56	49	0.8	5.5	5.4	Matrix Financial	115,952	3.55	46	0.8	4.7	4.6
14	MSR Asset Vehicle	47,131	3.25	39	-0.2	5.2	5.2	Lakeview	289,991	4.90	28	0.8	6.6	6.6	MSR Asset Vehicle	48,872	3.25	35	0.6	4.3	4.3
15	Nationstar	382,881	4.19	53	-0.5	6.4	6.5	Flagstar	51,481	4.39	33	0.8	6.5	6.4	United Shore (Retained)	173,970	4.43	22	0.5	5.1	5.1
16	Flagstar	51,987	4.44	34	-0.7	6.7	6.7	PennyMac	296,901	4.19	34	0.6	6.3	6.3	Lakeview	275,071	4.78	27	0.0	5.7	5.7
17	Marlin Mortgage Capital	21,187	3.30	39	-0.8	5.0	5.1	Fifth Third	77,853	3.81	48	0.6	6.0	5.9	PennyMac	289,909	4.09	32	-0.3	5.4	5.4
18	PennyMac	301,256	4.24	35	-0.8	6.6	6.6	MSR Asset Vehicle	47,435	3.25	38	0.5	5.1	5.0	New American Funding	36,737	3.87	33	-0.5	5.0	5.1
19	Wells Fargo	316,300	3.79	74	-0.9	6.1	6.2	Seneca Mortgage	26,987	3.75	36	0.4	5.7	5.7	Nationstar	347,648	4.08	48	-0.7	5.4	5.5
20	Regions Bank	50,146	3.91	43	-1.1	6.2	6.3	Truist Bank	154,808	3.67	58	0.1	5.7	5.7	Seneca Mortgage	25,770	3.70	34	-0.9	4.8	4.9
21	Chase	459,882	3.68	55	-1.9	5.6	5.7	Marlin Mortgage Capital	21,084	3.25	38	0.1	4.8	4.8	Flagstar	50,255	4.29	31	-0.9	5.5	5.6
22	Citizens Bank	66,201	4.05	45	-1.9	6.3	6.4	CMG Mortgage	63,388	4.13	31	-0.5	5.9	6.0	CMG Mortgage	64,269	4.01	29	-1.0	5.0	5.0
23	Huntington National Bank	21,611	4.32	48	-1.9	7.1	7.2	Nationstar	374,372	4.15	51	-0.9	6.2	6.2	Marlin Mortgage Capital	23,134	3.19	36	-1.2	3.9	4.0
24	AmeriHome Mortgage	47,911	6.00	19	-2.0	8.5	8.6	U.S. Bank	139,436	4.16	52	-1.2	6.1	6.1	U.S. Bank	140,662	4.09	50	-1.9	5.3	5.4
25	CMG Mortgage	63,887	4.22	32	-2.1	6.2	6.3	Wells Fargo	319,693	3.79	72	-1.8	5.9	6.0	PNC Mortgage	134,379	3.49	56	-2.1	4.9	5.0
26	United Shore (Sold)	262,135	4.27	34	-2.5	5.6	5.7	PNC Mortgage	133,217	3.51	59	-2.0	5.5	5.7	PHH Mortgage	78,215	4.15	36	-2.6	5.1	5.2
27	New American Funding	37,383	4.01	35	-2.7	6.1	6.2	United Shore (Sold)	228,291	4.05	35	-2.0	5.3	5.4	New Residential	256,689	4.02	58	-2.6	5.3	5.5
28	Nexus Nova	24,105	3.89	34	-2.9	5.9	6.0	Chase	460,025	3.65	54	-2.6	5.3	5.5	United Shore (Sold)	194,570	3.94	35	-3.0	4.6	4.7
29	PNC Mortgage	132,214	3.51	60	-3.1	5.7	5.9	New Residential	280,267	4.05	58	-2.8	6.0	6.2	Huntington National Bank	21,208	4.19	46	-3.5	5.8	6.1
30	PHH Mortgage	79,892	4.27	38	-3.2	6.1	6.3	PHH Mortgage	79,078	4.23	37	-3.4	5.9	6.1	Chase	457,812	3.63	52	-3.6	4.6	4.8
31	Smaller Servicers	1,069,966	4.05	46	-3.4	6.3	6.5	Guild Mortgage	56,880	4.30	35	-3.5	6.3	6.5	AmeriHome Mortgage	51,699	5.68	18	-4.1	6.5	6.8
32	Guild Mortgage	58,167	4.38	35	-3.7	6.7	6.9	Huntington National Bank	21,449	4.27	47	-4.1	6.6	6.9	Citizens Bank	65,879	3.96	42	-4.3	5.1	5.3
33	New Residential	285,118	4.10	58	-3.7	6.2	6.5	Smaller Servicers	1,035,582	4.02	45	-4.2	6.0	6.2	Smaller Servicers	1,023,216	3.96	43	-4.3	5.2	5.4
34	Onslow Bay Financial	94,471	3.20	38	-3.8	4.7	4.9	Onslow Bay Financial	93,800	3.18	37	-4.3	4.5	4.7	Onslow Bay Financial	92,225	3.16	34	-4.5	3.8	3.9
35	CrossCountry Mortgage	62,995	4.24	30	-3.8	6.3	6.5	AmeriHome Mortgage	49,717	5.94	18	-4.3	7.8	8.1	Guild Mortgage	55,491	4.19	33	-5.1	5.3	5.6
36	Citi	33,010	4.48	54	-3.8	6.0	6.2	Planet Home Lending	20,802	4.96	26	-4.4	6.3	6.6	Planet Home Lending	20,901	4.97	23	-5.8	5.4	5.8
37	Planet Home Lending	20,512	4.95	27	-6.6	6.4	6.8	Citizens Bank	66,061	4.02	44	-4.5	5.9	6.1	Caliber Home Loans	20,990	3.52	36	-6.0	4.1	4.4
38	Provident Funding	23,905	3.95	60	-7.7	5.6	6.0	CrossCountry Mortgage	62,183	4.18	30	-5.2	5.9	6.2	Citi	31,646	4.31	53	-7.6	4.8	5.2
39	Bank of America	47,276	4.63	126	-10.3	6.4	7.1	Provident Funding	24,206	3.92	59	-7.3	5.3	5.7	CrossCountry Mortgage	61,182	4.08	28	-7.6	4.9	5.3
40								Citi	32,462	4.42	54	-7.6	5.4	5.9	Bank of America	48,588	4.61	124	-8.4	5.9	6.5
41								Bank of America	47,706	4.62	125	-8.9	6.4	7.0	Provident Funding	23,015	3.91	59	-8.7	4.6	5.1

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

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Nexus Nova	1,622	2.77	38	22.0	7.4	6.1	Quicken	51,946	2.97	43	20.9	7.9	6.6	Quicken	53,602	2.95	40	22.2	7.2	5.9
2	Quicken	51,260	2.98	44	19.9	8.1	6.8	Movement Mortgage	1,061	3.27	33	15.7	8.7	7.5	Specialized Loan Servicing	2,416	3.44	39	9.6	7.7	7.1
3	Movement Mortgage	1,013	3.29	34	12.0	8.7	7.8	Nexus Nova	1,726	2.77	37	10.9	6.5	5.9	Movement Mortgage	1,251	3.17	31	9.5	7.0	6.5
4	Pingora Loan Servicing	2,572	3.16	63	7.3	8.2	7.7	AmeriHome Mortgage	1,178	4.49	22	9.8	11.8	10.8	New American Funding	3,732	2.78	37	5.9	5.6	5.3
5	New American Funding	3,582	2.81	41	6.9	6.8	6.4	Pingora Loan Servicing	2,634	3.16	61	8.6	8.2	7.6	AmeriHome Mortgage	1,413	4.20	23	5.6	9.2	8.7
6	AmeriHome Mortgage	1,063	4.50	23	6.9	11.8	11.1	Specialized Loan Servicing	1,453	3.49	41	6.8	8.7	8.1	Nexus Nova	1,805	2.75	34	5.2	5.3	5.0
7	loanDepot.com	15,712	2.58	37	5.8	5.7	5.4	New American Funding	3,634	2.80	40	6.5	6.5	6.1	Pingora Loan Servicing	2,748	3.16	59	4.4	7.1	6.8
8	Arvest Mortgage	1,743	3.12	63	5.6	8.1	7.7	PennyMac	18,559	2.97	40	4.6	6.8	6.6	PHH Mortgage	8,740	2.79	45	4.3	5.5	5.2
9	Freedom Mortgage	21,985	2.63	48	5.4	6.2	5.9	Regions Bank	4,227	2.85	50	4.5	7.2	6.9	Regions Bank	4,198	2.87	49	4.3	6.5	6.2
10	MSR Asset Vehicle	3,608	2.65	39	5.2	6.0	5.7	loanDepot.com	15,925	2.57	36	3.6	5.4	5.2	CMG Mortgage	4,682	2.62	34	4.2	4.8	4.6
11	PHH Mortgage	8,324	2.79	49	3.6	6.2	6.0	PHH Mortgage	8,460	2.79	47	3.5	6.1	5.9	loanDepot.com	16,319	2.55	33	3.4	4.7	4.5
12	Guild Mortgage	2,946	3.06	43	3.5	7.6	7.3	CMG Mortgage	4,429	2.64	37	2.5	5.4	5.3	PennyMac	18,805	2.92	38	2.8	5.9	5.8
13	PennyMac	18,433	3.00	41	3.1	7.0	6.8	Chase	57,883	2.85	51	2.4	6.5	6.3	Caliber Home Loans	1,901	2.79	41	2.7	5.2	5.1
14	Regions Bank	4,140	2.86	51	3.1	7.2	7.0	Freedom Mortgage	21,928	2.61	47	2.0	5.8	5.7	Guild Mortgage	3,050	3.02	40	2.7	6.3	6.1
15	Lakeview	15,761	3.05	37	3.0	6.8	6.6	Lakeview	16,146	3.03	36	1.9	6.5	6.4	Lakeview	16,308	2.96	34	2.2	5.6	5.5
16	CMG Mortgage	4,337	2.66	39	2.7	5.6	5.5	MSR Asset Vehicle	3,638	2.65	37	1.8	5.7	5.6	Arvest Mortgage	1,908	3.12	60	1.9	7.0	6.9
17	U.S. Bank	14,174	3.00	57	2.2	7.1	7.0	Arvest Mortgage	1,814	3.14	62	1.6	7.7	7.6	MSR Asset Vehicle	3,705	2.65	34	1.9	5.0	4.9
18	Chase	56,911	2.85	52	1.7	6.6	6.5	Wells Fargo	54,114	2.98	61	1.0	7.1	7.0	Wells Fargo	57,093	2.98	60	1.0	6.5	6.4
19	Matrix Financial	8,574	2.67	51	0.8	6.0	6.0	U.S. Bank	14,468	3.00	56	0.5	6.9	6.8	Chase	59,945	2.84	49	0.3	5.7	5.7
20	CrossCountry Mortgage	4,803	2.72	39	0.5	6.2	6.1	Matrix Financial	12,696	2.69	50	0.4	5.9	5.9	U.S. Bank	15,048	2.99	55	0.3	6.2	6.2
21	Seneca Mortgage	2,483	2.65	41	-0.0	5.9	5.9	Seneca Mortgage	2,461	2.62	39	-0.8	5.5	5.6	Freedom Mortgage	22,405	2.60	45	0.1	5.0	5.0
22	Wells Fargo	52,893	2.98	63	-0.7	7.1	7.2	Truist Bank	22,289	2.93	55	-1.0	6.6	6.7	Matrix Financial	15,166	2.69	47	-0.0	5.2	5.2
23	Flagstar	8,459	3.03	40	-1.0	6.6	6.7	Flagstar	8,557	3.01	38	-1.2	6.4	6.5	Nationstar	42,064	2.88	43	-1.3	5.6	5.7
24	Truist Bank	21,916	2.94	56	-1.9	6.7	6.9	Nationstar	42,693	2.89	46	-2.0	6.2	6.3	Truist Bank	23,108	2.92	53	-1.4	5.9	6.0
25	Onslow Bay Financial	10,827	2.41	38	-2.8	4.6	4.7	Fifth Third	8,944	2.84	52	-2.4	6.4	6.5	Flagstar	8,723	2.97	36	-2.3	5.6	5.7
26	Nationstar	42,580	2.89	47	-3.1	6.3	6.5	Guild Mortgage	2,971	3.04	42	-2.7	6.8	6.9	Fifth Third	9,246	2.84	50	-2.5	5.7	5.9
27	Smaller Servicers	155,714	2.88	50	-3.5	6.6	6.9	Onslow Bay Financial	10,870	2.41	36	-3.1	4.4	4.6	Bank of America	6,713	3.48	97	-3.1	8.6	8.9
28	Bank of America	6,001	3.48	100	-3.6	9.2	9.5	Bank of America	6,237	3.48	99	-3.6	9.2	9.5	Planet Home Lending	1,399	3.12	33	-3.4	5.7	5.9
29	Fifth Third	8,759	2.84	53	-3.9	6.4	6.7	Marlin Mortgage Capital	1,619	2.65	38	-3.8	5.2	5.4	United Shore (Retained)	21,679	2.90	30	-3.5	5.2	5.4
30	United Shore (Sold)	10,194	2.83	47	-4.6	6.0	6.3	Smaller Servicers	154,633	2.87	49	-4.6	6.4	6.7	PNC Mortgage	25,281	2.76	50	-3.8	5.6	5.8
31	Planet Home Lending	1,381	3.15	37	-4.7	6.8	7.1	CrossCountry Mortgage	4,858	2.70	37	-4.8	5.6	5.8	Seneca Mortgage	2,449	2.60	37	-4.6	4.7	4.9
32	United Shore (Retained)	20,814	3.02	33	-5.8	6.2	6.6	PNC Mortgage	24,478	2.76	53	-5.0	6.1	6.4	Smaller Servicers	159,212	2.85	46	-4.7	5.7	6.0
33	PNC Mortgage	24,011	2.76	54	-6.0	6.2	6.6	United Shore (Retained)	20,978	2.98	32	-5.6	5.9	6.3	Onslow Bay Financial	11,110	2.41	33	-4.8	3.8	3.9
34	New Residential	31,666	3.15	58	-8.0	7.0	7.6	United Shore (Sold)	10,226	2.82	46	-5.9	5.7	6.0	New Residential	30,825	3.12	57	-5.2	6.4	6.8
35	Marlin Mortgage Capital	1,597	2.65	40	-8.2	5.2	5.7	New Residential	31,807	3.13	57	-6.2	7.0	7.4	CrossCountry Mortgage	4,982	2.68	35	-5.6	4.7	5.0
36	Huntington National Bank	3,565	3.09	53	-8.3	7.0	7.6	Planet Home Lending	1,398	3.13	36	-8.2	6.2	6.8	United Shore (Sold)	9,974	2.83	44	-5.7	5.1	5.4
37	Provident Funding	5,403	2.84	68	-8.3	6.3	6.8	Citizens Bank	11,817	2.86	49	-9.0	6.0	6.5	Huntington National Bank	3,761	3.06	50	-7.2	6.3	6.8
38	Citizens Bank	11,607	2.87	50	-8.6	6.1	6.7	Huntington National Bank	3,635	3.08	52	-9.8	6.8	7.5	Citizens Bank	12,226	2.86	46	-8.2	5.4	5.9
39	Citi	3,350	3.27	63	-10.8	7.0	7.8	Citi	3,392	3.24	63	-10.5	6.7	7.4	Marlin Mortgage Capital	2,101	2.59	36	-10.7	3.9	4.4
40								Provident Funding	5,636	2.83	66	-11.8	5.9	6.7	Citi	3,493	3.20	61	-11.1	6.0	6.7
41															Provident Funding	5,606	2.86	67	-11.5	5.5	6.1

