

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1

The Citi logo consists of the word "citi" in a blue, lowercase, sans-serif font, with a red curved swoosh above the letter "i". A small registered trademark symbol (®) is located at the top right of the "i".

September 25, 2024

## **STATEMENT TO NOTEHOLDERS**

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## DISTRIBUTION SUMMARY - INITIAL CERTIFICATES

Class	Original Balance	Prior Balance	Pass-Through Rate	Accrual Day Count	Interest Distributed	Other (As Interest) Distributed	Principal Distributed	Total Distributed	Realized Loss /(Recovery)	Non-Cash Balance Change	Current Balance
M-1A	127,000,000.00	91,423,742.56	7.348840%	30/360	559,882.05	-	2,592,128.52	3,152,010.57	-	-	88,831,614.04
M-1B	127,000,000.00	127,000,000.00	8.848840%	30/360	936,502.23	-	-	936,502.23	-	-	127,000,000.00
M-2	63,000,000.00	63,000,000.00	10.848840%	30/360	569,564.10	-	-	569,564.10	-	-	63,000,000.00
<b>Total</b>	<b>317,000,000.00</b>	<b>281,423,742.56</b>			<b>2,065,948.38</b>	-	<b>2,592,128.52</b>	<b>4,658,076.90</b>	-	-	<b>278,831,614.04</b>
<b>Notional</b>											
X-IO	317,000,000.00	281,423,742.56	47.441074%	30/360	11,125,870.56	-	-	11,125,870.56	-	-	278,831,614.04
<b>Grand Total</b>	<b>634,000,000.00</b>	<b>562,847,485.12</b>			<b>13,191,818.94</b>	-	<b>2,592,128.52</b>	<b>15,783,947.46</b>	-	-	<b>557,663,228.08</b>

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## DISTRIBUTION SUMMARY - NON INITIAL CERTIFICATES

Class	Original Balance	Prior Balance	Pass-Through Rate	Accrual Day Count	Interest Distributed	Other (As Interest) Distributed	Principal Distributed	Total Distributed	Realized Loss / (Recovery)	Non-Cash Balance Change	Current Balance
M-2A	31,500,000.00	31,500,000.00	10.848840%	30/360	284,782.05	-	-	284,782.05	-	-	31,500,000.00
M-2B	31,500,000.00	31,500,000.00	10.848840%	30/360	284,782.05	-	-	284,782.05	-	-	31,500,000.00
M-2R	63,000,000.00	63,000,000.00	8.598840%	30/360	451,439.10	-	-	451,439.10	-	-	63,000,000.00
M-2S	63,000,000.00	63,000,000.00	9.048840%	30/360	475,064.10	-	-	475,064.10	-	-	63,000,000.00
M-2T	63,000,000.00	63,000,000.00	9.498840%	30/360	498,689.10	-	-	498,689.10	-	-	63,000,000.00
M-2U	63,000,000.00	63,000,000.00	9.948840%	30/360	522,314.10	-	-	522,314.10	-	-	63,000,000.00
M-2AR	31,500,000.00	31,500,000.00	8.598840%	30/360	225,719.55	-	-	225,719.55	-	-	31,500,000.00
M-2AS	31,500,000.00	31,500,000.00	9.048840%	30/360	237,532.05	-	-	237,532.05	-	-	31,500,000.00
M-2AT	31,500,000.00	31,500,000.00	9.498840%	30/360	249,344.55	-	-	249,344.55	-	-	31,500,000.00
M-2AU	31,500,000.00	31,500,000.00	9.948840%	30/360	261,157.05	-	-	261,157.05	-	-	31,500,000.00
M-2BR	31,500,000.00	31,500,000.00	8.598840%	30/360	225,719.55	-	-	225,719.55	-	-	31,500,000.00
M-2BS	31,500,000.00	31,500,000.00	9.048840%	30/360	237,532.05	-	-	237,532.05	-	-	31,500,000.00
M-2BT	31,500,000.00	31,500,000.00	9.498840%	30/360	249,344.55	-	-	249,344.55	-	-	31,500,000.00
M-2BU	31,500,000.00	31,500,000.00	9.948840%	30/360	261,157.05	-	-	261,157.05	-	-	31,500,000.00
M-2RB	31,500,000.00	31,500,000.00	13.098840%	30/360	343,844.55	-	-	343,844.55	-	-	31,500,000.00
M-2SB	31,500,000.00	31,500,000.00	12.648840%	30/360	332,032.05	-	-	332,032.05	-	-	31,500,000.00
M-2TB	31,500,000.00	31,500,000.00	12.198840%	30/360	320,219.55	-	-	320,219.55	-	-	31,500,000.00
M-2UB	31,500,000.00	31,500,000.00	11.748840%	30/360	308,407.05	-	-	308,407.05	-	-	31,500,000.00

### Notional

M-2I	63,000,000.00	63,000,000.00	2.250000%	30/360	118,125.00	-	-	118,125.00	-	-	63,000,000.00
M-2AI	31,500,000.00	31,500,000.00	2.250000%	30/360	59,062.50	-	-	59,062.50	-	-	31,500,000.00
M-2BI	31,500,000.00	31,500,000.00	2.250000%	30/360	59,062.50	-	-	59,062.50	-	-	31,500,000.00

