Residential Housing Finance Bond Resolution

Quarterly Disclosure Report
Information as of December 31, 2022
Published February 15, 2022

TRUSTEE:

Computershare Trust Company, National Association
600 South 4th Street, N9300-070
Minneapolis, MN 55415
Contact: Mai Nguyen, Vice President
(612) 667-8484
FAX: (612) 478-5381
E-Mail: Mai.xuan.nguyen@wellsfargo.com
or mai.nguyen@computershare.com

AGENCY:

Minnesota Housing Finance Agency
400 Wabasha Street North-Suite 400
St. Paul, MN 55102
Contact : Debbi Larson, Finance Director
(651) 296-8183
(651) 297-2361 TDD
FAX: (651)296-8139
E-Mail: Debbi.Larson@state.mn.us

This Disclosure Report provides additional information not required by any undertaking entered into by Minnesota Housing pursuant to Securities and Exchange Commission Rule 15c2-12. Minnesota Housing will separately file annual reports as required in the undertakings which it has entered into under Rule 15c2-12.

Equal Opportunity Housing and Equal Opportunity Employment
This publication is available upon request in alternative formats.

TABLE OF CONTENTS

Residential Housing Finance Bonds
Disclaimer

All information contained herein has been furnished or obtained by the Minnesota Housing Finance Agency (the “Agency” or “Minnesota Housing”) from sources believed to be accurate and reliable. The information contained in this Disclosure Report speaks only as of December 31, 2022 (except as expressly stated otherwise), is subject to change without notice and delivery of this information shall not, under any circumstances, create any implication that there has been no change in the affairs of the Agency since December 31, 2022. In particular, information provided herein relating to redemption provisions and call priorities is only a partial summary of the complete terms contained in the Official Statement or Private Placement Memorandum and operative documents for each series of Bonds. Reference should be made to the Official Statement or Private Placement Memorandum and the operative documents for each series of Bonds for a complete statement of the terms of such series. Under no circumstances shall the Agency have any liability to any person or entity for (1) any loss or damage in whole or part caused by, resulting from or relating to any error (occasioned by neglect or otherwise) or other circumstances involved in procuring, collecting, compiling, interpreting, analyzing, editing, transcribing, communicating or delivering any such information, or (2) any direct, indirect, special, consequential or incidental damages whatsoever, even if the Agency is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, any such information.

THIS IS NOT AN OFFERING DOCUMENT.

The following information relates to bond issues of Minnesota Housing issued under the Residential Housing Finance Bond Resolution that have been sold and distributed in underwritten public offerings described in the related Official Statements or in private placements described in the related Private Placement Memoranda. Each viewer of the following information acknowledges that (i) Minnesota Housing is not now by this document offering any bonds or other securities nor soliciting an offer to buy any securities, (ii) this information is not to be construed as a description of Minnesota Housing or its programs in conjunction with any offering of bonds or securities of Minnesota Housing – such offerings are made only pursuant to the appropriate offering documents of Minnesota Housing – nor shall anyone assume from the availability of the following information that the affairs of Minnesota Housing (or its programs) have not changed since the date of this information, (iii) no representation is made as to the propriety or legality of any secondary market trading of the bonds or other securities of Minnesota Housing by anyone in any jurisdiction, and (iv) Minnesota Housing does not hereby obligate itself in any manner to update this information periodically or otherwise.

Residential Housing Finance Bond Resolution
Overview
Information as of December 31, 2022

The Residential Housing Finance Bond Resolution was adopted on August 24, 1995 by the amendment and restatement of the State Assisted Home Improvement Bond Resolution and has since been amended and supplemented from time to time. Pursuant to the Bond Resolution, the Agency issues its Residential Housing Finance Bonds and has established bond funds relating to the Bonds. The Agency also established under the Bond Resolution, the Endowment Fund (including the three subfunds therein entitled the Home Improvement Endowment Fund, the Homeownership Endowment Fund and the Multifamily Housing Endowment Fund) and the Alternative Loan Fund. Pursuant to an amendment to the Bond Resolution, the Endowment Fund (and its three subfunds) was closed effective July 1, 2007, and all funds and assets therein were transferred to the Alternative Loan Fund.

The Alternative Loan Fund is not pledged to the payment of the Residential Housing Finance Bonds. Rather, any funds that may be on deposit therein are generally available to pay any debt obligations of the Agency. This disclosure report includes information only about the Residential Housing Finance Bonds. It does not include information about the Alternative Loan Fund.

For further information please refer to the audited financial statements of the Agency for the fiscal year ended June 30, 2022. You can retrieve a copy from Minnesota Housing's website at www.mnhousing.gov or contact the Agency to request a copy.

The Agency originally purchased "whole loans" (i.e., the Agency directly purchased single family mortgage loans from lenders) and financed such purchases with proceeds of Bonds. In 2009, the Agency changed its program to acquire mortgage-backed securities guaranteed as to timely payment of principal and interest by GNMA, Fannie Mae or Freddie Mac (as defined in the Bond Resolution, "Program Securities") instead of acquiring mortgage loans. The Agency has entered into a Servicing Agreement, dated as of October 15, 2013, with U.S. Bank, National Association as servicer (the Servicer), for an indefinite term (subject to termination rights). Pursuant to the servicing agreement, the Servicer is to acquire single family mortgage loans meeting Program requirements and pool such loans into Program Securities to be purchased by the Trustee on behalf of the Agency.

In 2009 the Agency adopted another bond resolution (the Homeownership Finance Bond Resolution) under which the Agency financed single family mortgage loans through the acquisition of mortgage-backed securities, initially under the New Issue Bond Program offered by the United States Department of the Treasury, Fannie Mae and Freddie Mac. As of July 1, 2021, all bonds issued under that program have been redeemed. Since 2012 the Agency has issued bonds under both the Bond Resolution and the Homeownership Finance Bond Resolution.

The global outbreak of COVID-19, a respiratory disease declared in March 2020 to be a pandemic (the "Pandemic") by the World Health Organization, was declared an emergency by federal and state governments. Since the start of the Pandemic, Presidential administrations, Congress, the Federal Reserve, HUD/FHA (including GNMA), the Federal Housing Finance Agency (including Fannie Mae and Freddie Mac), USDA Rural Development, the VA, the Centers for Disease Control, and the Consumer Financial Protection Bureau, along with the State, have enacted legislation and/or issued orders or directives (collectively, "Governmental Actions") to alleviate the effects of COVID-19 on homeowners, renters, landlords, servicers and lenders. Governmental Actions have included loan forbearance directives, moratoriums on foreclosures and/or evictions, loan modification directives, loan servicing assistance, rental assistance, and homeownership loan assistance. Such legislation and/or orders have been extended and/or modified, and others have expired or been enjoined. See page G-3 for forbearance information for whole loan mortgages pledged as security under the Bond Resolution.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of December 31, 2022

MINNESOTA HOUSING

MORTGAGE LOANS BY AMOUNT

Funding Source	Loans Purchased	Less Scheduled Payments	Less Prepayments and Curtailments	Less Loans Transferred to REO, FHA/VA Assigned, PMI Claims	Loans Outstanding	Weighted Average Mortgage Rate (based on Loans Outstanding)
Retired	$ 1,553,772,752	$ 236,616,924	$ 893,630,676	$ 421,771,938	$ 1,753,214	4.30 %
07M	51,601,162	2,032,705	32,943,294	12,882,657	3,742,506	4.87
07M-40 Year	13,786,495	859,842	5,669,108	5,547,027	1,710,518	4.26
12ABCD	96,047,766	19,010,027	52,862,170	8,766,660	15,408,909	5.48
13ABC	42,482,583	9,648,518	21,503,474	3,602,668	7,727,923	4.92
14A	15,938,679	4,907,814	8,137,012	181,873	2,711,980	5.97
14B	15,978,942	5,907,902	6,233,274	357,869	3,479,897	5.60
14CDE	147,424,535	22,234,808	80,660,861	8,461,792	36,067,074	4.87
15ABCD	52,474,015	5,833,143	31,855,914	3,966,358	10,818,600	4.88
15ABCD-40 Year	3,064,439	153,667	1,617,523	356,538	936,711	4.89
15EFG	80,106,833	10,545,496	43,701,657	4,332,943	21,526,737	5.20
15EFG-40 year	15,680,365	851,996	9,072,229	1,863,967	3,892,173	4.64
16ABC	59,751,015	5,758,182	35,538,499	4,400,340	14,053,994	5.16
16ABC-40 Year	22,027,528	1,251,475	13,841,833	1,692,642	5,241,578	4.30
16DEF	27,242,103	3,823,768	15,221,157	1,232,340	6,964,838	5.11
16DEF-40 Year	8,084,772	457,206	4,670,156	409,518	2,547,892	4.26
17ABC	45,579,077	4,482,942	23,448,117	1,748,281	15,899,737	5.22
17ABC-40 Year	12,928,653	702,245	6,690,805	478,396	5,057,207	5.08
17DEF	20,736,955	2,014,706	10,152,742	891,593	7,677,914	5.13
17DEF-40 Year	5,841,813	370,824	2,768,596	-	2,702,393	5.20
18ABCD	19,253,174	3,372,543	7,271,305	98,016	8,511,310	4.90
19ABCD	31,227,433	3,901,711	10,302,086	479,737	16,543,899	5.27
Total	$ 2,341,031,089	$ 344,738,444	$ 1,317,792,488	$ 483,523,153	$ 194,977,004	5.0615 %

Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of December 31, 2022

MORTGAGE LOANS BY NUMBER

Funding Source	Number of Loans Purchased	Number of Loans Paid Off	Less Number of Loans Transferred to REO,FHA/VA Assigned, PMI Claims	Number of Loans Outstanding
Retired	14,161.7	10,581.4	3,541.3	39.0
07M	435.3	280.6	103.4	51.3
07M-40 Year	87.6	40.6	34.8	12.2
12ABCD	1,411.0	885.0	128.5	397.5
13ABC	641.0	395.5	52.5	193.0
14A	381.0	244.0	4.0	133.0
14B	419.0	290.0	7.0	122.0
14CDE	1,554.0	927.0	91.0	536.0
15ABCD	538.0	347.5	43.5	147.0
15ABCD-40 Year	20.0	12.0	2.0	6.0
15EFG	886.0	517.0	46.5	322.5
15EFG-40 year	105.0	64.0	13.0	28.0
16ABC	567.0	341.0	42.0	184.0
16ABC-40 Year	151.0	99.0	11.0	41.0
16DEF	392.3	234.6	16.0	141.7
16DEF-40 Year	55.6	34.8	3.0	17.8
17ABC	518.0	268.0	19.0	231.0
17ABC-40 Yr	102.0	52.0	4.0	46.0
17DEF	226.0	114.0	10.0	102.0
17DEF-40 Yr	48.0	24.0	-	24.0
18ABCD	307.5	126.0	2.0	179.5
19ABCD	556.0	196.5	6.0	353.5
Total	23,563.0	16,074.5	4,180.5	3,308.0

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of December 31, 2022

DPL MORTGAGE LOANS* BY AMOUNT

Funding Source	Loans Purchased	Less Payments and Curta	Less Loans Written off	Loans Outstanding
21AB	$ 5,952,445	$ (224,850)	$ (12,200)	$ 5,715,395
21CD	$ 7,143,066	$ (86,000)	$ -	$ 7,057,066
21EF	$ 7,139,234	$ (59,500)	$ (11,000)	$ 7,068,734
Total	$ 20,234,745	$ (370,350)	$ (23,200)	$ 19,841,195

*DPL mortgage loans are second lien down payment assistance loans that have a 0% interest rate and are payable when the associated first mortgage loan matures or is prepaid.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of December 31, 2022

MINNESOTA HOUSING

DPL MORTGAGE LOANS* BY NUMBER

Funding Source	Number of Loans Purchased	Number of Loans Paid Off	Less Number of Loans Writen off	Number of Loans Outstanding
21AB	595	(22)	(1)	572
21CD	606	(7)	-	599
21EF	619	(6)	(1)	612
Total	1,820	(35)	(2)	1,783

*DPL mortgage loans are second lien down payment assistance loans that have a 0% interest rate and are payable when the associated first mortgage loan matures or is prepaid.

Residential Housing Finance Bond Resolution
Bonds, Loans, and Mortgage-Backed Securities Outstanding; Remaining Acquisition Fund
Information as of December 31, 2022

Series	Bonds Outstanding	Mortgages Outstanding	Mortgage-Backed Securities Outstanding	Remaining Acquisition Fund Balance	Outstanding Commitments	Uncommitted Lendable Funds	Weighted Average Rate for Mortgages or Mortgage-Backed Securities (based on $ Amount Outstanding)*	
Retired	$ -	$1,753,214	$ -	$ -	$ -	$ -	4.30 %	
07M	8,905,000	5,453,024	-	-	-	-	4.68	
12ABCD	-	15,408,909	11,132,406	-	-	-	5.48	(12ABCD mortgages)
							3.52	(12ABCD mortgage-backed securities)
13ABC	16,170,000	7,727,923	10,134,955	-	-	-	4.92	(13ABC mortgages)
							2.63	(13ABC mortgage-backed securities)
14A	2,025,000	2,711,980	10,439,951	-	-	-	5.97	(14A mortgages)
							3.21	(14A mortgage-backed securities)
14B	3,085,000	3,479,897	9,159,572	-	-	-	5.60	(14B mortgages)
							3.34	(14B mortgage-backed securities)
14CDE	45,600,000	36,067,074	15,951,301	-	-	-	4.88	(14CDE mortgages)
							3.51	(14CDE mortgage-backed securities)
15ABCD	19,565,000	11,755,311	14,921,958	-	-	-	4.88	(15ABCD mortgages)
							3.27	(15ABCD mortgage-backed securities)
15EFG	41,305,000	25,418,910	17,383,414	-	-	-	5.12	(15EFG mortgages)
							3.54	(15EFG mortgage-backed securities)
16ABC	30,765,000	19,295,572	21,346,359	-	-	-	4.89	(16ABC mortgages)
							3.42	(16ABC mortgage-backed securities)
16DEF	45,770,000	9,512,730	34,946,211	-	-	-	4.88	(16DEF mortgages)
							3.08	(16DEF mortgage-backed securities)
17ABC	45,265,000	20,956,944	21,115,406	-	-	-	5.19	(17ABC mortgages)
							3.70	(17ABC mortgage-backed securities)
17DEF	58,355,000	10,380,307	42,081,912	-	-	-	5.15	(17DEF mortgages)
							3.56	(17DEF mortgage-backed securities)
18ABCD	42,760,000	8,511,310	41,756,109	-	-	-	4.90	(18ABCD mortgages)
							4.02	(18ABCD mortgage-backed securities)
18EFGH	57,285,000		56,505,964	-	-	-	4.32	
19ABCD	72,860,000	16,543,899	54,367,225	-	-	-	5.27	(19ABCD mortgages)
							4.52	(19ABCD mortgage-backed securities)
19EFGH	97,255,000		94,998,214	-	-	-	3.52	
20ABC	143,935,000		135,703,383	-	-	-	3.15	
20DE	109,815,000		105,370,117	-	-	-	3.20	
20FG	102,460,000		99,677,123	-	-	-	3.06	
20HI	109,165,000		106,882,999	-	-	-	2.89	
21AB	114,975,000	5,715,395	106,548,211	-	-	-	2.66	
21CD	162,555,000	7,057,066	156,279,080	-	-	-	2.92	
21EF	143,360,000	7,068,734	134,007,348	-	-	-	2.76	
21GHI	171,690,000		169,001,199	-	-	-	2.77	
22AB	98,880,000		97,266,455	-	-	-	3.02	
22CD	148,110,000		146,244,235	-	-	-	2.89	
22EF	149,380,000		148,920,788	-	-	-	4.77	
22GH	150,000,000		149,550,254	-	-	-	5.28	
22IJK	99,990,000		99,917,098	-	-	-	5.58	
22LMN	150,000,000		32,098,749	121,029,852			6.11	
	$ 2,441,285,000	$214,818,199	$2,143,707,996	$ 121,029,852	$ -	$ -	3.65 %	

* Mortgage loans associated with Series 21AB and later Series are DPL mortgage loans that have a 0% interest rate and are not included in the weighted average.

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2012 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AA0402	GNMA II	3.625 %	$	2,815,431	$	278,510
AO1087	FNMA	3.275		118,225		39,099
AO2408	FNMA	3.275		302,503		-
AO2409	FNMA	3.275		110,037		-
AO3786	FNMA	3.275		460,486		111,054
AO5861	FNMA	3.275		73,491		56,203
AO5869	FNMA	3.275		155,770		-
AO0387	FNMA	3.400		215,938		-
AO1088	FNMA	3.400		102,252		-
AO2413	FNMA	3.650		97,465		-
AO2414	FNMA	3.650		218,860		168,509
AO3787	FNMA	3.650		230,530		62,882
AO5862	FNMA	3.650		226,837		-
AO1089	FNMA	3.775		306,942		149,329
AO1090	FNMA	3.775		102,861		-
AO1099	FNMA	3.775		103,790		-
AO3779	FNMA	3.775		88,880		61,720
Subtotal				5,730,298		927,305

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (50.0031% of the principal payments and 100% of the interest payments paid to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
799858	GNMA II	3.250 %	$ 55,750	$ -
AA0282	GNMA II	3.375	88,231	67,288
AA0342	GNMA II	3.375	177,369	-
AA0401	GNMA II	3.375	88,982	67,353
793301	GNMA II	3.750	2,811,748	522,637
799957	GNMA II	3.750	2,722,740	476,854
799958	GNMA II	3.875	169,926	-
AO3773	FNMA	3.650	51,642	40,400
AO5870	FNMA	3.650	180,482	71,523
AB1497	GNMA II	3.000	212,877	112,003
AB1556	GNMA II	3.000	214,752	163,775
AB1724	GNMA II	3.000	413,923	-
AB1919	GNMA II	3.000	488,124	160,475
AB1725	GNMA II	3.125	304,729	83,019
AB1880	GNMA II	3.125	248,035	-
AB1904	GNMA II	3.125	84,033	-
AB1920	GNMA II	3.125	320,009	-

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (50.0031% of the principal payments and 100% of the interest payments paid to 12ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1921	GNMA II	3.250 %	$ 445,324	$ -
AB1446	GNMA II	3.375	278,876	86,357
AB1618	GNMA II	3.500	421,599	-
AB1883	GNMA II	3.500	234,985	102,053
AB1923	GNMA II	3.500	385,053	-
AB1503	GNMA II	3.625	308,974	-
AB1561	GNMA II	3.625	258,242	79,752
AB1619	GNMA II	3.625	136,854	-
AB1646	GNMA II	3.625	378,903	-
AB1729	GNMA II	3.625	397,359	-
AB1767	GNMA II	3.625	158,319	-
AB1908	GNMA II	3.625	407,184	-
AB1924	GNMA II	3.625	62,523	-
AB2030	GNMA II	3.625	185,414	-
Subtotal			12,692,962	2,033,488
MBS Participation Interest (50.0031%)			6,346,874	1,016,807

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (50.0019% of the principal payments and none of the interest payments paid to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1464	GNMA II	3.125 %	$ 1,493,291	$ 153,417
AA0469	GNMA II	3.625	1,650,089	454,232
799861	GNMA II	3.750	1,863,656	209,185
AC8104	GNMA II	2.875	4,097,610	1,183,423
AB2093	GNMA II	3.125	271,185	-
AC7756	GNMA II	3.125	637,851	101,556
Subtotal			10,013,682	2,101,813
MBS Participation Interest (50.0019%)			5,007,031	1,050,946

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (65.556%of the principal payments and none of the interest payments paid to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AB1463	GNMA II	3.000	%	$	49,221	$	-
799886	GNMA II	3.250			495,166		-
799954	GNMA II	3.250			931,842		285,805
AA0003	GNMA II	3.250			202,922		66,309
AA0074	GNMA II	3.250			1,667,721		136,874
AA0341	GNMA II	3.250			1,943,418		415,860
AA0400	GNMA II	3.250			1,699,366		303,552
AA0467	GNMA II	3.250			1,166,842		209,892
AB1465	GNMA II	3.250			492,658		153,538
793298	GNMA II	3.375			1,284,543		376,023
799859	GNMA II	3.375			1,311,886		219,500
799887	GNMA II	3.375			930,061		149,546
AA0004	GNMA II	3.375			790,402		253,585
AA0075	GNMA II	3.375			591,125		111,086
AA0508	GNMA II	3.375			106,710		-
AB1500	GNMA II	3.375			96,759		-
799860	GNMA II	3.625			500,928		-
799888	GNMA II	3.625			709,598		121,318
799956	GNMA II	3.625			981,586		-
AA0005	GNMA II	3.625			1,000,098		435,300
AA0283	GNMA II	3.625			2,151,221		216,334
AA0343	GNMA II	3.625			2,509,161		685,024
799889	GNMA II	3.750			1,010,556		131,766
AA0014	GNMA II	3.750			886,095		182,613
AA0403	GNMA II	3.750			281,417		-

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (65.556%of the principal payments and none of the interest payments paid to 12ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR0865	FNMA	2.525 %	$ 47,821	$ -
AR2963	FNMA	2.525	98,798	56,322
AR5611	FNMA	2.525	94,711	72,847
AR5614	FNMA	2.525	925,382	456,587
AR5616	FNMA	2.525	1,159,097	94,830
AR5617	FNMA	2.525	1,331,635	266,986
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	74,633
AR8764	FNMA	2.525	267,323	60,357
AR8770	FNMA	2.525	84,793	-
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	47,674
AT1917	FNMA	2.525	109,673	84,350
AT1921	FNMA	2.525	186,999	114,800
AT4624	FNMA	2.525	2,331,268	725,866
AT4628	FNMA	2.525	655,444	179,311
AT4633	FNMA	2.525	641,811	210,121
AT4742	FNMA	2.525	248,978	130,282
AT6228	FNMA	2.525	59,752	46,329
AQ9144	FNMA	2.530	80,418	19,495
AR5615	FNMA	2.650	134,553	-
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	64,369

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (65.556%of the principal payments and none of the interest payments paid to 12ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT6229	FNMA	2.650 %	$ 293,053	$ 215,792
AR8778	FNMA	2.775	75,520	58,878
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	75,529
AT4758	FNMA	2.775	214,584	-
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	-
AR8771	FNMA	2.900	226,641	-
AR8776	FNMA	2.900	99,476	76,410
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	50,184
AT1908	FNMA	2.900	83,511	-
AT1924	FNMA	2.900	170,815	129,569
AT4743	FNMA	2.900	178,897	141,136
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	-
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	-

MINNESOTA HOUSING

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (65.556%of the principal payments and none of the interest payments paid to 12ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR5597	FNMA	3.025 %	$ 86,505	$ -
AR1324	FNMA	3.030	74,217	58,912
AR8766	FNMA	3.275	90,618	-
Subtotal			36,291,598	7,965,496
MBS Participation Interest (65.556%)			23,791,320	5,221,861

MINNESOTA HOUSING

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(50.0021% of the principal payments and 100% of the interest payments paid to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
775568	GNMA II	4.750 %	$ 465,141	$ 431,539
775599	GNMA II	3.375	59,693	56,139
775660	GNMA II	3.375	304,993	214,018
775708	GNMA II	3.375	202,575	28,865
775724	GNMA II	3.375	111,583	104,609
792369	GNMA II	3.375	246,235	185,254
792402	GNMA II	3.375	67,443	-
792474	GNMA II	3.375	94,438	88,144
775569	GNMA II	3.500	120,030	-
775592	GNMA II	3.500	46,188	-
775709	GNMA II	3.500	71,370	67,465
792370	GNMA II	3.500	109,439	101,799
792403	GNMA II	3.500	105,310	99,963
775472	GNMA II	3.750	90,854	86,207
775570	GNMA II	3.750	94,979	89,189
775593	GNMA II	3.750	192,807	180,453
775600	GNMA II	3.750	130,250	123,812
775662	GNMA II	3.750	284,909	266,919
775710	GNMA II	3.750	139,501	93,171
775726	GNMA II	3.750	266,678	206,078
792335	GNMA II	3.750	203,114	124,600
792371	GNMA II	3.750	119,205	50,997
775571	GNMA II	3.875	98,967	93,727
775594	GNMA II	3.875	291,512	171,965
775663	GNMA II	3.875	155,347	145,434

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
50.0021% of the principal payments and 100% of the interest payments paid to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
792372	GNMA II	3.875 %	$ 56,075	$ 53,348
775664	GNMA II	4.000	93,755	88,887
775676	GNMA II	4.125	125,571	119,459
774854	GNMA II	4.250	148,649	61,924
775714	GNMA II	4.250	102,939	97,817
775513	GNMA II	4.500	64,746	61,540
Subtotal			4,664,301	3,493,323
MBS Participation Interest (50.0021%)			2,332,248	1,746,735

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities (50.0021% of the principal payments and 100% of the interest payments paid to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AA0076	GNMA II	3.625 %	$	515,406	$	302,630
AA0077	GNMA II	3.750		119,318		113,585
AA0104	GNMA II	3.250		65,447		62,098
AA0105	GNMA II	3.625		233,891		93,910
AA0106	GNMA II	3.750		216,736		153,206
AA0163	GNMA II	3.250		395,986		250,870
AA0164	GNMA II	3.375		266,408		223,590
AA0165	GNMA II	3.625		499,762		377,940
AA0166	GNMA II	3.750		201,780		98,428
AA0199	GNMA II	3.625		524,386		385,159
AA0200	GNMA II	3.750		60,257		-
AA0281	GNMA II	3.250		447,796		275,989
AB1466	GNMA II	3.375		217,301		-
Subtotal				3,764,473		2,337,405
MBS Participation Interest (50.0021%)				1,882,316		1,168,752
2012 ABCD Total			$	47,422,140	$	11,132,406