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1	Nexus Nova	516	3.19	39	30.0	6.5	5.0	Quicken	28,371	3.26	40	28.3	6.8	5.3	Specialized Loan Servicing	502	4.00	43	32.4	7.9	6.1
2	Quicken	28,208	3.28	41	25.1	7.0	5.6	Specialized Loan Servicing	302	4.11	43	26.5	9.1	7.3	Quicken	28,801	3.23	37	29.0	5.8	4.6
3	Pingora Loan Servicing	805	3.33	54	18.0	6.7	5.7	Nexus Nova	546	3.18	37	21.8	6.1	5.0	Arvest Mortgage	515	3.61	56	13.0	6.3	5.6
4	Arvest Mortgage	481	3.63	58	9.9	7.2	6.5	Pingora Loan Servicing	818	3.34	52	17.1	6.2	5.3	Movement Mortgage	305	3.43	32	9.0	5.4	5.0
5	Freedom Mortgage	5,140	3.30	47	8.3	6.2	5.7	Movement Mortgage	254	3.50	35	15.7	7.4	6.4	Pingora Loan Servicing	838	3.34	49	8.9	5.1	4.7
6	Fifth Third	2,463	3.44	63	7.3	6.4	6.0	Marlin Mortgage Capital	869	2.99	41	12.2	4.7	4.2	Nexus Nova	563	3.17	35	6.6	4.5	4.3
7	Lakeview	7,053	3.22	39	6.3	5.6	5.3	Arvest Mortgage	496	3.63	57	9.3	6.9	6.3	Marlin Mortgage Capital	942	2.98	38	4.7	3.7	3.5
8	PHH Mortgage	2,572	3.21	50	5.5	5.4	5.1	CMG Mortgage	1,266	3.31	37	5.3	5.4	5.2	loanDepot.com	4,462	2.90	31	4.0	4.0	3.9
9	CrossCountry Mortgage	1,630	3.28	38	4.2	5.6	5.4	loanDepot.com	4,381	2.91	34	5.1	4.8	4.6	Caliber Home Loans	604	3.14	39	3.9	4.0	3.8
10	U.S. Bank	7,902	3.46	55	3.9	6.5	6.2	PHH Mortgage	2,587	3.21	48	4.2	5.1	4.9	Flagstar	3,832	3.12	36	2.8	4.1	4.0
11	Matrix Financial	3,558	2.97	49	3.5	4.8	4.6	Flagstar	3,785	3.15	38	3.7	4.8	4.7	PHH Mortgage	2,628	3.20	46	2.4	4.4	4.3
12	CMG Mortgage	1,260	3.38	38	3.0	6.0	5.8	Freedom Mortgage	5,005	3.25	46	3.4	5.5	5.3	Seneca Mortgage	696	3.20	38	1.0	4.3	4.2
13	loanDepot.com	4,337	2.92	35	2.4	5.1	5.0	Lakeview	7,130	3.21	38	2.4	5.1	5.0	MSR Asset Vehicle	1,524	2.94	35	0.9	3.8	3.7
14	Chase	24,641	3.29	61	1.6	5.5	5.4	U.S. Bank	7,924	3.43	54	2.0	6.0	5.8	Lakeview	6,742	3.19	36	0.9	4.4	4.3
15	Wells Fargo	20,213	3.48	71	0.8	5.8	5.8	Wells Fargo	20,683	3.48	71	1.2	5.7	5.6	U.S. Bank	8,029	3.39	52	0.4	5.0	5.0
16	New American Funding	907	3.22	40	-1.1	5.1	5.1	CrossCountry Mortgage	1,632	3.25	36	1.0	5.3	5.2	CMG Mortgage	1,323	3.24	35	0.1	4.4	4.4
17	MSR Asset Vehicle	1,469	2.95	40	-1.2	4.5	4.6	Chase	25,040	3.29	60	1.0	5.3	5.2	Wells Fargo	21,565	3.49	69	-0.0	5.1	5.1
18	Seneca Mortgage	710	3.25	42	-1.7	4.8	4.9	Matrix Financial	5,241	2.99	48	-0.8	4.3	4.4	New American Funding	926	3.18	36	-0.1	4.1	4.1
19	Flagstar	3,762	3.17	40	-1.7	4.8	4.9	MSR Asset Vehicle	1,478	2.95	38	-0.9	4.3	4.3	Chase	25,688	3.30	57	-1.0	4.6	4.6
20	United Shore (Sold)	5,224	3.07	46	-1.8	4.4	4.5	Truist Bank	7,781	3.20	62	-1.3	5.0	5.0	Freedom Mortgage	4,976	3.21	44	-1.1	4.5	4.6
21	Regions Bank	1,271	3.23	49	-1.8	5.5	5.6	Fifth Third	2,504	3.44	63	-1.6	5.8	5.8	Matrix Financial	6,184	3.00	45	-1.5	3.7	3.8
22	Truist Bank	7,654	3.20	63	-4.2	5.0	5.2	Nationstar	14,067	3.25	53	-3.7	4.9	5.1	CrossCountry Mortgage	1,643	3.20	34	-1.8	4.3	4.4
23	Provident Funding	1,210	3.21	60	-4.3	5.6	5.8	United Shore (Sold)	5,179	3.07	45	-4.4	4.2	4.4	Nationstar	14,193	3.22	49	-1.8	4.4	4.5
24	Nationstar	14,048	3.25	54	-5.2	5.0	5.3	PennyMac	9,123	3.03	40	-4.6	4.5	4.7	Truist Bank	8,000	3.20	60	-1.9	4.4	4.5
25	Planet Home Lending	362	3.47	42	-5.9	5.6	5.9	New Residential	14,701	3.43	62	-6.1	5.3	5.6	United Shore (Retained)	6,567	3.04	31	-2.2	3.6	3.7
26	PennyMac	9,067	3.03	41	-6.5	4.7	5.0	Regions Bank	1,290	3.22	48	-6.4	5.1	5.4	Fifth Third	2,546	3.43	61	-3.1	5.0	5.2
27	Smaller Servicers	55,505	3.29	52	-7.0	5.4	5.8	Provident Funding	1,239	3.20	58	-6.7	5.0	5.3	PennyMac	9,267	3.02	37	-4.7	3.9	4.1
28	New Residential	14,573	3.44	62	-7.2	5.5	5.9	Seneca Mortgage	704	3.23	41	-6.9	4.3	4.6	Regions Bank	1,270	3.24	47	-5.0	4.5	4.8
29	Citizens Bank	3,262	3.30	53	-7.9	5.1	5.5	United Shore (Retained)	6,065	3.07	34	-7.2	4.1	4.4	New Residential	14,423	3.43	60	-5.3	4.8	5.1
30	United Shore (Retained)	5,918	3.08	36	-8.7	4.3	4.7	AmeriHome Mortgage	450	4.39	34	-7.2	7.5	8.1	United Shore (Sold)	4,866	3.08	43	-6.5	3.6	3.9
31	Guild Mortgage	1,169	3.34	42	-8.7	5.2	5.7	New American Funding	913	3.21	39	-8.1	4.4	4.8	Guild Mortgage	1,183	3.28	38	-6.9	4.4	4.7
32	PNC Mortgage	8,007	3.21	59	-11.4	4.8	5.4	Guild Mortgage	1,171	3.31	41	-8.4	5.0	5.4	Provident Funding	1,213	3.21	57	-8.0	4.3	4.6
33	Marlin Mortgage Capital	861	2.99	43	-12.5	3.8	4.4	Smaller Servicers	54,555	3.28	51	-9.2	5.0	5.5	Bank of America	3,212	4.12	124	-8.0	6.5	7.1
34	Bank of America	3,022	4.12	128	-12.7	6.9	7.8	PNC Mortgage	8,103	3.21	58	-9.6	4.7	5.2	Smaller Servicers	55,109	3.27	48	-8.3	4.4	4.8
35	Citi	1,594	3.65	70	-13.6	5.4	6.2	Onslow Bay Financial	5,057	2.76	35	-9.8	3.3	3.6	PNC Mortgage	8,251	3.21	55	-8.6	4.2	4.6
36	Huntington National Bank	823	3.51	55	-13.7	5.4	6.2	Huntington National Bank	830	3.48	55	-9.9	5.3	5.9	Huntington National Bank	846	3.46	54	-8.9	4.7	5.2
37	Onslow Bay Financial	5,044	2.76	37	-14.2	3.3	3.8	Bank of America	3,068	4.11	126	-10.9	6.8	7.6	Planet Home Lending	366	3.51	37	-9.7	4.5	4.9
38	AmeriHome Mortgage	430	4.45	34	-21.6	6.7	8.5	Planet Home Lending	369	3.50	40	-12.4	4.7	5.4	AmeriHome Mortgage	660	4.13	32	-10.3	5.4	6.0
39	Movement Mortgage	243	3.53	36	-33.7	3.6	5.4	Citizens Bank	3,307	3.30	52	-12.7	4.6	5.3	Onslow Bay Financial	5,031	2.74	33	-10.8	2.8	3.1
40								Citi	1,609	3.63	69	-15.3	5.0	5.9	Citizens Bank	3,383	3.29	49	-11.1	4.2	4.7
41								Caliber Home Loans	0	3.88	138	-99.9	0.0	5.6	Citi	1,637	3.60	68	-11.3	4.6	5.2