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## DISTRIBUTION SUMMARY - HYPOTHETICAL CERTIFICATES

Class	Original Balance	Prior Balance	Pass-Through Rate	Accrual Day Count	Interest Distributed	Other (As Interest) Distributed	Principal Distributed	Total Distributed	Realized Loss /(Recovery)	Non-Cash Balance Change	Current Balance
A-H	12,867,217,693	11,919,432,621	0.000000%	30/360	-	-	65,409,593.38	65,409,593.38	-	3,666.03	11,854,026,694
M-1AH	7,033,518.00	5,063,232.59	0.000000%	30/360	-	-	143,557.34	143,557.34	-	-	4,919,675.25
M-1BH	7,033,518.00	7,033,518.00	0.000000%	30/360	-	-	-	-	-	-	7,033,518.00
M-2AH	2,008,379.00	2,008,379.00	0.000000%	30/360	-	-	-	-	-	-	2,008,379.00
M-2BH	2,008,379.00	2,008,379.00	0.000000%	30/360	-	-	-	-	-	-	2,008,379.00
B-1H	67,016,760.00	67,016,760.00	14.348840%	30/360	-	-	-	-	-	-	67,016,760.00
B-2H	100,525,138.00	100,525,138.00	16.348840%	30/360	-	-	-	-	-	-	100,525,138.00
B-3H	33,508,379.00	33,437,637.53	0.000000%	30/360	-	-	-	-	3,677.11	-	33,433,960.42
<b>Grand Total</b>	<b>13,086,351,764</b>	<b>12,136,525,665</b>			-	-	<b>65,553,150.72</b>	<b>65,553,150.72</b>	<b>3,677.11</b>	<b>3,666.03</b>	<b>12,070,972,504</b>

# Structured Agency Credit Risk (STACR) Debt Notes

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## DISTRIBUTION SUMMARY - ACTIVE CERTIFICATES

Class	Original Balance	Prior Balance	Pass-Through Rate	Accrual Day Count	Interest Distributed	Other (As Interest) Distributed	Principal Distributed	Total Distributed	Realized Loss /(Recovery)	Non-Cash Balance Change	Current Balance
M-1A	127,000,000.00	91,423,742.56	7.348840%	30/360	559,882.05	-	2,592,128.52	3,152,010.57	-	-	88,831,614.04
M-1B	127,000,000.00	127,000,000.00	8.848840%	30/360	936,502.23	-	-	936,502.23	-	-	127,000,000.00
M-2	63,000,000.00	63,000,000.00	10.848840%	30/360	569,564.10	-	-	569,564.10	-	-	63,000,000.00
<b>Total</b>	<b>317,000,000.00</b>	<b>281,423,742.56</b>			<b>2,065,948.38</b>	-	<b>2,592,128.52</b>	<b>4,658,076.90</b>	-	-	<b>278,831,614.04</b>
<b>Grand Total</b>	<b>317,000,000.00</b>	<b>281,423,742.56</b>			<b>2,065,948.38</b>	-	<b>2,592,128.52</b>	<b>4,658,076.90</b>	-	-	<b>278,831,614.04</b>

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## DISTRIBUTION SUMMARY - FACTORS

Class	CUSIP	Record Date	Interest Distributed	Other (As Interest) Distributed	Principal Distributed	Total Distributed	Realized Loss /(Recovery)	Non-Cash Balance Change	Current Balance
M-1A	35564KX79 U3201WX69	09/24/2024	4.40852008	-	20.41046079	24.81898087	-	-	699.46152787
M-1B	35564KX87 U3201WX77	09/24/2024	7.37403331	-	-	7.37403331	-	-	1,000.00000000
M-2	35564KY37 U3201WY27	09/24/2024	9.04070000	-	-	9.04070000	-	-	1,000.00000000

# Structured Agency Credit Risk (STACR) Debt Notes

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## DISTRIBUTION INFORMATION - INTEREST DETAIL

Class	Rate		Accrual Dates	Interest		Shortfall		Paid		
	Current	Next		Net Accrued	Deferred	Non Recovered	Carry Forward	Accrued	Carry Forward	Total
M-1A	7.34884%	7.28012%	08/26-09/24	559,882.05	-	-	-	559,882.05	-	559,882.05
M-1B	8.84884%	8.78012%	08/26-09/24	936,502.23	-	-	-	936,502.23	-	936,502.23
M-2	10.84884%	10.78012%	08/26-09/24	569,564.10	-	-	-	569,564.10	-	569,564.10
<b>Total</b>				<b>2,065,948.38</b>	-	-	-	<b>2,065,948.38</b>	-	<b>2,065,948.38</b>
<b>Grand Total</b>				<b>2,065,948.38</b>	-	-	-	<b>2,065,948.38</b>	-	<b>2,065,948.38</b>

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## DISTRIBUTION INFORMATION - INTEREST SHORTFALL DETAIL

Class	Non-Recov Shortall	Carry Forward Interest				
		Prior	Int. on Prior	New	Paid	Outstanding
M-1A	-	-	-	-	-	-
M-1B	-	-	-	-	-	-
M-2	-	-	-	-	-	-
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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## DISTRIBUTION INFORMATION - PRINCIPAL DETAIL