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2013 ABC

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AC7842	GNMA II	2.500 %	$	72,845	$	-
AC8149	GNMA II	2.500		84,823		60,537
AC8185	GNMA II	2.500		351,176		84,488
AC8306	GNMA II	2.500		1,234,130		321,021
AC8346	GNMA II	2.500		1,377,119		300,727
AC8371	GNMA II	2.500		536,055		242,541
AC8375	GNMA II	2.500		409,690		189,026
AD7480	GNMA II	2.500		490,678		120,528
AT4629	FNMA	2.650		788,890		-
AT7528	FNMA	2.650		1,633,992		439,194
AR5612	FNMA	2.775		86,370		-
AR5621	FNMA	2.775		168,901		-
AT4626	FNMA	2.775		285,628		85,574
AT7529	FNMA	2.775		343,062		-
AT4627	FNMA	2.900		149,529		-
AT4631	FNMA	2.900		169,550		-
AR0869	FNMA	3.150		75,992		59,054
AR2964	FNMA	3.150		129,684		-
AR5596	FNMA	3.150		59,464		-
AT1046	FNMA	3.275		134,213		84,288
AR8780	FNMA	3.400		74,302		58,362
AQ6038	FNMA	3.650		98,340		-
Subtotal				8,754,430		2,045,339

MINNESOTA HOUSING

2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (34.444% of the principal payments and 100% of the interest payments paid to 13ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1463	GNMA II	3.000 %	$ 49,221	$ -
799886	GNMA II	3.250	495,166	-
799954	GNMA II	3.250	931,842	285,805
AA0003	GNMA II	3.250	202,922	66,309
AA0074	GNMA II	3.250	1,667,721	136,874
AA0341	GNMA II	3.250	1,943,418	415,860
AA0400	GNMA II	3.250	1,699,366	303,552
AA0467	GNMA II	3.250	1,166,842	209,892
AB1465	GNMA II	3.250	492,658	153,538
793298	GNMA II	3.375	1,284,543	376,023
799859	GNMA II	3.375	1,311,886	219,500
799887	GNMA II	3.375	930,061	149,546
AA0004	GNMA II	3.375	790,402	253,585
AA0075	GNMA II	3.375	591,125	111,086
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	-
799888	GNMA II	3.625	709,598	121,318
799956	GNMA II	3.625	981,586	-
AA0005	GNMA II	3.625	1,000,098	435,300
AA0283	GNMA II	3.625	2,151,221	216,334
AA0343	GNMA II	3.625	2,509,161	685,024
799889	GNMA II	3.750	1,010,556	131,766
AA0014	GNMA II	3.750	886,095	182,613
AA0403	GNMA II	3.750	281,417	-

MINNESOTA HOUSING

2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (34.444% of the principal payments and 100% of the interest payments paid to 13ABC), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR0865	FNMA	2.525 %	$ 47,821	$ -
AR2963	FNMA	2.525	98,798	56,322
AR5611	FNMA	2.525	94,711	72,847
AR5614	FNMA	2.525	925,382	456,587
AR5616	FNMA	2.525	1,159,097	94,830
AR5617	FNMA	2.525	1,331,635	266,986
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	74,633
AR8764	FNMA	2.525	267,323	60,357
AR8770	FNMA	2.525	84,793	-
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	47,674
AT1917	FNMA	2.525	109,673	84,350
AT1921	FNMA	2.525	186,999	114,800
AT4624	FNMA	2.525	2,331,268	725,866
AT4628	FNMA	2.525	655,444	179,311
AT4633	FNMA	2.525	641,811	210,121
AT4742	FNMA	2.525	248,978	130,282
AT6228	FNMA	2.525	59,752	46,329
AQ9144	FNMA	2.530	80,418	19,495
AR5615	FNMA	2.650	134,553	-
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	64,369

MINNESOTA HOUSING

2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (34.444% of the principal payments and 100% of the interest payments paid to 13ABC), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT6229	FNMA	2.650 %	$ 293,053	$ 215,792
AR8778	FNMA	2.775	75,520	58,878
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	75,529
AT4758	FNMA	2.775	214,584	-
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	-
AR8771	FNMA	2.900	226,641	-
AR8776	FNMA	2.900	99,476	76,410
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	50,184
AT1908	FNMA	2.900	83,511	-
AT1924	FNMA	2.900	170,815	129,569
AT4743	FNMA	2.900	178,897	141,136
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	-
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	-
AR5597	FNMA	3.025	86,505	-
AR1324	FNMA	3.030	74,217	58,912
AR8766	FNMA	3.275	90,618	-
Subtotal			36,291,598	7,965,496
MBS Participation Interest (34.444%)			12,500,278	2,743,635

2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (49.9991% of the principal payments and none of the interest payments paid to 13ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8396	GNMA II	2.500 %	$ 1,509,787	$ 362,204
AC8401	GNMA II	2.500	48,506	-
AC8517	GNMA II	2.500	705,460	365,512
AC8521	GNMA II	2.500	281,308	91,222
AD7201	GNMA II	2.500	1,146,241	235,803
AD7306	GNMA II	2.500	528,762	259,936
AD7309	GNMA II	2.500	110,433	-
AD7322	GNMA II	2.500	884,732	391,416
AD7328	GNMA II	2.500	94,607	-
AD7411	GNMA II	2.500	1,324,919	296,954
AD7520	GNMA II	2.500	144,206	-
AD7323	GNMA II	2.625	152,254	-
AD7412	GNMA II	2.625	487,240	155,410
AD7481	GNMA II	2.625	1,315,697	165,130
AD7521	GNMA II	2.625	973,807	274,540
AD7525	GNMA II	2.625	199,960	147,972
AD7549	GNMA II	2.625	1,253,675	333,188
AC8103	GNMA II	2.750	54,282	41,824
AC8347	GNMA II	2.750	465,500	143,302
AC8397	GNMA II	2.750	533,047	-
AC7907	GNMA II	2.875	333,360	-
AC8150	GNMA II	2.875	261,715	202,325
AB2123	GNMA II	3.125	45,546	-
AE9846	GNMA II	2.750	1,378,784	110,224

MINNESOTA HOUSING

2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (49.9991% of the principal payments and none of the interest payments paid to 13ABC), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8233	GNMA II	2.875 %	$ 301,279	$ 117,877
AC8307	GNMA II	2.875	1,846,536	403,491
AC8402	GNMA II	2.875	173,194	-
AC8519	GNMA II	2.875	810,878	162,915
AD7203	GNMA II	2.875	782,422	239,581
AD7206	GNMA II	2.875	164,941	50,539
AD7308	GNMA II	2.875	624,792	186,329
AD7325	GNMA II	2.875	740,110	223,796
AD7330	GNMA II	2.875	171,991	133,035
AD7414	GNMA II	2.875	1,175,447	222,277
AD7483	GNMA II	2.875	1,515,476	711,551
AD7523	GNMA II	2.875	1,693,438	479,419
AB2189	GNMA II	3.000	309,432	80,842
AC8308	GNMA II	3.000	123,199	-
AD7204	GNMA II	3.000	129,612	100,362
AD7331	GNMA II	3.000	107,285	82,952
AC8232	GNMA II	3.125	120,991	-
AD7205	GNMA II	3.125	110,891	-
AC8520	GNMA II	3.250	162,886	-
AD7326	GNMA II	3.250	132,431	100,856

MINNESOTA HOUSING

2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (49.9991% of the principal payments and none of the interest payments paid to 13ABC), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8309	GNMA II	3.375 %	$ 106,989	$ -
AD7327	GNMA II	3.375	135,753	-
AC7759	GNMA II	3.500	36,729	-
Subtotal			25,710,531	6,872,783
MBS Participation Interest (49.9991%)			12,855,034	3,436,330

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (50.0749% of the principal payments and none of the interest payments paid to 13ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8372	GNMA II	2.750 %	$ 190,286	$ 90,497
AC8518	GNMA II	2.750	845,766	74,531
AD7202	GNMA II	2.750	869,613	271,661
AD7307	GNMA II	2.750	1,250,082	348,533
AD7310	GNMA II	2.750	193,849	91,569
AD7324	GNMA II	2.750	1,244,417	248,259
AD7329	GNMA II	2.750	271,710	210,281
AD7413	GNMA II	2.750	1,437,921	289,302
AD7482	GNMA II	2.750	485,833	-
AD7522	GNMA II	2.750	421,289	117,821
AD7550	GNMA II	2.750	410,972	70,472
AC8231	GNMA II	2.875	132,608	103,658
AD7524	GNMA II	2.500	366,796	191,070
AH1961	GNMA II	3.500	7,364,353	1,705,934
Subtotal			15,485,495	3,813,587
MBS Participation Interest (50.0749%)			7,754,346	1,909,650
2013 ABC Total			$ 41,864,089	$ 10,134,955

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2014 A

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AF0608	GNMA II	2.50000 %	$	9,647,008	$	2,254,935
AG5765	GNMA II	2.50000		316,604		-
AG5963	GNMA II	2.50000		1,262,580		319,309
AH1875	GNMA II	2.50000		191,709		30,492
AH1963	GNMA II	2.50000		104,423		-
AD7552	GNMA II	2.62500		144,570		-
AE9848	GNMA II	2.62500		295,162		110,043
AF0094	GNMA II	2.62500		1,830,376		640,562
AD7484	GNMA II	2.75000		128,043		-
AE9849	GNMA II	2.75000		422,789		80,821
AF0095	GNMA II	2.75000		4,016,907		917,062
AB2188	GNMA II	2.87500		187,304		140,788
AC7869	GNMA II	2.87500		110,020		-
AC8522	GNMA II	2.87500		160,866		125,082
AF0096	GNMA II	2.87500		4,793,493		1,099,519
AF0100	GNMA II	2.87500		290,236		91,522
AH2036	GNMA II	3.00000		188,565		-
AC8400	GNMA II	3.37500		75,093		-
AD7527	GNMA II	3.50000		126,205		-
AH2038	GNMA II	4.00000		7,708,814		1,501,126
AU2989	FNMA	2.50000		235,065		188,969
AR5613	FNMA	2.52500		1,826,086		208,434
AT7533	FNMA	2.52500		294,640		87,572
AT7537	FNMA	2.52500		198,067		62,864
AT6230	FNMA	2.65000		129,631		-
AT9859	FNMA	2.65000		314,356		120,410
AU3003	FNMA	2.65000		310,784		44,384
AT9857	FNMA	2.77500		273,807		-

MINNESOTA HOUSING

2014 A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AU3004	FNMA	2.77500 %	$ 459,566	$ 211,134
AT7530	FNMA	2.90000	1,384,135	467,170
AT7536	FNMA	2.90000	208,793	-
AU2995	FNMA	3.00000	230,170	-
AU2998	FNMA	3.50000	505,749	-
AV8366	FNMA	3.50000	346,325	-
AV8369	FNMA	3.50000	169,107	-
AU2999	FNMA	4.00000	3,020,694	234,500
AV7824	FNMA	4.00000	1,452,376	341,506
AV8367	FNMA	4.00000	2,573,110	440,174
AV9663	FNMA	4.00000	1,665,715	470,258
AU3000	FNMA	4.50000	539,304	71,584
AV8368	FNMA	4.50000	881,800	179,734
AV8371	FNMA	4.50000	509,016	-
AV9664	FNMA	4.50000	474,456	-
2014 A Total			$ 50,003,520	$ 10,439,951

MINNESOTA HOUSING

2014 B

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AE9844	GNMA II	2.50000 %	$ 77,426	$ -
AD7526	GNMA II	2.87500	351,259	-
AD7553	GNMA II	2.87500	147,810	-
AE9850	GNMA II	2.87500	1,181,296	79,710
AH1962	GNMA II	4.00000	4,733,247	485,161
AH2597	GNMA II	4.00000	6,274,669	963,001
AT7534	FNMA	2.65000	5,463,918	1,137,254
AT7538	FNMA	2.65000	2,494,989	536,682
AU3007	FNMA	2.65000	62,017	-
AT9860	FNMA	2.90000	140,050	-
AU2982	FNMA	3.00000	9,469,151	1,686,003
AU3006	FNMA	3.02500	389,185	141,420
AV7823	FNMA	3.50000	64,250	53,108
AW1961	FNMA	4.50000	580,247	185,708
Subtotal			31,429,514	5,268,047

MINNESOTA HOUSING

2014 B, continued

14B Participation Interest in the following Mortgage-Backed Securities (49.9251% of the principal payments and 100% of the interest payments paid to 14B)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AD7524	GNMA II	2.500 %	$ 366,796	$ 191,070
AH1961	GNMA II	3.500	7,364,353	1,705,934
AC8372	GNMA II	2.750	190,286	90,497
AC8518	GNMA II	2.750	845,766	74,531
AD7202	GNMA II	2.750	869,613	271,661
AD7307	GNMA II	2.750	1,250,082	348,533
AD7310	GNMA II	2.750	193,849	91,569
AD7324	GNMA II	2.750	1,244,417	248,259
AD7329	GNMA II	2.750	271,710	210,281
AD7413	GNMA II	2.750	1,437,921	289,302
AD7482	GNMA II	2.750	485,833	-
AD7522	GNMA II	2.750	421,289	117,821
AD7550	GNMA II	2.750	410,972	70,472
AC8231	GNMA II	2.875	132,608	103,658
Subtotal			15,485,495	3,813,587
MBS Participation Interest (49.9251%)			7,731,149	1,903,937

MINNESOTA HOUSING

2014 B, continued

14B Participation Interest in the following Mortgage-Backed Securities (32.7876% of the principal payments and none of the interest payments paid to 14B)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AF0093	GNMA II	2.500	%	$ 224,137	$	177,224
AF0097	GNMA II	2.500		121,249		-
AF0098	GNMA II	2.625		742,958		381,008
AF0099	GNMA II	2.750		197,808		100,446
AH1960	GNMA II	3.000		101,458		82,555
AH1964	GNMA II	3.500		640,759		291,762
AH2037	GNMA II	3.500		7,775,339		1,362,679
AH2592	GNMA II	3.500		709,704		173,898
AV7825	FNMA	4.500		201,546		97,062
AI4176	GNMA II	3.500		21,964,999		3,395,376
Subtotal				32,679,957		6,062,009
MBS Participation Interest (32.7876%)				10,714,974		1,987,587
2014 B Total				$ 49,875,636	$	9,159,572

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2014 CDE

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AI4923	GNMA II	3.000 %	$	265,792	$	88,147
AH2644	GNMA II	3.500		291,681		54,067
AI4077	GNMA II	4.000		611,359		67,577
AI4768	GNMA II	4.000		454,754		-
AI4925	GNMA II	4.000		155,571		-
AW3995	FNMA	4.500		138,928		-
Subtotal				1,918,085		209,791

MINNESOTA HOUSING

2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (67.2124% of the principal payments and 100% of the interest payments paid to 14CDE)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AI4176	GNMA II	3.500	%	$ 21,964,999	$	3,395,376
AF0093	GNMA II	2.500		224,137		177,224
AF0097	GNMA II	2.500		121,249		-
AF0098	GNMA II	2.625		742,958		381,008
AF0099	GNMA II	2.750		197,808		100,446
AH1960	GNMA II	3.000		101,458		82,555
AH1964	GNMA II	3.500		640,759		291,762
AH2037	GNMA II	3.500		7,775,339		1,362,679
AH2592	GNMA II	3.500		709,704		173,898
AV7825	FNMA	4.500		201,546		97,062
Subtotal				32,679,957		6,062,009
MBS Participation Interest (67.2124%)				21,964,983		4,074,422

2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (50.115% of the principal payments and none of the interest payments paid to 14CDE)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AI4766	GNMA II	3.000 %	$ 226,721	$ -
AH2598	GNMA II	3.500	178,836	-
AH2684	GNMA II	3.500	129,781	-
AI4076	GNMA II	3.500	438,494	251,448
AI4125	GNMA II	3.500	133,278	-
AH1965	GNMA II	4.000	621,071	108,984
AH2599	GNMA II	4.000	372,689	96,414
AX8552	FNMA	4.500	115,889	-
AX8124	FNMA	3.500	2,206,586	802,916
Subtotal			4,423,344	1,259,762
MBS Participation Interest (50.115%)			2,216,759	631,330

MINNESOTA HOUSING

2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (92.0199% of the principal payments and 81.75% of the interest payments paid to 14CDE)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AI4924	GNMA II	3.500 %	$ 25,651,238	$ 4,601,209
AX3836	FNMA	3.500	2,224,511	900,930
Subtotal			27,875,749	5,502,140
MBS Participation Interest (92.0199%)			25,651,236	5,063,063

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (49.8093% of the principal payments and 10% of the interest payments paid to 14CDE)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AI4767	GNMA II	3.500 %	$ 24,803,293	$ 4,897,415
AM8612	GNMA I	3.000	9,358,396	2,273,034
AM8937	GNMA I	3.000	5,807,044	1,686,170
AM8938	GNMA I	3.000	4,951,378	1,410,089
AM8939	GNMA I	3.000	4,876,401	1,724,416
Subtotal			49,796,511	11,991,124
MBS Participation Interest (49.8093%)			24,803,294	5,972,695
2014 CDE Total			$ 76,554,357	$ 15,951,301

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2015 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AK6400	GNMA II	3.000 %	$ 330,846	$ 92,356
AM8941	GNMA II	3.500	2,915,549	520,201
AM8943	GNMA II	3.500	205,216	173,263
AI4179	GNMA II	4.000	242,654	-
AM8942	GNMA II	4.000	39,872	-
AY5082	FNMA	3.500	1,743,318	404,732
AY5083	FNMA	3.500	499,627	-
AY5085	FNMA	3.500	2,322,111	878,805
AZ1657	FNMA	3.500	5,349,068	553,717
AZ1658	FNMA	4.000	248,181	64,257
Subtotal			13,896,443	2,687,332

2015 ABCD, continued

15ABCD Participation Interest in the following Mortgage-Backed Securities (50.1907% of the principal payments and 90% of the interest payments paid to 15ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AM8612	GNMA I	3.000	%	$ 9,358,396	$	2,273,034
AM8937	GNMA I	3.000		5,807,044		1,686,170
AM8938	GNMA I	3.000		4,951,378		1,410,089
AM8939	GNMA I	3.000		4,876,401		1,724,416
AI4767	GNMA II	3.500		24,803,293		4,897,415
Subtotal				49,796,511		11,991,124
MBS Participation Interest (50.1907%)				24,993,218		6,018,429

2015 ABCD, continued

15ABCD Participation Interest in the following Mortgage-Backed Securities (65.9973% of the principal payments and none of the interest payments paid to 15ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AM8940	GNMA I	3.000	%	$ 4,520,297	$	1,090,229
AM8555	GNMA II	3.500		3,739,824		1,050,797
AM8613	GNMA II	3.500		5,921,770		1,715,405
AZ5831	FNMA	3.500		6,715,036		1,301,661
AO8779	GNMA I	3.500		8,562,123		2,785,670
AY5078	FNMA	3.500		361,049		106,258
BA0621	FNMA	3.500		273,743		101,149
BA0623	FNMA	3.500		1,569,485		493,738
Subtotal				31,663,327		8,644,906
MBS Participation Interest (65.9973%)				20,896,941		5,705,405

2015 ABCD, continued

15ABCD Participation Interest in the following Mortgage-Backed Securities (49.9968% of the principal payments and none of the interest payments paid to 15ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AM8554	GNMA II	3.500 %	$ 3,794,512	$ 270,810
AM8556	GNMA II	3.500	306,712	129,719
AY5084	FNMA	3.500	362,410	-
AY5086	FNMA	3.500	3,739,337	621,121
Subtotal			8,202,970	1,021,650
MBS Participation Interest (49.9968%)			4,101,222	510,792
2015 ABCD Total			$ 63,887,824	$ 14,921,958

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2015 EFG

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BA0468	FNMA	3.000	%	$ 175,224	$ -
AY5095	FNMA	3.500		476,397	-
AZ5833	FNMA	3.500		352,966	116,312
BA0469	FNMA	3.500		5,231,315	1,228,402
BA0470	FNMA	4.000		3,729,896	864,171
BA2501	FNMA	4.000		4,118,053	746,550
Subtotal				14,083,852	2,955,435

MINNESOTA HOUSING

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (34.0027% of the principal payments and 100% of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AO8779	GNMA I	3.500 %	$ 8,562,123	$ 2,785,670
AY5078	FNMA	3.500	361,049	106,258
BA0621	FNMA	3.500	273,743	101,149
BA0623	FNMA	3.500	1,569,485	493,738
AM8940	GNMA I	3.000	4,520,297	1,090,229
AM8555	GNMA II	3.500	3,739,824	1,050,797
AM8613	GNMA II	3.500	5,921,770	1,715,405
AZ5831	FNMA	3.500	6,715,036	1,301,661
Subtotal			31,663,327	8,644,906
MBS Participation Interest (34.0027%)			10,766,386	2,939,502

MINNESOTA HOUSING

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (50.0481% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AM8978	GNMA II	3.500 %	$ 362,644	$ 177,547
AO8641	GNMA II	3.500	7,879,767	2,053,695
AI4769	GNMA II	3.500	2,575,665	543,522
A08783	GNMA II	3.500	485,760	141,972
AO9369	GNMA I	3.500	5,165,142	585,415
Subtotal			16,468,978	3,502,151
MBS Participation Interest (50.0481%)			8,242,411	1,752,760

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (49.8383% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BA0624	FNMA	4.000 %	$ 1,136,701	$ 383,578
BA0640	FNMA	3.500	848,267	294,626
BA0638	FNMA	4.000	105,339	85,638
BA6223	FNMA	4.000	190,469	164,628
Subtotal			2,280,776	928,469
MBS Participation Interest (49.8383%)			1,136,700	462,733

MINNESOTA HOUSING

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (49.9919% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AO8778	GNMA I	3.500 %	$ 2,433,041	$ 746,516
Subtotal			2,433,041	746,516
MBS Participation Interest (49.9919%)			1,216,323	373,197

MINNESOTA HOUSING

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (24.996% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BC4092	FNMA	3.000	%	$ 296,775	$	67,874
BC9423	FNMA	3.000		276,525		86,848
BC4085	FNMA	3.500		1,473,617		364,757
BC4097	FNMA	3.500		2,820,746		966,927
Subtotal				4,867,662		1,486,406
MBS Participation Interest (24.996%)				1,216,721		371,542

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (66.6012% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AM9028	GNMA I	3.000	%	$ 1,580,780	$ -
A08774	GNMA I	3.000		2,049,815	365,916
AM8976	GNMA II	3.500		486,464	-
AM9030	GNMA II	3.500		459,995	133,118
AO8775	GNMA II	3.500		4,172,145	1,240,983
AO8776	GNMA II	3.500		4,878,678	1,466,934
AO8777	GNMA II	3.500		4,710,655	1,044,152
AO8780	GNMA I	3.500		5,472,547	1,002,483
AO8781	GNMA I	3.500		10,554,848	1,877,614
AR0752	GNMA II	3.500		7,079,482	1,832,998
AR0753	GNMA II	3.500		7,442,958	1,958,186
BC4088	FNMA	3.500		2,244,234	493,998
BC4086	FNMA	4.000		466,950	306,758
Subtotal				51,599,551	11,723,141
MBS Participation Interest (66.6012%)				34,365,920	7,807,752

MINNESOTA HOUSING

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (50.0166% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BA2500	FNMA	3.500 %	$ 2,212,034	$ 305,410
BA0622	FNMA	4.000	375,062	-
Subtotal			2,587,096	305,410
MBS Participation Interest (50.0166%)			1,293,977	152,755

2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (17.5% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AT7604	GNMA I	3.000	%	$ 6,702,989	$	2,642,075
BD2362	FNMA	3.000		220,994		192,499
BD5918	FNMA	3.500		265,962		235,947
BC4100	FNMA	4.000		199,298		173,687
Subtotal				7,389,244		3,244,208
MBS Participation Interest (17.5%)				1,293,118		567,736
2015 EFG Total				$ 73,615,407	$	17,383,414

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2016 ABC

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BC4087	FNMA	3.500	%	$ 148,237	$ -
BC6964	FNMA	3.500		6,593,541	1,207,006
BC4091	FNMA	4.000		110,858	90,806
Subtotal				6,852,636	1,297,811

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (33.3988% of the principal payments and 100% of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AR0752	GNMA II	3.500	%	$ 7,079,482	$	1,832,998
AR0753	GNMA II	3.500		7,442,958		1,958,186
BC4088	FNMA	3.500		2,244,234		493,998
BC4086	FNMA	4.000		466,950		306,758
AM9028	GNMA I	3.000		1,580,780		-
A08774	GNMA I	3.000		2,049,815		365,916
AM8976	GNMA II	3.500		486,464		-
AM9030	GNMA II	3.500		459,995		133,118
AO8775	GNMA II	3.500		4,172,145		1,240,983
AO8776	GNMA II	3.500		4,878,678		1,466,934
AO8777	GNMA II	3.500		4,710,655		1,044,152
AO8780	GNMA I	3.500		5,472,547		1,002,483
AO8781	GNMA I	3.500		10,554,848		1,877,614
Subtotal				51,599,551		11,723,141
MBS Participation Interest (33.3988%)				17,233,626		3,915,387

MINNESOTA HOUSING

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (50.0010% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AR0746	GNMA I	3.000	%	$ 3,272,028	$ 743,004
BC5191	FNMA	3.500		2,048,514	775,803
BC5179	FNMA	4.000		323,883	170,097
Subtotal				5,644,425	1,688,904
MBS Participation Interest (50.0010%)				2,822,269	844,469