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	Johnson Bank	12	5.49	69	106.3	33.4	17.8	Citizens Bank	54	5.11	40	38.1	16.7	12.4	Cape Cod Five Cents Bank	9	6.33	113	47.7	25.2	17.8
2	Cape Cod Five Cents Bank	8	6.65	120	61.5	28.3	18.5	United Shore (Retained)	253	3.33	26	29.0	12.8	10.0	American Internet Mortgage	7	4.83	65	32.5	15.7	12.1
3	U.S. Bank	52	6.87	153	37.4	26.7	20.2	First Bank	28	2.38	41	22.5	13.3	11.0	Royal Business Bank	13	7.08	84	32.1	22.7	17.6
4	Umpqua	15	2.81	40	37.1	18.9	14.1	U.S. Bank	53	6.62	151	22.1	23.3	19.5	Citizens Bank	55	4.96	40	22.2	14.6	12.1
5	United Shore (Retained)	247	3.34	27	22.8	12.4	10.2	Royal Business Bank	13	7.36	88	20.2	23.5	19.9	Matrix Financial	48	3.93	47	21.5	18.8	15.7
6	Santander Bank	31	5.68	116	20.6	24.8	21.0	Flagstar	20	4.10	24	19.9	12.0	10.1	Old National Bank	28	4.59	42	19.8	13.1	11.1
7	Royal Business Bank	12	7.56	89	17.9	29.7	25.8	Provident Funding	96	6.52	141	19.2	23.7	20.3	PNC Mortgage	143	4.11	83	18.3	13.9	11.9
8	Citi	44	6.97	202	17.5	17.1	14.8	Old National Bank	27	4.67	45	18.3	12.1	10.3	United Shore (Retained)	261	3.32	23	16.5	9.8	8.4
9	Onslow Bay Financial	116	2.34	40	17.3	12.6	10.8	Cape Cod Five Cents Bank	8	6.55	119	18.0	20.8	17.9	Arvest Mortgage	52	5.78	44	15.2	17.9	15.7
10	First Bank	27	2.40	42	16.7	12.5	10.8	Matrix Financial	41	4.07	50	15.6	22.0	19.4	Umpqua	15	2.78	38	12.9	12.7	11.3
11	PNC Mortgage	133	4.38	87	16.0	15.9	13.9	Arvest Mortgage	63	6.03	37	15.4	19.7	17.3	U.S. Bank	57	6.17	146	12.2	20.0	18.1
12	Provident Funding	91	6.74	143	13.6	21.9	19.6	PNC Mortgage	137	4.29	86	14.2	15.9	14.0	First Bank	29	2.33	37	11.9	12.1	10.9
13	Matrix Financial	32	4.12	50	10.7	27.4	25.1	Umpqua	15	2.83	40	13.4	14.4	12.8	United Shore (Sold)	61	4.86	29	10.4	9.1	8.3
14	Fifth Third	48	6.22	144	6.8	19.1	18.0	Onslow Bay Financial	118	2.34	38	11.1	10.5	9.5	Provident Funding	101	6.10	137	9.3	19.4	17.9
15	Chase	1,350	4.65	84	6.4	16.4	15.5	Fifth Third	50	6.04	142	8.7	18.5	17.2	Lakeview	426	4.81	25	6.3	9.1	8.6
16	Quicken	133	3.30	51	6.4	16.4	15.5	Santander Bank	32	5.49	115	7.5	20.4	19.1	Citi	48	6.28	197	5.5	14.3	13.6
17	CMG Mortgage	21	4.45	23	6.3	9.0	8.5	Citi	45	6.72	201	7.0	16.2	15.2	Chase	1,429	4.41	81	3.8	12.9	12.5
18	Arvest Mortgage	64	6.07	37	5.7	20.1	19.1	Johnson Bank	12	5.39	69	5.2	21.8	20.9	Wells Fargo	1,497	4.42	83	2.8	13.1	12.8
19	Wells Fargo	1,347	4.58	85	3.7	15.4	14.9	Chase	1,377	4.57	83	3.0	15.0	14.6	Guaranteed Rate	68	5.98	4	1.9	8.9	8.7
20	Bank of America	336	5.72	87	-1.4	15.8	16.0	Lakeview	472	4.88	26	3.0	9.3	9.1	Santander Bank	34	5.19	112	-0.9	16.2	16.3
21	PennyMac	119	4.80	29	-1.8	10.3	10.5	United Shore (Sold)	59	4.91	32	2.3	10.9	10.6	Truist Bank	56	6.31	182	-1.0	16.2	16.4
22	Citizens Bank	55	5.25	38	-3.4	13.2	13.6	Wells Fargo	1,370	4.49	81	0.2	14.7	14.7	Nationstar	654	6.06	171	-5.3	13.2	13.9
23	Guaranteed Rate	112	6.42	2	-3.4	12.3	12.7	Quicken	136	3.26	50	-0.1	16.6	16.6	Bank of America	357	5.33	83	-5.7	13.0	13.7
24	Smaller Servicers	613	5.53	65	-3.9	12.6	13.1	Truist Bank	53	6.69	186	-0.3	18.5	18.6	New Residential	385	5.99	152	-5.8	12.4	13.1
25	Lakeview	474	4.91	27	-5.7	8.2	8.7	NewRez	24	6.56	186	-1.9	15.8	16.1	Smaller Servicers	600	5.29	65	-7.4	11.4	12.2
26	Nationstar	667	6.61	177	-7.8	14.7	15.8	Guaranteed Rate	81	6.38	2	-2.8	10.9	11.2	NewRez	19	6.37	196	-7.9	15.7	16.9
27	NewRez	29	6.65	181	-11.4	16.1	17.9	Nationstar	655	6.44	175	-4.6	14.8	15.4	Caliber Home Loans	16	5.20	51	-8.1	12.9	14.0
28	New Residential	376	6.43	150	-12.5	12.6	14.3	Smaller Servicers	605	5.46	65	-6.6	12.7	13.5	Specialized Loan Servicing	11	5.55	140	-10.7	16.4	18.2
29	Freedom Mortgage	30	6.46	111	-14.1	20.5	23.4	Bank of America	344	5.59	86	-6.8	14.4	15.3	Freedom Mortgage	31	6.07	111	-12.2	17.0	19.1
30	Truist Bank	52	6.88	187	-15.2	16.9	19.7	CMG Mortgage	22	4.45	22	-8.7	6.0	6.5	Quicken	141	3.18	47	-13.1	12.2	13.9
31	American Internet Mortgage	7	5.03	70	-21.4	11.9	14.9	CrossCountry Mortgage	20	3.72	27	-10.0	10.7	11.8	Fifth Third	52	5.70	141	-13.1	13.2	15.1
32	United Shore (Sold)	58	4.92	33	-28.3	5.7	7.8	New Residential	385	6.27	149	-10.2	13.3	14.7	CrossCountry Mortgage	20	3.63	24	-16.4	9.1	10.8
33	loanDepot.com	460	2.86	27	-31.3	8.6	12.3	PennyMac	118	4.76	28	-12.1	7.9	9.0	loanDepot.com	467	2.78	23	-17.1	8.1	9.7
34	PHH Mortgage	53	7.05	206	-45.4	11.0	19.2	loanDepot.com	463	2.83	26	-19.1	10.1	12.3	Onslow Bay Financial	120	2.32	35	-19.6	6.8	8.3
35	CrossCountry Mortgage	19	3.77	28	-47.8	6.0	11.1	PHH Mortgage	54	6.85	206	-22.5	14.1	17.8	Johnson Bank	13	5.18	65	-20.2	14.7	18.0
36	Amerisave Mortgage	41	4.65	17	-59.6	3.8	9.1	Freedom Mortgage	29	6.39	113	-23.0	17.4	22.0	PennyMac	118	4.70	25	-20.9	8.3	10.4
37	Old National Bank	26	4.74	46	-65.0	3.2	9.0	American Internet Mortgage	7	4.99	69	-48.4	7.5	14.1	Flagstar	20	4.09	21	-21.5	6.9	8.7
38	Flagstar	19	4.12	25	-82.3	1.5	8.0	Amerisave Mortgage	41	4.65	16	-77.6	2.3	9.8	PHH Mortgage	57	6.38	203	-26.5	12.1	16.1
39	Nexus Nova	25	4.86	26	-93.7	0.5	8.2	Specialized Loan Servicing	5	5.84	134	-90.2	1.3	12.2	CMG Mortgage	23	4.47	19	-30.9	5.0	7.2
40								Nexus Nova	25	4.86	24	-91.2	0.7	7.7	Nexus Nova	18	4.54	25	-47.4	3.8	7.1
41															Amerisave Mortgage	41	4.62	13	-72.9	2.4	8.4

Highlighted row is the servicer closest to their comparison speed
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GSE: Hybrid 7/1 and 7/6

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Johnson Bank	35	4.77	37	110.1	18.5	9.2	Amerisave Mortgage	20	5.30	12	35.7	11.8	8.9	Old National Bank	30	3.61	30	24.5	10.9	8.8
2	Amerisave Mortgage	20	5.30	14	92.5	15.6	8.4	American Internet Mortgage	13	4.58	71	33.8	23.0	17.7	Truist Bank	133	5.44	66	21.5	19.9	16.7
3	Old National Bank	30	3.63	34	76.9	20.9	12.4	Johnson Bank	35	4.76	36	23.6	14.0	11.5	American Internet Mortgage	14	4.37	70	20.7	19.3	16.3
4	American Internet Mortgage	13	4.82	71	51.0	30.2	21.1	Truist Bank	129	5.67	67	17.0	21.3	18.5	Specialized Loan Servicing	25	4.99	89	14.5	19.0	16.8
5	CrossCountry Mortgage	68	4.30	25	48.1	13.0	9.0	Guaranteed Rate	291	6.40	3	14.6	14.2	12.5	Arvest Mortgage	46	5.49	23	13.7	12.8	11.3
6	Truist Bank	127	5.79	67	30.0	24.0	19.0	Old National Bank	30	3.62	33	13.6	11.9	10.5	Matrix Financial	253	4.72	31	11.4	12.1	10.9
7	Santander Bank	41	5.32	88	22.4	21.5	17.9	U.S. Bank	535	6.06	29	13.2	18.6	16.6	Fifth Third	83	4.98	75	10.6	13.9	12.6
8	U.S. Bank	605	6.20	26	20.6	20.5	17.3	Chase	2,732	3.90	48	12.2	14.3	12.9	Chase	2,814	3.80	46	8.9	11.9	11.0
9	Nexus Nova	41	4.42	36	20.0	13.1	11.0	Matrix Financial	248	4.96	28	11.6	13.1	11.8	Wells Fargo	3,067	4.71	46	7.7	12.2	11.4
10	CMG Mortgage	258	5.27	20	14.9	10.1	8.9	CMG Mortgage	261	5.27	18	9.2	8.6	7.9	PNC Mortgage	537	3.97	45	6.7	12.1	11.3
11	Matrix Financial	205	5.06	27	14.5	13.5	11.9	Royal Business Bank	117	5.17	76	7.8	14.4	13.5	Guaranteed Rate	215	6.08	3	6.2	11.3	10.7
12	Chase	2,685	3.97	49	14.2	15.1	13.3	CrossCountry Mortgage	68	4.25	24	6.7	10.3	9.6	U.S. Bank	408	5.77	38	5.8	16.4	15.6
13	PHH Mortgage	13	6.27	131	14.1	24.0	21.3	Specialized Loan Servicing	12	5.25	91	5.9	17.9	17.0	CrossCountry Mortgage	66	4.08	22	5.0	10.0	9.5
14	Royal Business Bank	115	5.24	77	6.8	13.6	12.8	Freedom Mortgage	77	6.09	97	3.9	27.8	26.9	PHH Mortgage	13	5.52	130	3.9	19.1	18.4
15	Fifth Third	78	5.25	77	4.5	16.0	15.4	Wells Fargo	2,918	4.79	48	3.4	12.5	12.1	Quicken	1,411	3.75	26	2.7	9.4	9.1
16	Wells Fargo	2,850	4.83	50	3.9	13.1	12.6	Santander Bank	42	5.15	86	2.4	19.7	19.3	Amerisave Mortgage	20	5.29	10	1.7	7.7	7.6
17	Guaranteed Rate	365	6.45	3	3.3	12.6	12.3	United Shore (Sold)	280	5.01	27	0.8	8.5	8.4	Nexus Nova	38	4.28	34	1.4	8.6	8.5
18	Nationstar	879	5.62	56	2.3	12.1	11.9	Quicken	1,491	3.99	27	0.7	10.6	10.5	Royal Business Bank	122	5.05	73	-1.4	13.9	14.0
19	Quicken	1,585	4.19	26	-0.4	11.0	11.0	Fifth Third	80	5.16	77	-0.2	14.3	14.4	Freedom Mortgage	81	5.67	94	-2.2	21.6	22.1
20	Smaller Servicers	993	5.33	36	-0.6	12.3	12.4	Smaller Servicers	934	5.27	37	-0.3	12.7	12.7	Johnson Bank	36	4.73	34	-2.2	9.9	10.1
21	Provident Funding	58	6.22	127	-1.0	21.5	21.7	Flagstar	91	5.10	21	-0.5	10.4	10.5	Nationstar	793	5.28	54	-3.5	9.9	10.3
22	PNC Mortgage	532	4.22	47	-1.1	14.3	14.5	First Bank	32	2.30	38	-0.5	9.8	9.9	CMG Mortgage	268	5.27	15	-5.6	6.7	7.0
23	United Shore (Sold)	276	5.02	28	-3.6	7.2	7.5	PNC Mortgage	534	4.14	46	-1.0	13.2	13.3	United Shore (Sold)	286	4.99	24	-6.3	7.0	7.5
24	Citi	126	5.10	73	-3.8	14.5	15.0	Nationstar	854	5.52	55	-2.0	11.5	11.7	Provident Funding	59	5.76	122	-6.6	17.1	18.2
25	PennyMac	1,260	5.30	13	-7.9	5.5	5.9	PennyMac	1,183	5.29	12	-2.0	6.4	6.5	Bank of America	668	5.48	78	-6.6	16.9	18.0
26	First Bank	31	2.30	39	-9.4	10.7	11.7	Nexus Nova	40	4.42	35	-4.2	8.7	9.0	Smaller Servicers	852	5.07	38	-6.7	10.6	11.3
27	Lakeview	2,514	4.60	22	-9.8	6.7	7.4	Bank of America	637	5.84	80	-4.6	19.1	19.9	First Bank	33	2.29	35	-7.9	7.9	8.5
28	Bank of America	621	6.00	81	-9.9	18.6	20.4	Arvest Mortgage	54	5.74	21	-4.6	12.5	13.0	New Residential	797	5.61	74	-8.0	13.0	14.0
29	New Residential	849	5.86	72	-11.5	14.3	16.1	New Residential	865	5.75	71	-8.2	14.3	15.4	Lakeview	2,141	4.37	21	-9.2	6.0	6.6
30	Freedom Mortgage	74	6.29	97	-12.1	22.0	24.6	Lakeview	2,392	4.52	21	-12.5	6.5	7.4	loanDepot.com	1,540	2.85	25	-9.3	6.2	6.8
31	Citizens Bank	117	5.79	48	-12.3	14.1	15.9	loanDepot.com	1,521	2.87	28	-14.6	7.3	8.4	PennyMac	953	5.24	13	-9.9	5.6	6.2
32	Arvest Mortgage	56	5.83	20	-12.5	9.6	10.9	Citi	127	4.96	74	-15.1	12.3	14.3	Citizens Bank	113	5.34	49	-10.7	11.8	13.1
33	loanDepot.com	1,508	2.89	29	-22.4	6.8	8.7	United Shore (Retained)	527	3.59	25	-16.0	7.2	8.5	Santander Bank	43	4.87	83	-11.0	15.1	16.8
34	NewRez	46	5.96	103	-22.7	19.3	24.3	Provident Funding	59	6.04	125	-18.0	17.3	20.8	Caliber Home Loans	85	4.93	38	-14.9	8.2	9.6
35	United Shore (Retained)	521	3.59	26	-25.5	6.5	8.6	Citizens Bank	118	5.68	47	-18.5	12.5	15.1	NewRez	23	5.80	110	-14.9	19.3	22.3
36	Umpqua	24	4.95	71	-40.3	13.6	21.7	PHH Mortgage	12	6.01	132	-20.6	17.8	21.9	Flagstar	93	5.10	18	-15.8	8.1	9.6
37	Flagstar	90	5.09	22	-43.2	4.3	7.5	NewRez	36	5.86	105	-23.6	19.3	24.5	United Shore (Retained)	525	3.52	22	-19.5	5.6	6.9
38	Onslow Bay Financial	346	2.46	35	-54.6	3.4	7.3	Onslow Bay Financial	350	2.46	33	-33.6	5.0	7.5	Citi	129	4.75	73	-19.9	10.2	12.6
39	Cape Cod Five Cents Bank	24	5.74	93	-88.8	1.1	9.1	Umpqua	25	4.76	69	-35.8	14.3	21.4	Onslow Bay Financial	356	2.45	30	-21.3	4.9	6.2
40								Cape Cod Five Cents Bank	25	5.38	90	-53.3	9.1	18.6	Umpqua	25	4.44	66	-25.8	13.3	17.5
41															Cape Cod Five Cents Bank	26	4.84	84	-35.7	10.4	15.7