Class	Prior Balance	Principal Distributed	Realized Loss /(Recovery)	Non-Cash Balance Change	Current Balance	Cumulative Realized Loss	Class % Original	Class % Current	Sub % Original	Sub % Current
M-1A	91,423,742.56	2,592,128.52	-	-	88,831,614.04	-	40.06%	31.86%	3.00%	3.26%
M-1B	127,000,000.00	-	-	-	127,000,000.00	-	40.06%	45.55%	2.00%	2.17%
M-2	63,000,000.00	-	-	-	63,000,000.00	-	19.87%	19.87%	1.50%	1.50%
<b>Total</b>	<b>281,423,742.56</b>	<b>2,592,128.52</b>	<b>-</b>	<b>-</b>	<b>278,831,614.04</b>	<b>-</b>	<b>99.99%</b>	<b>97.28%</b>		

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## RECONCILIATION DETAIL

SOURCE OF FUNDS		ALLOCATION OF FUNDS	
<b>Interest Funds Available</b>		<b>Scheduled Fees</b>	
Scheduled Interest	2,076,114.41	Indenture Trustee Fee	6,500.00
Modification (Loss)/Gain Amount	(3,666.03)		
<b>Total Interest Funds Available</b>	<b>2,072,448.38</b>	<b>Total Scheduled Fees</b>	<b>6,500.00</b>
<b>Principal Funds Available</b>		<b>Distributions</b>	
Scheduled Principal	24,184,379.88	Interest Distribution	2,065,948.38
Curtailments	2,064,063.16	Principal Distribution	68,145,279.25
Prepayments in Full/(Reversals)	41,629,887.17		
Liquidation Balance	-	<b>Total Distributions</b>	<b>70,211,227.63</b>
(Current Realized Losses)/Gains	(11.08)		
Repurchased Principal	-		
Trailing Recoveries/(Losses)	-		
(Pool Reactivation)	-		
Reference Pool Removals	266,960.12		
<b>Total Principal Funds Available</b>	<b>68,145,279.25</b>		
<b>Total Funds Available</b>	<b>70,217,727.63</b>	<b>Total Funds Allocated</b>	<b>70,217,727.63</b>

# Structured Agency Credit Risk (STACR) Debt Notes

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## COLLATERAL PERFORMANCE - POOL AND COLLECTIONS SUMMARY

Deal	Initial	Beginning	Ending		Initial	Beginning	Ending
Count	37,756	35,937	35,802	Remaining Term	344	329	328
Scheduled	13,403,351,764.29	12,416,578,237.91	12,348,291,193.21	Gross Rate	3.19698%	3.19512%	Not Available
Actual	13,403,351,764.29	12,417,949,407.95	12,349,804,117.62	Net Rate	3.19698%	2.89880%	Not Available
Principal Collections		Realized Losses			Interest Collections		
Scheduled Principal	24,184,379.88	Current Realized Losses	3,677.11	Scheduled Interest			2,076,114.41
Curtailments	2,064,063.16	Cumulative Realized Losses	74,418.58	Less:			-
Prepayments in Full/(Reversal)	41,629,887.17			Indenture Trustee Fee			6,500.00
Liquidation Balance	-			Modification Loss/(Gain) Amount			3,666.03
(Current Realized Losses)/Gains	(11.08)						
Repurchased Principal	-						
Trailing Recoveries/(Losses)	-						
Reference Pool Removals	266,960.12						
(Pool Reactivation)	-						

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## STRATIFICATION DETAIL

### Loan Rate

Loan Rate Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
2.50 or Less	22	6,617,934.56	0.05	2.4234	327
2.51 to 2.75	1441	572,761,399.57	4.64	2.7298	326
2.76 to 3.00	9128	3,418,145,203.15	27.68	2.9484	327
3.01 to 3.25	14336	4,915,828,570.33	39.81	3.1888	327
3.26 to 3.50	7462	2,432,859,679.17	19.70	3.4113	327
3.51 to 3.75	1892	577,905,374.87	4.68	3.6652	327
3.76 to 4.00	1042	305,636,589.25	2.48	3.9074	327
4.01 to 4.25	261	71,451,091.08	0.58	4.1712	327
4.26 to 4.50	154	34,482,424.04	0.28	4.4238	327
4.51 to 4.75	47	9,416,791.18	0.08	4.6716	327
4.76 to 5.00	14	2,495,130.59	0.02	4.9488	327
5.01 to 5.25	3	691,005.42	0.01	5.1188	328
5.26 to 5.50	0	0.00	0.00	0.0000	0
5.51 or Greater	0	0.00	0.00	0.0000	0
Total	35802	12,348,291,193.21	100.00	3.1952	327

### Ending Schedule Balance

Ending Schedule Balance Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
1 to 100,000	912	68,550,761.36	0.56	3.3887	327
100,001 to 200,000	6101	961,888,176.16	7.79	3.2746	327
200,001 to 300,000	8985	2,244,440,371.74	18.18	3.2498	327
300,001 to 400,000	7616	2,647,070,866.87	21.44	3.2051	327
400,001 to 500,000	4761	2,121,852,735.98	17.18	3.1669	327
500,001 to 600,000	5928	3,261,355,584.03	26.41	3.1434	327
600,001 to 700,000	872	557,807,969.24	4.52	3.1803	327
700,001 to 800,000	465	346,314,381.11	2.80	3.1799	327
800,001 to 900,000	137	115,854,649.37	0.94	3.2174	327
900,001 or Greater	25	23,155,697.35	0.19	3.2764	328
Total	35802	12,348,291,193.21	100.00	3.1952	327