MINNESOTA HOUSING

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (17.5% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BD5921	FNMA	3.000	%	$ 935,394	$ 149,675
BD7768	FNMA	3.000		3,350,804	1,312,233
BC4099	FNMA	3.500		3,002,514	328,568
BC5180	FNMA	3.500		137,186	-
BC9426	FNMA	3.500		182,077	158,388
BD5216	FNMA	3.500		3,670,214	1,347,085
BD7770	FNMA	3.500		3,826,556	1,517,646
BD2361	FNMA	4.000		1,021,873	99,729
Subtotal				16,126,618	4,913,324
MBS Participation Interest (17.5%)				2,822,158	859,832

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (20.055% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8143	GNMA I	3.000 %	$ 5,334,500	$ 2,310,267
B32197	FHLMC	3.000	282,833	243,116
BE0291	FNMA	3.000	5,134,247	2,099,171
BD5924	FNMA	3.500	363,030	173,383
Subtotal			11,114,610	4,825,939
MBS Participation Interest (20.055%)			2,229,035	967,842

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (49.9914% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AR0748	GNMA II	3.000	%	$ 3,630,340	$	1,615,554
BC6965	FNMA	4.000		826,966		76,765
Subtotal				4,457,306		1,692,320
MBS Participation Interest (49.9914%)				2,228,270		846,014

MINNESOTA HOUSING

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (50.0018% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR0747	GNMA I	3.000 %	$ 3,877,322	$ 487,858
AR0749	GNMA II	3.000	3,953,558	1,258,489
AR0650	GNMA II	3.500	4,534,923	1,921,706
AR0651	GNMA II	3.500	4,522,700	1,454,750
AR0652	GNMA I	3.500	1,242,123	533,249
AR0750	GNMA II	3.500	6,913,842	1,337,599
AR0751	GNMA II	3.500	6,741,319	1,537,465
AX5784	GNMA II	2.500	259,963.00	-
AT8392	GNMA II	3.000	14,213,412	6,020,629
AT8393	GNMA I	3.000	12,562,961	4,543,254
AT8285	GNMA II	3.500	137,602	120,323
BD5933	FNMA	3.500	1,759,859	192,894
BE1718	FNMA	3.500	2,575,271	954,857
BA0636	FNMA	4.000	274,452	-
Subtotal			63,569,307	20,363,072
MBS Participation Interest (50.0018%)			31,785,798	10,181,903

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (50.005% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AR0649	GNMA II	3.500	%	$ 4,640,734	$ 1,245,530
AR0754	GNMA I	3.500		1,654,732	643,702
BC4089	FNMA	4.000		1,338,492	132,480
Subtotal				7,633,958	2,021,712
MBS Participation Interest (50.005%)				3,817,361	1,010,957

MINNESOTA HOUSING

2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (17.3082% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AX5910	GNMA I	3.000	%	$ 7,603,441	$ 2,214,703
BD5941	FNMA	3.000		1,656,405	509,903
BE6508	FNMA	3.000		8,329,390	3,735,028
BE6509	FNMA	3.500		4,266,225	1,756,960
BA0626	FNMA	4.000		195,342	-
Subtotal				22,050,803	8,216,594
MBS Participation Interest (17.3082%)				3,816,597	1,422,144
2016 ABC Total				$ 73,607,749	$ 21,346,359

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2016 DEF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8282	GNMA II	2.500 %	$ 468,571	$ 175,171
AT8391	GNMA II	2.500	496,079	110,629
AT7716	GNMA I	3.000	1,623,547	636,022
AX5785	GNMA II	3.000	4,466,933	1,783,688
AT8394	GNMA II	3.500	159,514	112,946
B32215	FHLMC	3.000	939,625	353,029
B32217	FHLMC	3.000	410,812	101,570
B32218	FHLMC	3.500	296,567	154,758
BD5932	FNMA	3.000	1,379,466	367,330
BE1717	FNMA	3.000	5,428,580	2,977,330
BE4461	FNMA	3.000	4,411,237	1,740,912
BA0630	FNMA	3.500	451,951	206,168
BA0633	FNMA	3.500	1,483,230	402,653
BD5219	FNMA	3.500	914,423	219,899
BA0634	FNMA	4.000	1,796,880	345,604
Subtotal			24,727,415	9,687,709

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (49.9982% of the principal payments and 100% of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AX5784	GNMA II	2.500	%	$ 259,963	$ -
AT8392	GNMA II	3.000		14,213,412	6,020,629
AT8393	GNMA I	3.000		12,562,961	4,543,254
AT8285	GNMA II	3.500		137,602	120,323
BD5933	FNMA	3.500		1,759,859	192,894
BE1718	FNMA	3.500		2,575,271	954,857
BA0636	FNMA	4.000		274,452	-
AR0747	GNMA I	3.000		3,877,322	487,858
AR0749	GNMA II	3.000		3,953,558	1,258,489
AR0650	GNMA II	3.500		4,534,923	1,921,706
AR0651	GNMA II	3.500		4,522,700	1,454,750
AR0652	GNMA I	3.500		1,242,123	533,249
AR0750	GNMA II	3.500		6,913,842	1,337,599
AR0751	GNMA II	3.500		6,741,319	1,537,465
Subtotal				63,569,307	20,363,072
MBS Participation Interest (49.9982%)				31,783,509	10,181,170

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (50.005% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BE4463	FNMA	3.500 %	$ 3,392,549	$ 1,035,569
Subtotal			3,392,549	1,035,569
MBS Participation Interest (50.005%)			1,696,444	517,836

MINNESOTA HOUSING

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (7.6918% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5910	GNMA I	3.000 %	$ 7,603,441	$ 2,214,703
BD5941	FNMA	3.000	1,656,405	509,903
BE6508	FNMA	3.000	8,329,390	3,735,028
BE6509	FNMA	3.500	4,266,225	1,756,960
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	8,216,594
MBS Participation Interest (7.6918%)			1,696,104	632,004

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (50% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8283	GNMA II	3.000 %	$ 9,887,532	$ 4,408,134
B32216	FHLMC	3.500	458,940	194,227
Subtotal			10,346,472	4,602,360
MBS Participation Interest (50%)			5,173,236	2,301,180

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (25% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AX5908	GNMA II	2.500	%	$ 122,023	$ 105,863
AT8149	GNMA II	3.000		322,685	281,437
AX5793	GNMA II	3.000		465,572	283,486
AX5986	GNMA I	3.000		3,732,410	1,525,245
AO9501	GNMA II	3.500		448,599	-
AT7498	GNMA II	3.500		92,943	81,544
AX5915	GNMA II	3.500		520,800	296,592
AX5989	GNMA II	3.500		4,873,647	1,157,778
AX5990	GNMA II	4.000		1,364,441	432,302
B32222	FHLMC	4.000		113,706	101,949
BE4720	FNMA	3.000		649,691	224,702
BE6512	FNMA	3.000		395,064	349,416
BE7856	FNMA	3.000		958,379	611,777
BE7857	FNMA	3.500		6,632,991	2,995,266
Subtotal				20,692,948	8,447,357
MBS Participation Interest (25.0%)				5,173,237	2,111,839

MINNESOTA HOUSING

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (50% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5789	GNMA I	3.000 %	$ 5,041,826	$ 1,057,115
Subtotal			5,041,826	1,057,115
MBS Participation Interest (50.0%)			2,520,913	528,557

MINNESOTA HOUSING

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (33.5% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5794	GNMA II	3.000 %	$ 655,497	$ -
AX6116	GNMA II	3.000	1,707,090	358,969
AX6120	GNMA II	3.000	112,066	98,619
AX6206	GNMA II	3.000	212,943	187,043
AO9439	GNMA II	3.500	529,841	152,895
AX6119	GNMA II	4.000	892,247	-
AX6124	GNMA II	4.000	196,802	175,981
BE6511	FNMA	3.000	324,596	185,846
BH0318	FNMA	3.500	1,335,630	454,684
BE4726	FNMA	4.000	1,382,950	648,165
BE9284	FNMA	4.000	175,450	-
Subtotal			7,525,112	2,262,203
MBS Participation Interest (33.5%)			2,520,912	757,838

MINNESOTA HOUSING

2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (66.665% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BE4462	FNMA	3.000	%	$ 6,198,005	$	3,094,242
BD5937	FNMA	3.500		2,044,924		638,401
AX5786	GNMA II	3.000		4,961,391		1,300,724
AX5787	GNMA II	3.000		4,961,764		1,769,536
AX5788	GNMA I	3.000		6,156,959		2,309,477
BE4732	FNMA	3.000		98,583		-
BH2912	FNMA	4.000		2,974,665		1,073,186
AT8286	GNMA II	3.000		457,633		246,736
AX6515	GNMA II	3.500		5,492,465		1,170,112
AX6516	GNMA II	4.000		3,139,100		740,011
Subtotal				36,485,488		12,342,424
MBS Participation Interest (66.665%)				24,323,051		8,228,077
2016 DEF Total				$ 99,614,822	$	34,946,211

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2017 ABC

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BD7772	FNMA	3.000	%	$ 196,706	$	174,667
BT0701	FNMA	2.500		710,760		692,397
BE0294	FNMA	3.000		179,604		-
BE4734	FNMA	3.000		148,729		16,389
BE7859	FNMA	3.000		468,577		401,042
BH2729	FNMA	3.000		383,724		338,790
BH4648	FNMA	3.000		126,200		-
BC4095	FNMA	3.500		438,704		64,126
BD5939	FNMA	3.500		159,402		-
BE0295	FNMA	3.500		119,348		-
BE4733	FNMA	3.500		328,824		-
BE4735	FNMA	3.500		537,739		83,492
BH2730	FNMA	3.500		1,254,329		210,305
BH4649	FNMA	3.500		1,004,240		403,478
BH2737	FNMA	4.000		456,858		-
BH2734	FNMA	4.500		174,246		-
BH4654	FNMA	4.500		516,158		301,913
QC3148	FHLMC	2.500		143,892		140,929
CI7945	GNMA II	2.125		186,165		182,159
AT8152	GNMA II	3.000		270,196		238,122
AX5912	GNMA II	3.000		682,872		111,801
AR0758	GNMA II	3.500		638,048		127,796
AR0759	GNMA II	3.500		584,144		101,500
AT7611	GNMA II	3.500		152,881		134,940
AX5916	GNMA II	3.500		376,517		-
AX5993	GNMA II	3.500		468,901		194,519
AX6123	GNMA II	3.500		526,494		-
AX6518	GNMA II	3.500		640,271		152,560
Subtotal				11,874,529		4,070,925

MINNESOTA HOUSING

2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (33.335% of the principal payments and 100% of the interest payments paid to 17ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BE4732	FNMA	3.000	%	$ 98,583	$ -
BH2912	FNMA	4.000		2,974,665	1,073,186
AT8286	GNMA II	3.000		457,633	246,736
AX6515	GNMA II	3.500		5,492,465	1,170,112
AX6516	GNMA II	4.000		3,139,100	740,011
BE4462	FNMA	3.000		6,198,005	3,094,242
BD5937	FNMA	3.500		2,044,924	638,401
AX5786	GNMA II	3.000		4,961,391	1,300,724
AX5787	GNMA II	3.000		4,961,764	1,769,536
AX5788	GNMA I	3.000		6,156,959	2,309,477
Subtotal				36,485,488	12,342,424
MBS Participation Interest (33.335%)				12,162,438	4,114,347

2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (50.00% of the principal payments and none of the interest payments paid to 17ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BH2914	FNMA	4.000 %	$	2,290,805	$	615,131
Subtotal				2,290,805		615,131
MBS Participation Interest (50.0%)				1,145,402		307,565

MINNESOTA HOUSING

2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (30.00% of the principal payments and none of the interest payments paid to 17ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BH6206	FNMA	3.500	%	$ 213,059	$ 85,924
BJ1725	FNMA	4.000		1,937,075	175,913
AX6604	GNMA II	3.500		494,913	208,597
BB3327	GNMA I	3.500		307,537	162,364
AX6520	GNMA II	4.000		150,638	-
AX6606	GNMA II	4.000		296,337	264,924
BB3326	GNMA II	4.000		249,619	-
BB3453	GNMA II	4.000		168,827	-
Subtotal				3,818,006	897,720
MBS Participation Interest (30.0%)				1,145,402	269,316

MINNESOTA HOUSING

2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 0% of the interest payments paid to 17ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
Q48789	FHLMC	4.000	%	$ 1,206,720	$ 205,808
BH2735	FNMA	3.500		162,620	-
BH2910	FNMA	3.500		1,192,918	362,974
BE4736	FNMA	4.000		1,280,154	557,874
BH2731	FNMA	4.000		2,206,844	841,821
BH2732	FNMA	4.000		1,747,479	451,643
BH2733	FNMA	4.000		2,772,975	564,997
BH4650	FNMA	4.000		1,113,794	558,697
BH4651	FNMA	4.000		2,228,404	811,613
BH4652	FNMA	4.000		2,104,727	653,676
BH4653	FNMA	4.000		2,290,937	382,893
AX6514	GNMA I	3.500		6,265,164	2,000,033
AX6602	GNMA I	3.500		8,203,751	2,138,854
AX6513	GNMA II	4.000		2,562,616	328,752
B32270	FHLMC	3.500		786,874	456,143
BJ2867	FNMA	3.500		5,875,027	3,214,324
BJ5391	FNMA	3.500		4,028,730	1,076,934
BJ2871	FNMA	4.000		2,285,270	1,253,820
BJ5218	FNMA	4.000		163,639	-
BJ5393	FNMA	4.000		2,890,359	1,151,746
BJ5395	FNMA	4.000		3,265,054	1,661,836

2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 0% of the interest payments paid to 17ABC), continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AX6212	GNMA II	3.500	%	$ 585,625	$	152,683
BB3794	GNMA II	3.500		3,071,434		1,271,204
BB3795	GNMA II	3.500		5,412,470		2,054,783
BB3796	GNMA II	3.500		4,094,272		1,153,819
BB3798	GNMA II	3.500		2,880,351		1,399,578
Subtotal				70,678,208		24,706,505
MBS Participation Interest (50.000%)				35,339,104		12,353,252
2017 ABC Total				$ 61,666,874	$	21,115,406

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2017 DEF

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
B32253	FHLMC	3.500	%	$ 164,103	$	-
B32261	FHLMC	3.500		375,301		340,981
BJ0401	FNMA	3.500		548,771		230,948
BJ5388	FNMA	3.500		1,098,490		510,898
BU7363	FNMA	2.500		236,839		232,329
BB3874	GNMA II	3.500		5,030,356		1,808,758
BB3875	GNMA II	3.500		4,783,103		1,603,187
BB3876	GNMA II	3.500		5,004,487		2,263,191
BB3877	GNMA II	3.500		4,889,444		2,072,832
BB3878	GNMA II	3.500		4,983,334		2,145,224
BB3880	GNMA II	3.500		5,393,045		1,927,005
BB3879	GNMA II	3.500		4,962,312		1,497,826
Subtotal				37,469,585		14,633,178

MINNESOTA HOUSING

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 100% of the interest payments paid to 17DEF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
B32270	FHLMC	3.500	%	$ 786,874	$ 456,143
BJ2867	FNMA	3.500		5,875,027	3,214,324
BJ5391	FNMA	3.500		4,028,730	1,076,934
BJ2871	FNMA	4.000		2,285,270	1,253,820
BJ5218	FNMA	4.000		163,639	-
BJ5393	FNMA	4.000		2,890,359	1,151,746
BJ5395	FNMA	4.000		3,265,054	1,661,836
AX6212	GNMA II	3.500		585,625	152,683
BB3794	GNMA II	3.500		3,071,434	1,271,204
BB3795	GNMA II	3.500		5,412,470	2,054,783
BB3796	GNMA II	3.500		4,094,272	1,153,819
BB3798	GNMA II	3.500		2,880,351	1,399,578
Q48789	FHLMC	4.000		1,206,720	205,808
BH2735	FNMA	3.500		162,620	-
BH2910	FNMA	3.500		1,192,918	362,974
BE4736	FNMA	4.000		1,280,154	557,874
BH2731	FNMA	4.000		2,206,844	841,821
BH2732	FNMA	4.000		1,747,479	451,643
BH2733	FNMA	4.000		2,772,975	564,997
BH4650	FNMA	4.000		1,113,794	558,697
BH4651	FNMA	4.000		2,228,404	811,613
BH4652	FNMA	4.000		2,104,727	653,676
BH4653	FNMA	4.000		2,290,937	382,893

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 100% of the interest payments paid to 17DEF), continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AX6514	GNMA I	3.500	%	$ 6,265,164		$ 2,000,033
AX6602	GNMA I	3.500		8,203,751		2,138,854
AX6513	GNMA II	4.000		2,562,616		328,752
Subtotal				70,678,208		24,706,505
MBS Participation Interest (50.000%)				35,339,104		12,353,252

MINNESOTA HOUSING

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (25.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB4116	GNMA II	3.500 %	$ 4,179,316	$ 2,074,405
BB4114	GNMA I	3.500	4,430,199	1,353,873
BB4115	GNMA I	3.500	1,285,872	576,462
B32294	FHLMC	3.500	889,653	204,173
B32295	FHLMC	4.000	72,364	65,993
BH8427	FNMA	3.500	610,540	259,465
BJ5221	FNMA	3.500	1,988,298	905,156
BJ5399	FNMA	3.500	456,440	292,247
BJ8207	FNMA	3.500	1,044,791	686,316
BK0989	FNMA	3.500	3,778,347	1,496,218
BK0990	FNMA	3.500	2,084,193	851,530
BK0991	FNMA	3.500	3,567,149	1,601,160
Subtotal			24,387,161	10,366,998
MBS Participation Interest (25.0%)			6,096,790	2,591,750

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BJ0412	FNMA	3.500	%	$ 2,101,228	$ 1,141,751
BJ2869	FNMA	3.500		2,726,869	390,533
BJ2873	FNMA	4.000		2,391,919	204,382
BJ5214	FNMA	3.500		1,105,052	80,123
BB3797	GNMA II	3.500		3,868,517	1,166,716
Subtotal				12,193,585	2,983,505
MBS Participation Interest (50.000%)				6,096,793	1,491,752

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (30.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32303	FHLMC	4.000 %	$ 460,421	$ 146,032
BH8343	FNMA	4.000	534,213	115,692
BJ5401	FNMA	4.000	150,788	-
BF2379	GNMA II	3.500	3,368,038	1,175,213
BF2380	GNMA II	4.000	2,882,352	766,238
BF2172	GNMA I	3.500	2,167,549	548,884
BF2377	GNMA I	3.500	1,338,753	638,605
Subtotal			10,902,114	3,390,665
MBS Participation Interest (30.000%)			3,270,634	1,017,200

MINNESOTA HOUSING

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0414	FNMA	3.500 %	$ 2,277,814	$ 936,315
BJ5216	FNMA	3.500	2,318,723	549,481
BJ5389	FNMA	3.500	1,982,976	564,546
Subtotal			6,579,513	2,050,342
MBS Participation Interest (50.000%)			3,289,756	1,025,171

MINNESOTA HOUSING

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (40.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0410	FNMA	3.500 %	$ 550,689	$ 168,068
BK1671	FNMA	4.000	291,810	64,431
BK3337	FNMA	4.000	1,305,698	305,733
BK3338	FNMA	4.000	2,205,603	570,842
BK3339	FNMA	4.000	1,055,529	209,592
BK3342	FNMA	4.000	308,085	84,259
BK4075	FNMA	4.000	1,272,248	282,999
BK4077	FNMA	4.000	1,089,471	406,986
BK5110	FNMA	4.000	2,136,660	1,176,318
BK6996	FNMA	4.000	1,260,717	482,761
BK6997	FNMA	4.000	2,301,801	676,026
BK7000	FNMA	4.500	2,319,415	470,371
BK7001	FNMA	4.500	2,408,804	378,106
B32321	FHLMC	4.000	154,310	-
B32316	FHLMC	4.000	597,634	209,977
Q56821	FHLMC	4.500	1,257,783	401,672
BB3331	GNMA II	3.500	535,471	345,161
BB3803	GNMA II	3.500	625,020	211,235
BB4033	GNMA II	3.500	304,304	95,135
BB4119	GNMA II	3.500	575,626	308,964

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (40.000% of the principal payments and none of the interest payments paid to 17DEF), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2384	GNMA II	3.500 %	$ 547,416	$ -
BF2612	GNMA II	3.500	162,282	-
BF2614	GNMA II	4.000	4,711,173	1,004,163
BF2621	GNMA II	4.000	561,626	216,686
BF2491	GNMA II	4.500	2,569,139	305,630
BF2616	GNMA II	4.500	2,348,038	413,519
BF2618	GNMA II	4.500	2,087,298	406,532
Subtotal			35,543,650	9,195,169
MBS Participation Interest (40.000%)			14,217,460	3,678,067

2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0413	FNMA	3.500 %	$ 1,668,585	$ 1,050,013
BJ0415	FNMA	3.500	1,364,693	353,934
BJ2868	FNMA	3.500	2,138,695	425,255
BJ2870	FNMA	3.500	1,241,724	229,336
BJ2874	FNMA	4.000	1,172,230	-
BJ5215	FNMA	3.500	1,139,105	294,933
BJ5217	FNMA	3.500	1,195,322	873,916
BJ5390	FNMA	3.500	2,607,621	1,348,039
BJ5392	FNMA	3.500	1,378,345	854,890
BJ5394	FNMA	4.000	1,943,975	721,354
BB3791	GNMA I	3.500	3,586,872	1,604,889
BB3792	GNMA I	3.500	4,373,543	1,195,460
BB3793	GNMA I	3.500	4,874,109	1,631,063
Subtotal			28,684,820	10,583,082
MBS Participation Interest (50.000%)			14,342,410	5,291,541
2017 DEF Total			$ 120,122,532	$ 42,081,912

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2018 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
B32314	FHLMC	3.500	%	$ 163,459	$ -
B32315	FHLMC	4.500		142,087	130,552
B32320	FHLMC	4.000		116,088	-
B32322	FHLMC	4.500		248,252	140,200
B32328	FHLMC	4.000		554,503	403,181
BE4728	FNMA	4.000		369,322	-
BJ0400	FNMA	3.500		459,057	-
BJ0402	FNMA	3.500		434,785	-
BJ2876	FNMA	3.500		339,985	162,668
BJ8219	FNMA	4.000		448,968	221,712
BK0996	FNMA	3.500		446,957	301,370
BK0997	FNMA	3.500		525,586	337,874
BK0998	FNMA	3.500		699,765	144,067
BK1670	FNMA	3.500		413,986	172,536
BK3333	FNMA	3.500		895,167	92,804
BK3335	FNMA	3.500		1,020,628	341,473
BK3336	FNMA	4.000		1,034,111	319,131
BK3340	FNMA	4.500		355,128	-
BK3341	FNMA	3.500		207,161	191,022
BK4073	FNMA	3.500		480,683	148,527
BK4074	FNMA	4.000		2,014,715	318,402
BK4076	FNMA	4.000		1,974,594	359,410
BK4078	FNMA	4.500		1,394,390	322,918
BK4079	FNMA	4.500		2,074,399	353,210
BK5108	FNMA	4.000		1,855,353	537,908
BK5109	FNMA	4.000		1,313,057	298,084

MINNESOTA HOUSING

2018 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BK5111	FNMA	4.000	%	$	665,874	$ -
BK5112	FNMA	4.500			2,664,598	1,160,899
BK5113	FNMA	4.500			3,026,982	472,598
BK5114	FNMA	4.500			1,010,895	-
BK5117	FNMA	4.500			120,772	110,879
BK6998	FNMA	4.000			824,373	163,017
BK6999	FNMA	4.500			2,960,454	1,268,362
BK7002	FNMA	4.500			1,564,581	176,757
AX6211	GNMA II	3.500			443,193	326,765
BB3332	GNMA II	4.000			324,852	-
BB3459	GNMA II	3.500			527,574	122,704
BB3594	GNMA II	3.500			472,914	172,328
BB3595	GNMA II	3.500			395,486	281,663
BB3690	GNMA II	3.500			471,395	-
BB3800	GNMA II	3.500			361,608	-
BB4034	GNMA II	3.500			461,262	107,545
BB4035	GNMA II	3.500			550,625	147,539
BB4120	GNMA II	3.500			427,259	296,840
BB4121	GNMA II	3.500			514,224	-
BB4122	GNMA II	3.500			404,126	182,771
BF2178	GNMA II	3.500			437,746	-
BF2179	GNMA II	3.500			492,962	112,200
BF2182	GNMA II	3.500			175,760	-
BF2487	GNMA II	3.500			1,599,788	463,950
BF2490	GNMA II	4.000			1,726,633	566,908

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2018 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BF2495	GNMA II	4.500	%	$ 195,365	$ -
CI8073	GNMA II	2.875		4,980,119	4,885,770
BF2933	GNMA II	3.500		102,949	94,147
BF2938	GNMA II	4.500		3,553,501	574,631
BF2170	GNMA I	3.500		3,185,013	552,576
Subtotal				54,625,069	17,537,900

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 100% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32316	FHLMC	4.000 %	$ 597,634	$ 209,977
B32321	FHLMC	4.000	154,310	-
Q56821	FHLMC	4.500	1,257,783	401,672
BJ0410	FNMA	3.500	550,689	168,068
BK1671	FNMA	4.000	291,810	64,431
BK3337	FNMA	4.000	1,305,698	305,733
BK3338	FNMA	4.000	2,205,603	570,842
BK3339	FNMA	4.000	1,055,529	209,592
BK3342	FNMA	4.000	308,085	84,259
BK4075	FNMA	4.000	1,272,248	282,999
BK4077	FNMA	4.000	1,089,471	406,986
BK5110	FNMA	4.000	2,136,660	1,176,318
BK6996	FNMA	4.000	1,260,717	482,761
BK6997	FNMA	4.000	2,301,801	676,026
BK7000	FNMA	4.500	2,319,415	470,371
BK7001	FNMA	4.500	2,408,804	378,106
BB3331	GNMA II	3.500	535,471	345,161
BB3803	GNMA II	3.500	625,020	211,235
BB4033	GNMA II	3.500	304,304	95,135
BB4119	GNMA II	3.500	575,626	308,964
BF2384	GNMA II	3.500	547,416	-
BF2491	GNMA II	4.500	2,569,139	305,630
BF2612	GNMA II	3.500	162,282	-