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	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	NewRez	45	3.70	64	67.2	16.1	10.0	Cape Cod Five Cents Bank	30	2.94	41	117.7	10.8	5.1	Cape Cod Five Cents Bank	30	2.93	38	90.9	9.2	4.9
2	Old National Bank	14	2.86	41	58.8	12.7	8.2	Truist Bank	45	3.54	78	35.9	15.7	11.8	NewRez	19	3.71	64	45.9	16.3	11.5
3	Cape Cod Five Cents Bank	29	2.95	43	54.6	8.7	5.7	NewRez	34	3.69	63	34.4	15.9	12.1	Specialized Loan Servicing	37	3.46	55	41.0	10.3	7.4
4	Truist Bank	44	3.54	80	52.7	16.7	11.3	Fifth Third	50	3.97	45	27.7	16.4	13.1	Arvest Mortgage	26	4.19	36	22.6	11.4	9.4
5	Fifth Third	49	3.94	45	48.6	18.0	12.5	Santander Bank	45	3.91	77	13.9	13.3	11.7	Truist Bank	46	3.51	75	18.7	11.5	9.7
6	Wells Fargo	1,611	4.69	46	17.2	13.9	12.0	Chase	2,041	3.22	39	12.1	8.8	7.9	Johnson Bank	11	5.00	27	15.6	8.6	7.5
7	Chase	2,017	3.23	41	9.7	8.9	8.2	Provident Funding	14	3.65	55	11.2	10.7	9.7	Wells Fargo	1,633	4.52	45	8.7	11.1	10.2
8	Nexus Nova	6	3.51	30	6.9	6.8	6.3	Old National Bank	14	2.86	39	11.0	9.5	8.6	United Shore (Retained)	357	3.86	22	5.1	6.7	6.4
9	Amerisave Mortgage	13	5.61	11	3.2	8.0	7.7	Johnson Bank	11	4.98	31	8.1	10.7	10.0	PNC Mortgage	186	3.22	45	4.9	8.6	8.2
10	New Residential	476	4.77	44	2.4	9.0	8.8	Wells Fargo	1,616	4.63	45	7.5	12.8	11.9	Chase	2,081	3.21	37	4.0	6.9	6.7
11	Bank of America	285	4.41	76	-1.3	11.3	11.4	United Shore (Retained)	348	3.84	25	6.8	8.8	8.3	Flagstar	75	5.63	18	3.6	10.6	10.3
12	Citi	137	4.95	43	-2.5	9.2	9.5	Citizens Bank	39	3.95	32	6.1	7.6	7.1	PennyMac	89	4.74	19	3.2	7.0	6.7
13	Matrix Financial	63	3.40	50	-3.2	8.4	8.6	Flagstar	73	5.64	21	4.6	11.7	11.2	CrossCountry Mortgage	83	2.83	32	2.4	6.2	6.0
14	Smaller Servicers	604	3.61	49	-4.2	8.0	8.3	CMG Mortgage	1,901	5.30	12	-1.2	5.5	5.5	Citizens Bank	39	3.87	30	1.9	6.7	6.5
15	PHH Mortgage	25	3.97	83	-6.6	9.6	10.2	loanDepot.com	1,172	2.47	32	-3.2	6.0	6.2	loanDepot.com	1,194	2.47	29	1.7	5.2	5.1
16	CrossCountry Mortgage	80	2.80	37	-7.2	6.9	7.4	Bank of America	290	4.38	75	-4.2	11.2	11.6	CMG Mortgage	1,880	5.32	10	1.5	5.0	4.9
17	U.S. Bank	46	3.57	49	-7.6	10.4	11.2	U.S. Bank	45	3.49	49	-7.0	7.9	8.5	First Bank	16	2.55	39	-2.6	5.7	5.9
18	PNC Mortgage	179	3.25	50	-8.2	8.9	9.7	PNC Mortgage	181	3.23	48	-7.1	8.4	9.1	Santander Bank	46	3.82	75	-6.0	9.1	9.6
19	Santander Bank	44	3.97	79	-8.3	9.8	10.6	CrossCountry Mortgage	81	2.81	35	-8.7	7.7	8.4	Fifth Third	52	3.97	43	-6.0	10.9	11.6
20	United Shore (Retained)	343	3.83	26	-8.3	6.4	6.9	Citi	137	4.92	42	-8.9	7.1	7.8	Provident Funding	11	3.64	53	-6.0	8.2	8.7
21	loanDepot.com	1,159	2.47	34	-8.4	6.2	6.7	New Residential	476	4.77	42	-9.8	8.8	9.7	Quicken	224	3.10	46	-6.3	7.7	8.2
22	CMG Mortgage	1,918	5.29	14	-13.2	4.6	5.3	Freedom Mortgage	20	3.46	61	-10.9	8.4	9.4	New Residential	429	4.81	42	-6.8	8.2	8.7
23	Quicken	215	3.12	50	-15.2	7.4	8.7	Quicken	219	3.11	49	-13.2	8.0	9.2	Bank of America	299	4.35	73	-7.1	9.9	10.6
24	Lakeview	412	3.49	27	-20.3	4.1	5.1	PennyMac	91	4.84	21	-13.8	7.9	9.1	Nationstar	322	4.33	39	-7.3	6.7	7.3
25	Flagstar	72	5.66	22	-23.8	7.5	9.7	Smaller Servicers	594	3.58	48	-15.1	7.4	8.7	Amerisave Mortgage	12	5.58	7	-11.4	6.8	7.7
26	Nationstar	294	4.69	47	-24.4	7.2	9.5	Arvest Mortgage	28	4.40	35	-16.5	6.8	8.1	Citi	136	4.85	40	-12.0	6.0	6.8
27	Umpqua	30	3.15	57	-27.0	8.6	11.6	Matrix Financial	80	3.40	48	-16.6	8.4	10.0	Smaller Servicers	594	3.52	46	-14.8	6.3	7.3
28	Arvest Mortgage	27	4.42	36	-29.1	5.9	8.2	Nationstar	290	4.65	45	-17.1	7.8	9.3	U.S. Bank	45	3.42	48	-14.8	5.9	6.9
29	Johnson Bank	11	4.95	33	-39.8	10.0	16.1	Lakeview	410	3.46	26	-17.1	4.0	4.8	Matrix Financial	91	3.40	45	-14.9	7.1	8.3
30	PennyMac	93	4.92	22	-42.1	5.5	9.3	Amerisave Mortgage	13	5.61	10	-18.5	8.8	10.7	Lakeview	343	3.40	25	-22.5	3.3	4.2
31	Onslow Bay Financial	140	2.51	33	-43.0	3.6	6.3	Nexus Nova	6	3.53	29	-19.4	3.4	4.3	PHH Mortgage	26	3.92	79	-25.0	6.5	8.6
32	American Internet Mortgage	42	3.19	52	-47.3	3.6	6.8	Umpqua	31	3.16	56	-29.9	6.6	9.3	Old National Bank	14	2.86	37	-25.2	5.2	6.9
33	Guaranteed Rate	57	6.77	2	-50.1	4.5	8.9	Guaranteed Rate	40	6.74	2	-31.3	7.1	10.2	Umpqua	31	3.15	53	-28.9	6.0	8.3
34	Freedom Mortgage	23	3.36	60	-71.8	1.6	5.6	American Internet Mortgage	42	3.19	50	-36.6	4.6	7.2	Guaranteed Rate	31	6.20	4	-32.2	7.5	10.8
35	Provident Funding	14	3.68	56	-76.4	1.6	6.7	Specialized Loan Servicing	18	3.46	57	-40.7	4.9	8.1	Freedom Mortgage	19	3.51	61	-35.0	5.9	9.0
36	First Bank	16	2.55	44	-86.5	0.6	4.4	PHH Mortgage	25	3.95	82	-42.6	6.1	10.3	American Internet Mortgage	43	3.18	47	-37.8	4.7	7.4
37	United Shore (Sold)	12	4.99	31	-87.7	0.4	3.3	Onslow Bay Financial	141	2.51	31	-51.4	2.8	5.8	United Shore (Sold)	12	4.99	27	-49.8	5.4	10.6
38	Citizens Bank	38	3.95	34	-91.5	0.6	6.5	First Bank	16	2.55	42	-92.2	0.5	6.7	Onslow Bay Financial	142	2.51	28	-53.9	2.0	4.3
39								United Shore (Sold)	12	4.99	30	-93.0	0.4	5.7	Nexus Nova	6	3.40	27	-54.1	1.9	4.1
40															Caliber Home Loans	54	4.34	26	-54.2	1.6	3.4