# Structured Agency Credit Risk (STACR) Debt Notes

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## STRATIFICATION DETAIL

### Original LTV

Original LTV Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
60 or Less	0	0.00	0.00	0.0000	0
61 to 65	0	0.00	0.00	0.0000	0
66 to 70	0	0.00	0.00	0.0000	0
71 to 75	0	0.00	0.00	0.0000	0
76 to 80	0	0.00	0.00	0.0000	0
81 to 85	4623	1,639,568,025.94	13.28	3.2039	327
86 to 90	9997	3,605,662,429.79	29.20	3.1766	327
91 to 95	18603	6,489,300,582.96	52.55	3.1928	327
96 or Greater	2579	613,760,154.52	4.97	3.3069	327
Total	35802	12,348,291,193.21	100.00	3.1952	327

### Credit Score

Credit Score Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
600 or Less	0	0.00	0.00	0.0000	0
601 to 620	7	2,516,043.03	0.02	3.7091	327
621 to 640	152	43,508,046.30	0.35	3.8388	327
641 to 660	533	164,912,751.76	1.34	3.7883	327
661 to 680	1159	342,519,926.60	2.77	3.6042	327
681 to 700	2666	850,048,289.72	6.88	3.3845	327
701 to 720	3878	1,251,146,763.28	10.13	3.2931	327
721 to 740	5046	1,693,946,910.60	13.72	3.1987	327
741 to 760	6442	2,259,370,355.60	18.30	3.1418	327
761 to 780	6914	2,504,973,745.72	20.29	3.1196	327
781 to 800	6468	2,359,832,094.34	19.11	3.1184	327
801 to 820	2497	862,924,709.03	6.99	3.1188	327
821 or Greater	22	7,984,524.43	0.06	3.1328	327
Total	35802	12,348,291,193.21	100.00	3.1952	327

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## STRATIFICATION DETAIL

### Seasoning

Seasoning Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
29 Months or Less	0	0.00	0.00	0.0000	0
30 to 31 Months	2628	913,677,344.15	7.40	3.2316	328
32 to 33 Months	30278	10,260,222,195.60	83.09	3.2063	327
34 to 35 Months	2789	1,133,912,350.10	9.18	3.0693	325
36 to 37 Months	99	36,139,862.23	0.29	3.0873	323
38 to 39 Months	2	947,201.85	0.01	3.1250	321
40 to 41 Months	6	3,392,239.28	0.03	3.0763	319
42 to 43 Months	0	0.00	0.00	0.0000	0
44 to 45 Months	0	0.00	0.00	0.0000	0
46 to 47 Months	0	0.00	0.00	0.0000	0
48 to 49 Months	0	0.00	0.00	0.0000	0
50 to 51 Months	0	0.00	0.00	0.0000	0
52 Months or Greater	0	0.00	0.00	0.0000	0
Total	35802	12,348,291,193.21	100.00	3.1952	327

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## STRATIFICATION DETAIL

### Anticipated Remaining Term

Anticipated Remaining Term Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
243 Months or Less	0	0.00	0.00	0.0000	0
244 to 249 Months	1	122,120.04	0.00	3.7500	244
250 to 255 Months	1	347,815.79	0.00	3.0000	252
256 to 261 Months	0	0.00	0.00	0.0000	0
262 to 267 Months	18	5,992,506.73	0.05	2.9165	266
268 to 273 Months	31	6,414,460.09	0.05	3.1134	268
274 to 279 Months	0	0.00	0.00	0.0000	0
280 to 285 Months	3	360,487.14	0.00	3.4454	280
286 to 291 Months	1	221,717.91	0.00	3.2500	291
292 to 297 Months	23	5,703,134.38	0.05	3.0775	292
298 to 303 Months	2	287,987.39	0.00	3.1250	301
304 to 309 Months	16	5,134,876.55	0.04	3.0678	304
310 to 315 Months	6	2,416,091.95	0.02	2.9608	314
316 to 321 Months	37	13,014,585.96	0.11	3.0737	317
322 to 327 Months	10626	3,910,203,962.01	31.67	3.1388	326
328 to 333 Months	25037	8,398,071,447.27	68.01	3.2221	328
334 to 339 Months	0	0.00	0.00	0.0000	0
340 to 345 Months	0	0.00	0.00	0.0000	0
346 to 351 Months	0	0.00	0.00	0.0000	0
352 to 357 Months	0	0.00	0.00	0.0000	0
358 to 363 Months	0	0.00	0.00	0.0000	0
364 to 369 Months	0	0.00	0.00	0.0000	0
370 to 375 Months	0	0.00	0.00	0.0000	0
376 Months or Greater	0	0.00	0.00	0.0000	0
Total	35802	12,348,291,193.21	100.00	3.1952	327