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 100% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2616	GNMA II	4.500 %	$ 2,348,038	$ 413,519
BF2618	GNMA II	4.500	2,087,298	406,532
BF2614	GNMA II	4.000	4,711,173	1,004,163
BF2621	GNMA II	4.000	561,626	216,686
Subtotal			35,543,650	9,195,169
MBS Participation Interest (60.000%)			21,326,190	5,517,101

MINNESOTA HOUSING

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 100% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0413	FNMA	3.500 %	$ 1,654,698	$ 1,050,013
BJ0415	FNMA	3.500	1,354,162	353,934
BJ2868	FNMA	3.500	2,119,623	425,255
BJ2870	FNMA	3.500	1,231,254	229,336
BJ2874	FNMA	4.000	1,162,942	-
BJ5215	FNMA	3.500	1,129,624	294,933
BJ5217	FNMA	3.500	1,186,168	873,916
BJ5390	FNMA	3.500	2,584,435	1,348,039
BJ5392	FNMA	3.500	1,366,560	854,890
BJ5394	FNMA	4.000	1,927,501	721,354
BB3791	GNMA I	3.500	3,554,670	1,604,889
BB3792	GNMA I	3.500	4,333,087	1,195,460
BB3793	GNMA I	3.500	4,830,196	1,631,063
Subtotal			28,434,918	10,583,082
MBS Participation Interest (50.000%)			14,217,459	5,291,541

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (23.8% of the principal payments and 0% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BK8043	FNMA	5.000 %	$ 420,043	$ 170,927
BK8048	FNMA	5.000	154,823	144,557
BK8980	FNMA	4.500	1,466,705	787,787
BF2622	GNMA II	4.000	452,287	66,796
BF2624	GNMA II	4.500	534,479	159,521
BF2939	GNMA II	4.000	491,314	-
BF3050	GNMA II	4.500	1,341,407	294,100
Subtotal			4,861,057	1,623,689
MBS Participation Interest (23.8%)			1,156,932	386,438

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 26.6428% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2488	GNMA II	4.000 %	$ 2,892,334	$ 965,367
Subtotal			2,892,334	965,367
MBS Participation Interest (60.000%)			1,735,400	579,220

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (24.9962% of the principal payments and 0% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32327	FHLMC	4.500 %	$ 221,504	$ 202,708
B32350	FHLMC	5.000	336,447	-
B32362	FHLMC	5.000	203,253	-
BK8971	FNMA	4.500	420,812	166,942
BK8972	FNMA	4.500	527,447	307,829
BK9342	FNMA	4.500	507,214	271,263
BN0265	FNMA	5.000	930,657	692,819
Subtotal			3,147,332	1,641,560
MBS Participation Interest (24.9962%)			786,713	410,328

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 25.5425% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2613	GNMA II	4.000 %	$ 1,966,784	$ 739,152
Subtotal			1,966,784	739,152
MBS Participation Interest (60.000%)			1,180,070	443,491

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (39.9976% of the principal payments and 0% of the interest payments paid to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB3882	GNMA	3.500 %	$ 2,433,820	$ 638,689
BF3126	GNMA II	4.000	1,969,609	1,021,018
BI5933	GNMA II	4.000	5,053,923	2,766,804
BI6182	GNMA II	4.000	3,449,985	1,374,667
BI6183	GNMA II	4.000	3,382,053	1,376,757
BI6070	GNMA II	4.500	5,213,371	2,241,560
BI6184	GNMA II	4.500	3,474,491	1,512,342
BI6185	GNMA II	4.500	4,381,919	1,359,142
BI6186	GNMA II	4.500	5,013,250	2,247,380
Subtotal			34,372,422	14,538,358
MBS Participation Interest (39.9976%)			13,748,144	5,814,994

MINNESOTA HOUSING

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities
(60.000% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to18ABCD)

Pool Number	Pool Type	Pass-Through Interest		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
BF2177	GNMA	3.500	%	29.5335	%	$	1,004,344	$	919,117
BF2171	GNMA	3.500		29.5335			1,788,664		1,081,779
BF2378	GNMA	3.500		29.5335			4,114,255		1,009,362
BF2493	GNMA II	4.000		25.5425			616,883		160,743
BF2615	GNMA II	4.000		25.5425			3,662,418		1,380,265
BF2934	GNMA II	4.000		25.5425			4,891,882		1,967,961
BF2935	GNMA II	4.000		25.5425			6,042,297		598,178
BF2617	GNMA II	4.500		24.2974			3,369,519		740,949
BF2936	GNMA II	4.500		24.2227			4,492,876		892,472
BF2937	GNMA II	4.500		24.5703			4,387,315		874,330
Subtotal							34,370,453		9,625,157
MBS Participation Interest (60.000%)							20,622,272		5,775,094
2018 ABCD Total						$	129,398,249	$	41,756,109

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2018 EFGH

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BJ1726	FNMA	3.500	%	$	315,572	$ 175,172
BU7364	FNMA	3.000			3,808,684	3,740,959
BJ5397	FNMA	3.500			433,588	376,451
BJ5398	FNMA	3.500			445,687	91,188
BJ8217	FNMA	3.500			506,477	382,094
BJ5233	FNMA	3.500			149,889	138,750
BK4081	FNMA	4.000			256,835	100,534
BK4080	FNMA	4.000			381,469	241,534
BK7003	FNMA	4.000			505,809	-
BK8963	FNMA	4.000			4,291,720	1,141,037
BK8037	FNMA	4.000			1,000,675	503,305
BK9990	FNMA	4.000			149,776	-
BK9992	FNMA	4.000			154,145	-
BN0259	FNMA	4.000			245,655	229,166
BK8044	FNMA	4.500			457,447	284,490
BK7005	FNMA	4.500			204,837	116,630
BK8046	FNMA	4.500			565,390	305,421
BK9339	FNMA	4.500			437,996	-
BK9341	FNMA	4.500			502,441	133,185
BK9994	FNMA	4.500			1,646,268	774,704
BK9997	FNMA	4.500			127,747	-
BN0264	FNMA	4.500			5,484,630	1,266,910
Q58620	FHLMC	4.500			1,178,359	826,296
Q58602	FHLMC	4.500			1,111,370	292,098
Q58603	FHLMC	4.500			1,063,623	-
BN0268	FNMA	4.500			398,255	165,892
BN0269	FNMA	4.500			347,438	-

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2018 EFGH, continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BK9999	FNMA	4.500	%	$ 1,381,013		$ 546,484
BN0000	FNMA	4.500		1,953,327		913,787
BN0001	FNMA	4.500		4,323,173		1,371,752
BN1399	FNMA	4.500		1,484,027		1,133,955
BN1817	FNMA	4.500		3,769,726		1,793,647
BN1818	FNMA	4.500		3,545,557		1,031,499
BN1819	FNMA	4.500		4,488,989		1,569,515
BN1820	FNMA	4.500		6,659,459		1,466,262
BN1822	FNMA	4.500		487,649		171,203
BN2708	FNMA	4.500		3,782,211		888,563
Q59693	FHLMC	4.500		1,055,496		610,296
Q59698	FHLMC	4.500		1,623,029		522,466
BN0270	FNMA	5.000		152,724		-
BN1821	FNMA	5.000		858,456		151,162
B32379	FHLMC	5.000		499,974		469,461
BN2709	FNMA	5.000		1,116,372		747,254
BN2710	FNMA	5.000		1,550,673		410,951
B32393	FHLMC	5.000		180,589		-
B32364	FHLMC	4.500		460,803		96,188
BB3454	GNMA II	3.500		335,283		-
BB3460	GNMA II	3.500		505,269		-
BB3801	GNMA II	3.500		451,312		414,039

MINNESOTA HOUSING

2018 EFGH, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB3802	GNMA II	3.500 %	$ 429,691	$ 96,492
BF2383	GNMA II	3.500	466,053	202,692
BF2385	GNMA II	4.000	563,784	521,269
BI6065	GNMA II	4.000	2,544,854	1,107,105
BI6066	GNMA II	4.000	5,879,906	1,620,527
BF2623	GNMA II	4.500	463,185	-
BF3057	GNMA II	4.500	420,914	-
CE3346	GNMA II	2.500	409,013	400,594
BF3059	GNMA II	4.500	479,902	306,646
BI6069	GNMA II	4.500	4,157,487	770,318
BI6293	GNMA II	4.000	3,463,322	1,177,892
Subtotal			86,115,008	31,797,835

MINNESOTA HOUSING

2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities (60.0024% of the principal payments and 100% of the interest payments paid to18EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BB3882	GNMA	3.500	%	$ 2,433,820	$	638,689
BF3126	GNMA II	4.000		1,969,609		1,021,018
BI5933	GNMA II	4.000		5,053,923		2,766,804
BI6182	GNMA II	4.000		3,449,985		1,374,667
BI6183	GNMA II	4.000		3,382,053		1,376,757
BI6070	GNMA II	4.500		5,213,371		2,241,560
BI6184	GNMA II	4.500		3,474,491		1,512,342
BI6185	GNMA II	4.500		4,381,919		1,359,142
BI6186	GNMA II	4.500		5,013,250		2,247,380
Subtotal				34,372,422		14,538,358
MBS Participation Interest (60.0024%)				20,624,278		8,723,364

2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities
(40.000% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 18EFGH)

Pool Number	Pool Type	Pass-Through		Interest Participation		Principal Amount At Acquisition	Principal Amount Outstanding
BF2177	GNMA	3.500	%	70.4665	%	$ 1,004,344	$ 919,117
BF2171	GNMA	3.500		70.4665		1,788,664	1,081,779
BF2378	GNMA	3.500		70.4665		4,114,255	1,009,362
BF2493	GNMA II	4.000		74.4575		616,883	160,743
BF2615	GNMA II	4.000		74.4575		3,662,418	1,380,265
BF2934	GNMA II	4.000		74.4575		4,891,882	1,967,961
BF2935	GNMA II	4.000		74.4575		6,042,297	598,178
BF2617	GNMA II	4.500		75.7026		3,369,519	740,949
BF2936	GNMA II	4.500		75.7773		4,492,876	892,472
BF2937	GNMA II	4.500		75.4297		4,387,315	874,330
Subtotal						34,370,453	9,625,157
MBS Participation Interest (40.000%)						13,748,181	3,850,063

2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities (37.5225% of the principal payments and 0% of the interest payments paid to18EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BN3059	FNMA	4.500	%	$ 3,011,057	$ 973,741
BN6774	FNMA	4.500		5,494,643	1,667,990
BN6775	FNMA	5.000		1,631,285	682,096
BN6776	FNMA	5.000		2,366,006	558,928
BN7977	FNMA	4.500		2,510,326	1,550,530
BN7978	FNMA	4.500		4,831,213	1,174,501
BN7979	FNMA	5.000		1,470,746	568,935
BI6439	GNMA II	5.500		204,132	-
BI6444	GNMA II	4.500		733,471	187,670
BI6679	GNMA II	5.000		642,179	196,681
BI6808	GNMA II	4.500		3,689,956	750,284
BI6814	GNMA II	5.000		3,025,576	1,087,009
BI6916	GNMA II	4.000		5,454,249	1,557,509
Subtotal				35,064,841	10,955,874
MBS Participation Interest (37.5225%)				13,157,205	4,110,918

2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities
(61.6491% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 18EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation		Principal Amount At Acquisition	Principal Amount Outstanding
BN0005	FNMA	4.500 %	26.0429	%	$ 1,780,150	$ 1,078,532
BN0006	FNMA	4.500	26.1354		3,398,242	1,355,314
BN0007	FNMA	4.500	25.9282		1,831,086	862,429
BN0008	FNMA	4.500	26.0567		5,305,274	2,228,084
BN2703	FNMA	4.500	28.3402		1,632,556	1,051,644
BN2704	FNMA	4.500	28.2477		5,479,448	2,000,284
BN2705	FNMA	4.500	28.3949		5,171,051	2,276,420
BN2706	FNMA	4.500	28.6269		5,773,544	1,388,545
BN2707	FNMA	4.500	28.4498		3,936,068	773,998
Subtotal					34,307,418	13,015,250
MBS Participation Interest (61.6491%)					21,150,214	8,023,784
2018 EFGH Total					$ 145,748,600	$ 56,505,964

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2019 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32380	FHLMC	5.000 %	$ 133,578	$ -
B32409	FHLMC	5.000	167,768	-
B32429	FHLMC	5.000	633,910	270,456
B32430	FHLMC	5.500	120,678	-
B32431	FHLMC	4.500	166,861	-
B32457	FHLMC	5.000	439,982	286,544
B32478	FHLMC	5.000	461,486	35,167
Q60966	FHLMC	4.500	1,434,087	527,431
Q61626	FHLMC	4.500	1,868,626	755,757
Q62157	FHLMC	4.500	1,082,490	-
BK0999	FNMA	4.000	742,290	546,532
BN0266	FNMA	4.500	514,281	189,728
BN1827	FNMA	4.500	588,005	184,384
BN2696	FNMA	4.500	581,292	405,357
BN2697	FNMA	4.500	432,672	81,836
BN2698	FNMA	4.500	298,817	54,115
BN3053	FNMA	4.500	3,788,834	1,913,486
BN3054	FNMA	5.000	1,619,709	442,884
BN3055	FNMA	4.500	170,906	-
BN3058	FNMA	4.500	1,206,008	519,354
BN3060	FNMA	5.000	199,234	-
BN3595	FNMA	4.500	493,748	148,731

MINNESOTA HOUSING

2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN4198	FNMA	4.500 %	$ 559,929	$ 242,280
BN4200	FNMA	5.000	465,131	-
BN4201	FNMA	5.000	398,151	-
BN4973	FNMA	5.500	183,545	-
BN4974	FNMA	4.500	552,714	521,657
BN4977	FNMA	4.500	407,639	182,027
BN6772	FNMA	4.500	3,442,305	1,777,227
BN6773	FNMA	4.500	1,954,207	556,187
BN6777	FNMA	5.500	226,272	-
BN7980	FNMA	4.500	511,672	-
BN8515	FNMA	5.000	279,489	263,500
BF3055	GNMA II	4.500	587,952	-
BI5941	GNMA II	4.500	250,111	147,614
BI6074	GNMA II	4.500	577,359	330,132
BI6192	GNMA II	4.500	422,666	77,454
BI6193	GNMA II	4.500	555,730	184,980
BI6194	GNMA II	4.500	754,141	112,016
BI6302	GNMA II	4.500	499,728	-
BI6303	GNMA II	4.500	691,814	214,444
BI6304	GNMA II	4.500	517,836	193,082
BI6305	GNMA II	4.500	614,940	-
BI6306	GNMA II	4.500	525,368	138,643
BI6441	GNMA II	4.500	563,518	333,144
BI6443	GNMA II	4.500	403,109	227,299
BI6675	GNMA II	4.500	577,661	199,093
BI6677	GNMA II	4.500	471,754	136,159

MINNESOTA HOUSING

2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BI6678	GNMA II	4.500 %	$ 441,433	$ 201,343
BI6809	GNMA II	4.500	4,067,041	1,079,035
BM1600	GNMA II	5.000	329,825	191,940
728666	GNMA II	4.250	60,135	52,271
743566	GNMA II	4.250	75,740	-
728516	GNMA II	4.625	2,558,611	1,127,569
728614	GNMA II	4.625	324,354	79,900
728262	GNMA II	4.875	185,487	120,834
728517	GNMA II	4.875	514,979	284,808
AC9191	FNMA	4.562	51,868	-
AC6444	FNMA	5.187	157,269	69,759
Subtotal			42,906,746	15,406,161

MINNESOTA HOUSING

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities
(50% of the principal payments and 0% of the interest payments paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
728515	GNMA II	4.500 %	$ 1,683,220	$ 373,163
728534	GNMA II	4.500	717,724	333,147
728613	GNMA II	4.500	973,189	443,578
728261	GNMA II	4.625	286,413	80,261
728535	GNMA II	4.625	405,656	96,527
728536	GNMA II	4.875	138,186	57,249
728519	GNMA II	5.125	309,561	-
735236	GNMA II	5.125	23,903	1,198
AC9166	FNMA	4.562	204,243	172,381
AC9177	FNMA	4.562	75,177	-
735540	GNMA II	4.500	1,458,394	340,523
743212	GNMA II	4.500	113,830	101,099
747576	GNMA II	4.500	190,437	88,807
747684	GNMA II	4.500	741,626	416,070
751069	GNMA II	4.500	399,623	129,724
751083	GNMA II	4.500	471,443	272,630
735284	GNMA II	4.625	295,041	114,578

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities
(50% of the principal payments and 0% of the interest payments paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
735439	GNMA II	4.625 %	$ 244,080	$ 103,299
747509	GNMA II	4.625	804,212	288,130
747822	GNMA II	4.625	430,039	151,118
735542	GNMA II	4.750	308,884	274,842
AD6803	FNMA	4.500	738	-
AD2660	FNMA	4.562	102,758	-
AD3417	FNMA	4.562	251,072	219,609
AD3424	FNMA	4.562	84,505	-
AD4234	FNMA	4.562	150,011	125,891
AD4246	FNMA	4.562	186,775	60,944
AD5863	FNMA	4.750	75,273	-
Subtotal			11,126,015	4,244,769
MBS Participation Interest (50%)			5,563,007	2,122,384

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (62.4775% of the principal payments and 100% of the interest payments paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BN3059	FNMA	4.500	%	$ 3,011,057		$ 973,741
BN6774	FNMA	4.500		5,494,643		1,667,990
BN6775	FNMA	5.000		1,631,285		682,096
BN6776	FNMA	5.000		2,366,006		558,928
BN7977	FNMA	4.500		2,510,326		1,550,530
BN7978	FNMA	4.500		4,831,213		1,174,501
BN7979	FNMA	5.000		1,470,746		568,935
BI6439	GNMA II	5.500		204,132		-
BI6444	GNMA II	4.500		733,471		187,670
BI6679	GNMA II	5.000		642,179		196,681
BI6808	GNMA II	4.500		3,689,956		750,284
BI6814	GNMA II	5.000		3,025,576		1,087,009
BI6916	GNMA II	4.000		5,454,249		1,557,509
Subtotal				35,064,841		10,955,874
MBS Participation Interest (62.4775%)				21,907,636		6,844,956

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (38.3509% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
BN0005	FNMA	4.500	%	73.9571	%	$	1,780,150	$	1,078,532
BN0006	FNMA	4.500		73.8646			3,398,242		1,355,314
BN0007	FNMA	4.500		74.0718			1,831,086		862,429
BN0008	FNMA	4.500		73.9433			5,305,274		2,228,084
BN2703	FNMA	4.500		71.6598			1,632,556		1,051,644
BN2704	FNMA	4.500		71.7523			5,479,448		2,000,284
BN2705	FNMA	4.500		71.6051			5,171,051		2,276,420
BN2706	FNMA	4.500		71.3731			5,773,544		1,388,545
BN2707	FNMA	4.500		71.5502			3,936,068		773,998
Subtotal							34,307,418		13,015,250
MBS Participation Interest (38.3509%)							13,157,203		4,991,465

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities
(81.2333% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
Q63202	FHLMC	5.000	%	25.9163	%	$	999,220	$	378,370
BN3056	FNMA	5.000		23.5406			199,272		188,938
BN4976	FNMA	4.500		26.2779			472,983		165,599
BN4978	FNMA	5.000		24.9371			301,296		41,145
BN8514	FNMA	4.500		24.3146			506,779		-
BN8517	FNMA	4.500		24.5941			3,208,270		1,257,828
BN8518	FNMA	4.500		24.5641			193,770		-
BN9777	FNMA	4.500		28.0301			3,866,449		1,503,977
BN9778	FNMA	4.500		28.0859			4,476,785		917,955
BN9779	FNMA	5.000		26.4402			2,065,363		858,283
BN9780	FNMA	5.000		26.1853			2,873,237		1,146,868
BF3054	GNMA II	4.000		30.5392			608,816		511,376
BI6072	GNMA II	4.000		30.5392			732,396		260,151
BI6189	GNMA II	4.000		30.5392			294,896		118,340
BI6301	GNMA II	4.000		30.5392			615,954		105,112
BI6433	GNMA II	4.000		30.5392			111,135		-
BI6436	GNMA II	4.500		28.1138			7,475,930		1,775,451
BI6634	GNMA II	4.000		30.5392			139,898		-
BI6671	GNMA II	4.500		28.0691			5,451,323		1,295,723
BI6674	GNMA II	4.000		30.5392			405,411		240,594
BI6676	GNMA II	4.500		27.8148			490,345		-

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities
(81.2333% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
BI6807	GNMA II	4.000 %	30.5392 %	$ 2,181,367	$ 472,495
BI6810	GNMA II	4.500	28.5976	3,661,437	352,671
BM1602	GNMA II	4.000	30.5392	622,567	228,118
BM1804	GNMA II	4.000	30.8729	3,915,099	1,019,561
BM1805	GNMA II	4.000	30.6652	4,103,922	1,986,974
Subtotal				49,973,919	14,825,529
MBS Participation Interest (81.2333%)				40,595,464	12,043,266

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities
(27.5% of the principal payments and 0% of the interest payments paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1901	GNMA II	4.500 %	$ 358,838	$ 161,866
BM2252	GNMA II	4.000	568,544	154,221
BM2255	GNMA II	4.000	525,577	-
BM2402	GNMA II	3.500	5,258,785	3,024,594
BM2403	GNMA II	3.500	5,777,875	2,714,789
BM2404	GNMA II	4.000	8,058,509	4,179,774
BM2406	GNMA II	4.000	6,307,005	2,969,992
BM2407	GNMA II	4.000	7,248,350	2,199,497
Subtotal			34,103,484	15,404,734
MBS Participation Interest (27.5%)			9,378,458	4,236,302

MINNESOTA HOUSING

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities
(62.4619% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
Q63201	FHLMC	4.500	%	28.1474	%	$	1,161,915	$	441,702
BI6680	GNMA II	5.000		26.5796			564,113		126,243
BI6811	GNMA II	4.500		28.7724			3,992,543		1,186,691
BI6812	GNMA II	4.500		28.2884			3,942,559		233,272
BI6813	GNMA II	5.000		26.6498			2,007,030		744,532
BI6815	GNMA II	4.500		28.2487			371,852		-
BI6816	GNMA II	4.500		28.2487			535,275		199,729
BI6817	GNMA II	4.500		27.5598			417,200		140,375
BI6818	GNMA II	4.500		27.5598			205,661		196,196
BI6917	GNMA II	4.500		29.1344			2,858,595		978,732
BM1599	GNMA II	4.500		28.9256			4,661,002		1,606,925
BM1603	GNMA II	4.500		29.7355			369,314		193,273
BM1808	GNMA II	4.500		29.0745			3,373,143		236,412
Subtotal							24,460,202		6,284,084
MBS Participation Interest (62.4619%)							15,278,307		3,925,158

2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities
(36.9565% of the principal payments and 0% of the interest payments paid to 19ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7179	GNMA II	3.500 %	$ 501,954	$ 160,709
BP7183	GNMA II	3.500	501,410	256,285
BP7762	GNMA II	3.000	3,707,053	2,366,677
BP7764	GNMA II	3.000	4,717,510	1,718,110
BP7891	GNMA II	3.000	5,185,709	2,667,394
BP7892	GNMA II	3.000	5,222,881	3,064,205
BP7896	GNMA II	3.000	5,006,649	2,748,183
Subtotal			24,843,167	12,981,563
MBS Participation Interest (36.9565%)			9,181,165	4,797,531
2019 ABCD Total			$ 157,967,986	$ 54,367,225

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2019 EFGH

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QA1910	FHLMC	4.000	%	$ 303,133	$ 286,156
QA2735	FHLMC	4.000		1,968,857	926,968
BN3047	FNMA	4.000		74,782	-
BO3443	FNMA	4.000		253,655	-
BO4852	FNMA	4.000		4,430,240	2,914,450
BM2401	GNMA II	3.500		4,182,373	1,731,428
BP7172	GNMA II	3.500		4,363,354	1,659,113
BP7173	GNMA II	3.500		4,263,395	1,488,924
BP7174	GNMA II	3.500		2,828,291	1,218,459
BM2114	GNMA II	4.000		484,043	222,365
QA1913	FHLMC	4.500		268,895	-
BK8969	FNMA	4.000		670,471	193,474
BN1825	FNMA	4.500		478,100	287,809
BN4975	FNMA	4.500		487,241	132,211
BN6958	FNMA	5.000		679,474	178,585
BN8521	FNMA	5.500		315,053	61,685
BN9782	FNMA	4.500		528,919	302,384
BO0886	FNMA	4.500		404,429	23,096
BO0887	FNMA	4.500		371,825	172,019
BO1727	FNMA	5.000		601,050	-
BO4858	FNMA	4.000		381,454	159,965
BO4859	FNMA	4.000		304,880	41,868
BO6569	FNMA	3.000		2,211,197	2,077,508
BO6571	FNMA	3.500		2,358,562	1,857,117
BO7189	FNMA	4.000		1,971,556	721,210
BM1810	GNMA II	4.000		422,609	-
BM2408	GNMA II	3.500		514,529	263,777
BP7484	GNMA II	3.000		1,342,876	1,090,651
Subtotal				$ 37,465,244	$ 18,011,224