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

Ginnie Mae: Fixed 30yr

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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	19,355	6.12	14	55.7	26.2	17.6	Village Capital	18,008	6.09	14	58.8	22.9	15.0	Village Capital	15,880	6.01	14	68.3	19.8	12.2
2	loanDepot.com	37,632	3.89	32	30.9	10.4	8.0	Quicken	110,434	3.93	35	27.8	9.5	7.5	Quicken	109,479	3.85	33	27.9	8.2	6.5
3	United Shore (Sold)	77,889	4.13	30	26.5	12.6	10.1	loanDepot.com	37,796	3.86	31	27.0	9.5	7.5	loanDepot.com	38,379	3.81	29	21.5	7.7	6.4
4	Quicken	111,326	3.99	35	26.3	9.9	7.9	United Shore (Sold)	64,026	3.78	32	19.4	10.5	8.8	MidFirst Bank	11,409	4.43	104	20.5	9.0	7.6
5	MidFirst Bank	10,894	4.41	108	15.6	9.3	8.1	MidFirst Bank	11,062	4.42	107	11.8	8.8	7.9	United Shore (Retained)	55,137	5.49	12	14.2	6.8	6.0
6	CrossCountry Mortgage	23,376	4.46	28	11.3	11.0	9.9	CrossCountry Mortgage	22,862	4.39	28	11.6	9.9	8.9	United Shore (Sold)	55,327	3.43	32	12.4	8.0	7.1
7	Amerisave Mortgage	7,335	3.95	29	10.5	9.1	8.2	United Shore (Retained)	54,081	5.58	12	10.1	7.8	7.1	Freedom Mortgage	299,402	3.51	39	11.5	7.3	6.6
8	United Shore (Retained)	44,401	5.65	11	10.3	8.6	7.8	Freedom Mortgage	310,262	3.64	40	9.4	8.1	7.4	Amerisave Mortgage	7,464	3.91	25	11.1	7.4	6.6
9	Freedom Mortgage	320,510	3.75	40	8.9	8.6	7.9	Amerisave Mortgage	7,397	3.94	28	8.7	8.5	7.8	CrossCountry Mortgage	22,127	4.26	26	7.5	8.0	7.5
10	Nationstar	123,636	3.92	58	6.4	8.7	8.2	Nationstar	123,956	3.91	57	3.5	8.1	7.8	Sun West	10,447	3.53	37	6.2	6.7	6.3
11	Sun West	10,599	3.66	39	4.5	7.9	7.5	Sun West	10,536	3.61	38	2.8	7.4	7.2	Nationstar	124,452	3.86	55	3.6	7.3	7.0
12	PennyMac	282,298	4.07	40	3.0	8.6	8.4	Carrington	94,086	3.82	57	2.1	7.6	7.4	Chase	9,975	4.48	122	3.4	7.0	6.8
13	Carrington	93,992	3.84	58	1.0	7.7	7.6	PennyMac	279,449	4.02	40	1.9	8.0	7.8	Carrington	92,285	3.78	55	2.5	6.9	6.8
14	Chase	9,981	4.56	121	-1.1	7.7	7.8	Chase	9,991	4.54	121	-0.8	7.4	7.4	PennyMac	274,520	3.93	38	0.7	6.8	6.8
15	Mortgage Research Center	31,162	4.48	27	-1.5	14.0	14.2	CMG Mortgage	20,421	4.31	30	-2.6	7.9	8.1	Mortgage Research Center	29,211	4.25	26	0.6	11.5	11.4
16	Truist Bank	20,038	4.06	78	-4.7	8.2	8.6	Truist Bank	20,137	4.04	77	-2.6	7.9	8.1	Lakeview	282,705	3.96	46	-3.9	6.7	7.0
17	Wells Fargo	91,867	3.90	113	-5.6	7.1	7.5	Lakeview	290,221	4.05	48	-3.5	7.7	8.0	CMG Mortgage	19,934	4.21	28	-4.4	6.6	6.9
18	NewRez	130,817	4.06	38	-6.0	8.7	9.2	Mortgage Research Center	30,367	4.39	27	-4.4	12.3	12.8	Wells Fargo	95,946	3.91	108	-5.1	6.6	6.9
19	Lakeview	292,262	4.08	48	-6.2	7.9	8.4	Cardinal Financial	7,630	5.27	20	-4.5	8.5	8.9	Truist Bank	20,151	3.99	76	-5.4	6.8	7.2
20	New American Funding	21,510	4.44	33	-6.5	8.5	9.0	Wells Fargo	93,425	3.90	111	-6.0	7.0	7.4	New American Funding	20,715	4.27	30	-5.5	6.7	7.1
21	Movement Mortgage	20,613	4.58	25	-6.6	10.0	10.7	PNC Mortgage	6,150	4.21	108	-6.3	7.5	8.0	The Money Source	22,296	3.77	47	-6.0	6.6	7.0
22	M&T Bank	26,231	3.49	49	-6.8	6.5	6.9	AmeriHome Mortgage	23,241	6.46	10	-6.9	10.1	10.8	PNC Mortgage	6,257	4.19	106	-7.3	6.9	7.4
23	PNC Mortgage	6,095	4.22	109	-7.2	7.7	8.3	The Money Source	22,397	3.83	49	-7.0	7.5	8.0	Planet Home Lending	69,284	4.34	27	-7.4	6.8	7.4
24	CMG Mortgage	21,001	4.40	30	-7.7	8.0	8.6	Planet Home Lending	71,865	4.45	28	-7.1	8.1	8.7	Cardinal Financial	8,111	5.09	19	-7.7	6.8	7.3
25	AmeriHome Mortgage	23,257	6.49	11	-8.2	11.7	12.7	NewRez	129,359	4.01	37	-7.5	7.8	8.4	NewRez	126,800	3.91	36	-7.8	6.6	7.1
26	BSI Financial	9,483	4.22	38	-8.9	9.8	10.7	New American Funding	21,255	4.38	32	-7.5	7.7	8.3	M&T Bank	26,937	3.48	44	-10.2	5.5	6.1
27	The Money Source	22,343	3.87	50	-9.3	7.7	8.4	M&T Bank	26,492	3.49	47	-8.7	6.3	6.9	AmeriHome Mortgage	21,788	6.36	9	-10.9	7.6	8.5
28	Planet Home Lending	72,843	4.49	29	-9.8	8.9	9.8	Movement Mortgage	21,189	4.57	24	-8.9	8.7	9.5	Smaller Servicers	217,959	4.38	40	-11.2	6.7	7.5
29	PHH Mortgage	18,555	4.92	46	-10.3	7.1	7.9	PHH Mortgage	19,112	4.97	46	-10.6	6.8	7.6	Citizens Bank	13,866	3.73	46	-11.9	6.0	6.8
30	Citizens Bank	13,670	3.78	50	-11.2	7.3	8.2	Citizens Bank	13,754	3.76	48	-10.8	7.0	7.8	PHH Mortgage	18,371	4.91	48	-13.1	5.8	6.6
31	Smaller Servicers	215,815	4.52	42	-13.8	8.3	9.6	Flagstar	12,056	4.89	32	-11.9	8.6	9.7	Movement Mortgage	20,866	4.46	23	-13.3	6.7	7.7
32	Cardinal Financial	6,825	5.36	20	-13.8	8.4	9.7	Smaller Servicers	215,785	4.47	42	-12.0	7.8	8.8	Colorado HFA	8,305	4.60	32	-14.1	5.7	6.6
33	Flagstar	12,459	4.96	32	-15.1	9.6	11.2	Colorado HFA	8,452	4.69	34	-15.1	6.6	7.7	BSI Financial	9,119	4.10	36	-14.8	6.9	8.1
34	Fifth Third	6,234	4.36	85	-15.2	7.7	9.0	BSI Financial	9,384	4.19	37	-15.9	8.1	9.6	Flagstar	13,228	4.89	30	-14.8	6.8	8.0
35	Navy Federal Credit Union	31,993	3.86	46	-24.8	7.4	9.7	Fifth Third	6,210	4.33	84	-17.1	7.0	8.4	Fifth Third	6,153	4.27	84	-16.3	6.2	7.4
36	Guild Mortgage	25,425	4.25	39	-24.8	7.1	9.3	Navy Federal Credit Union	31,744	3.82	45	-23.3	6.8	8.8	U.S. Bank	56,567	4.36	55	-20.1	5.7	7.1
37	Colorado HFA	8,551	4.74	35	-25.4	6.1	8.1	U.S. Bank	56,981	4.42	56	-23.8	6.2	8.0	Navy Federal Credit Union	30,309	3.66	45	-21.4	6.0	7.6
38	U.S. Bank	57,144	4.46	57	-28.0	6.2	8.5	Guild Mortgage	25,159	4.20	39	-24.2	6.5	8.6	Guild Mortgage	24,709	4.11	37	-23.4	5.7	7.4
39	Essex Mortgage	10,163	5.53	24	-28.2	7.3	10.0	Idaho HFA	18,615	4.73	36	-30.9	4.7	6.8	Essex Mortgage	9,561	5.36	22	-28.8	6.2	8.6
40	Idaho HFA	18,917	4.79	37	-30.2	4.8	6.8	Essex Mortgage	9,911	5.47	24	-32.5	6.7	9.8	Cornerstone Capital Bank	5,476	4.97	16	-32.7	4.1	6.0
41	Cornerstone Capital Bank	4,780	5.31	16	-39.9	5.4	8.9	Cornerstone Capital Bank	4,943	5.21	16	-33.0	5.1	7.5	Idaho HFA	17,920	4.62	35	-33.2	4.2	6.2

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

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Movement Mortgage	27	2.66	36	41.3	14.1	10.2	Cornerstone Capital Bank	1	3.97	21	626.7	29.7	4.7	Cornerstone Capital Bank	2	3.67	22	122.1	11.3	5.2
2	Essex Mortgage	7	4.32	26	31.6	25.0	19.5	AmeriHome Mortgage	10	4.14	19	39.5	17.6	12.9	Cardinal Financial	89	2.76	34	49.5	11.8	8.1
3	AmeriHome Mortgage	10	4.16	20	27.4	23.3	18.8	loanDepot.com	724	2.78	49	18.2	11.2	9.6	AmeriHome Mortgage	9	4.07	18	33.1	13.0	10.0
4	Village Capital	19	2.64	56	21.6	13.1	10.9	CrossCountry Mortgage	19	2.94	34	13.4	10.8	9.5	CrossCountry Mortgage	20	2.93	31	23.0	10.0	8.2
5	loanDepot.com	702	2.77	51	20.1	11.3	9.5	PHH Mortgage	89	3.43	88	12.5	17.7	15.9	New American Funding	75	2.97	40	17.2	10.4	9.0
6	CrossCountry Mortgage	19	2.95	35	15.6	13.2	11.5	Village Capital	19	2.64	55	10.0	11.5	10.5	Essex Mortgage	7	4.30	22	16.4	16.4	14.3
7	Mortgage Research Center	109	2.58	34	12.9	11.3	10.0	Movement Mortgage	29	2.72	34	9.1	10.0	9.2	Movement Mortgage	32	2.74	30	15.3	9.8	8.6
8	Cardinal Financial	61	2.76	39	7.0	7.9	7.4	Quicken	3,124	3.02	57	9.0	12.3	11.4	loanDepot.com	770	2.81	46	12.5	9.9	8.9
9	Quicken	3,037	3.01	58	6.2	11.7	11.0	Planet Home Lending	132	2.90	65	7.1	11.7	11.0	Quicken	3,303	3.02	55	11.1	11.9	10.7
10	NewRez	734	2.98	57	5.3	10.7	10.1	United Shore (Sold)	167	2.98	39	5.3	9.0	8.6	Freedom Mortgage	2,031	2.88	57	4.2	10.5	10.1
11	Chase	149	3.44	127	5.0	20.2	19.3	U.S. Bank	162	3.30	114	5.1	17.1	16.4	Village Capital	20	2.64	52	3.5	10.2	9.9
12	CMG Mortgage	49	2.93	57	3.6	10.7	10.4	Freedom Mortgage	1,948	2.88	59	5.0	11.2	10.7	PHH Mortgage	99	3.47	88	3.3	15.6	15.1
13	Freedom Mortgage	1,911	2.87	60	3.3	10.9	10.5	Wells Fargo	831	3.27	123	2.2	18.5	18.2	United Shore (Sold)	158	2.88	38	2.9	8.3	8.1
14	Wells Fargo	778	3.26	125	3.0	18.5	18.0	Essex Mortgage	7	4.31	25	1.9	16.0	15.7	Nationstar	1,987	3.35	59	2.3	10.7	10.4
15	U.S. Bank	154	3.30	115	0.4	15.9	15.8	Cardinal Financial	77	2.76	38	0.8	8.1	8.1	Mortgage Research Center	114	2.57	30	1.5	9.0	8.9
16	Citizens Bank	120	3.02	61	0.1	10.3	10.3	Chase	159	3.45	127	-1.4	19.4	19.6	Wells Fargo	944	3.29	120	1.4	17.0	16.7
17	Nationstar	1,839	3.34	62	-0.3	11.0	11.0	New American Funding	72	2.95	43	-1.5	9.4	9.5	U.S. Bank	178	3.30	112	0.8	15.3	15.2
18	BSI Financial	25	3.14	55	-0.5	10.5	10.6	Truist Bank	240	3.23	89	-3.0	13.2	13.5	The Money Source	70	3.27	71	0.2	10.8	10.8
19	Amerisave Mortgage	83	3.38	29	-0.8	8.5	8.6	Carrington	661	3.21	70	-3.0	11.4	11.8	Amerisave Mortgage	76	3.14	30	-1.6	8.4	8.5
20	New American Funding	70	2.95	45	-0.9	9.4	9.5	Mortgage Research Center	111	2.58	33	-3.1	9.1	9.4	CMG Mortgage	53	2.94	53	-1.7	9.5	9.6
21	PHH Mortgage	84	3.40	88	-1.2	15.3	15.4	PennyMac	859	3.02	68	-3.1	11.1	11.5	Planet Home Lending	140	2.92	64	-2.0	10.1	10.3
22	Lakeview	1,330	3.25	76	-1.5	12.1	12.3	Nationstar	1,888	3.34	61	-3.5	10.8	11.2	Truist Bank	258	3.24	87	-3.1	12.2	12.5
23	Carrington	648	3.20	70	-1.9	11.3	11.5	Lakeview	1,363	3.25	76	-4.0	12.0	12.5	PennyMac	909	3.03	67	-3.2	10.5	10.8
24	Planet Home Lending	128	2.90	66	-4.6	10.2	10.7	CMG Mortgage	51	2.94	56	-4.9	10.2	10.7	Carrington	693	3.22	69	-3.8	10.7	11.1
25	Truist Bank	232	3.23	90	-7.5	12.6	13.6	Citizens Bank	123	3.02	60	-5.2	10.1	10.6	Lakeview	1,428	3.23	75	-5.0	11.2	11.8
26	Navy Federal Credit Union	969	2.84	65	-8.4	10.0	10.9	NewRez	751	2.98	56	-6.2	9.9	10.5	Chase	180	3.47	125	-5.1	17.2	18.0
27	Smaller Servicers	1,033	3.05	62	-8.6	10.3	11.2	Navy Federal Credit Union	996	2.84	64	-6.5	10.3	11.0	NewRez	784	2.98	53	-11.5	8.5	9.6
28	Flagstar	67	3.83	67	-10.1	9.5	10.5	Amerisave Mortgage	78	3.26	30	-9.1	8.4	9.2	BSI Financial	26	3.15	51	-11.9	9.1	10.3
29	PennyMac	835	3.02	69	-10.7	9.9	11.0	M&T Bank	92	3.42	96	-9.6	12.5	13.7	Navy Federal Credit Union	1,046	2.84	62	-12.8	9.1	10.4
30	United Shore (Retained)	4	4.96	3	-11.3	1.1	1.2	United Shore (Retained)	28	3.91	17	-11.5	6.6	7.4	Smaller Servicers	1,125	3.06	59	-14.5	9.0	10.4
31	MidFirst Bank	5	3.46	90	-13.9	11.9	13.7	MidFirst Bank	5	3.46	89	-12.3	11.2	12.7	M&T Bank	98	3.41	95	-16.3	10.4	12.3
32	Fifth Third	82	3.25	93	-19.7	11.8	14.5	Smaller Servicers	1,063	3.05	61	-14.4	9.7	11.2	Citizens Bank	128	3.02	57	-16.4	8.3	9.9
33	United Shore (Sold)	188	3.09	38	-21.7	6.9	8.7	Flagstar	68	3.83	65	-17.1	8.7	10.4	Guild Mortgage	51	2.96	45	-17.2	7.1	8.5
34	PNC Mortgage	132	3.23	89	-24.0	10.4	13.5	The Money Source	66	3.27	73	-17.3	10.0	11.9	Fifth Third	92	3.26	91	-17.6	12.0	14.4
35	M&T Bank	89	3.43	97	-24.3	10.4	13.5	Fifth Third	85	3.25	92	-18.6	12.4	15.0	PNC Mortgage	146	3.24	87	-18.8	10.7	13.0
36	Sun West	21	2.96	65	-27.4	7.2	9.7	PNC Mortgage	137	3.23	89	-18.6	11.4	13.9	MidFirst Bank	5	3.46	86	-18.8	10.6	12.9
37	Guild Mortgage	48	2.96	49	-34.0	6.0	9.0	BSI Financial	25	3.15	54	-22.2	9.5	12.0	Flagstar	74	3.82	62	-19.2	8.5	10.4
38	The Money Source	64	3.26	74	-34.4	8.0	12.0	Guild Mortgage	49	2.96	48	-25.8	6.8	9.1	United Shore (Retained)	43	3.89	15	-23.0	6.4	8.3
39	Cornerstone Capital Bank	1	4.24	19	-100.0	0.0	2.5	Sun West	22	2.96	63	-28.7	6.9	9.6	Sun West	23	2.97	60	-24.1	7.0	9.2