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## STRATIFICATION DETAIL

### Property Type

Property Type Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
Residential	0	0.00	0.00	0.0000	0
Single family	21365	7,099,588,208.34	57.49	3.2001	327
Multifamily	0	0.00	0.00	0.0000	0
Two family	0	0.00	0.00	0.0000	0
Three family	0	0.00	0.00	0.0000	0
Four family	0	0.00	0.00	0.0000	0
Condominium	3144	1,031,437,819.16	8.35	3.2569	327
Townhouse	0	0.00	0.00	0.0000	0
Manufactured House	200	44,638,895.56	0.36	3.4736	327
Mobile Home	0	0.00	0.00	0.0000	0
Commercial	0	0.00	0.00	0.0000	0
Retail	0	0.00	0.00	0.0000	0
Health Care	0	0.00	0.00	0.0000	0
Industrial	0	0.00	0.00	0.0000	0
Warehouse	0	0.00	0.00	0.0000	0
Mobile Home Park	0	0.00	0.00	0.0000	0
Office	0	0.00	0.00	0.0000	0
Mixed Use	0	0.00	0.00	0.0000	0
Lodging	0	0.00	0.00	0.0000	0
Self Storage	0	0.00	0.00	0.0000	0
Securities	0	0.00	0.00	0.0000	0
Church	0	0.00	0.00	0.0000	0
School	0	0.00	0.00	0.0000	0
PUD	11030	4,157,125,779.01	33.67	3.1687	327
Cooperative	63	15,500,491.14	0.13	3.1444	326
Other	0	0.00	0.00	0.0000	0
Leasehold	0	0.00	0.00	0.0000	0
Total	35802	12,348,291,193.21	100.00	3.1952	327

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## STRATIFICATION DETAIL

### Loan Purpose

Loan Purpose Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
N/A	0	0.00	0.00	0.0000	0
Purchases	33772	11,706,286,797.92	94.80	3.1992	327
Refinance	2030	642,004,395.29	5.20	3.1217	325
Cash-Out Refinance	0	0.00	0.00	0.0000	0
Construction	0	0.00	0.00	0.0000	0
Construction to Permanent	0	0.00	0.00	0.0000	0
Total	35802	12,348,291,193.21	100.00	3.1952	327

### State

State Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
N/A	0	0.00	0.00	0.0000	0
Alabama	440	118,812,021.81	0.96	3.2156	327
Alaska	83	29,424,127.68	0.24	3.0833	327
Arizona	1038	391,483,623.59	3.17	3.2613	327
Arkansas	266	66,429,653.08	0.54	3.1401	327
California	3512	1,826,282,641.01	14.79	3.1998	327
Colorado	1010	466,809,694.27	3.78	3.1587	327
Connecticut	460	136,427,516.86	1.10	3.1553	327
District of Columbia	119	61,550,606.38	0.50	3.0935	327
Delaware	162	49,473,817.88	0.40	3.2472	327
Florida	2704	889,913,220.25	7.21	3.2720	327
Georgia	1187	379,848,110.66	3.08	3.2140	327
Hawaii	84	44,274,179.09	0.36	3.2291	327
Idaho	132	50,380,143.95	0.41	3.2046	327
Illinois	1458	388,649,434.34	3.15	3.1968	327
Indiana	719	166,923,872.25	1.35	3.2813	327
Iowa	282	59,730,942.07	0.48	3.0740	327
Kansas	260	63,283,128.55	0.51	3.1784	327
Kentucky	364	84,458,350.64	0.68	3.2025	327
Louisiana	360	93,167,375.44	0.75	3.2242	327

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## STRATIFICATION DETAIL

### State

State Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
Maine	132	40,167,664.73	0.33	3.2622	327
Maryland	928	363,255,136.26	2.94	3.1561	327
Massachusetts	785	347,588,384.77	2.81	3.0976	327
Michigan	1132	261,761,488.76	2.12	3.2420	327
Minnesota	733	213,196,038.80	1.73	3.1759	327
Mississippi	129	29,909,647.96	0.24	3.2372	327
Missouri	773	183,611,208.95	1.49	3.2143	327
Montana	75	25,911,417.96	0.21	3.2227	327
Nebraska	239	57,740,207.09	0.47	3.1959	327
Nevada	369	137,863,707.74	1.12	3.3076	327
New Hampshire	181	63,118,400.49	0.51	3.2518	327
New Jersey	1041	409,744,131.59	3.32	3.1564	327
New Mexico	164	46,827,726.95	0.38	3.2642	327
New York	1653	621,446,655.68	5.03	3.1775	327
North Carolina	1090	354,345,411.46	2.87	3.1706	327
North Dakota	113	28,335,266.67	0.23	3.0513	327
Ohio	1385	302,037,818.74	2.45	3.2290	327
Oklahoma	319	71,189,342.28	0.58	3.2662	327
Oregon	541	226,504,017.29	1.83	3.2209	327
Pennsylvania	1379	360,415,883.44	2.92	3.1513	327
Rhode Island	92	30,312,551.09	0.25	3.1938	327
South Carolina	525	148,881,914.31	1.21	3.2245	327
South Dakota	81	21,710,802.35	0.18	3.1151	327
Tennessee	799	258,946,607.45	2.10	3.2014	327
Texas	3060	985,066,364.89	7.98	3.2048	327
Utah	573	248,030,629.86	2.01	3.1470	327
Vermont	24	6,797,515.09	0.06	3.1654	327
Virginia	1145	460,513,224.25	3.73	3.1123	327
Washington	1080	522,142,032.27	4.23	3.1736	327
West Virginia	107	22,357,667.23	0.18	3.2436	326
Wisconsin	459	114,855,158.13	0.93	3.1922	327