2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities
(72.5% of the principal payments and 100% of the interest payments paid to 19EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1901	GNMA II	4.500 %	$ 358,838	$ 161,866
BM2252	GNMA II	4.000	568,544	154,221
BM2255	GNMA II	4.000	525,577	-
BM2402	GNMA II	3.500	5,258,785	3,024,594
BM2403	GNMA II	3.500	5,777,875	2,714,789
BM2404	GNMA II	4.000	8,058,509	4,179,774
BM2406	GNMA II	4.000	6,307,005	2,969,992
BM2407	GNMA II	4.000	7,248,350	2,199,497
Subtotal			34,103,484	15,404,734
MBS Participation Interest (72.5%)			24,725,026	11,168,432

2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities
(18.7667% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
Q63202	FHLMC	5.000	%	74.0837	%	$	999,220	$	378,370
BN3056	FNMA	5.000		76.4594			199,272		188,938
BN4976	FNMA	4.500		73.7221			472,983		165,599
BN4978	FNMA	5.000		75.0629			301,296		41,145
BN8514	FNMA	4.500		75.6854			506,779		-
BN8517	FNMA	4.500		75.4059			3,208,270		1,257,828
BN8518	FNMA	4.500		75.4359			193,770		-
BN9777	FNMA	4.500		71.9699			3,866,449		1,503,977
BN9778	FNMA	4.500		71.9141			4,476,785		917,955
BN9779	FNMA	5.000		73.5598			2,065,363		858,283
BN9780	FNMA	5.000		73.8147			2,873,237		1,146,868
BF3054	GNMA II	4.000		69.4608			608,816		511,376
BI6072	GNMA II	4.000		69.4608			732,396		260,151
BI6189	GNMA II	4.000		69.4608			294,896		118,340
BI6301	GNMA II	4.000		69.4608			615,954		105,112
BI6433	GNMA II	4.000		69.4608			111,135		-
BI6436	GNMA II	4.500		71.8862			7,475,930		1,775,451
BI6634	GNMA II	4.000		69.4608			139,898		-
BI6671	GNMA II	4.500		71.9309			5,451,323		1,295,723
BI6674	GNMA II	4.000		69.4608			405,411		240,594
BI6676	GNMA II	4.500		72.1852			490,345		-

2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities
(18.7667% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to 19EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
BI6807	GNMA II	4.000	%	69.4608	%	$	2,181,367	$	472,495
BI6810	GNMA II	4.500		71.4024			3,661,437		352,671
BM1602	GNMA II	4.000		69.4608			622,567		228,118
BM1804	GNMA II	4.000		69.1271			3,915,099		1,019,561
BM1805	GNMA II	4.000		69.3348			4,103,922		1,986,974
Subtotal							49,973,919		14,825,529
MBS Participation Interest (18.7667%)							9,378,456		2,782,263

MINNESOTA HOUSING

2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities
(49.5838% of the principal payments and 100% of the interest payments paid to 19EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7495	GNMA II	3.500 %	$ 4,930,513	$ 2,570,085
Subtotal			4,930,513	2,570,085
MBS Participation Interest (49.5838%)			2,444,736	1,274,346

2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities
(72.5% of the principal payments and 100% of the interest payments paid to 19EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7169	GNMA II	3.000 %	$ 658,663	$ 328,154
BM2112	GNMA II	4.000	543,398	-
BM2405	GNMA II	4.000	7,687,885	2,224,430
Subtotal			8,889,945	2,552,584
MBS Participation Interest (72.5%)			6,445,210	1,850,623

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities
(86.2495% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
BO3438	FNMA	4.000 %	44.2282 %	$ 5,664,748	$ 2,756,175
BO4853	FNMA	4.000	45.1211	6,876,128	3,526,637
BO5818	FNMA	3.500	53.6400	2,332,658	1,262,520
BO5819	FNMA	3.500	53.6400	4,389,795	3,147,365
BO5820	FNMA	3.500	50.2875	6,412,610	3,935,394
BO6570	FNMA	3.500	48.7636	4,778,189	3,892,987
BO6573	FNMA	3.500	46.8444	4,103,832	2,360,960
BP7170	GNMA II	3.500	47.3294	5,227,704	2,282,340
BP7171	GNMA II	3.500	45.9771	6,595,450	2,473,846
BP7175	GNMA II	3.500	45.9771	5,206,743	2,416,150
BP7176	GNMA II	3.500	48.1912	3,997,499	963,270
BP7177	GNMA II	4.000	45.9771	4,343,608	1,666,312
BP7485	GNMA II	3.000	57.4714	5,057,993	1,888,830
BP7486	GNMA II	3.000	55.4897	4,400,764	2,728,833
BP7487	GNMA II	3.000	55.4897	4,973,008	2,514,269
BP7488	GNMA II	3.000	53.6400	3,927,097	1,990,929
BP7489	GNMA II	3.000	53.6400	5,716,791	3,314,988
BP7490	GNMA II	3.000	53.6400	5,205,605	2,846,008
BP7611	GNMA II	3.000	59.7771	4,867,043	2,872,549
BP7612	GNMA II	3.000	57.4714	5,798,572	2,582,298
BP7613	GNMA II	3.000	55.4897	3,903,197	1,723,232
BP7614	GNMA II	3.000	55.4897	3,266,064	2,214,306
BP7615	GNMA II	3.000	55.4897	4,927,016	1,649,217
BP7616	GNMA II	3.000	53.6400	3,494,434	1,819,349
BP7617	GNMA II	3.000	53.6400	3,654,935	1,335,066
Subtotal				119,121,483	60,163,831
MBS Participation Interest (86.2495%)				102,741,684	51,891,004

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities
(36.9565% of the principal payments and 0% of the interest payments paid to 19EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1902	GNMA II	4.500 %	$ 452,667	$ 153,888
BM2412	GNMA II	4.000	721,899	682,573
BM2415	GNMA II	4.000	590,441	379,300
BM2416	GNMA II	4.000	677,719	-
BP7491	GNMA II	3.500	3,130,718	1,675,469
BP7494	GNMA II	3.500	5,088,851	2,668,000
BP7618	GNMA II	3.500	6,022,494	2,571,033
BP7765	GNMA II	3.500	4,652,140	1,766,940
BP7893	GNMA II	3.000	5,508,820	3,277,184
BP7894	GNMA II	3.000	4,313,430	1,808,607
BP7895	GNMA II	3.000	5,138,194	2,734,957
BP7897	GNMA II	3.000	5,134,485	2,633,015
BP7898	GNMA II	3.500	2,890,030	1,351,095
Subtotal			44,321,888	21,702,062
MBS Participation Interest (36.9565%)			16,379,819	8,020,323
2019 EFGH Total			$ 199,580,174	$ 94,998,214

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 ABC

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
QA4553	FHLMC	3.000	%	$	633,422	$ 433,252
QA4556	FHLMC	3.500			107,459	-
QA5422	FHLMC	4.000			131,301	124,900
BO6578	FNMA	3.500			495,306	467,748
BO6581	FNMA	4.000			684,198	405,754
BO7188	FNMA	3.500			188,617	179,445
BO7190	FNMA	4.500			766,677	511,976
BO7192	FNMA	3.500			630,385	424,965
BO7194	FNMA	4.500			188,180	180,141
BO7195	FNMA	4.000			270,285	-
BO7197	FNMA	4.000			123,106	114,779
BO7199	FNMA	3.500			755,886	587,548
BO7200	FNMA	4.500			188,276	180,201
BO8213	FNMA	3.000			136,790	128,653
BO8216	FNMA	3.000			289,469	273,324
BO8219	FNMA	3.500			242,335	230,608
BO8220	FNMA	4.000			704,363	468,249
BO8221	FNMA	4.500			247,421	-
BO8225	FNMA	3.500			354,427	334,319

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 ABC, continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BO9956	FNMA	3.000	%	$ 464,246	$ -
BO9958	FNMA	3.500		353,367	333,613
BO9959	FNMA	4.000		648,706	399,403
BP0746	FNMA	4.000		227,468	-
BP0834	FNMA	4.000		191,778	182,595
BM2409	GNMA II	3.500		556,972	-
BP7180	GNMA II	3.500		553,495	522,431
BP7181	GNMA II	3.500		572,191	182,948
BP7496	GNMA II	3.000		636,289	365,651
BP7497	GNMA II	3.000		497,257	165,799
BP7499	GNMA II	3.500		858,793	199,732
BP7621	GNMA II	3.000		687,393	239,753
BP7756	GNMA II	2.500		276,590	259,158
BP7757	GNMA II	3.000		2,215,262	1,120,130
BP7758	GNMA II	3.000		5,362,018	3,243,755
BP7760	GNMA II	3.000		4,835,832	2,447,387
BP7761	GNMA II	3.000		3,755,922	1,270,024
BP7763	GNMA II	3.000		4,437,125	2,933,368
BP7890	GNMA II	2.500		161,721	151,572
Subtotal				34,430,329	19,063,180

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(63.0435% of the principal payments and 100% of the interest payments paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7179	GNMA II	3.500 %	$ 501,954	$ 160,709
BP7183	GNMA II	3.500	501,410	256,285
BP7762	GNMA II	3.000	3,707,053	2,366,677
BP7764	GNMA II	3.000	4,717,510	1,718,110
BP7891	GNMA II	3.000	5,185,709	2,667,394
BP7892	GNMA II	3.000	5,222,881	3,064,205
BP7896	GNMA II	3.000	5,006,649	2,748,183
Subtotal			24,843,167	12,981,563
MBS Participation Interest (63.0435%)			15,662,002	8,184,032

MINNESOTA HOUSING

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(37.5381% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
Q63201	FHLMC	4.500	%	71.8526	%	$	1,161,915	$	441,702
BI6680	GNMA II	5.000		73.4204			564,113		126,243
BI6811	GNMA II	4.500		71.2276			3,992,543		1,186,691
BI6812	GNMA II	4.500		71.7116			3,942,559		233,272
BI6813	GNMA II	5.000		73.3502			2,007,030		744,532
BI6815	GNMA II	4.500		71.7513			371,852		-
BI6816	GNMA II	4.500		71.7513			535,275		199,729
BI6817	GNMA II	4.500		72.4402			417,200		140,375
BI6818	GNMA II	4.500		72.4402			205,661		196,196
BI6917	GNMA II	4.500		70.8656			2,858,595		978,732
BM1599	GNMA II	4.500		71.0744			4,661,002		1,606,925
BM1603	GNMA II	4.500		70.2645			369,314		193,273
BM1808	GNMA II	4.500		70.9255			3,373,143		236,412
Subtotal							24,460,202		6,284,084
MBS Participation Interest (37.5381%)							9,181,895		2,358,926

MINNESOTA HOUSING

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(63.0435% of the principal payments and 100% of the interest payments paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1902	GNMA II	4.500 %	$ 452,667	$ 153,888
BM2412	GNMA II	4.000	721,899	682,573
BM2415	GNMA II	4.000	590,441	379,300
BM2416	GNMA II	4.000	677,719	-
BP7491	GNMA II	3.500	3,130,718	1,675,469
BP7494	GNMA II	3.500	5,088,851	2,668,000
BP7618	GNMA II	3.500	6,022,494	2,571,033
BP7765	GNMA II	3.500	4,652,140	1,766,940
BP7893	GNMA II	3.000	5,508,820	3,277,184
BP7894	GNMA II	3.000	4,313,430	1,808,607
BP7895	GNMA II	3.000	5,138,194	2,734,957
BP7897	GNMA II	3.000	5,134,485	2,633,015
BP7898	GNMA II	3.500	2,890,030	1,351,095
Subtotal			44,321,888	21,702,062
MBS Participation Interest (63.0435%)			27,942,070	13,681,740

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(13.7505% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
BO3438	FNMA	4.000	%	55.7718	%	$	5,664,748	$	2,756,175
BO4853	FNMA	4.000		54.8789			6,876,128		3,526,637
BO5818	FNMA	3.500		46.3600			2,332,658		1,262,520
BO5819	FNMA	3.500		46.3600			4,389,795		3,147,365
BO5820	FNMA	3.500		49.7125			6,412,610		3,935,394
BO6570	FNMA	3.500		51.2364			4,778,189		3,892,987
BO6573	FNMA	3.500		53.1556			4,103,832		2,360,960
BP7170	GNMA II	3.500		52.6706			5,227,704		2,282,340
BP7171	GNMA II	3.500		54.0229			6,595,450		2,473,846
BP7175	GNMA II	3.500		54.0229			5,206,743		2,416,150
BP7176	GNMA II	3.500		51.8088			3,997,499		963,270
BP7177	GNMA II	4.000		54.0229			4,343,608		1,666,312
BP7485	GNMA II	3.000		42.5286			5,057,993		1,888,830
BP7486	GNMA II	3.000		44.5103			4,400,764		2,728,833
BP7487	GNMA II	3.000		44.5103			4,973,008		2,514,269
BP7488	GNMA II	3.000		46.3600			3,927,097		1,990,929
BP7489	GNMA II	3.000		46.3600			5,716,791		3,314,988
BP7490	GNMA II	3.000		46.3600			5,205,605		2,846,008

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(13.7505% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
BP7611	GNMA II	3.000	%	40.2229	%	$	4,867,043	$	2,872,549
BP7612	GNMA II	3.000		42.5286			5,798,572		2,582,298
BP7613	GNMA II	3.000		44.5103			3,903,197		1,723,232
BP7614	GNMA II	3.000		44.5103			3,266,064		2,214,306
BP7615	GNMA II	3.000		44.5103			4,927,016		1,649,217
BP7616	GNMA II	3.000		46.3600			3,494,434		1,819,349
BP7617	GNMA II	3.000		46.3600			3,654,935		1,335,066
Subtotal							119,121,483		60,163,831
MBS Participation Interest (13.7505%)							16,379,800		8,272,828

MINNESOTA HOUSING

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(63.25% of the principal payments and 29.5639% of the interest payments paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BO9957	FNMA	3.500 %	$ 4,503,362	$ 3,003,364
Subtotal			4,503,362	3,003,364
MBS Participation Interest (63.25%)			2,848,376	1,899,628

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(16.0775% of the principal payments and 0% of the interest payments paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA7125	FHLMC	3.500 %	$ 440,286	$ 419,385
BN8532	FNMA	5.000	417,062	189,007
BO7198	FNMA	3.500	403,835	221,481
BP2646	FNMA	3.000	3,370,424	2,449,664
BP2649	FNMA	3.000	373,213	354,538
BP7905	GNMA II	3.500	598,031	410,838
BT3746	GNMA II	3.000	4,639,013	2,996,289
Subtotal			10,241,864	7,041,201
MBS Participation Interest (16.0775%)			1,646,636	1,132,049

MINNESOTA HOUSING

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(81.5217% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
QA5417	FHLMC	3.000 %	32.0612 %	$ 4,963,964	$ 3,406,039
QA5421	FHLMC	3.500	29.5785	1,792,071	1,244,559
QA6206	FHLMC	3.000	31.8732	3,016,809	2,244,227
QA6207	FHLMC	3.000	31.6621	5,416,920	3,420,058
QA6255	FHLMC	3.500	29.3678	2,592,170	1,801,203
QA6257	FHLMC	3.000	31.8817	558,144	526,711
QA7122	FHLMC	3.000	31.7800	5,970,011	4,239,415
QA7123	FHLMC	3.500	28.9833	2,382,287	947,039
BO7193	FNMA	4.000	24.5546	1,436,109	697,237
BO7196	FNMA	3.500	26.2992	1,754,125	1,232,048
BO8214	FNMA	3.000	32.9810	5,099,585	4,212,121
BO8215	FNMA	3.000	31.6286	4,881,636	3,636,680
BO8217	FNMA	3.500	29.8891	2,190,509	1,700,158
BO8218	FNMA	3.500	28.4184	3,141,809	2,409,885
BO8222	FNMA	3.000	32.8181	510,984	483,288
BO9953	FNMA	3.000	32.9810	4,070,385	3,131,633
BO9954	FNMA	3.000	31.8817	4,769,335	3,836,727
BO9955	FNMA	3.000	31.3796	4,740,078	3,251,141
BP0831	FNMA	3.000	31.9498	5,799,743	4,414,499
BP0832	FNMA	3.000	31.7715	5,734,052	3,479,674
BP0833	FNMA	3.500	29.0750	5,294,620	2,925,508

2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities
(81.5217% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
BP7759	GNMA II	3.000 %	35.4241 %	$ 5,657,679	$ 3,593,056
BP8039	GNMA II	2.500	43.4750	222,337	-
BP8040	GNMA II	3.000	36.7865	3,585,367	2,046,812
BP8041	GNMA II	3.000	35.4241	4,342,704	3,016,287
BP8042	GNMA II	3.000	35.4241	4,200,423	3,083,987
BP8043	GNMA II	3.000	35.4241	3,828,264	1,705,307
BP8044	GNMA II	3.000	35.4241	2,831,386	1,800,474
BP8045	GNMA II	3.000	34.1589	3,858,728	1,710,761
BP8046	GNMA II	3.000	33.1273	4,045,499	1,925,368
BP8047	GNMA II	3.000	32.9810	4,070,190	2,386,587
BP8048	GNMA II	3.000	32.9810	3,789,660	2,515,853
BP8049	GNMA II	3.000	32.9810	4,607,526	2,261,149
BP8050	GNMA II	3.500	31.8817	1,064,143	657,527
Subtotal				122,219,250	79,943,017
MBS Participation Interest (81.5217%)				99,635,210	65,170,906

MINNESOTA HOUSING

2020 ABC, continued

20ABCParticipation Interest in the following Mortgage-Backed Securities
(50.00% of the principal payments and 0% of the interest payments paid to 20ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA9595	FHLMC	3.000 %	$ 4,903,044	$ 3,702,788
QA9597	FHLMC	3.500	227,282.03	-
BO5830	FNMA	4.000	235,817.45	85,579
BO7204	FNMA	4.000	505,649.37	481,285
BP5073	FNMA	3.000	4,466,349.66	3,637,820
BP5074	FNMA	3.000	3,642,878.81	3,036,035
BP5075	FNMA	3.500	4,211,437.69	3,705,071
BP5076	FNMA	4.000	304,797.34	239,573
BP5077	FNMA	3.500	836,148.78	645,806
BT3754	GNMA II	3.000	630,154.64	397,241
BT3755	GNMA II	3.000	547,221.00	378,659
BT4005	GNMA II	2.750	3,701,430.53	2,003,186
BT4006	GNMA II	2.875	1,614,658.24	998,254
BT4007	GNMA II	3.000	4,109,944.07	2,870,245
BT4008	GNMA II	3.125	4,554,961.71	2,782,155
BT4009	GNMA II	3.125	5,191,723.96	3,259,630
BT4010	GNMA II	3.250	1,757,706.51	1,460,363
BT4011	GNMA II	3.375	3,272,882.19	2,196,502
Subtotal			44,714,087	31,880,192
MBS Participation Interest (50.00%)			22,357,044	15,940,096
2020 ABC Total			$ 230,083,361	$ 135,703,383

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 DE

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QA7126	FHLMC	4.000	%	$ 173,468	$ -
QA8096	FHLMC	3.000		168,718	160,457
QA8946	FHLMC	3.000		622,514	411,147
QA8947	FHLMC	3.500		512,920	154,767
QA9596	FHLMC	3.500		2,024,808	1,389,917
QB1278	FHLMC	3.000		3,338,735	2,459,743
BO7203	FNMA	3.500		208,243	198,550
BO8224	FNMA	3.000		443,371	421,335
BO9961	FNMA	3.000		276,769	263,927
BP2651	FNMA	3.000		245,480	231,779
BP2653	FNMA	3.500		416,185	177,191
B06582	FNMA	4.500		262,334	-
BP8314	FNMA	3.000		5,416,989	4,202,731
BP7498	GNMA II	3.500		673,693	381,178
BP7500	GNMA II	3.500		668,089	390,879
BP7622	GNMA II	3.000		546,041	202,450
BP7903	GNMA II	3.000		765,583	353,862
BP8052	GNMA II	3.000		655,964	397,425
BP8054	GNMA II	3.000		741,798	511,174
BP8057	GNMA II	3.000		570,324	401,475
BP8096	GNMA II	3.000		417,184	182,619
BT3752	GNMA II	2.500		415,881	-
BT4012	GNMA II	3.500		3,237,850	1,479,237
BP7626	GNMA II	4.000		453,755	-
Subtotal				23,256,697	14,371,841

MINNESOTA HOUSING

2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(50.00% of the principal payments and 100% of the interest payments paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA9595	FHLMC	3.000 %	$ 4,903,044	$ 3,702,788
QA9597	FHLMC	3.500	227,282.03	-
BO5830	FNMA	4.000	235,817.45	85,579
BO7204	FNMA	4.000	505,649.37	481,285
BP5073	FNMA	3.000	4,466,349.66	3,637,820
BP5074	FNMA	3.000	3,642,878.81	3,036,035
BP5075	FNMA	3.500	4,211,437.69	3,705,071
BP5076	FNMA	4.000	304,797.34	239,573
BP5077	FNMA	3.500	836,148.78	645,806
BT3754	GNMA II	3.000	630,154.64	397,241
BT3755	GNMA II	3.000	547,221.00	378,659
BT4005	GNMA II	2.750	3,701,430.53	2,003,186
BT4006	GNMA II	2.875	1,614,658.24	998,254
BT4007	GNMA II	3.000	4,109,944.07	2,870,245
BT4008	GNMA II	3.125	4,554,961.71	2,782,155
BT4009	GNMA II	3.125	5,191,723.96	3,259,630
BT4010	GNMA II	3.250	1,757,706.51	1,460,363
BT4011	GNMA II	3.375	3,272,882.19	2,196,502
Subtotal			44,714,087	31,880,192
MBS Participation Interest (50.00%)			22,357,044	15,940,096

MINNESOTA HOUSING

2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(18.4783% of the principal payments and the percentage of the interest payments shown
for each MBS in the table below paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
QA5417	FHLMC	3.000 %	67.9388 %	$ 4,963,964	$ 3,406,039
QA5421	FHLMC	3.500	70.4215	1,792,071	1,244,559
QA6206	FHLMC	3.000	68.1268	3,016,809	2,244,227
QA6207	FHLMC	3.000	68.3379	5,416,920	3,420,058
QA6255	FHLMC	3.500	70.6322	2,592,170	1,801,203
QA6257	FHLMC	3.000	68.1183	558,144	526,711
QA7122	FHLMC	3.000	68.2200	5,970,011	4,239,415
QA7123	FHLMC	3.500	71.0167	2,382,287	947,039
BO7193	FNMA	4.000	75.4454	1,436,109	697,237
BO7196	FNMA	3.500	73.7008	1,754,125	1,232,048
BO8214	FNMA	3.000	67.0190	5,099,585	4,212,121
BO8215	FNMA	3.000	68.3714	4,881,636	3,636,680
BO8217	FNMA	3.500	70.1109	2,190,509	1,700,158
BO8218	FNMA	3.500	71.5816	3,141,809	2,409,885
BO8222	FNMA	3.000	67.1819	510,984	483,288
BO9953	FNMA	3.000	67.0190	4,070,385	3,131,633
BO9954	FNMA	3.000	68.1183	4,769,335	3,836,727
BO9955	FNMA	3.000	68.6204	4,740,078	3,251,141
BP0831	FNMA	3.000	68.0502	5,799,743	4,414,499
BP0832	FNMA	3.000	68.2285	5,734,052	3,479,674
BP0833	FNMA	3.500	70.9250	5,294,620	2,925,508

2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(18.4783% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
BP7759	GNMA II	3.000	%	64.5759	%	$	5,657,679	$	3,593,056
BP8039	GNMA II	2.500		56.5250			222,337		-
BP8040	GNMA II	3.000		63.2135			3,585,367		2,046,812
BP8041	GNMA II	3.000		64.5759			4,342,704		3,016,287
BP8042	GNMA II	3.000		64.5759			4,200,423		3,083,987
BP8043	GNMA II	3.000		64.5759			3,828,264		1,705,307
BP8044	GNMA II	3.000		64.5759			2,831,386		1,800,474
BP8045	GNMA II	3.000		65.8411			3,858,728		1,710,761
BP8046	GNMA II	3.000		66.8727			4,045,499		1,925,368
BP8047	GNMA II	3.000		67.0190			4,070,190		2,386,587
BP8048	GNMA II	3.000		67.0190			3,789,660		2,515,853
BP8049	GNMA II	3.000		67.0190			4,607,526		2,261,149
BP8050	GNMA II	3.500		68.1183			1,064,143		657,527
Subtotal							122,219,250		79,943,017
MBS Participation Interest (18.4783%)							22,584,040		14,772,110

2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(75.0121% of the principal payments and 0% of the interest payments paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA9599	FHLMC	3.500 %	$ 415,469	$ 398,175
QB0466	FHLMC	3.000	3,590,810	2,761,216
QB0467	FHLMC	3.500	1,488,966	1,272,406
QB0468	FHLMC	3.000	255,460	244,154
QB0469	FHLMC	3.500	624,060	363,261
BO7205	FNMA	3.500	419,533	210,875
BP2652	FNMA	3.500	422,773	304,710
BP5079	FNMA	3.000	517,180	493,982
BP5080	FNMA	3.500	364,941	289,200
BP6132	FNMA	3.000	3,207,075	2,823,387
BP6133	FNMA	3.000	4,295,002	3,664,353
BP6134	FNMA	3.000	2,956,020	2,600,883
BP6135	FNMA	3.500	3,046,163	2,705,244
BP6136	FNMA	3.500	3,345,900	2,190,206
BP6137	FNMA	3.000	682,222	263,480
BP6138	FNMA	3.500	394,900	186,354
BM2411	GNMA II	4.000	160,397	153,731
BP7501	GNMA II	3.500	928,756	662,448
BT3757	GNMA II	3.000	589,446	348,907