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

Ginnie Mae: Fixed 40yr

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Mortgage Research Center	17	5.60	11	142.5	8.7	3.7	United Shore (Sold)	2	3.77	22	180.3	27.7	10.8	United Shore (Sold)	2	3.44	20	177.6	15.6	5.9
2	Village Capital	13	7.29	7	119.7	59.4	33.1	Village Capital	12	7.33	7	87.4	59.7	37.9	Village Capital	12	7.26	6	119.3	56.9	31.4
3	Nationstar	993	6.90	8	60.8	55.9	39.5	Mortgage Research Center	13	5.28	12	84.4	7.9	4.4	MidFirst Bank	132	6.61	13	57.4	57.0	41.1
4	NewRez	471	7.06	9	60.7	49.4	34.3	NewRez	437	7.03	9	66.4	50.3	34.0	NewRez	376	6.90	8	56.2	44.7	31.4
5	PNC Mortgage	18	7.00	12	25.2	40.2	33.6	Nationstar	920	6.89	8	44.2	46.1	34.6	Nationstar	759	6.84	7	39.9	38.3	29.0
6	MidFirst Bank	100	6.57	19	15.9	41.1	36.6	Guild Mortgage	48	7.18	8	37.5	41.5	32.1	PNC Mortgage	12	6.67	13	26.7	35.9	29.5
7	PennyMac	1,730	6.74	9	15.6	34.3	30.4	loanDepot.com	82	6.36	7	15.7	25.9	22.8	Mortgage Research Center	11	4.88	12	20.5	6.5	5.4
8	Guild Mortgage	52	7.23	8	14.7	36.3	32.4	PennyMac	1,617	6.72	8	11.0	33.9	31.1	Guild Mortgage	41	7.09	8	14.9	36.2	32.3
9	Freedom Mortgage	1,279	7.14	9	8.1	38.7	36.4	MidFirst Bank	106	6.58	17	8.6	37.8	35.4	PennyMac	1,346	6.63	8	11.3	30.1	27.5
10	New American Funding	58	6.93	8	7.7	33.6	31.6	CrossCountry Mortgage	79	7.12	7	8.4	39.4	36.9	loanDepot.com	59	6.15	7	3.5	19.7	19.1
11	CrossCountry Mortgage	108	7.13	6	5.8	40.4	38.7	PNC Mortgage	16	6.91	12	7.0	36.2	34.2	Freedom Mortgage	1,067	7.04	8	2.3	34.6	33.9
12	United Shore (Retained)	270	7.10	6	5.7	34.9	33.4	Freedom Mortgage	1,227	7.13	9	4.0	37.2	36.0	United Shore (Retained)	160	7.04	6	1.8	29.0	28.6
13	loanDepot.com	92	6.42	7	-5.0	27.8	29.0	United Shore (Retained)	236	7.09	6	1.1	31.4	31.2	Essex Mortgage	19	6.70	10	-2.4	32.3	33.0
14	The Money Source	244	6.26	14	-8.7	29.7	32.1	New American Funding	51	6.87	8	-8.0	28.5	30.6	CrossCountry Mortgage	55	7.06	7	-5.0	33.4	34.9
15	Quicken	127	6.94	7	-20.6	34.9	41.9	The Money Source	232	6.19	13	-11.7	27.0	30.1	Quicken	88	6.79	6	-7.5	27.5	29.4
16	AmeriHome Mortgage	273	7.01	8	-22.2	25.0	31.0	Lakeview	3,112	6.44	10	-11.8	26.9	30.0	New American Funding	37	6.64	9	-11.6	23.2	25.8
17	Lakeview	3,405	6.52	10	-22.5	22.5	28.1	Quicken	114	6.88	6	-14.8	30.8	35.1	Lakeview	2,657	6.31	10	-13.6	21.8	24.8
18	Sun West	17	7.08	10	-28.4	18.0	24.2	AmeriHome Mortgage	245	6.97	8	-18.5	25.1	29.9	AmeriHome Mortgage	191	6.84	7	-15.6	21.5	25.0
19	CMG Mortgage	164	6.47	9	-28.9	20.7	28.0	CMG Mortgage	147	6.40	8	-26.6	21.3	27.9	The Money Source	200	6.00	13	-16.7	20.6	24.3
20	Movement Mortgage	27	7.29	5	-29.7	17.8	24.4	Idaho HFA	47	6.45	13	-29.2	25.1	33.7	CMG Mortgage	112	6.17	8	-25.5	18.3	23.8
21	Carrington	983	6.61	13	-32.5	19.6	27.7	Carrington	904	6.55	13	-30.6	18.2	25.3	Carrington	738	6.39	13	-29.6	15.9	21.9
22	Idaho HFA	51	6.56	13	-34.0	23.5	33.5	Cardinal Financial	35	7.20	8	-30.6	23.3	31.8	Wells Fargo	236	6.22	9	-32.2	10.3	14.8
23	Cardinal Financial	38	7.25	8	-39.3	19.9	30.8	Amerisave Mortgage	16	7.29	7	-33.3	26.2	36.7	Idaho HFA	41	6.27	13	-36.7	21.5	31.9
24	Amerisave Mortgage	19	7.29	7	-40.2	23.6	36.5	Smaller Servicers	484	6.59	10	-36.7	19.6	29.3	Smaller Servicers	394	6.43	10	-39.2	16.3	25.5
25	Smaller Servicers	535	6.65	11	-41.5	19.5	31.1	Wells Fargo	311	6.37	10	-41.5	7.5	12.5	Cardinal Financial	27	7.10	7	-40.7	17.3	27.6
26	Wells Fargo	334	6.43	11	-42.5	8.1	13.8	Movement Mortgage	21	7.27	5	-45.7	14.3	24.8	Amerisave Mortgage	11	7.26	6	-42.7	20.5	33.2
27	Essex Mortgage	20	6.82	13	-43.3	25.1	40.2	Sun West	16	7.05	10	-49.2	13.1	24.2	Sun West	13	6.99	9	-47.7	11.1	20.2
28	Planet Home Lending	95	7.02	10	-48.3	21.4	37.5	Flagstar	88	6.57	11	-54.3	10.3	21.3	Movement Mortgage	12	7.21	5	-51.3	12.6	24.4
29	Flagstar	108	6.69	10	-50.2	12.0	22.7	Planet Home Lending	88	6.98	9	-61.3	14.4	33.3	Flagstar	67	6.28	12	-58.5	8.5	19.4
30	BSI Financial	10	6.91	17	-77.4	10.7	39.7	Essex Mortgage	19	6.76	12	-63.9	16.5	39.7	Planet Home Lending	66	6.86	9	-59.8	12.4	28.3
31	PHH Mortgage	40	7.12	7	-81.3	4.8	23.4	PHH Mortgage	39	7.00	9	-65.5	9.5	25.3	PHH Mortgage	33	6.88	9	-75.2	7.4	27.0
32	M&T Bank	1	3.53	25	-84.6	0.3	1.9	BSI Financial	10	6.90	16	-76.8	8.7	32.8	M&T Bank	1	3.53	21	-77.5	0.2	0.9
33	Cornerstone Capital Bank	0	3.58	24	-96.9	0.2	4.8	M&T Bank	1	3.53	24	-86.4	0.2	1.3	BSI Financial	9	6.86	13	-85.0	4.7	27.6
34	United Shore (Sold)	2	4.07	23	-97.6	0.2	8.4	Cornerstone Capital Bank	0	3.53	22	-99.4	0.2	24.6	Cornerstone Capital Bank	1	3.43	19	-99.5	0.1	13.3
35	U.S. Bank	0	6.88	11	-100.0	0.0	28.5	U.S. Bank	0	6.87	9	-99.9	0.1	75.0	U.S. Bank	0	6.88	9	-99.9	0.1	75.0

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Ginnie Mae: Hybrid 3/1

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	United Shore (Sold)	6	4.47	79	98.6	23.4	12.5	PennyMac	11	4.61	171	76.5	13.1	7.6	PennyMac	12	4.35	169	58.1	11.4	7.4
2	The Money Source	34	4.57	83	60.1	21.7	14.1	United Shore (Sold)	6	4.44	77	65.3	16.1	10.1	United Shore (Sold)	7	4.20	74	47.2	23.8	16.8
3	Fifth Third	6	4.89	158	55.1	24.0	16.1	The Money Source	35	4.48	82	53.7	19.5	13.1	Fifth Third	6	4.56	154	38.5	10.7	7.8
4	PennyMac	11	4.76	173	52.9	9.4	6.3	Fifth Third	6	4.79	157	50.6	13.5	9.2	M&T Bank	3	4.43	218	28.8	16.8	13.3
5	Smaller Servicers	7	4.72	170	41.7	8.0	5.7	Smaller Servicers	7	4.63	171	45.6	20.8	14.8	Smaller Servicers	8	4.35	167	21.1	14.7	12.3
6	PHH Mortgage	115	4.48	177	24.9	12.6	10.2	M&T Bank	3	4.67	221	28.8	28.0	22.4	The Money Source	37	4.18	78	19.0	15.3	13.0
7	Carrington	30	4.66	187	22.7	8.7	7.1	Ginnie Mae—360 Mortgage	3	4.39	88	22.3	27.2	22.8	BSI Financial	12	4.38	77	8.3	13.5	12.6
8	Ginnie Mae—360 Mortgage	3	4.41	89	22.1	29.2	24.6	PHH Mortgage	118	4.40	175	10.6	11.5	10.5	PHH Mortgage	122	4.14	172	6.1	9.4	8.9
9	NewRez	366	4.69	166	3.8	13.7	13.2	Truist Bank	8	4.63	209	5.6	7.3	6.9	Carrington	32	4.33	182	5.2	11.4	10.9
10	Nationstar	63	4.52	144	2.6	16.5	16.1	Carrington	31	4.55	185	5.1	11.5	11.0	Freedom Mortgage	608	4.23	137	1.1	9.9	9.8
11	MidFirst Bank	26	4.92	236	0.7	10.4	10.3	Village Capital	193	3.98	43	4.1	21.8	21.0	NewRez	394	4.30	161	0.4	11.7	11.7
12	Gateway Mortgage	1	4.69	13	0.1	0.0	0.0	MidFirst Bank	27	4.76	235	2.8	12.7	12.4	CrossCountry Mortgage	4	3.37	16	0.3	4.6	4.6
13	CrossCountry Mortgage	4	3.48	19	-0.0	0.6	0.6	NewRez	376	4.56	163	2.5	13.2	12.9	Village Capital	206	3.92	39	0.3	18.7	18.7
14	CMG Mortgage	3	4.56	36	-0.0	0.5	0.5	Gateway Mortgage	1	4.62	14	0.1	0.0	0.0	Gateway Mortgage	1	4.38	14	0.0	0.0	0.0
15	Village Capital	187	4.03	45	-2.0	21.6	22.0	CrossCountry Mortgage	5	3.47	18	-0.0	8.2	8.2	CMG Mortgage	3	4.53	30	-0.0	0.5	0.5
16	Freedom Mortgage	576	4.57	142	-2.0	10.2	10.4	CMG Mortgage	3	4.56	35	-0.0	0.5	0.5	Nationstar	54	4.22	145	-0.2	13.8	13.8
17	loanDepot.com	60	4.14	83	-2.3	19.3	19.7	loanDepot.com	62	4.00	82	-1.5	14.4	14.6	PNC Mortgage	58	4.36	225	-0.9	8.7	8.8
18	Planet Home Lending	264	4.23	143	-4.0	12.6	13.1	Freedom Mortgage	587	4.45	140	-1.5	10.4	10.6	loanDepot.com	66	3.80	78	-1.4	14.2	14.4
19	Truist Bank	8	4.71	211	-6.0	5.3	5.6	PNC Mortgage	55	4.58	228	-1.9	9.3	9.5	MidFirst Bank	28	4.52	232	-1.5	10.2	10.3
20	M&T Bank	3	4.80	223	-7.5	11.1	11.9	Nationstar	56	4.42	146	-4.7	15.4	16.1	Planet Home Lending	279	3.84	137	-2.1	10.3	10.6
21	U.S. Bank	22	4.58	203	-7.7	8.9	9.6	Planet Home Lending	269	4.11	141	-6.0	11.1	11.8	Click N Close.	38	4.26	108	-2.7	12.1	12.4
22	PNC Mortgage	54	4.71	229	-8.2	9.1	9.9	U.S. Bank	22	4.48	202	-12.6	7.8	8.9	Truist Bank	9	4.36	206	-9.5	7.2	7.9
23	BSI Financial	12	4.83	82	-22.9	10.9	14.0	Click N Close.	32	4.44	111	-18.5	12.1	14.7	Ginnie Mae—360 Mortgage	3	4.28	85	-10.0	15.3	16.8
24	Lakeview	67	4.61	157	-32.5	7.4	10.8	Lakeview	68	4.50	156	-22.0	10.1	12.7	U.S. Bank	23	4.23	199	-16.2	8.3	9.8
25	Wells Fargo	20	4.77	209	-34.7	4.4	6.6	Sun West	6	4.38	92	-33.2	20.1	28.7	Lakeview	70	4.28	154	-20.9	9.4	11.8
26	Click N Close.	23	4.53	114	-37.7	6.1	9.6	BSI Financial	12	4.67	80	-50.7	6.0	11.8	Sun West	6	4.15	88	-22.8	14.5	18.4
27	Annie Mac	6	4.80	82	-47.5	9.5	17.4	Annie Mac	6	4.64	81	-50.8	7.6	14.9	Wells Fargo	23	4.40	205	-24.4	4.9	6.5
28	RANLife	9	4.29	17	-96.6	0.2	5.6	Wells Fargo	21	4.65	207	-53.3	3.0	6.3	Annie Mac	6	4.36	78	-34.8	10.1	15.1
29	Sun West	6	4.46	93	-98.6	0.3	17.5	RANLife	8	4.24	16	-93.3	0.2	3.3	Chase	0	3.88	173	-73.2	0.7	2.7
30	Chase	0	4.25	177	-100.0	0.0	3.3	Chase	0	4.25	175	-100.0	0.0	3.1	RANLife	6	4.08	16	-91.8	0.2	2.2

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Ginnie Mae: Hybrid 5/1 and 5/6