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## STRATIFICATION DETAIL

### State

State Range	Asset Count	Ending Scheduled Balance	% of Agg.Bal.	WAC	WAM
Wyoming	54	15,835,961.02	0.13	3.1887	327
Total	35802	12,348,291,193.21	100.00	3.1952	327

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## COLLATERAL PERFORMANCE - DELINQUENCY AND LOAN STATUS HISTORY

Distribution Date	Delinquent (Does not include loans in Bankruptcy, Foreclosure, or REO)												Bankruptcy Count	Bankruptcy Balance	Foreclosure Count	Foreclosure Balance	REO Count	REO Balance				
	30 Day		60 Day		90 Day		120 Day		150 Day		180+ Day											
	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance										
09/25/2024	273 0.8%	91,279,874 0.7%	79 0.2%	24,964,048 0.2%	45 0.1%	15,927,318 0.1%	25 0.1%	8,904,106 0.1%	17 0.0%	4,783,024 0.0%	54 0.2%	20,765,429 0.2%	56 0.2%	18,022,626 0.1%	13 0.0%	3,683,555 0.0%	0 0.0%	0 0.0%				
08/26/2024	297 0.8%	95,896,049 0.8%	78 0.2%	24,632,936 0.2%	39 0.1%	13,635,302 0.1%	27 0.1%	8,402,246 0.1%	23 0.1%	8,002,203 0.1%	52 0.1%	20,694,823 0.2%	48 0.1%	16,102,934 0.1%	11 0.0%	3,621,755 0.0%	0 0.0%	0 0.0%				
07/25/2024	284 0.8%	93,870,761 0.8%	75 0.2%	24,691,704 0.2%	46 0.1%	15,101,273 0.1%	21 0.1%	7,371,932 0.1%	19 0.1%	6,919,467 0.1%	52 0.1%	20,026,394 0.2%	43 0.1%	15,437,822 0.1%	9 0.0%	2,957,063 0.0%	0 0.0%	0 0.0%				
06/25/2024	218 0.6%	73,792,962 0.6%	72 0.2%	22,907,409 0.2%	33 0.1%	11,377,886 0.1%	27 0.1%	9,784,968 0.1%	16 0.0%	6,340,431 0.1%	51 0.1%	19,110,567 0.2%	41 0.1%	14,370,912 0.1%	6 0.0%	1,556,973 0.0%	1 0.0%	311,168 0.0%				
05/28/2024	229 0.6%	75,067,427 0.6%	67 0.2%	21,194,614 0.2%	33 0.1%	11,428,663 0.1%	18 0.0%	6,051,753 0.0%	19 0.1%	7,783,176 0.1%	60 0.2%	23,836,433 0.2%	37 0.1%	13,178,445 0.1%	8 0.0%	2,393,045 0.0%	1 0.0%	311,168 0.0%				
04/25/2024	258 0.7%	87,844,393 0.7%	61 0.2%	20,781,670 0.2%	27 0.1%	8,291,276 0.1%	25 0.1%	9,565,622 0.1%	25 0.1%	8,938,727 0.1%	50 0.1%	20,652,982 0.2%	31 0.1%	10,581,459 0.1%	7 0.0%	1,837,202 0.0%	1 0.0%	311,168 0.0%				
03/25/2024	274 0.7%	92,266,656 0.7%	61 0.2%	20,947,068 0.2%	26 0.1%	8,580,379 0.1%	31 0.1%	11,646,011 0.1%	22 0.1%	7,300,016 0.1%	45 0.1%	18,727,512 0.1%	25 0.1%	8,424,506 0.1%	5 0.0%	1,478,920 0.0%	1 0.0%	311,168 0.0%				
02/26/2024	252 0.7%	83,069,351 0.6%	66 0.2%	21,621,681 0.2%	34 0.1%	13,008,835 0.1%	24 0.1%	8,196,572 0.1%	12 0.0%	4,097,907 0.0%	48 0.1%	19,616,841 0.2%	25 0.1%	8,455,249 0.1%	5 0.0%	1,640,463 0.0%	1 0.0%	311,168 0.0%				
01/25/2024	302 0.8%	102,009,538 0.8%	65 0.2%	21,624,535 0.2%	23 0.1%	7,518,383 0.1%	22 0.1%	8,290,607 0.1%	23 0.1%	8,741,823 0.1%	35 0.1%	14,822,034 0.1%	26 0.1%	8,826,327 0.1%	5 0.0%	1,674,119 0.0%	1 0.0%	311,168 0.0%				
12/26/2023	231 0.6%	75,771,360 0.6%	48 0.1%	15,536,274 0.1%	29 0.1%	11,027,317 0.1%	32 0.1%	11,970,483 0.1%	15 0.0%	5,235,416 0.0%	30 0.1%	13,425,144 0.1%	19 0.1%	6,705,069 0.1%	3 0.0%	868,561 0.0%	0 0.0%	0 0.0%				
11/27/2023	205 0.6%	68,692,860 0.5%	47 0.1%	16,985,347 0.1%	36 0.1%	13,219,942 0.1%	16 0.0%	5,316,242 0.0%	18 0.0%	7,469,349 0.1%	16 0.0%	7,002,131 0.1%	17 0.0%	5,694,131 0.1%	2 0.0%	655,233 0.0%	0 0.0%	0 0.0%				
10/25/2023	206 0.6%	67,521,021 0.5%	51 0.1%	18,536,473 0.1%	26 0.1%	9,573,751 0.1%	18 0.0%	7,562,124 0.1%	12 0.0%	5,109,618 0.0%	8 0.0%	3,038,054 0.0%	15 0.0%	5,640,241 0.0%	2 0.0%	655,233 0.0%	0 0.0%	0 0.0%				