2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(75.0121% of the principal payments and 0% of the interest payments paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT4013	GNMA II	3.625 %	$ 1,755,282	$ 990,154
BT4014	GNMA II	2.500	505,376	305,012
BT4130	GNMA II	2.750	991,620	479,106
BT4131	GNMA II	2.875	642,556	466,760
BT4132	GNMA II	3.000	415,247	395,671
BT4133	GNMA II	3.125	5,087,041	3,310,482
BT4134	GNMA II	3.125	3,917,549	2,070,213
BT4135	GNMA II	3.125	4,782,777	3,359,547
BT4136	GNMA II	3.250	5,120,449	3,373,778
BT4137	GNMA II	3.375	5,803,893	3,781,058
BT4138	GNMA II	3.500	4,906,570	3,207,959
BT4264	GNMA II	3.500	4,258,342	1,946,420
Subtotal			65,891,776	45,623,133
MBS Participation Interest (75.0121%)			49,426,805	34,222,870

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(50.00% of the principal payments and 0% of the interest payments paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
QB2866	FHLMC	3.500	%	$ 2,018,211		$ 1,231,400
QB3599	FHLMC	3.500		2,631,029		2,508,946
BQ1757	FNMA	3.500		7,731,958		6,750,895
BQ1758	FNMA	3.500		1,811,749		1,733,285
BQ1832	FNMA	3.500		4,237,037		3,451,867
BQ1833	FNMA	3.500		6,402,583		5,500,320
BQ1834	FNMA	3.500		1,466,440		1,325,410
BQ1835	FNMA	3.500		345,263		329,581
BP8055	GNMA II	3.500		909,730		654,315
BT3756	GNMA II	3.500		644,319		255,536
BT4388	GNMA II	3.500		742,128		707,976
BT4567	GNMA II	3.500		3,348,891		2,080,225
BT4579	GNMA II	3.500		640,631		611,720
Subtotal				32,929,970		27,141,477
MBS Participation Interest (50.00%)				16,464,985		13,570,739

2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(66.6567% of the principal payments and 0% of the interest payments paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QB1279	FHLMC	3.500	%	$ 1,214,199	$ 1,164,222
QB1280	FHLMC	3.000		339,435	325,222
BO5832	FNMA	4.000		363,108	350,213
BP6139	FNMA	3.000		454,059	415,851
BP6140	FNMA	3.500		450,054	216,035
BP8254	FNMA	3.000		393,261	377,026
BP8312	FNMA	2.500		148,973	142,623
BP8313	FNMA	3.000		4,822,460	4,307,661
BP8316	FNMA	3.500		1,333,176	1,035,593
BP7770	GNMA II	3.500		677,836	651,142
BP8058	GNMA II	3.000		667,184	164,816
BT4016	GNMA II	3.000		631,648	605,788
BT4017	GNMA II	3.000		655,705	627,390
BT4265	GNMA II	2.750		252,200	241,188
BT4266	GNMA II	3.000		552,089	526,356
BT4267	GNMA II	3.125		839,347	193,586
BT4269	GNMA II	3.250		466,689	448,204
BT4270	GNMA II	3.500		561,193	539,374
				14,822,617	12,332,288
MBS Participation Interest (66.6567%)				9,880,267	8,220,296

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

20DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities
(66.6567% of the principal payments and 0% of the interest payments paid to 20DE)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BO8226	FNMA	4.000	$ 204,696	$ 197,312
BP1853	FNMA	3.000	448,223	426,013
BX2680	GNMA II	2.750	3,651,887	2,977,854
BX2685	GNMA II	3.125	3,109,813	2,808,027
			7,414,618	6,409,206
MBS Participation Interest 66.6567%)			4,942,340	4,272,165
2020 DE Total			$ 148,912,177	$ 105,370,117

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 FG

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB3600	FHLMC	3.000 %	$ 155,918	$ 148,659
QB4019	FHLMC	3.000	3,490,301	2,805,951
BQ1831	FNMA	2.500	153,512	142,508
BQ3567	FNMA	3.000	3,747,561	2,803,213
BT4577	GNMA II	2.500	205,154	-
BX2468	GNMA II	3.125	4,973,137	3,962,969
Subtotal			12,725,583	9,863,300

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(50.00% of the principal payments and 100% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB2866	FHLMC	3.000 %	$ 2,018,211	$ 1,231,400
QB3599	FHLMC	3.000	2,631,029	2,508,946
BQ1757	FNMA	3.000	7,731,958	6,750,895
BQ1758	FNMA	3.500	1,811,749	1,733,285
BQ1832	FNMA	3.000	4,237,037	3,451,867
BQ1833	FNMA	3.000	6,402,583	5,500,320
BQ1834	FNMA	3.500	1,466,440	1,325,410
BQ1835	FNMA	3.000	345,263	329,581
BP8055	GNMA II	3.000	909,730	654,315
BT3756	GNMA II	3.000	644,319	255,536
BT4388	GNMA II	3.375	742,128	707,976
BT4567	GNMA II	3.000	3,348,891	2,080,225
BT4579	GNMA II	3.000	640,631	611,720
Subtotal			32,929,970	27,141,477
MBS Participation Interest (50.00%)			16,464,985	13,570,739

MINNESOTA HOUSING

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(24.9879% of the principal payments and 100% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA9599	FHLMC	3.500 %	$ 415,469	$ 398,175
QB0466	FHLMC	3.000	3,590,810	2,761,216
QB0467	FHLMC	3.500	1,488,966	1,272,406
QB0468	FHLMC	3.000	255,460	244,154
QB0469	FHLMC	3.500	624,060	363,261
BO7205	FNMA	3.500	419,533	210,875
BP2652	FNMA	3.500	422,773	304,710
BP5079	FNMA	3.000	517,180	493,982
BP5080	FNMA	3.500	364,941	289,200
BP6132	FNMA	3.000	3,207,075	2,823,387
BP6133	FNMA	3.000	4,295,002	3,664,353
BP6134	FNMA	3.000	2,956,020	2,600,883
BP6135	FNMA	3.500	3,046,163	2,705,244
BP6136	FNMA	3.500	3,345,900	2,190,206
BP6137	FNMA	3.000	682,222	263,480
BP6138	FNMA	3.500	394,900	186,354
BM2411	GNMA II	4.000	160,397	153,731
BP7501	GNMA II	3.500	928,756	662,448
BT3757	GNMA II	3.000	589,446	348,907

MINNESOTA HOUSING

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(24.9879% of the principal payments and 100% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT4013	GNMA II	3.625 %	$ 1,755,282	$ 990,154
BT4014	GNMA II	2.500	505,376	305,012
BT4130	GNMA II	2.750	991,620	479,106
BT4131	GNMA II	2.875	642,556	466,760
BT4132	GNMA II	3.000	415,247	395,671
BT4133	GNMA II	3.125	5,087,041	3,310,482
BT4134	GNMA II	3.125	3,917,549	2,070,213
BT4135	GNMA II	3.125	4,782,777	3,359,547
BT4136	GNMA II	3.250	5,120,449	3,373,778
BT4137	GNMA II	3.375	5,803,893	3,781,058
BT4138	GNMA II	3.500	4,906,570	3,207,959
BT4264	GNMA II	3.500	4,258,342	1,946,420
Subtotal			65,891,776	45,623,133
MBS Participation Interest (24.9879%)			16,464,971	11,400,263

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(66.6667% of the principal payments and 0% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB4535	FHLMC	3.000 %	$ 4,487,966	$ 4,255,696
QB4536	FHLMC	3.500	462,058	444,986
BQ3566	FNMA	3.000	6,034,657	5,216,147
BQ3568	FNMA	3.500	1,069,988	748,261
BQ3569	FNMA	3.000	468,304	449,593
BQ3570	FNMA	3.500	684,926	372,432
BQ5520	FNMA	2.500	437,835	419,491
BQ5521	FNMA	3.000	8,880,356	8,261,707
BQ5523	FNMA	3.500	802,545	772,240
BP8097	GNMA II	3.000	449,100	431,068
BX2313	GNMA II	3.000	5,386,309	4,018,181
BX2314	GNMA II	3.000	4,298,087	3,572,534
BX2315	GNMA II	3.000	5,669,925	4,354,446
BX2316	GNMA II	3.000	4,067,348	2,617,236
BX2317	GNMA II	3.000	3,328,512	2,631,821
BX2323	GNMA II	3.000	1,256,815	936,305
BX2464	GNMA II	2.375	143,690	137,143
BX2465	GNMA II	2.750	1,614,891	1,174,317
BX2466	GNMA II	2.875	2,847,764	2,542,042
BX2467	GNMA II	3.000	5,608,450	4,032,094
			57,999,528	47,387,738
MBS Participation Interest (66.6667%)			38,666,371	31,591,841

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(66.6667% of the principal payments and 0% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA5426	FHLMC	3.500 %	$ 161,749	$ 155,560
QA6256	FHLMC	3.000	298,820	286,690
QA7124	FHLMC	3.000	558,768	536,116
QA8097	FHLMC	3.500	647,567	-
QB6177	FHLMC	2.500	392,800	370,031
QB6178	FHLMC	3.000	968,137	925,197
QB6179	FHLMC	3.000	621,570	594,281
QB6180	FHLMC	3.500	447,399	429,761
BP6141	FNMA	3.000	381,824	354,719
BP8317	FNMA	3.000	424,036	406,054
BQ7867	FNMA	2.500	5,664,762	5,187,260
BQ7868	FNMA	3.000	5,760,255	5,246,675
BQ7870	FNMA	3.500	159,890	154,069
BP7900	GNMA II	3.000	415,032	396,485
BP8056	GNMA II	3.000	777,995	746,070
BT3753	GNMA II	3.000	405,131	131,367
BT4271	GNMA II	3.500	675,857	649,772
BT4389	GNMA II	3.500	870,768	836,582
BT4393	GNMA II	3.125	855,755	820,924

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(66.6667% of the principal payments and 0% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT4581	GNMA II	3.500 %	$ 831,923	$ 530,480
BX2681	GNMA II	2.875	863,739	827,333
BX2686	GNMA II	3.125	1,394,298	1,084,344
BX2687	GNMA II	3.250	3,475,219	2,846,341
BX2688	GNMA II	3.375	1,946,381	1,439,102
			28,999,674	24,955,214
MBS Participation Interest (66.6667%)			19,333,126	16,636,818

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(66.668% of the principal payments and 0% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BX2469	GNMA II	3.125 %	$ 4,444,987	$ 4,048,375
BX2470	GNMA II	3.125	3,355,174	3,232,688
BX2471	GNMA II	3.250	4,596,029	3,460,453
BX2472	GNMA II	3.375	3,372,194	2,967,197
BX2473	GNMA II	3.375	3,968,456	2,516,327
			19,736,840	16,225,040
MBS Participation Interest (66.668%)			13,158,156	10,816,909

2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities
(66.668% of the principal payments and 0% of the interest payments paid to 20FG)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB9286	FHLMC	3.000 %	$ 406,682	$ 392,468
QB9775	FHLMC	3.000	469,417	451,216
BX2846	GNMA II	3.000	958,587	344,112
CB2417	GNMA II	3.000	799,004	770,251
CB2727	GNMA II	3.000	5,172,677	4,754,280
CB2728	GNMA II	3.375	149,565	144,418
CB2730	GNMA II	2.500	1,041,220	1,002,310
CB2732	GNMA II	3.000	870,881	836,651
			9,868,033	8,695,706
MBS Participation Interest (66.668%)			6,580,004	5,797,253
2020 FG Total			$ 123,393,197	$ 99,677,123

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 HI

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BQ7838	FNMA	3.000	%	$ 561,037	$ 537,525
BQ7869	FNMA	3.000		1,139,259	934,894
BP7620	GNMA II	3.000		529,949	184,574
BP7901	GNMA II	3.000		556,060	382,350
Subtotal				$ 2,786,305	$ 2,039,343

20HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(33.3433% of the principal payments and 100% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
QB1279	FHLMC	3.500	%	$	1,214,199	$	1,164,222
QB1280	FHLMC	3.000			339,435		325,222
BO5832	FNMA	4.000			363,108		350,213
BP6139	FNMA	3.000			454,059		415,851
BP6140	FNMA	3.500			450,054		216,035
BP8254	FNMA	3.000			393,261		377,026
BP8312	FNMA	2.500			148,973		142,623
BP8313	FNMA	3.000			4,822,460		4,307,661
BP8316	FNMA	3.000			1,333,176		1,035,593
BP7770	GNMA II	3.500			677,836		651,142
BP8058	GNMA II	3.000			667,184		164,816
BT4016	GNMA II	3.000			631,648		605,788
BT4017	GNMA II	3.000			655,705		627,390
BT4265	GNMA II	2.750			252,200		241,188
BT4266	GNMA II	3.000			552,089		526,356
BT4267	GNMA II	3.125			839,347		193,586
BT4269	GNMA II	3.250			466,689		448,204
BT4270	GNMA II	3.500			561,193		539,374
					14,822,617		12,332,288
MBS Participation Interest 33.3433%)					4,942,349		4,111,992

20HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(33.3433% of the principal payments and 100% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BO8226	FNMA	4.000	$ 204,696	$ 197,312
BP1853	FNMA	3.000	448,223	426,013
BX2680	GNMA II	2.750	3,651,887	2,977,854
BX2685	GNMA II	3.125	3,109,813	2,808,027
			7,414,618	6,409,206
MBS Participation Interest 33.3433%)			2,472,278	2,137,041

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(33.3333% of the principal payments and 100% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QB4535	FHLMC	3.000	%	$ 4,487,966	$ 4,255,696
QB4536	FHLMC	3.500		462,058	444,986
BQ3566	FNMA	3.000		6,034,657	5,216,147
BQ3568	FNMA	3.500		1,069,988	748,261
BQ3569	FNMA	3.000		468,304	449,593
BQ3570	FNMA	3.500		684,926	372,432
BQ5520	FNMA	2.500		437,835	419,491
BQ5521	FNMA	3.000		8,880,356	8,261,707
BQ5523	FNMA	3.500		802,545	772,240
BP8097	GNMA II	3.000		449,100	431,068
BX2313	GNMA II	3.000		5,386,309	4,018,181
BX2314	GNMA II	3.000		4,298,087	3,572,534
BX2315	GNMA II	3.000		5,669,925	4,354,446
BX2316	GNMA II	3.000		4,067,348	2,617,236
BX2317	GNMA II	3.000		3,328,512	2,631,821
BX2323	GNMA II	3.000		1,256,815	936,305
BX2464	GNMA II	2.375		143,690	137,143
BX2465	GNMA II	2.750		1,614,891	1,174,317
BX2466	GNMA II	2.875		2,847,764	2,542,042
BX2467	GNMA II	3.000		5,608,450	4,032,094
				57,999,528	47,387,738
MBS Participation Interest (33.3333%)				19,333,157	15,795,897

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(33.3333% of the principal payments and 100% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA5426	FHLMC	3.500 %	$ 161,749	$ 155,560
QA6256	FHLMC	3.000	298,820	286,690
QA7124	FHLMC	3.000	558,768	536,116
QA8097	FHLMC	3.500	647,567	-
QB6177	FHLMC	2.500	392,800	370,031
QB6178	FHLMC	3.000	968,137	925,197
QB6179	FHLMC	3.000	621,570	594,281
QB6180	FHLMC	3.500	447,399	429,761
BP6141	FNMA	3.000	381,824	354,719
BP8317	FNMA	3.000	424,036	406,054
BQ7867	FNMA	2.500	5,664,762	5,187,260
BQ7868	FNMA	3.000	5,760,255	5,246,675
BQ7870	FNMA	3.500	159,890	154,069
BP7900	GNMA II	3.000	415,032	396,485
BP8056	GNMA II	3.000	777,995	746,070
BT3753	GNMA II	3.000	405,131	131,367
BT4271	GNMA II	3.500	675,857	649,772
BT4389	GNMA II	3.500	870,768	836,582
BT4393	GNMA II	3.125	855,755	820,924

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(33.3333% of the principal payments and 100% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT4581	GNMA II	3.500 %	$ 831,923	$ 530,480
BX2681	GNMA II	2.875	863,739	827,333
BX2686	GNMA II	3.125	1,394,298	1,084,344
BX2687	GNMA II	3.250	3,475,219	2,846,341
BX2688	GNMA II	3.375	1,946,381	1,439,102
			28,999,674	24,955,214
MBS Participation Interest (33.3333%)			9,666,548	8,318,396

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(66.666% of the principal payments and 0% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
QB6859	FHLMC	2.500	%	$ 1,696,522	$	1,493,909
QB6860	FHLMC	3.000		1,906,633		1,838,235
QB7784	FHLMC	2.500		3,203,929		3,080,977
BQ7839	FNMA	3.000		391,846		377,627
BR0289	FNMA	2.500		2,559,292		1,999,615
BR0290	FNMA	2.500		4,291,002		3,835,451
BR0291	FNMA	3.000		2,999,838		2,722,229
BR0292	FNMA	3.000		1,113,124		1,073,132
BR2530	FNMA	2.500		6,052,000		5,566,786
BT4578	GNMA II	3.000		631,973		609,294
BX2321	GNMA II	3.000		979,322		943,075
BX2324	GNMA II	3.000		921,339		888,224
BX2325	GNMA II	3.000		982,937		301,307
BX2476	GNMA II	3.000		1,198,993		650,006
BX2477	GNMA II	3.000		751,311		438,763
BX2478	GNMA II	3.000		1,101,736		1,061,617
BX2679	GNMA II	2.750		4,429,618		3,866,459
BX2806	GNMA II	2.750		6,187,085		5,257,342
BX2824	GNMA II	2.750		6,262,973		5,576,163

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(66.666% of the principal payments and 0% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BX2825	GNMA II	2.750 %	$ 5,433,685	$ 4,961,380
BX2826	GNMA II	2.875	634,951	461,291
BX2827	GNMA II	3.000	3,543,267	2,885,070
BX2828	GNMA II	3.000	3,479,065	2,146,820
			60,752,440	52,034,770
MBS Participation Interest (66.666%)			40,501,222	34,689,500

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(66.666% of the principal payments and 0% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB8185	FHLMC	2.500 %	$ 134,332	$ 129,505
QB8712	FHLMC	3.000	189,180	182,382
QB9284	FHLMC	2.500	567,660	546,455
QB9774	FHLMC	2.500	1,143,071	1,097,846
BQ1836	FNMA	3.000	324,655	184,775
BQ7872	FNMA	3.000	957,648	922,816
BR2535	FNMA	2.500	586,247	563,470
BR2562	FNMA	2.500	429,992	413,871
BR2563	FNMA	2.500	396,209	378,965
BR2564	FNMA	3.000	256,204	245,709
BR4293	FNMA	3.000	367,778	355,139
BR6649	FNMA	2.500	5,285,020	5,082,739
BR6650	FNMA	3.000	2,671,082	2,393,467
BR6651	FNMA	3.000	284,561	275,033
BX2480	GNMA II	3.000	883,195	852,403
BX2845	GNMA II	3.000	839,024	807,951
CB2722	GNMA II	2.500	702,433	674,907
CB2724	GNMA II	2.750	4,236,861	3,317,112
CB2725	GNMA II	2.750	4,842,820	4,396,516
CB2726	GNMA II	3.000	5,278,495	4,945,051
			30,376,468	27,766,109
MBS Participation Interest (66.666%)			20,250,776	18,510,554

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(66.5422% of the principal payments and 0% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC2577	FHLMC	2.500 %	$ 3,109,019	$ 2,813,699
BR9481	FNMA	2.500	4,361,160	4,208,448
BR9509	FNMA	2.500	602,251	583,287
CB3105	GNMA II	2.750	4,011,730	3,596,147
			12,084,160	11,201,582
MBS Participation Interest (66.5422%)			8,041,066	7,453,779

MINNESOTA HOUSING

2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities
(66.5422% of the principal payments and 0% of the interest payments paid to 20HI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB1281	FHLMC	3.000 %	$ 362,392	$ 214,129
BR0294	FNMA	3.000	255,213	247,719
BR2531	FNMA	3.000	3,522,595	3,295,717
BR2532	FNMA	3.000	3,486,344	2,973,049
BR2534	FNMA	2.500	442,631	426,310
BT4394	GNMA II	3.250	558,107	541,104
BX2689	GNMA II	3.000	676,507	472,945
BX2691	GNMA II	3.375	791,950	768,182
CB2320	GNMA II	3.000	5,113,865	4,559,726
CB2322	GNMA II	3.000	4,221,558	3,364,403
CB2323	GNMA II	3.000	4,602,315	3,915,256
			24,033,476	20,778,539
MBS Participation Interest (66.5422%)			15,992,403	13,826,497
2020 HI Total			$ 115,945,039	$ 106,882,999

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 AB

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QB9285	FHLMC	3.000	%	$ 490,559	$ 473,015
QB9287	FHLMC	2.500		199,477	192,075
QB9776	FHLMC	3.000		166,143	158,355
BR0293	FNMA	2.500		163,218	157,099
BR4291	FNMA	2.500		4,444,109	4,267,227
BR4292	FNMA	3.000		4,270,748	3,702,559
BR4296	FNMA	3.000		258,448	249,072
Subtotal				9,992,702	9,199,402

MINNESOTA HOUSING

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(33.332% of the principal payments and 100% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BX2469	GNMA II	3.125 %	$ 4,444,987	$ 4,048,375
BX2470	GNMA II	3.125	3,355,174	3,232,688
BX2471	GNMA II	3.250	4,596,029	3,460,453
BX2472	GNMA II	3.375	3,372,194	2,967,197
BX2473	GNMA II	3.375	3,968,456	2,516,327
			19,736,840	16,225,040
MBS Participation Interest (33.332%)			6,578,683	5,408,130

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(33.332% of the principal payments and 100% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB9286	FHLMC	3.000 %	$ 406,682	$ 392,468
QB9775	FHLMC	3.000	469,417	451,216
BX2846	GNMA II	3.000	958,587	344,112
CB2417	GNMA II	3.000	799,004	770,251
CB2727	GNMA II	3.000	5,172,677	4,754,280
CB2728	GNMA II	3.375	149,565	144,418
CB2730	GNMA II	2.500	1,041,220	1,002,310
CB2732	GNMA II	3.000	870,881	836,651
			9,868,033	8,695,706
MBS Participation Interest (33.332%)			3,289,213	2,898,453

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(33.334% of the principal payments and 100% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QB6859	FHLMC	2.500	%	$ 1,696,522	$ 1,493,909
QB6860	FHLMC	3.000		1,906,633	1,838,235
QB7784	FHLMC	2.500		3,203,929	3,080,977
BQ7839	FNMA	3.000		391,846	377,627
BR0289	FNMA	2.500		2,559,292	1,999,615
BR0290	FNMA	2.500		4,291,002	3,835,451
BR0291	FNMA	3.000		2,999,838	2,722,229
BR0292	FNMA	3.000		1,113,124	1,073,132
BR2530	FNMA	2.500		6,052,000	5,566,786
BT4578	GNMA II	3.000		631,973	609,294
BX2321	GNMA II	3.000		979,322	943,075
BX2324	GNMA II	3.000		921,339	888,224
BX2325	GNMA II	3.000		982,937	301,307
BX2476	GNMA II	3.000		1,198,993	650,006
BX2477	GNMA II	3.000		751,311	438,763
BX2478	GNMA II	3.000		1,101,736	1,061,617
BX2679	GNMA II	2.750		4,429,618	3,866,459
BX2806	GNMA II	2.750		6,187,085	5,257,342
BX2824	GNMA II	2.750		6,262,973	5,576,163

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(33.334% of the principal payments and 100% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BX2825	GNMA II	2.750	%	$ 5,433,685	$ 4,961,380
BX2826	GNMA II	2.875		634,951	461,291
BX2827	GNMA II	3.000		3,543,267	2,885,070
BX2828	GNMA II	3.000		3,479,065	2,146,820
				60,752,440	52,034,770
MBS Participation Interest (33.334%)				20,251,218	17,345,270

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(33.334% of the principal payments and 100% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QB8185	FHLMC	2.500 %	$ 134,332	$ 129,505
QB8712	FHLMC	3.000	189,180	182,382
QB9284	FHLMC	2.500	567,660	546,455
QB9774	FHLMC	2.500	1,143,071	1,097,846
BQ1836	FNMA	3.000	324,655	184,775
BQ7872	FNMA	3.000	957,648	922,816
BR2535	FNMA	2.500	586,247	563,470
BR2562	FNMA	2.500	429,992	413,871
BR2563	FNMA	2.500	396,209	378,965
BR2564	FNMA	3.000	256,204	245,709
BR4293	FNMA	3.000	367,778	355,139
BR6649	FNMA	2.500	5,285,020	5,082,739
BR6650	FNMA	3.000	2,671,082	2,393,467
BR6651	FNMA	3.000	284,561	275,033
BX2480	GNMA II	3.000	883,195	852,403
BX2845	GNMA II	3.000	839,024	807,951
CB2722	GNMA II	2.500	702,433	674,907
CB2724	GNMA II	2.750	4,236,861	3,317,112
CB2725	GNMA II	2.750	4,842,820	4,396,516
CB2726	GNMA II	3.000	5,278,495	4,945,051
			30,376,468	27,766,109
MBS Participation Interest (33.334%)			10,125,692	9,255,555