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	RANLife	7	4.39	41	542.6	52.1	10.6	RANLife	7	4.28	37	529.8	30.9	5.6	RANLife	7	4.13	35	287.7	18.3	5.0
2	Sun West	1	4.15	65	384.7	40.9	10.1	Smaller Servicers	7	4.64	53	210.3	5.2	1.7	Sun West	1	3.80	62	116.7	11.6	5.5
3	Umpqua	6	2.62	41	143.7	0.7	0.3	Sun West	1	4.05	64	179.8	23.3	9.0	Umpqua	6	2.57	36	79.8	0.5	0.3
4	Planet Home Lending	16	4.51	106	96.6	17.1	9.1	Umpqua	6	2.62	39	99.1	0.7	0.3	Planet Home Lending	16	4.26	103	28.2	7.3	5.7
5	BOK Financial	3	4.58	97	81.2	35.6	21.4	BOK Financial	3	4.54	95	40.6	19.3	14.1	Selene Finance	7	5.22	10	18.2	0.2	0.2
6	Gateway Mortgage	20	5.54	13	78.1	5.0	2.9	Planet Home Lending	16	4.46	106	28.4	9.3	7.3	Prime Lending (Plains Capital)	5	4.02	54	14.3	12.7	11.2
7	CMG Mortgage	8	4.47	94	53.6	12.4	8.3	HomeStreet Bank	10	4.53	107	27.7	14.0	11.1	PNC Mortgage	20	4.40	134	13.9	11.7	10.3
8	Prime Lending (Plains Capital)	5	4.17	58	33.8	28.6	22.2	PNC Mortgage	19	4.65	138	24.1	18.0	14.7	Quicken	211	4.20	97	13.0	13.2	11.8
9	CrossCountry Mortgage	31	4.44	20	32.3	13.9	10.7	Prime Lending (Plains Capital)	5	4.10	56	24.0	20.1	16.5	Gateway Mortgage	19	5.51	9	12.1	2.9	2.6
10	PNC Mortgage	19	4.73	140	24.7	20.5	16.8	Village Capital	22	4.79	80	20.7	10.5	8.8	BOK Financial	3	4.39	91	11.2	10.6	9.5
11	Selene Finance	30	5.22	10	18.2	0.2	0.2	Selene Finance	15	5.22	10	18.2	0.2	0.2	CrossCountry Mortgage	32	4.43	16	9.0	9.2	8.5
12	New American Funding	10	4.72	96	17.1	14.4	12.4	CrossCountry Mortgage	32	4.44	19	16.2	12.7	11.1	CMG Mortgage	9	4.13	88	8.1	23.1	21.6
13	Quicken	199	4.51	101	14.9	17.0	14.9	Gateway Mortgage	20	5.54	12	11.7	5.4	4.8	Fifth Third	9	6.21	147	5.7	12.2	11.6
14	Amerisave Mortgage	83	3.39	26	14.1	14.6	12.9	NewRez	199	4.47	64	11.0	12.3	11.2	HomeStreet Bank	10	4.28	104	5.5	10.2	9.7
15	NewRez	195	4.53	66	7.9	13.4	12.5	CMG Mortgage	9	4.30	91	8.7	31.2	29.1	Truist Bank	26	4.42	162	5.2	11.7	11.2
16	Click N Close.	4	4.81	135	3.2	15.3	14.9	Quicken	203	4.41	100	8.0	13.6	12.7	loanDepot.com	416	4.11	24	3.6	5.6	5.4
17	PHH Mortgage	62	5.06	163	2.6	10.9	10.6	PennyMac	462	4.64	54	3.2	6.4	6.2	NewRez	204	4.34	62	2.8	8.6	8.3
18	Lakeview	559	3.99	69	2.2	10.0	9.8	loanDepot.com	374	4.64	22	2.6	5.5	5.4	PennyMac	405	4.41	60	2.7	6.5	6.3
19	BSI Financial	2	4.77	98	0.0	44.2	44.2	PHH Mortgage	68	5.05	162	1.4	11.0	10.9	Nationstar	109	4.22	94	0.9	12.3	12.2
20	Ginnie Mae—360 Mortgage	1	5.02	73	0.0	0.1	0.1	Flagstar	9	4.94	65	1.0	14.9	14.7	Village Capital	23	4.47	77	0.5	12.0	12.0
21	Flagstar	9	5.10	65	-0.3	16.1	16.1	Lakeview	500	4.00	73	1.0	9.5	9.4	MidFirst Bank	0	5.70	219	-0.0	99.2	99.2
22	PennyMac	475	4.72	52	-1.1	7.4	7.4	Amerisave Mortgage	84	3.39	25	0.8	12.2	12.1	Wells Fargo	618	4.02	151	-0.9	8.0	8.1
23	Wells Fargo	582	4.39	156	-3.4	9.3	9.6	Fifth Third	9	6.72	150	-1.5	15.5	15.7	Amerisave Mortgage	86	3.39	22	-2.5	8.6	8.8
24	Fifth Third	9	6.87	152	-3.6	11.7	12.1	Wells Fargo	592	4.26	154	-2.7	8.7	9.0	Lakeview	384	4.02	87	-3.4	8.9	9.2
25	Guaranteed Rate	96	5.17	4	-5.9	0.2	0.2	Guaranteed Rate	80	5.14	5	-2.8	0.3	0.3	Freedom Mortgage	291	4.14	121	-4.1	8.4	8.8
26	Freedom Mortgage	294	4.51	127	-8.3	9.6	10.5	Truist Bank	25	4.67	166	-3.5	11.4	11.8	BSI Financial	3	4.40	93	-4.5	12.9	13.5
27	M&T Bank	36	4.37	87	-9.0	8.0	8.8	BSI Financial	3	4.67	96	-4.6	24.0	25.0	M&T Bank	37	4.10	82	-6.3	5.9	6.3
28	loanDepot.com	389	4.94	19	-13.4	4.3	4.9	Freedom Mortgage	294	4.37	125	-7.4	8.9	9.6	Carrington	151	4.25	134	-6.8	7.6	8.1
29	U.S. Bank	41	4.48	133	-13.9	9.4	10.8	Nationstar	104	4.42	98	-9.1	11.6	12.7	PHH Mortgage	73	4.70	159	-9.3	9.4	10.4
30	Smaller Servicers	7	4.71	56	-14.8	0.4	0.5	Carrington	149	4.49	135	-13.5	8.2	9.4	U.S. Bank	43	4.14	128	-14.6	5.9	6.9
31	Nationstar	103	4.51	100	-16.4	11.6	13.7	Click N Close.	5	4.62	134	-17.1	7.4	8.8	Smaller Servicers	7	4.33	58	-23.8	3.7	4.8
32	Carrington	147	4.58	136	-19.5	8.4	10.4	U.S. Bank	42	4.37	131	-17.2	6.8	8.2	Click N Close.	5	4.45	130	-24.2	5.6	7.3
33	Truist Bank	24	4.77	168	-24.1	10.1	13.1	M&T Bank	36	4.29	85	-26.3	5.1	6.8	The Money Source	16	4.42	77	-25.2	11.4	14.9
34	The Money Source	15	4.69	79	-47.0	6.1	11.3	New American Funding	11	4.63	94	-36.7	7.8	12.0	Flagstar	13	4.59	63	-27.6	8.5	11.6
35	Village Capital	22	4.90	82	-65.1	2.6	7.3	The Money Source	16	4.60	78	-52.5	7.8	15.7	Movement Mortgage	57	3.50	21	-31.9	2.0	2.9
36	United Shore (Sold)	8	4.80	89	-88.9	0.6	5.4	Ginnie Mae—360 Mortgage	1	4.68	71	-67.7	0.0	0.1	Guaranteed Rate	57	5.05	6	-32.9	0.3	0.4
37	HomeStreet Bank	9	4.63	109	-89.7	1.2	11.5	Movement Mortgage	47	3.48	25	-90.7	0.3	3.0	United Shore (Sold)	8	4.57	84	-38.8	9.4	14.9
38	Movement Mortgage	27	3.32	29	-92.5	0.3	3.7	Chase	2	4.23	160	-93.4	1.6	22.3	New American Funding	11	4.41	92	-45.5	4.3	7.7
39	Chase	2	4.25	162	-96.3	1.7	37.4	United Shore (Sold)	8	4.75	87	-93.8	0.4	7.0	Chase	2	4.00	157	-53.6	7.3	15.2
40	Annie Mac	0	4.75	82	-99.2	0.2	23.8	Annie Mac	0	4.70	81	-99.5	0.3	41.7	Annie Mac	0	4.51	78	-98.3	0.5	24.3
41															Ginnie Mae—360 Mortgage	1	4.51	68	-99.8	0.0	10.0

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Source: Ginnie Mae, Santander US Capital Markets

Ginnie Mae: Hybrid 7/1 and 7/6

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	PHH Mortgage	1	6.77	150	18.8	0.5	0.4	Chase	1	6.30	188	27.2	20.4	16.4	Chase	2	5.97	186	25.8	29.0	23.8
2	Village Capital	1	3.08	83	1.3	0.1	0.1	PHH Mortgage	1	6.50	149	12.0	0.3	0.3	Village Capital	1	2.86	78	5.4	20.9	20.0
3	Carrington	2	6.26	163	1.1	0.6	0.6	Lakeview	10	6.51	160	0.1	15.0	15.0	PHH Mortgage	1	6.02	147	2.9	0.4	0.4
4	Chase	1	6.61	190	0.2	26.5	26.5	Village Capital	1	2.99	82	0.1	16.6	16.6	Lakeview	10	6.02	157	0.5	13.1	13.0
5	Lakeview	9	6.65	162	0.0	12.9	12.9	Freedom Mortgage	2	5.42	97	-0.0	28.2	28.2	Freedom Mortgage	2	4.93	94	-0.0	14.6	14.6
6	Freedom Mortgage	2	5.58	99	-0.0	47.5	47.5	Annie Mac	1	2.78	82	-0.0	0.4	0.4	Nationstar	7	6.04	154	-1.3	7.2	7.3
7	Annie Mac	1	2.80	83	-0.0	0.4	0.4	Nationstar	6	6.43	157	-0.0	12.1	12.1	Annie Mac	1	2.76	79	-10.3	14.8	16.3
8	Nationstar	6	6.63	159	-0.0	15.5	15.5	PennyMac	1	6.60	161	-18.7	0.4	0.5	PennyMac	1	6.10	159	-13.1	0.4	0.4
9	PennyMac	1	6.84	163	-9.6	0.4	0.5	Carrington	2	6.18	161	-82.2	0.8	4.2	Carrington	2	5.68	160	-88.6	0.8	6.7
10	Smaller Servicers	0	2.75	84	-100.0	0.0	0.0	Smaller Servicers	0	2.75	82	-100.0	0.0	0.2	Smaller Servicers	0	2.75	79	-100.0	0.0	0.1
11	Truist Bank	0	7.04	162	-100.0	0.0	0.4	Truist Bank	0	6.76	160	-100.0	0.0	0.2	Truist Bank	0	5.97	157	-100.0	0.0	0.1
12	BSI Financial	0						BSI Financial	0						BSI Financial	0					