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1

September 25, 2024

## STANDARD PREPAYMENT AND DEFAULT INFORMATION

Payment Date	Wtd. Avg. Age (Months)	Current Collateral Balance	Scheduled Principal	Unscheduled Principal	Liquidation Principal	SMM	CPR	PSA	MDR	CDR	SDA
25-Sep-2024	32.37	12,348,291,193	24,184,379.88	44,102,664.82	-	0.356%	4.188%	70%	0.000%	0.000%	0%
26-Aug-2024	31.37	12,416,578,238	24,437,764.31	53,038,255.92	-	0.425%	4.986%	83%	0.000%	0.000%	0%
25-Jul-2024	30.37	12,494,054,258	22,841,815.76	51,675,530.28	311,168.47	0.412%	4.832%	81%	0.002%	0.030%	0%
25-Jun-2024	29.37	12,568,571,604	24,590,009.25	57,527,557.94	-	0.456%	5.333%	91%	0.000%	0.000%	0%
28-May-2024	28.37	12,650,689,171	24,076,083.89	42,315,983.06	-	0.333%	3.928%	69%	0.000%	0.000%	0%
25-Apr-2024	27.37	12,717,081,238	24,174,638.53	47,198,652.28	-	0.370%	4.348%	79%	0.000%	0.000%	0%
25-Mar-2024	26.37	12,788,454,529	23,575,410.94	34,954,858.64	-	0.273%	3.223%	61%	0.000%	0.000%	0%
26-Feb-2024	25.37	12,846,984,799	24,095,873.18	31,325,720.57	-	0.243%	2.880%	57%	0.000%	0.000%	0%
25-Jan-2024	24.37	12,902,406,392	24,069,898.92	26,208,181.76	-	0.203%	2.406%	49%	0.000%	0.000%	0%
26-Dec-2023	23.37	12,952,684,473	23,591,568.06	24,879,292.18	-	0.192%	2.276%	49%	0.000%	0.000%	0%
27-Nov-2023	22.37	13,001,155,333	23,845,841.95	27,174,441.69	-	0.209%	2.475%	55%	0.000%	0.000%	0%
25-Oct-2023	21.37	13,052,175,617	23,934,054.56	31,633,755.57	-	0.242%	2.863%	67%	0.000%	0.000%	0%
25-Sep-2023	20.37	13,107,743,427	23,662,594.97	34,895,092.09	-	0.266%	3.140%	77%	0.000%	0.000%	0%

SMM (Single Month Mortality) = (Beginning Balance - Ending Balance - Scheduled Principal) / (Beginning Balance - Scheduled Principal)

MDR (Monthly Default Rate) = Beginning Balance of Liquidated Asset / Total Beginning Balance

CPR (Constant Prepayment Rate) = 1 - ((1-SMM)^12)

CDR (Conditional Default Rate) = 1 - ((1-MDR)^12)

PSA (Public Securities Association) = CPR / (min(.2% \* Age, 6%))

SDA (Standard Default Assumption) = CDR / (min(.2% \* Age, 6%))

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## ADDITIONAL REPORTING

Waterfall Detail	Amount	Remaining Funds
<b>Available Distribution Amount</b>		70,217,727.63
Fees Paid to Indenture Trustee	-6,500.00	70,211,227.63
Interest Payments to Classes M-1A, M-1B, M-2A, and M-2B	-2,065,948.38	68,145,279.25
Senior Reduction Amount to Class A-H	-65,409,593.38	2,735,685.87
Subordinate Reduction Amount, Prorata to Classes M-1A and M-1AH	-2,735,685.87	0.00
Subordinate Reduction Amount, Prorata to Classes M-1B and M-1BH	0.00	0.00
Subordinate Reduction Amount, Prorata to Classes M-2A and M-2AH	0.00	0.00
Subordinate Reduction Amount, Prorata to Classes M-2B and M-2BH	0.00	0.00
Subordinate Reduction Amount, Prorata to Classes B-1 and B-1H	0.00	0.00
Subordinate Reduction Amount, Prorata to Classes B-2 and B-2H	0.00	0.00
Subordinate Reduction Amount, to Class B-3H	0.00	0.00

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## OTHER INFORMATION

### Note Information

#### 30 Day SOFR

Current Rate	5.348840%
Next Rate	5.280120%

### **Senior & Subordinate Information**

Senior Percentage	95.985510%
Subordinate Percentage	4.014490%
Senior Reduction Amount	65,409,593.38
Subordinate Reduction Amount	2,735,685.87
Supplemental Subordinate Reduction Amount	0.00

Interim Offered Reference Tranche Percentage	2.387095%
Final Offered Reference Tranche Percentage	2.387095%

**Senior Prepayment Percentage. Test Information:** All three tests must be satisfied to drop the rate to the Senior Percentage, otherwise 100%.