MINNESOTA HOUSING

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(67.1362% of the principal payments and 0% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC2002	FHLMC	2.500 %	$ 139,345	$ 132,964
BR9484	FNMA	2.500	68,453	66,184
BR9504	FNMA	2.500	3,068,321	2,960,634
BR9505	FNMA	2.500	2,745,888	2,655,033
BR9506	FNMA	2.500	1,442,291	1,396,382
BR9507	FNMA	2.500	5,444,980	5,259,975
BR9508	FNMA	3.000	987,868	957,999
BX2847	GNMA II	3.000	901,141	693,105
CB2328	GNMA II	3.000	868,451	834,602
CB2329	GNMA II	3.000	826,514	800,642
			16,493,253	15,757,520
MBS Participation Interest (67.1362%)			11,072,943	10,579,000

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(67.1362% of the principal payments and 0% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QC1034	FHLMC	2.500	%	$ 3,243,098	$ 2,811,404
QC1035	FHLMC	2.500		298,560	288,920
QC1482	FHLMC	2.500		1,572,639	1,518,561
QC1483	FHLMC	2.500		1,110,427	839,413
QC1485	FHLMC	2.500		122,038	118,230
BR8370	FNMA	2.500		3,479,807	3,355,913
BR8371	FNMA	2.500		4,198,732	3,324,780
BR8372	FNMA	2.500		3,741,525	3,425,367
BR8373	FNMA	2.500		3,952,899	3,394,378
BR8375	FNMA	2.500		1,050,480	1,017,626
BR8392	FNMA	2.500		4,167,128	4,014,917
BR8393	FNMA	2.500		2,934,597	2,724,997
CB2723	GNMA II	2.750		3,821,471	3,443,490
				33,693,402	30,277,996
MBS Participation Interest (67.1362%)				22,620,470	20,327,496

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(66.6666% of the principal payments and 0% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC1486	FHLMC	2.500 %	$ 172,351	$ 167,739
QC1999	FHLMC	2.500	1,017,446	989,195
QC2000	FHLMC	2.500	1,069,827	605,831
BR4294	FNMA	2.500	626,400	609,424
BR8394	FNMA	2.500	1,983,683	1,931,954
BR8396	FNMA	2.500	452,100	440,516
BR9480	FNMA	2.500	2,382,039	2,207,480
BR9482	FNMA	2.500	5,072,340	4,926,644
BR9483	FNMA	2.500	995,814	970,181
CB2330	GNMA II	3.000	642,395	425,189
CB2931	GNMA II	2.500	568,716	549,128
CB3099	GNMA II	2.000	242,416	235,245
CB3100	GNMA II	2.500	4,020,749	3,619,905
CB3101	GNMA II	2.500	3,923,456	2,968,305
CB3102	GNMA II	2.500	3,172,003	2,836,859
CB3103	GNMA II	2.750	2,473,480	2,405,201
CB3104	GNMA II	2.750	4,178,562	4,064,974
CB3106	GNMA II	3.000	1,462,953	1,145,244
			34,456,726	$ 31,099,014
MBS Participation Interest (66.6666%)			22,971,128	20,732,655

MINNESOTA HOUSING

2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities
(66.6666% of the principal payments and 0% of the interest payments paid to 21AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC4310	FHLMC	2.500 %	$ 165,339	$ 160,733
QC4974	FHLMC	2.500	2,166,446	2,110,181
QC5492	FHLMC	2.500	872,872	849,556
BT5809	FNMA	2.500	6,302,304	5,747,240
BT5851	FNMA	2.500	4,593,240	4,474,026
BT5853	FNMA	3.000	2,797,959	2,540,646
CE3818	GNMA II	2.500	330,244	321,009
			17,228,404	16,203,391
MBS Participation Interest (66.6666%)			11,485,591	10,802,250
2021 AB Total			$ 118,387,640	$ 106,548,211

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2021 CD

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
QC3145	FHLMC	2.500 %	$	3,036,293	$	2,728,933
QC3146	FHLMC	2.500		613,739		594,779
QC3706	FHLMC	2.500		1,252,200		1,211,875
QC3707	FHLMC	3.000		606,998		589,455
QC3709	FHLMC	3.000		600,441		583,719
QC4308	FHLMC	2.500		2,204,581		2,137,585
QC4309	FHLMC	3.000		2,310,693		2,238,608
AH0096	FNMA	3.325		422,089		87,946
AT9858	FNMA	2.900		204,924		195,429
AU7183	FNMA	3.000		846,610		658,981
BO6577	FNMA	3.500		336,877		326,527
BR8395	FNMA	2.500		378,783		365,400
BR9510	FNMA	2.500		896,377		671,538
BT0672	FNMA	3.000		1,966,008		1,908,748
BT0673	FNMA	2.500		689,070		668,972
BT0695	FNMA	2.500		2,616,017		2,419,903
BT0697	FNMA	2.500		1,370,042		1,327,111
BT0699	FNMA	2.500		503,872		219,139

MINNESOTA HOUSING

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT0700	FNMA	2.500 %	$ 1,585,964	$ 1,542,031
BT5340	FNMA	2.500	1,291,814	1,247,522
BT5341	FNMA	2.500	4,169,695	4,042,405
BT5342	FNMA	2.500	3,536,945	3,187,026
BT5343	FNMA	2.500	3,459,521	3,352,478
BT5344	FNMA	3.000	2,129,003	1,965,808
BT5346	FNMA	2.500	1,263,872	1,228,021
755398	GNMA II	4.750	118,782	112,981
755421	GNMA II	4.000	58,003	-
755712	GNMA II	3.375	114,053	-
755714	GNMA II	3.875	75,779	71,860
755719	GNMA II	4.500	152,600	60,556
755753	GNMA II	3.375	155,019	145,266
755799	GNMA II	3.625	92,965	25,303
755884	GNMA II	3.625	177,956	49,924
755885	GNMA II	3.875	285,313	187,468
755996	GNMA II	4.125	85,136	80,852
755998	GNMA II	4.625	113,106	107,425
756055	GNMA II	4.125	122,755	116,608

MINNESOTA HOUSING

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AF0609	GNMA II	2.500	%	$ 589,218	$	413,632
BX2832	GNMA II	2.750		918,331		682,372
CB2326	GNMA II	2.750		1,113,636		1,078,115
CB2327	GNMA II	3.000		729,852		708,071
CB2932	GNMA II	2.500		608,292		588,657
CE3341	GNMA II	2.750		2,868,525		2,498,683
CE3342	GNMA II	2.750		4,125,158		3,998,291
CE3344	GNMA II	2.750		3,857,537		3,742,274
CE3347	GNMA II	2.750		952,764		923,939
CE3349	GNMA II	3.000		634,363		615,237
CE3630	GNMA II	2.500		1,785,185		1,448,860
CE3634	GNMA II	3.000		3,602,148		3,326,300
CE3635	GNMA II	3.000		3,994,390		3,878,573

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AI7889	FNMA	4.500 %	$ 77,450	$ 71,790
AI8696	FNMA	4.125	21,217	19,579
AI8697	FNMA	4.625	45,801	43,729
AI8699	FNMA	4.625	76,931	73,510
AJ0331	FNMA	4.375	76,022	72,507
AJ0734	FNMA	4.375	68,370	-
AJ3452	FNMA	4.000	108,527	103,444
AJ5132	FNMA	4.000	61,292	46,837
AJ5142	FNMA	4.500	21,632	-
AJ7451	FNMA	3.500	41,880	39,828
AJ7452	FNMA	4.000	51,527	48,409
AJ8686	FNMA	4.000	80,578	75,966
774916	GNMA II	3.875	342,593	193,447
774917	GNMA II	4.000	67,730	61,944
774918	GNMA II	4.250	84,810	80,800
774968	GNMA II	4.250	110,042	104,872
774987	GNMA II	3.875	56,803	53,896
774988	GNMA II	4.000	85,084	80,387
774989	GNMA II	4.250	82,195	78,287
774991	GNMA II	4.625	76,892	73,402
775004	GNMA II	3.875	200,320	172,314
775005	GNMA II	4.250	95,957	91,448
775006	GNMA II	4.375	133,352	127,171
775062	GNMA II	3.875	39,443	37,509
775063	GNMA II	4.000	67,796	64,457

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
775064	GNMA II	4.125 %	$ 122,757	$ -
775065	GNMA II	4.250	170,800	59,381
775079	GNMA II	3.875	92,221	-
775080	GNMA II	4.000	113,082	107,614
775082	GNMA II	4.250	238,808	226,467
775083	GNMA II	4.375	105,151	-
775103	GNMA II	3.750	52,898	-
775106	GNMA II	4.250	111,981	105,569
775107	GNMA II	4.375	76,998	73,150
775126	GNMA II	3.875	245,973	232,276
775127	GNMA II	4.000	93,597	-
775143	GNMA II	4.125	97,899	93,232
775144	GNMA II	4.250	51,063	48,456
775163	GNMA II	3.500	104,407	99,112
775165	GNMA II	3.875	193,972	172,367
775167	GNMA II	4.250	76,122	-
775169	GNMA II	4.625	71,253	67,997
775183	GNMA II	3.500	74,985	66,422
775205	GNMA II	3.875	12,981	-
775206	GNMA II	4.000	75,644	69,236
775207	GNMA II	4.125	145,207	138,326
775209	GNMA II	4.375	105,597	100,718
775243	GNMA II	3.750	66,934	63,422
775244	GNMA II	3.875	287,018	164,965
775245	GNMA II	4.000	150,044	142,797

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
775247	GNMA II	4.250 %	$ 53,150	$ -
775267	GNMA II	3.500	64,296	58,357
775269	GNMA II	3.875	214,689	165,577
775270	GNMA II	4.000	37,294	35,058
775272	GNMA II	4.250	67,167	-
775273	GNMA II	4.375	52,410	48,534
775290	GNMA II	3.750	24,622	-
775293	GNMA II	4.250	92,422	88,078
775362	GNMA II	3.500	324,681	229,205
775364	GNMA II	3.875	135,564	128,931
775366	GNMA II	4.125	55,674	-
775367	GNMA II	4.250	100,532	-
775372	GNMA II	3.375	220,459	115,397
775373	GNMA II	3.500	95,607	90,766
775374	GNMA II	3.750	59,328	56,386
775375	GNMA II	3.875	359,322	219,073
775413	GNMA II	3.750	89,226	84,832
775414	GNMA II	3.875	368,544	175,858
775415	GNMA II	4.000	121,186	115,361
775418	GNMA II	4.375	71,425	65,451
775419	GNMA II	4.500	52,601	50,112
775427	GNMA II	3.375	339,478	131,599
775428	GNMA II	3.500	222,952	210,312
775430	GNMA II	3.875	79,338	-
775431	GNMA II	4.000	50,735	-

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
775432	GNMA II	4.125 %	$	84,270	$	75,495
775473	GNMA II	3.875		114,560		-
775474	GNMA II	4.250		75,192		71,263
775507	GNMA II	3.375		471,093		442,037
775509	GNMA II	3.750		159,111		77,620
775145	GNMA	4.375		75,785		71,796
747572	GNMA II	4.125		107,693		-
747680	GNMA II	4.000		118,480		111,593
747681	GNMA II	4.125		291,728		272,492
747777	GNMA II	4.000		487,743		459,567
747778	GNMA II	4.125		46,042		41,624
747817	GNMA II	4.000		400,368		308,724
747818	GNMA II	4.125		64,943		61,564
751028	GNMA II	4.000		112,541		97,343
751079	GNMA II	4.000		189,822		175,512
751101	GNMA II	4.000		233,470		220,710
751105	GNMA II	4.750		180,220		171,061
751142	GNMA II	4.000		135,774		87,239
751143	GNMA II	4.125		80,638		49,678
751146	GNMA II	4.625		270,978		257,065
751147	GNMA II	4.750		127,607		121,193
751162	GNMA II	4.000		38,337		36,353
751163	GNMA II	4.125		204,642		193,817
755188	GNMA II	4.000		107,237		99,850
755192	GNMA II	4.750		124,581		118,435
755210	GNMA II	4.000		107,201		101,646
755214	GNMA II	4.875		126,449		120,188
755233	GNMA II	3.500		136,075		128,636
755238	GNMA II	4.750		92,940		-
755264	GNMA II	4.000		164,996		28,301
755305	GNMA II	3.500		152,510		143,405

MINNESOTA HOUSING

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
755358	GNMA II	4.750 %	$ 96,774	$ 91,939
755537	GNMA II	3.375	61,319	57,090
755798	GNMA II	3.500	139,831	126,388
755882	GNMA II	3.375	244,414	158,694
768982	GNMA II	3.875	244,048	132,649
768983	GNMA II	4.000	65,080	61,890
768985	GNMA II	4.250	102,914	98,017
769024	GNMA II	3.875	86,119	81,567
769025	GNMA II	4.000	61,828	58,799
769027	GNMA II	4.250	77,474	-
769028	GNMA II	4.375	227,752	107,547
769029	GNMA II	4.500	34,704	33,097
769043	GNMA II	4.000	102,283	96,185
769045	GNMA II	4.250	222,636	211,011
769046	GNMA II	4.375	270,759	256,907
769048	GNMA II	4.750	87,304	83,021
769064	GNMA II	3.875	222,260	210,205
769065	GNMA II	4.000	130,170	123,847
769066	GNMA II	4.250	90,346	85,967
769104	GNMA II	4.625	51,860	49,250
769124	GNMA II	3.875	45,434	43,183
769125	GNMA II	4.000	136,266	67,954
769129	GNMA II	3.875	332,915	237,452
769133	GNMA II	4.000	51,655	48,722
769194	GNMA II	4.000	127,997	62,763
769195	GNMA II	4.125	71,688	68,231
769196	GNMA II	4.250	381,674	308,456
769199	GNMA II	4.750	119,577	114,186
769203	GNMA II	3.875	151,089	140,725

2021 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
769270	GNMA II	3.875 %	$ 175,229	$ 39,065
769271	GNMA II	4.000	185,992	52,241
769272	GNMA II	4.250	61,731	58,691
769309	GNMA II	3.875	46,513	44,223
769340	GNMA II	4.375	301,391	183,567
AE8494	FNMA	4.125	107,636	-
AH0091	FNMA	3.450	112,744	105,180
AH0092	FNMA	3.950	133,159	103,733
AH0094	FNMA	3.450	285,932	271,311
AH0098	FNMA	3.325	188,333	178,511
AH0100	FNMA	3.325	154,284	-
AH5477	FNMA	3.500	82,287	77,977
AH5481	FNMA	3.500	38,070	-
AH5486	FNMA	3.625	25,239	21,629
AH5521	FNMA	3.950	57,593	51,885
AH5522	FNMA	3.325	205,121	109,705
AH5523	FNMA	3.450	230,443	46,633
AH5524	FNMA	3.575	135,698	127,797
AH5525	FNMA	3.325	467,914	305,220
AH5526	FNMA	3.450	312,296	198,264
755544	GNMA II	4.625	91,395	86,694
755736	GNMA II	3.500	248,286	227,976
Subtotal			86,856,113	75,927,365

MINNESOTA HOUSING

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(33.4578% of the principal payments and 100% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC2577	FHLMC	2.500 %	$ 3,109,019	$ 2,813,699
BR9481	FNMA	2.500	4,361,160	4,208,448
BR9509	FNMA	2.500	602,251	583,287
CB3105	GNMA II	2.750	4,011,730	3,596,147
			12,084,160	11,201,582
MBS Participation Interest (33.4578%)			4,043,094	3,747,803

MINNESOTA HOUSING

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(33.4578% of the principal payments and 100% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QB1281	FHLMC	3.000	%	$ 362,392	$ 214,129
BR0294	FNMA	3.000		255,213	247,719
BR2531	FNMA	3.000		3,522,595	3,295,717
BR2532	FNMA	3.000		3,486,344	2,973,049
BR2534	FNMA	2.500		442,631	426,310
BT4394	GNMA II	3.250		558,107	541,104
BX2689	GNMA II	3.000		676,507	472,945
BX2691	GNMA II	3.375		791,950	768,182
CB2320	GNMA II	3.000		5,113,865	4,559,726
CB2322	GNMA II	3.000		4,221,558	3,364,403
CB2323	GNMA II	3.000		4,602,315	3,915,256
				24,033,476	20,778,539
MBS Participation Interest (33.4578%)				8,041,072	6,952,042

MINNESOTA HOUSING

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(32.8638% of the principal payments and 100% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC2002	FHLMC	2.500 %	$ 139,345	$ 132,964
BR9484	FNMA	2.500	68,453	66,184
BR9504	FNMA	2.500	3,068,321	2,960,634
BR9505	FNMA	2.500	2,745,888	2,655,033
BR9506	FNMA	2.500	1,442,291	1,396,382
BR9507	FNMA	2.500	5,444,980	5,259,975
BR9508	FNMA	3.000	987,868	957,999
BX2847	GNMA II	3.000	901,141	693,105
CB2328	GNMA II	3.000	868,451	834,602
CB2329	GNMA II	3.000	826,514	800,642
			16,493,253	15,757,520
MBS Participation Interest (32.8638%)			5,420,310	5,178,520

MINNESOTA HOUSING

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(32.8638% of the principal payments and 100% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC1034	FHLMC	2.500 %	$ 3,243,098	$ 2,811,404
QC1035	FHLMC	2.500	298,560	288,920
QC1482	FHLMC	2.500	1,572,639	1,518,561
QC1483	FHLMC	2.500	1,110,427	839,413
QC1485	FHLMC	2.500	122,038	118,230
BR8370	FNMA	2.500	3,479,807	3,355,913
BR8371	FNMA	2.500	4,198,732	3,324,780
BR8372	FNMA	2.500	3,741,525	3,425,367
BR8373	FNMA	2.500	3,952,899	3,394,378
BR8375	FNMA	2.500	1,050,480	1,017,626
BR8392	FNMA	2.500	4,167,128	4,014,917
BR8393	FNMA	2.500	2,934,597	2,724,997
CB2723	GNMA II	2.750	3,821,471	3,443,490
			33,693,402	30,277,996
MBS Participation Interest (32.8638%)			11,072,932	9,950,500

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(50.00% of the principal payments and 100% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
735282	GNMA II	4.250 %	$ 187,744	$ 177,408
735306	GNMA II	4.250	114,810	108,714
735672	GNMA II	4.250	260,263	246,411
743210	GNMA II	4.250	411,596	229,467
743227	GNMA II	4.250	388,180	246,836
743366	GNMA II	4.250	858,141	365,989
743425	GNMA II	4.250	580,853	533,092
743521	GNMA II	4.250	604,676	340,714
743599	GNMA II	4.250	1,042,627	753,914
747344	GNMA II	4.250	409,281	214,027
747350	GNMA II	4.250	264,274	166,834
747436	GNMA II	4.250	666,141	320,833
747452	GNMA II	4.250	554,442	342,366
747506	GNMA II	4.250	362,439	337,897
747779	GNMA II	4.250	291,344	229,995
747819	GNMA II	4.250	360,659	262,531
751081	GNMA II	4.250	72,328	68,588
761081	GNMA II	4.000	126,921	116,536
761082	GNMA II	4.375	109,805	103,929
761083	GNMA II	4.500	241,371	158,114
761114	GNMA II	4.000	184,668	156,780
761116	GNMA II	4.500	142,790	135,833
761146	GNMA II	4.000	110,420	104,777
761157	GNMA II	4.000	55,369	52,292
761158	GNMA II	4.500	99,009	94,296

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(50.00% of the principal payments and 100% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
761264	GNMA II	4.000	%	$ 40,228		$ 36,961
761266	GNMA II	4.250		213,036		187,816
761268	GNMA II	4.500		24,514		23,341
761272	GNMA II	4.125		86,733		81,894
761290	GNMA II	4.000		120,560		114,471
761293	GNMA II	4.500		99,743		94,475
761308	GNMA II	4.000		40,730		38,683
761309	GNMA II	4.250		86,232		71,708
Subtotal				9,211,925		6,517,521
MBS Participation Interest (50%)				4,605,962		3,258,760

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(49.9979% of the principal payments and 0% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
775568	GNMA II	3.375 %	$ 465,141	$ 431,539
775599	GNMA II	3.375	59,693	56,139
775660	GNMA II	3.375	304,993	214,018
775708	GNMA II	3.375	202,575	28,865
775724	GNMA II	3.375	111,583	104,609
792369	GNMA II	3.375	246,235	185,254
792402	GNMA II	3.375	67,443	-
792474	GNMA II	3.375	94,438	88,144
775569	GNMA II	3.500	120,030	-
775592	GNMA II	3.500	46,188	-
775709	GNMA II	3.500	71,370	67,465
792370	GNMA II	3.500	109,439	101,799
792403	GNMA II	3.500	105,310	99,963
775472	GNMA II	3.750	90,854	86,207
775570	GNMA II	3.750	94,979	89,189
775593	GNMA II	3.750	192,807	180,453
775600	GNMA II	3.750	130,250	123,812
775662	GNMA II	3.750	284,909	266,919
775710	GNMA II	3.750	139,501	93,171
775726	GNMA II	3.750	266,678	206,078
792335	GNMA II	3.750	203,114	124,600
792371	GNMA II	3.750	119,205	50,997
775571	GNMA II	3.875	98,967	93,727
775594	GNMA II	3.875	291,512	171,965
775663	GNMA II	3.875	155,347	145,434

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
49.9979% of the principal payments and 0% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
792372	GNMA II	3.875 %	$ 56,075	$ 53,348
775664	GNMA II	4.000	93,755	88,887
775676	GNMA II	4.125	125,571	119,459
774854	GNMA II	4.250	148,649	61,924
775714	GNMA II	4.250	102,939	97,817
775513	GNMA II	4.500	64,746	61,540
Subtotal			4,664,301	3,493,323
MBS Participation Interest (49.9979%)			2,332,052	1,746,588

MINNESOTA HOUSING

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(49.9979% of the principal payments and 0% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AA0076	GNMA II	3.625 %	$ 515,406	$ 302,630
AA0077	GNMA II	3.750	119,318	113,585
AA0104	GNMA II	3.250	65,447	62,098
AA0105	GNMA II	3.625	233,891	93,910
AA0106	GNMA II	3.750	216,736	153,206
AA0163	GNMA II	3.250	395,986	250,870
AA0164	GNMA II	3.375	266,408	223,590
AA0165	GNMA II	3.625	499,762	377,940
AA0166	GNMA II	3.750	201,780	98,428
AA0199	GNMA II	3.625	524,386	385,159
AA0200	GNMA II	3.750	60,257	-
AA0281	GNMA II	3.250	447,796	275,989
AB1466	GNMA II	3.375	217,301	-
Subtotal			3,764,473	2,337,405
MBS Participation Interest (49.9979%)			1,882,158	1,168,654

MINNESOTA HOUSING

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(66.6666% of the principal payments and 0% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT0669	FNMA	2.500 %	$ 4,606,345	$ 4,470,528
BT0671	FNMA	2.500	5,162,744	5,023,685
BT0696	FNMA	2.500	5,358,824	5,214,660
BT0698	FNMA	3.000	5,775,289	5,442,225
BT5345	FNMA	3.000	4,700,220	4,579,292
CE3340	GNMA II	2.500	5,483,915	4,877,746
CE3345	GNMA II	3.000	4,707,591	4,117,583
CE3631	GNMA II	2.750	5,108,493	4,776,334
CE3633	GNMA II	2.750	4,238,537	4,126,024
CE3636	GNMA II	3.000	4,880,180	4,742,758
Subtotal			50,022,139	47,370,835
MBS Participation Interest (66.6666%)			33,348,059	31,580,525

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(66.6666% of the principal payments and 0% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC6526	FHLMC	3.000 %	$ 1,205,491	$ 1,174,605
BT5373	FNMA	2.500	3,573,443	3,453,402
BT5375	FNMA	2.500	2,199,707	2,141,662
BT5379	FNMA	2.500	549,574	533,773
BT5858	FNMA	2.500	2,035,760	1,983,886
CE3343	GNMA II	2.750	2,913,605	2,605,508
CE3632	GNMA II	2.750	3,484,129	3,181,276
CE3639	GNMA II	2.750	709,466	463,188
CE3819	GNMA II	2.750	3,373,527	3,060,192
CE3820	GNMA II	2.750	4,966,652	4,225,781
Subtotal			25,011,354	22,823,274
MBS Participation Interest (66.6666%)			16,674,219	15,215,501

MINNESOTA HOUSING

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(48.5471% of the principal payments and 0% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT0670	FNMA	2.500 %	$ 1,371,981	$ 1,062,249
CB2414	GNMA II	2.750	472,593	460,600
Subtotal			1,844,574	1,522,849
MBS Participation Interest (48.5471%)			895,487	739,299

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 CD, continued

21CD Participation Interest in the following Mortgage-Backed Securities
(48.5471% of the principal payments and 0% of the interest payments paid to 21CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC7299	FHLMC	3.000 %	$ 500,911	$ 490,182
QC9234	FHLMC	3.000	1,449,836	1,185,556
Subtotal			1,950,747	1,675,739
MBS Participation Interest (48.5471%)			947,031	813,523
2021 CD Total			$ 176,118,491	$ 156,279,080

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2021 EF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC5494	FHLMC	3.000 %	$ 251,388	$ 245,146
QC6524	FHLMC	2.500	2,102,094	1,868,452
QC7294	FHLMC	3.000	2,261,341	2,204,705
QC8204	FHLMC	3.000	1,442,255	1,405,018
BT5347	FNMA	2.500	705,216	685,631
BT5374	FNMA	2.500	3,908,187	3,801,341
BT5380	FNMA	2.500	658,360	640,897
BT5810	FNMA	2.500	4,587,406	4,442,490
BT5813	FNMA	2.500	825,154	563,285
BT5849	FNMA	2.500	3,585,237	3,483,550
BT5850	FNMA	2.500	4,304,466	4,103,373
BT5857	FNMA	3.000	714,242	450,189
BT8599	FNMA	3.000	1,368,926	1,336,475
CB3107	GNMA II	2.500	470,086	249,798
CE3822	GNMA II	2.750	4,901,703	4,206,565
			32,086,060	29,686,916