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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	Columbia National	845	3.15	81	1920.4	6.6	0.3	Columbia National	849	3.15	80	596.6	3.3	0.5	Rose Community Capital	488	3.06	104	532.9	8.2	1.3
2	Arbor Agency Lending	1,317	3.47	90	747.2	1.8	0.2	Northmarq Finance	1,327	3.18	93	345.8	2.1	0.5	Keybank	4,718	3.29	110	229.6	6.3	2.0
3	Keybank	4,739	3.38	112	284.8	1.5	0.4	Arbor Agency Lending	1,321	3.47	88	241.2	0.9	0.3	Columbia National	854	3.15	77	197.0	1.7	0.6
4	Bellwether Enterprise	1,953	3.48	86	182.9	6.6	2.4	Gershman	3,619	3.17	79	235.4	1.6	0.5	Midland States Bank	2,020	3.41	128	196.6	6.8	2.3
5	Gershman	3,611	3.16	81	142.6	0.4	0.2	Keybank	4,721	3.36	111	175.8	2.5	0.9	Gershman	3,600	3.17	77	193.2	1.6	0.5
6	Lument Real Estate Cap.	21,432	3.31	104	95.9	1.5	0.7	Merchants Capital	7,226	3.25	99	159.2	2.6	1.0	Capital One	1,331	3.17	100	66.6	1.6	1.0
7	Newpoint Real Estate Capital	4,637	3.42	88	92.6	1.0	0.5	Capital One	1,316	3.16	103	134.5	2.3	1.0	Massachusetts HFA	1,874	3.41	98	46.4	2.4	1.6
8	Merchants Capital	7,279	3.28	99	84.1	1.1	0.6	Bellwether Enterprise	1,952	3.48	85	89.4	3.4	1.8	Merchants Capital	7,139	3.23	98	30.5	2.0	1.6
9	Smaller Servicers	1,113	3.36	86	61.7	2.9	1.8	Berkeley Point	957	3.46	107	77.4	2.7	1.5	Arbor Agency Lending	1,316	3.46	86	25.8	0.5	0.4
10	Midland States Bank	1,945	3.42	131	16.0	2.3	2.0	Walker & Dunlop	9,627	3.39	97	25.8	1.2	1.0	Walker & Dunlop	9,512	3.36	96	19.7	1.9	1.6
11	Walker & Dunlop	9,674	3.39	98	-9.2	0.7	0.8	Cambridge Realty	1,389	3.05	116	14.4	2.2	1.9	Northmarq Finance	1,318	3.13	91	16.6	1.3	1.1
12	Capital One	1,307	3.16	104	-14.9	0.4	0.5	Midland States Bank	1,958	3.42	130	10.7	2.4	2.2	Cambridge Realty	1,394	3.03	114	16.4	2.4	2.1
13	Greystone	14,516	3.33	91	-30.2	0.4	0.5	Lument Real Estate Cap.	21,398	3.31	102	-1.0	1.1	1.1	Bellwether Enterprise	1,932	3.47	83	10.1	2.0	1.8
14	Cambridge Realty	1,384	3.05	117	-43.2	1.1	1.9	Smaller Servicers	1,134	3.30	87	-1.1	1.5	1.5	PGIM Real Estate	5,202	3.55	115	8.9	7.6	7.0
15	Centennial Mortgage	1,384	3.38	120	-53.7	0.4	0.8	Dwight Capital	8,791	3.23	89	-4.7	0.5	0.6	PNC Mortgage	2,805	3.51	108	-8.6	2.2	2.5
16	JLL	3,660	3.15	98	-69.0	0.4	1.4	Berkadia	10,979	3.33	95	-6.9	0.8	0.9	Colliers Mortgage	3,588	3.14	81	-11.2	1.4	1.5
17	Century Health & Housing	720	3.26	100	-69.4	0.2	0.7	Newpoint Real Estate Capital	4,600	3.39	87	-23.4	0.5	0.7	Centennial Mortgage	1,361	3.33	117	-18.8	1.7	2.0
18	Capital Funding Group	3,284	3.53	105	-72.4	0.3	1.3	Greystone	14,420	3.32	90	-36.2	0.4	0.6	Grandbridge	2,309	3.21	104	-18.9	0.9	1.1
19	Colliers Mortgage	3,598	3.16	84	-79.7	0.3	1.7	PGIM Real Estate	5,110	3.53	116	-42.5	0.5	0.9	Berkadia	10,768	3.32	94	-20.6	1.0	1.3
20	AGM Financial	1,855	3.17	53	-85.3	0.0	0.2	Colliers Mortgage	3,593	3.15	83	-48.5	0.7	1.4	Berkeley Point	957	3.47	105	-22.7	2.0	2.6
21	PGIM Real Estate	5,097	3.53	117	-86.2	0.1	0.6	JLL	3,630	3.14	98	-59.8	0.5	1.2	Dwight Capital	8,912	3.21	86	-25.0	0.4	0.6
22	Wells Fargo	6,398	3.11	110	-88.1	0.1	0.9	Centennial Mortgage	1,379	3.37	119	-59.8	0.6	1.4	Wells Fargo	6,448	3.12	106	-34.4	1.2	1.8
23	PNC Mortgage	2,816	3.50	110	-91.2	0.1	0.6	Bonneville Mortgage	859	4.01	89	-65.6	0.2	0.7	Newpoint Real Estate Capital	4,575	3.35	85	-34.4	0.6	1.0
24	Davis-Penn	878	3.21	86	-91.6	0.1	0.7	PNC Mortgage	2,810	3.50	109	-73.3	0.3	1.2	Smaller Servicers	1,179	3.24	86	-35.5	0.8	1.3
25	Harper Capital Partners	859	2.92	88	-92.8	0.0	0.1	Century Health & Housing	640	3.28	102	-80.1	0.2	1.1	Capital Funding Group	3,284	3.50	102	-46.3	1.1	2.1
26	Rose Community Capital	498	3.11	107	-95.5	0.0	0.6	Capital Funding Group	3,278	3.52	104	-80.1	0.4	1.8	Lument Real Estate Cap.	21,280	3.29	100	-50.7	0.8	1.6
27	Dwight Capital	8,829	3.25	90	-95.8	0.0	0.2	Wells Fargo	6,421	3.11	108	-84.7	0.2	1.1	Greystone	14,248	3.28	88	-54.9	0.3	0.7
28	CBRE	2,383	3.22	90	-96.3	0.0	0.5	AGM Financial	1,857	3.17	51	-89.2	0.0	0.3	JLL	3,612	3.12	96	-59.9	0.4	1.1
29	M&T Realty	2,802	3.19	98	-98.2	0.0	1.2	Davis-Penn	874	3.21	85	-91.2	0.1	0.6	Bonneville Mortgage	841	3.99	88	-68.7	0.2	0.7
30	Berkadia	11,153	3.34	95	-98.6	0.0	0.6	Harper Capital Partners	861	2.92	87	-91.2	0.0	0.1	Century Health & Housing	566	3.31	102	-80.5	0.3	1.3
31	Berkeley Point	950	3.46	108	-98.9	0.0	1.1	Rose Community Capital	491	3.08	106	-96.0	0.0	0.7	AGM Financial	1,832	3.16	49	-90.3	0.0	0.3
32	Grandbridge	2,313	3.23	107	-99.1	0.0	0.7	CBRE	2,382	3.21	89	-97.0	0.0	0.7	Highland	1,012	3.10	70	-91.7	0.1	1.4
33	Highland	1,040	3.09	72	-99.6	0.0	0.7	M&T Realty	2,783	3.17	97	-97.7	0.0	0.9	Davis-Penn	854	3.22	84	-93.0	0.1	0.8
34	First American Capital	1,017	3.32	100	-99.6	0.0	0.4	Grandbridge	2,319	3.23	106	-99.2	0.0	0.8	Harper Capital Partners	719	2.92	85	-96.4	0.0	0.3
35	Massachusetts HFA	1,936	3.54	100	-99.7	0.0	0.1	Highland	1,042	3.09	71	-99.7	0.0	1.0	M&T Realty	2,738	3.12	95	-96.8	0.0	0.7
36	Bonneville Mortgage	866	4.02	90	-100.0	0.0	0.5	First American Capital	1,017	3.32	99	-99.9	0.0	0.9	CBRE	2,373	3.20	86	-98.5	0.0	1.3
37	Vium Capital	686	3.94	72	-100.0	0.0	0.0	Massachusetts HFA	1,939	3.54	98	-100.0	0.0	0.7	First American Capital	1,003	3.28	97	-99.9	0.0	1.1
38	Regions Bank	766	3.39	53	-100.0	0.0	0.1	Vium Capital	674	3.89	70	-100.0	0.0	0.0	Churchill Mortgage	362	4.06	66	-99.9	0.0	0.5
39	Northmarq Finance	1,338	3.22	94	-100.0	0.0	0.2	Regions Bank	743	3.32	52	-100.0	0.0	0.2	Regions Bank	692	3.25	52	-100.0	0.0	0.2
40	X-Caliber Capital	368	3.51	111	-100.0	0.0	0.2	X-Caliber Capital	364	3.48	110	-100.0	0.0	0.6	Vium Capital	611	3.68	68	-100.0	0.0	0.1
41	Churchill Mortgage	388	4.12	67	-100.0	0.0	1.3	Churchill Mortgage	373	4.08	67	-100.0	0.0	0.8	X-Caliber Capital	362	3.45	108	-100.0	0.0	0.9

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 Rate HECM

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Rank	Servicer	3M Historical Horizon						6M Historical Horizon						12M Historical Horizon							
		\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref	Servicer	\$mm	WAC	WALA	%ΔRef	CPR	Ref
1	Sun West	29	4.86	85	161.8	12.2	4.8	Sun West	29	4.86	83	26.4	8.0	6.4	Traditional Mortgage	69	3.74	44	16.3	5.4	4.6
2	Plaza Home Mortgage	4	4.42	104	84.6	9.8	5.4	Mortgage Assets Management	270	4.86	117	8.7	13.9	12.9	Sun West	29	4.85	81	11.2	5.2	4.7
3	Traditional Mortgage	67	3.71	47	29.0	6.3	4.9	Longbridge Financial	466	3.91	45	6.0	5.2	4.9	Mortgage Assets Management	335	4.88	113	9.3	10.7	9.8
4	Longbridge Financial	466	3.91	47	9.7	4.5	4.1	Finance of America	1,104	3.98	53	1.5	6.8	6.7	Finance of America	1,135	4.00	52	2.3	6.4	6.2
5	Finance of America	1,085	3.96	54	2.8	6.1	6.0	Mutual Of Omaha	1	4.86	60	0.4	43.2	43.1	Longbridge Financial	464	3.89	43	1.4	4.7	4.6
6	Ginnie Mae/RMF	1,636	4.33	72	0.2	6.6	6.5	Ginnie Mae/RMF	1,687	4.35	71	0.2	8.3	8.3	Mutual Of Omaha	1	4.85	57	0.8	24.3	24.1
7	Mutual Of Omaha	1	4.89	62	-0.0	69.9	69.9	PHH Mortgage	557	4.47	66	-12.2	6.5	7.3	Ginnie Mae/RMF	1,789	4.38	70	-0.6	6.9	6.9
8	Mortgage Assets Management	243	4.86	119	-10.5	7.5	8.4	Plaza Home Mortgage	5	4.41	104	-23.7	4.9	6.4	PHH Mortgage	577	4.48	65	-12.9	5.2	6.0
9	PHH Mortgage	545	4.47	67	-17.0	4.6	5.5	Traditional Mortgage	68	3.72	46	-32.0	3.2	4.7	Plaza Home Mortgage	6	4.41	104	-70.2	2.0	6.6
10	The Money Source	8	4.99	91	-90.7	0.1	1.6	The Money Source	8	4.99	89	-95.9	0.1	3.2	The Money Source	9	4.99	86	-96.6	0.1	3.2

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

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	14	7.16	27	56.6	26.1	17.5	Guild Mortgage	215	7.13	20	37.0	13.7	10.2	Guild Mortgage	151	7.22	19	40.0	12.4	9.0
2	Guild Mortgage	242	7.24	20	47.6	13.5	9.4	Traditional Mortgage	812	7.04	33	26.2	10.1	8.1	The Money House	13	7.23	24	25.0	18.4	15.0
3	Sun West	96	7.40	41	28.2	12.3	9.7	The Money House	13	7.05	27	19.1	22.7	19.4	Sun West	88	7.45	41	24.8	10.2	8.3
4	Traditional Mortgage	831	7.14	34	15.6	8.4	7.3	Sun West	94	7.32	41	11.1	11.3	10.3	Traditional Mortgage	767	7.16	32	19.8	8.4	7.1
5	PHH Mortgage	3,709	7.33	41	6.5	9.0	8.4	PHH Mortgage	3,618	7.23	41	7.0	10.0	9.3	Cherry Creek	15	7.35	16	5.5	5.4	5.1
6	Ginnie Mae/RMF	5,345	7.42	65	3.0	9.5	9.2	Mortgage Assets Management	2,487	7.73	146	1.8	18.1	17.8	PHH Mortgage	3,457	7.35	40	3.9	8.6	8.3
7	Mortgage Assets Management	2,329	7.74	147	1.6	16.3	16.1	Ginnie Mae/RMF	5,469	7.35	65	-0.8	10.9	11.0	Ginnie Mae/RMF	5,730	7.43	66	1.4	9.9	9.7
8	Plaza Home Mortgage	252	7.25	38	-2.3	9.3	9.5	Finance of America	11,057	7.22	33	-2.1	8.4	8.6	Mortgage Assets Management	2,833	7.68	144	0.1	15.2	15.2
9	Mutual Of Omaha	1,283	7.44	21	-3.3	8.1	8.3	Longbridge Financial	4,927	7.06	41	-5.8	8.5	9.0	Finance of America	10,558	7.34	32	-1.8	7.5	7.6
10	Longbridge Financial	5,045	7.17	40	-4.4	7.2	7.6	Mutual Of Omaha	1,142	7.33	20	-5.8	8.0	8.5	Plaza Home Mortgage	218	7.30	39	-4.2	8.8	9.2
11	Finance of America	11,269	7.32	34	-5.0	7.5	7.9	Plaza Home Mortgage	241	7.18	38	-8.4	10.3	11.2	Longbridge Financial	4,733	7.16	44	-4.8	7.6	8.0
12	The Money Source	0	8.38	97	-6.6	0.0	0.0	The Money Source	0	8.39	96	-21.9	1.6	2.0	Mutual Of Omaha	904	7.42	19	-6.1	7.1	7.5
13															The Money Source	0	8.35	93	-21.9	0.8	1.0

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

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	Mutual Of Omaha	33	6.79	44	116.7	11.6	5.5	Mutual Of Omaha	33	6.79	42	76.5	11.5	6.7	Mutual Of Omaha	33	6.10	39	18.1	7.5	6.4
2	Mortgage Assets Management	504	7.45	102	7.2	12.0	11.2	The Money Source	115	7.52	90	8.7	13.2	12.2	Traditional Mortgage	376	6.04	49	5.8	9.0	8.5
3	The Money Source	108	7.76	91	3.0	8.9	8.7	Mortgage Assets Management	523	7.25	101	8.5	12.9	11.9	Mortgage Assets Management	550	6.77	98	4.8	10.8	10.3
4	Ginnie Mae/RMF	9,733	7.15	74	2.0	9.9	9.7	Traditional Mortgage	375	6.45	52	2.3	9.5	9.3	Ginnie Mae/RMF	10,212	6.47	71	2.3	10.2	10.0
5	Sun West	191	7.01	83	1.7	10.6	10.4	Ginnie Mae/RMF	9,904	6.96	73	1.3	11.1	10.9	PHH Mortgage	2,947	6.36	71	0.9	10.5	10.4
6	PHH Mortgage	2,857	7.04	75	0.3	9.8	9.7	PHH Mortgage	2,892	6.85	74	-0.6	11.3	11.4	Finance of America	4,078	6.40	72	-4.0	9.6	9.9
7	Traditional Mortgage	374	6.64	54	-0.4	8.3	8.3	Longbridge Financial	2,200	6.63	60	-1.0	8.8	8.9	Longbridge Financial	2,195	6.19	57	-4.6	7.7	8.1
8	Finance of America	3,965	7.05	76	-4.2	9.5	9.9	Finance of America	4,009	6.87	75	-3.1	10.6	10.9	Plaza Home Mortgage	216	6.34	74	-9.3	8.6	9.4
9	Longbridge Financial	2,199	6.81	61	-4.7	7.3	7.6	Plaza Home Mortgage	211	6.80	76	-9.7	9.3	10.2	The Money House	22	6.20	64	-9.9	6.4	7.1
10	Plaza Home Mortgage	208	7.03	78	-6.6	8.6	9.1	Sun West	193	6.80	82	-13.0	8.9	10.1	The Money Source	129	7.10	87	-10.1	9.2	10.2
11	The Money House	22	6.90	68	-38.0	4.3	6.8	The Money House	22	6.71	67	-69.4	2.8	8.8	Sun West	195	6.34	79	-17.0	8.2	9.8

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