**Cumulative Net Loss Test. This test will be satisfied if (a) <= (b)**

<b>(a) Cumulative Net Loss Percentage</b>	
(i) Cumulative Net Loss Amount, divided by	74,418.58
(ii) Reference Obligations UPB as of Cut-off Date	13,403,351,764.29

<b>(b) Applicable Loss Limit</b>	<u>0.000555%</u>
Satisfied?	Y

**Minimum Credit Enhancement Test. This test will be satisfied if:**

Current Subordinate Percentage => 4.00%	<u>4.014490%</u>
Satisfied?	Y

**Delinquency Test. This test will be satisfied if (a) < (b)**

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## OTHER INFORMATION

(a) Six Month Rolling Average Distressed Principal Balance	99,329,250.06
<b>(b) 50% of the amount by which (i) exceeds (ii)</b>	
(i) The product of the Subordinate Percentage and the aggregate UPB of the Reference Obligations as of the preceding Payment Date	498,517,337.19
(ii) the Principal Loss Amount for the current Payment Date	<u>3,677.11</u>
	<u>249,258,663.05</u>
Satisfied?	Y

### **Reference Pool Information**

Overcollateralization Amount	0.00
Beginning Loan Count	<u>35,937</u>
- Paid in Full	134
- Credit Events	0
- Reference Pool Removals	1
+ Pool Reactivations	0
Ending Loan Count	<u>35,802</u>

### **Origination Rep and Warranty Settlement**

#### **Reference Obligations No Longer Subject to Freddie Mac QC Process**

Count	0
Balance	0.00
Settlement Amount	0.00
Loan Allocation Amount	0.00

### **Underwriting Defect Settlements**

Count	0
Balance	0.00

### **Risk Retention Greater Than or Equal to 5%**

### **Cumulative Amounts**

Scheduled Principal	406,284,255.36
Unscheduled Principal	647,210,366.23
Calculated Recovery Principal	0.00
Current Balance of Loans Modified in the Last 12 Months	15,123,007.44

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## OTHER INFORMATION

### Cumulative Defects on Credit Events

Total Credit Events: Count	1
Amount of UPB	51,491.75
Defects Resulting in Credit Event Reversal (Underwriting & Major Servicing): Count	0
Amount of UPB	0.00
Unconfirmed Underwriting Defects Rescinded & Minor Servicing Defects: Count	0
Amount of UPB	0.00
Unconfirmed Underwriting Defects Outstanding: Count	0
Amount of UPB	0.00
Total Identified Defects: Count	0
<b>Amount of UPB</b>	<b>0.00</b>

### Account & Payment Reconciliation

#### Withdrawals from Investment Account

Realized Return	1,272,222.91
Principal Required for Offered Note Paydown	2,592,128.52
Offered Note Write-Downs	<u>0.00</u>
Total:	<u>3,864,351.43</u>

### Amounts Due from Freddie

Offered Note Accrued Interest: Attributed to SOFR	1,254,408.81
Offered Note Accrued Interest: Attributed to Spread	811,539.57
Realized Return	<u>-1,272,222.91</u>
To Trust: To Fund Interest Due on Offered Notes	793,725.47
To Indenture Trustee: Monthly Fees	<u>6,500.00</u>
Total:	<u>800,225.47</u>

### Amounts Due to Freddie

Offered Note Write-Downs Due to Credit Events (principal)	0.00
Offered Note Write-Downs Due to Modification Events (principal)	0.00
Offered Note Allocated Modification Costs (interest)	<u>0.00</u>
Total:	<u>0.00</u>

### Net Amounts Due from Freddie:

#### Enhanced Relief Refinance Reference Obligations

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## OTHER INFORMATION

Total ERR Obligations: Count	0
Amount of UPB	0.00
<b>Offered Note accrued interest - attributed to Spread Good REIT Income</b>	
Amount non-Good REIT Income	0.00

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## REALIZED LOSS AND CREDIT EVENT SUMMARY

		Current					
Realized Loss		Current			Reversed		Net
		Count	Balance	Count	Balance	Count	Balance
Default UPB	0.00						
- Net Sales Proceeds	0.00						
+ Delinquent Accrued Interest	0.00						
+ Taxes and Insurance	0.00						
+ Legal Costs	0.00						
+ Maintenance, Preservation, and Repair Costs	11.08						
- MI Credit	0.00						
+ Miscellaneous Expenses	0.00						
- Miscellaneous Credits	0.00						
+ Modification Costs	3,666.03						
+ Bankruptcy Cramdown Costs	0.00						
<b>Actual Loss</b>	<b>3,677.11</b>						
Cumulative							
Default UPB	311,168.47						
- Net Sales Proceeds	304,564.08						
+ Delinquent Accrued Interest	12,738.46						
+ Taxes and Insurance	12,206.81						
+ Legal Costs	3,416.06						
+ Maintenance, Preservation, and Repair Costs	14,817.80						
- MI Credit	0.00						
+ Miscellaneous Expenses	3,241.56						
- Miscellaneous Credits	0.00						
+ Modification Costs	21,393.50						
+ Bankruptcy Cramdown Costs	0.00						
<b>Actual Loss</b>	<b>74,418.58</b>						

# Structured Agency Credit Risk (STACR) Debt Notes

Series 2023-HQA1



September 25, 2024

## NOTES

No Notes available for this deal at this time.