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 EF, continued

21EF Participation Interest in the following Mortgage-Backed Securities
(33.3334% of the principal payments and 100% of the interest payments paid to 21EF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QC1486	FHLMC	2.500	%	$ 172,351	$ 167,739
QC1999	FHLMC	2.500		1,017,446	989,195
QC2000	FHLMC	2.500		1,069,827	605,831
BR4294	FNMA	2.500		626,400	609,424
BR8394	FNMA	2.500		1,983,683	1,931,954
BR8396	FNMA	2.500		452,100	440,516
BR9480	FNMA	2.500		2,382,039	2,207,480
BR9482	FNMA	2.500		5,072,340	4,926,644
BR9483	FNMA	2.500		995,814	970,181
CB2330	GNMA II	3.000		642,395	425,189
CB2931	GNMA II	2.500		568,716	549,128
CB3099	GNMA II	2.000		242,416	235,245
CB3100	GNMA II	2.500		4,020,749	3,619,905
CB3101	GNMA II	2.500		3,923,456	2,968,305
CB3102	GNMA II	2.500		3,172,003	2,836,859
CB3103	GNMA II	2.750		2,473,480	2,405,201
CB3104	GNMA II	2.750		4,178,562	4,064,974
CB3106	GNMA II	3.000		1,462,953	1,145,244
				34,456,726	$ 31,099,014
MBS Participation Interest (33.3334%)				11,485,598	10,366,359

2021 EF, continued

21EF Participation Interest in the following Mortgage-Backed Securities
(33.3334% of the principal payments and 100% of the interest payments paid to 21EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC4310	FHLMC	2.500 %	$ 165,339	$ 160,733
QC4974	FHLMC	2.500	2,166,446	2,110,181
QC5492	FHLMC	2.500	872,872	849,556
BT5809	FNMA	2.500	6,302,304	5,747,240
BT5851	FNMA	2.500	4,593,240	4,474,026
BT5853	FNMA	3.000	2,797,959	2,540,646
CE3818	GNMA II	2.500	330,244	321,009
			17,228,404	16,203,391
MBS Participation Interest (33.3334%)			5,742,813	5,401,141

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 EF, continued

21EF Participation Interest in the following Mortgage-Backed Securities
(33.3334% of the principal payments and 100% of the interest payments paid to 21EF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BT0669	FNMA	2.500	%	$	4,606,345	$	4,470,528
BT0671	FNMA	2.500			5,162,744		5,023,685
BT0696	FNMA	2.500			5,358,824		5,214,660
BT0698	FNMA	3.000			5,775,289		5,442,225
BT5345	FNMA	3.000			4,700,220		4,579,292
CE3340	GNMA II	2.500			5,483,915		4,877,746
CE3345	GNMA II	3.000			4,707,591		4,117,583
CE3631	GNMA II	2.750			5,108,493		4,776,334
CE3633	GNMA II	2.750			4,238,537		4,126,024
CE3636	GNMA II	3.000			4,880,180		4,742,758
Subtotal					50,022,139		47,370,835
MBS Participation Interest (33.3334%)					16,674,080		15,790,310

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 EF, continued

21EF Participation Interest in the following Mortgage-Backed Securities
(33.3334% of the principal payments and 100% of the interest payments paid to 21EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC6526	FHLMC	3.000 %	$ 1,205,491	$ 1,174,605
BT5373	FNMA	2.500	3,573,443	3,453,402
BT5375	FNMA	2.500	2,199,707	2,141,662
BT5379	FNMA	2.500	549,574	533,773
BT5858	FNMA	2.500	2,035,760	1,983,886
CE3343	GNMA II	2.750	2,913,605	2,605,508
CE3632	GNMA II	2.750	3,484,129	3,181,276
CE3639	GNMA II	2.750	709,466	463,188
CE3819	GNMA II	2.750	3,373,527	3,060,192
CE3820	GNMA II	2.750	4,966,652	4,225,781
Subtotal			25,011,354	22,823,274
MBS Participation Interest (33.3334%)			8,337,135	7,607,773

2021 EF, continued

21EF Participation Interest in the following Mortgage-Backed Securities
(50.0033% of the principal payments and 0% of the interest payments paid to 21EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT5382	FNMA	3.000 %	$ 736,676	$ 721,974
BT8597	FNMA	3.000	2,668,819	2,615,497
BT8598	FNMA	3.000	5,817,247	5,698,906
BT8633	FNMA	2.500	3,214,829	3,147,117
BT8635	FNMA	3.000	2,869,676	2,812,200
BT8636	FNMA	3.000	5,678,323	5,560,562
CE4026	GNMA II	2.750	6,888,537	6,596,354
CE4027	GNMA II	2.750	5,927,891	5,800,748
CE4028	GNMA II	2.750	7,723,522	7,557,978
CE4029	GNMA II	2.750	499,152	488,346
CE4030	GNMA II	3.000	6,873,893	5,955,964
CE4031	GNMA II	3.000	6,576,849	6,223,124
CE4032	GNMA II	3.000	5,907,469	5,786,405
CE4033	GNMA II	3.000	6,730,331	5,658,333
Subtotal			68,113,215	64,623,509
MBS Participation Interest (50.0033%)			34,058,855	32,313,887

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 EF, continued

21EF Participation Interest in the following Mortgage-Backed Securities
(42.8600% of the principal payments and 0% of the interest payments paid to 21EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC8202	FHLMC	2.500 %	$ 918,596	$ 899,571
QC9233	FHLMC	2.500	1,443,927	1,412,209
QD1044	FHLMC	2.500	1,925,418	1,618,809
QD1045	FHLMC	3.000	2,374,101	2,325,245
QD3012	FHLMC	3.000	2,735,130	2,679,937
BT5815	FNMA	2.500	754,832	738,761
BU1555	FNMA	2.500	7,569,796	7,409,744
BU2160	FNMA	2.500	4,317,837	4,224,561
BU2165	FNMA	3.000	3,863,388	3,631,213
BU2168	FNMA	3.000	1,001,174	982,000
BU6036	FNMA	3.000	2,287,589	2,243,491
BU7355	FNMA	2.500	4,200,326	3,979,064
BU7358	FNMA	2.500	4,565,123	4,468,830
BU7361	FNMA	3.000	4,606,376	4,511,274
BU7362	FNMA	3.000	6,879,454	6,220,211
CE4037	GNMA II	2.750	860,563	842,327
CI7652	GNMA II	2.750	4,825,251	4,718,406
CI7654	GNMA II	2.750	4,247,427	4,155,975
CI7655	GNMA II	2.750	4,017,389	3,930,691
CI7946	GNMA II	2.750	6,399,139	6,181,662
CI7948	GNMA II	2.750	5,024,402	4,911,762
CI7954	GNMA II	3.000	4,637,563	4,538,060
Subtotal			79,454,799	76,623,803
MBS Participation Interest (42.8600%)			34,054,327	32,840,962
2021 EF Total			$ 142,438,868	$ 134,007,348

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 GHI

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT8600	FNMA	2.500 %	$ 511,545	$ 501,024
BT8639	FNMA	3.000	719,012	703,636
CE3831	GNMA II	2.750	798,464	781,361
CE3833	GNMA II	2.750	731,458	715,925
CE4025	GNMA II	2.500	200,983	196,501
CE4035	GNMA II	2.750	1,092,900	1,069,512
CI7653	GNMA II	2.750	5,399,729	5,285,409
CI7947	GNMA II	2.750	6,069,961	5,941,199
CI7949	GNMA II	2.750	5,224,026	5,111,000
CI7952	GNMA II	3.000	5,412,944	5,302,331
CI7953	GNMA II	3.000	5,036,617	4,933,958
			31,197,639	30,541,857

2021 GHI, continued

21GHI Participation Interest in the following Mortgage-Backed Securities
(57.1400% of the principal payments and 100% of the interest payments paid to 21GHI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC8202	FHLMC	2.500 %	$ 918,596	$ 899,571
QC9233	FHLMC	2.500	1,443,927	1,412,209
QD1044	FHLMC	2.500	1,925,418	1,618,809
QD1045	FHLMC	3.000	2,374,101	2,325,245
QD3012	FHLMC	3.000	2,735,130	2,679,937
BT5815	FNMA	2.500	754,832	738,761
BU1555	FNMA	2.500	7,569,796	7,409,744
BU2160	FNMA	2.500	4,317,837	4,224,561
BU2165	FNMA	3.000	3,863,388	3,631,213
BU2168	FNMA	3.000	1,001,174	982,000
BU6036	FNMA	3.000	2,287,589	2,243,491
BU7355	FNMA	2.500	4,200,326	3,979,064
BU7358	FNMA	2.500	4,565,123	4,468,830
BU7361	FNMA	3.000	4,606,376	4,511,274
BU7362	FNMA	3.000	6,879,454	6,220,211
CE4037	GNMA II	2.750	860,563	842,327
CI7652	GNMA II	2.750	4,825,251	4,718,406
CI7654	GNMA II	2.750	4,247,427	4,155,975
CI7655	GNMA II	2.750	4,017,389	3,930,691
CI7946	GNMA II	2.750	6,399,139	6,181,662
CI7948	GNMA II	2.750	5,024,402	4,911,762
CI7954	GNMA II	3.000	4,637,563	4,538,060
Subtotal			79,454,799	76,623,803
MBS Participation Interest (57.1400%)			45,400,472	43,782,841

MINNESOTA HOUSING

2021 GHI, continued

21GHI Participation Interest in the following Mortgage-Backed Securities
(49.9967% of the principal payments and 100% of the interest payments paid to 21GHI)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BT5382	FNMA	3.000 %	$ 736,676	$ 721,974
BT8597	FNMA	3.000	2,668,819	2,615,497
BT8598	FNMA	3.000	5,817,247	5,698,906
BT8633	FNMA	2.500	3,214,829	3,147,117
BT8635	FNMA	3.000	2,869,676	2,812,200
BT8636	FNMA	3.000	5,678,323	5,560,562
CE4026	GNMA II	2.750	6,888,537	6,596,354
CE4027	GNMA II	2.750	5,927,891	5,800,748
CE4028	GNMA II	2.750	7,723,522	7,557,978
CE4029	GNMA II	2.750	499,152	488,346
CE4030	GNMA II	3.000	6,873,893	5,955,964
CE4031	GNMA II	3.000	6,576,849	6,223,124
CE4032	GNMA II	3.000	5,907,469	5,786,405
CE4033	GNMA II	3.000	6,730,331	5,658,333
Subtotal			68,113,215	64,623,509
MBS Participation Interest (49.9967%)			34,054,360	32,309,622

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2021 GHI, continued

21GHI Participation Interest in the following Mortgage-Backed Securities
(72.7264% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 21GHI)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		Principal Amount Outstanding
BT8595	FNMA	2.500	%	20.0777	%	$	5,384,346	$	5,149,225
BT8632	FNMA	2.500		20.1357			5,179,853		5,059,782
BU2161	FNMA	2.500		20.1099			5,359,326		5,074,186
BU2162	FNMA	2.500		20.0777			5,532,788		5,433,610
BU2166	FNMA	3.000		18.5905			5,447,417		5,352,716
BU2167	FNMA	3.000		18.5905			5,068,916		4,984,561
BU7356	FNMA	2.500		20.0777			5,512,641		5,396,065
BU7357	FNMA	2.500		20.0777			5,511,853		5,415,480
BU7359	FNMA	3.000		18.9727			5,024,146		4,931,455
BU7360	FNMA	3.000		18.5905			4,899,236		4,814,365
CI7950	GNMA II	3.000		19.3055			5,664,982		5,566,937
CI7951	GNMA II	3.000		19.3055			5,552,718		5,457,953
Subtotal							64,138,222		62,636,334
MBS Participation Interest (72.7264%)							46,645,420		45,553,151

MINNESOTA HOUSING

2021 GHI, continued

21GHI Participation Interest in the following Mortgage-Backed Securities
(47.7364% of the principal payments and 0% of the interest payments paid to 21GHI)

QD1048	FHLMC	3.000 %	$ 265,750	$ 261,131
BU8589	FNMA	3.000	5,559,679	5,246,655
BU8621	FNMA	3.000	2,552,400	2,198,150
BU8640	FNMA	3.000	246,952	242,868
BU8641	FNMA	3.000	5,068,182	4,982,053
CE3830	GNMA II	2.750	736,185	722,652
CI7665	GNMA II	3.000	722,128	709,798
CI8075	GNMA II	3.000	5,045,073	4,959,844
CI8076	GNMA II	3.000	5,691,122	5,323,797
CI8077	GNMA II	3.000	5,215,175	5,128,480
CI8287	GNMA II	3.000	5,541,926	5,446,600
Subtotal			36,644,574	35,222,028
MBS Participation Interest (47.7364%)			17,492,800	16,813,728
2021 GHI Total			$ 174,790,691	$ 169,001,199

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022AB

22AB Participation Interest in the following Mortgage-Backed Securities
(52.2636% of the principal payments and 100% of the interest payments paid to 22AB)

QD1048	FHLMC	3.000 %	$ 265,750	$ 261,131
BU8589	FNMA	3.000	5,559,679	5,246,655
BU8621	FNMA	3.000	2,552,400	2,198,150
BU8640	FNMA	3.000	246,952	242,868
BU8641	FNMA	3.000	5,068,182	4,982,053
CE3830	GNMA II	2.750	736,185	722,652
CI7665	GNMA II	3.000	722,128	709,798
CI8075	GNMA II	3.000	5,045,073	4,959,844
CI8076	GNMA II	3.000	5,691,122	5,323,797
CI8077	GNMA II	3.000	5,215,175	5,128,480
CI8287	GNMA II	3.000	5,541,926	5,446,600
Subtotal			36,644,574	35,222,028
MBS Participation Interest (52.2636%)			19,151,774	18,408,300

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 AB, continued

22AB Participation Interest in the following Mortgage-Backed Securities
(27.2736% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
BT8595	FNMA	2.500 %	79.9223 %	$ 5,384,346	$ 5,149,225
BT8632	FNMA	2.500	79.8643	5,179,853	5,059,782
BU2161	FNMA	2.500	79.8901	5,359,326	5,074,186
BU2162	FNMA	2.500	79.9223	5,532,788	5,433,610
BU2166	FNMA	3.000	81.4095	5,447,417	5,352,716
BU2167	FNMA	3.000	81.4095	5,068,916	4,984,561
BU7356	FNMA	2.500	79.9223	5,512,641	5,396,065
BU7357	FNMA	2.500	79.9223	5,511,853	5,415,480
BU7359	FNMA	3.000	81.0273	5,024,146	4,931,455
BU7360	FNMA	3.000	81.4095	4,899,236	4,814,365
CI7950	GNMA II	3.000	80.6945	5,664,982	5,566,937
CI7951	GNMA II	3.000	80.6945	5,552,718	5,457,953
Subtotal				64,138,222	62,636,334
MBS Participation Interest (27.2736%)				17,492,802	17,083,183

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 AB, continued

22AB Participation Interest in the following Mortgage-Backed Securities
(33.3333% of the principal payments and 0% of the interest payments paid to 22AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QD1047	FHLMC	2.500 %	$ 379,916	$ 373,986
QD3011	FHLMC	2.500	1,549,723	1,413,107
QD6113	FHLMC	3.000	635,146	626,090
QD7105	FHLMC	3.000	2,752,751	2,640,981
BT0702	FNMA	2.500	902,595	887,187
BT5348	FNMA	2.500	296,304	-
BT5861	FNMA	2.500	737,400	722,178
BT8601	FNMA	3.000	158,954	156,603
BU1507	FNMA	2.500	5,316,039	5,230,709
BU2164	FNMA	3.000	1,355,186	1,333,295
BU7366	FNMA	2.500	769,282	757,114
BU8583	FNMA	2.500	6,109,974	6,009,422
BU8588	FNMA	3.000	5,280,196	5,200,463
BU8638	FNMA	2.500	1,444,765	1,421,905
BV3244	FNMA	3.000	5,738,259	5,647,807
BV3246	FNMA	3.500	712,842	703,159
CI7968	GNMA II	3.000	1,271,831	1,252,375
CI7969	GNMA II	3.000	1,536,042	1,512,515
CI8070	GNMA II	2.625	186,927	183,778
CI8072	GNMA II	2.750	6,107,222	6,009,438
CI8571	GNMA II	2.750	696,217	685,146
CI8572	GNMA II	2.875	1,364,955	1,343,087
CI8573	GNMA II	3.000	5,180,178	4,748,162
CI8575	GNMA II	3.000	5,873,631	5,781,843
CI8576	GNMA II	3.125	3,090,158	3,044,061
CI8577	GNMA II	3.250	5,385,506	5,307,048
CI8578	GNMA II	3.250	6,326,696	6,232,539
Subtotal			71,158,696	69,223,998
MBS Participation Interest (33.3333%)			23,719,542	23,074,643

2022 AB, continued

22AB Participation Interest in the following Mortgage-Backed Securities
(62.4950% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
QD4901	FHLMC	3.000 %	34.4738 %	$ 5,650,073	$ 5,565,713
QD6112	FHLMC	3.000	33.4930	3,134,619	3,087,641
BU8643	FNMA	3.000	34.8823	1,791,630	1,764,442
BU8644	FNMA	3.000	32.5305	5,856,596	5,773,503
BV0840	FNMA	3.000	34.8823	4,330,490	4,264,108
BV0841	FNMA	3.000	32.3606	5,242,711	5,140,972
CE3640	GNMA II	3.000	36.2240	885,694	538,461
CI8074	GNMA II	3.000	36.2240	6,131,687	6,036,105
CI8285	GNMA II	2.875	37.6729	6,560,492	6,456,038
CI8286	GNMA II	3.000	36.2240	3,246,012	3,196,083
CI8288	GNMA II	3.000	36.2240	5,982,809	5,889,446
CI8289	GNMA II	3.125	34.8823	3,062,933	3,016,282
CI8290	GNMA II	3.125	34.8823	4,174,256	4,110,815
CI8291	GNMA II	3.250	33.6365	3,009,952	2,964,491
CI8292	GNMA II	3.250	33.6365	4,182,609	4,121,381
Subtotal				63,242,563	61,925,481
MBS Participation Interest (62.4950%)				39,523,440	38,700,329
2022 AB Total				$ 99,887,557	$ 97,266,455

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2022 CD

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
QC6527	FHLMC	2.500	%	$	449,647	$ 442,707
QC7292	FHLMC	2.500			1,142,199	1,123,365
QD1046	FHLMC	3.000			1,146,954	1,129,809
QD1050	FHLMC	3.000			131,853	129,921
QD4900	FHLMC	2.500			614,982	603,718
QD6111	FHLMC	2.500			229,207	225,645
QD7104	FHLMC	2.500			226,075	222,547
QD7887	FHLMC	3.500			418,698	412,916
QD7888	FHLMC	3.000			250,492	246,912
BT0703	FNMA	2.500			559,234	550,280
BT5860	FNMA	2.500			504,372	494,555
BT5864	FNMA	2.500			395,568	389,813
BT8594	FNMA	2.500			813,044	606,519
BT8638	FNMA	2.500			612,385	489,786
BT8640	FNMA	2.500			210,866	207,433
BU1559	FNMA	2.500			314,507	309,704

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2022 CD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BU6037	FNMA	2.500 %	$ 542,700	$ 534,060
BU6039	FNMA	3.000	867,477	451,589
BU6040	FNMA	3.000	903,788	889,863
BU6041	FNMA	3.000	464,959	458,181
BU7368	FNMA	3.000	528,548	520,714
BU7369	FNMA	3.000	1,156,084	1,139,679
BU8639	FNMA	3.000	1,068,950	1,051,200
BU8645	FNMA	2.500	397,790	391,521
BU8646	FNMA	3.000	429,542	423,331
BV0838	FNMA	2.500	667,425	656,370
BV0842	FNMA	3.000	478,760	471,083
BV0843	FNMA	3.500	1,197,851	1,181,196
BV3243	FNMA	2.500	170,135	167,503
BV3247	FNMA	3.500	938,665	925,217
CE4038	GNMA II	3.000	832,220	819,155
CI7651	GNMA II	2.500	215,928	212,269
CI8082	GNMA II	3.000	1,244,027	1,224,809
Subtotal			20,124,932	19,103,367

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities
(66.6667% of the principal payments and 100% of the interest payments paid to 22CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QD1047	FHLMC	2.500 %	$ 379,916	$ 373,986
QD3011	FHLMC	2.500	1,549,723	1,413,107
QD6113	FHLMC	3.000	635,146	626,090
QD7105	FHLMC	3.000	2,752,751	2,640,981
BT0702	FNMA	2.500	902,595	887,187
BT5348	FNMA	2.500	296,304	-
BT5861	FNMA	2.500	737,400	722,178
BT8601	FNMA	3.000	158,954	156,603
BU1507	FNMA	2.500	5,316,039	5,230,709
BU2164	FNMA	3.000	1,355,186	1,333,295
BU7366	FNMA	2.500	769,282	757,114
BU8583	FNMA	2.500	6,109,974	6,009,422
BU8588	FNMA	3.000	5,280,196	5,200,463
BU8638	FNMA	2.500	1,444,765	1,421,905
BV3244	FNMA	3.000	5,738,259	5,647,807
BV3246	FNMA	3.500	712,842	703,159
CI7968	GNMA II	3.000	1,271,831	1,252,375
CI7969	GNMA II	3.000	1,536,042	1,512,515
CI8070	GNMA II	2.625	186,927	183,778
CI8072	GNMA II	2.750	6,107,222	6,009,438
CI8571	GNMA II	2.750	696,217	685,146
CI8572	GNMA II	2.875	1,364,955	1,343,087
CI8573	GNMA II	3.000	5,180,178	4,748,162
CI8575	GNMA II	3.000	5,873,631	5,781,843
CI8576	GNMA II	3.125	3,090,158	3,044,061
CI8577	GNMA II	3.250	5,385,506	5,307,048
CI8578	GNMA II	3.250	6,326,696	6,232,539
Subtotal			71,158,696	69,223,998
MBS Participation Interest (66.6667%)			47,439,154	46,149,355

2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities
(37.5050% of the principal payments and 100% of the interest payments paid to 22CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
QD4901	FHLMC	3.000 %	65.5262 %	$ 5,650,073	$ 5,565,713
QD6112	FHLMC	3.000	66.5070	3,134,619	3,087,641
BU8643	FNMA	3.000	65.1177	1,791,630	1,764,442
BU8644	FNMA	3.000	67.4695	5,856,596	5,773,503
BV0840	FNMA	3.000	65.1177	4,330,490	4,264,108
BV0841	FNMA	3.000	67.6394	5,242,711	5,140,972
CE3640	GNMA II	3.000	63.7760	885,694	538,461
CI8074	GNMA II	3.000	63.7760	6,131,687	6,036,105
CI8285	GNMA II	2.875	62.3271	6,560,492	6,456,038
CI8286	GNMA II	3.000	63.7760	3,246,012	3,196,083
CI8288	GNMA II	3.000	63.7760	5,982,809	5,889,446
CI8289	GNMA II	3.125	65.1177	3,062,933	3,016,282
CI8290	GNMA II	3.125	65.1177	4,174,256	4,110,815
CI8291	GNMA II	3.250	66.3635	3,009,952	2,964,491
CI8292	GNMA II	3.250	66.3635	4,182,609	4,121,381
Subtotal				63,242,563	61,925,481
MBS Participation Interest (37.5050%)				23,719,123	23,225,152

2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities
(83.0255% of the principal payments and 0% of the interest payments paid to 22CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
QD7886	FHLMC	3.000 %	47.0828 %	$ 1,940,567	$ 1,937,199
BT8596	FNMA	2.500	54.0586	5,212,543	5,202,869
BU2163	FNMA	2.500	54.0586	5,001,500	4,992,556
BU2169	FNMA	3.000	48.3357	3,925,195	3,918,623
BU8584	FNMA	3.000	51.9794	4,186,808	4,179,537
BU8585	FNMA	3.000	51.9794	4,343,924	4,336,252
BU8586	FNMA	3.000	51.9794	3,993,089	3,985,885
BU8587	FNMA	3.000	50.0543	3,488,034	3,481,878
BU8591	FNMA	3.000	45.0849	2,229,681	2,226,106
BU8642	FNMA	3.000	50.0543	4,360,089	4,352,446
BU8647	FNMA	3.000	44.5616	1,634,442	1,631,848
BV3245	FNMA	3.000	46.9389	4,311,696	4,303,867
CI8071	GNMA II	2.750	56.3111	4,948,548	4,939,313
CI8101	GNMA II	2.750	56.3111	4,073,973	4,066,594
CI8574	GNMA II	3.000	51.9794	4,214,133	4,206,733
				$ 57,864,223	57,761,707
MBS Participation Interest (83.0255%)				48,042,060	47,956,946

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities
(29.8183% of the principal payments and 0% of the interest payments paid to 22CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QD9761	FHLMC	3.500 %	$ 521,286	$ 520,498
QE6934	FHLMC	5.000	212,481	212,249
QE6935	FHLMC	5.500	141,820	141,672
QF2316	FHLMC	5.500	4,939,998	4,934,811
QF2318	FHLMC	5.500	120,889	120,770
QF2320	FHLMC	5.500	134,862	133,724
QF3231	FHLMC	5.500	5,021,073	5,015,737
BU7367	FNMA	3.000	686,108	684,820
BU8650	FNMA	3.000	945,890	944,291
BU8651	FNMA	3.000	421,489	420,839
BV3248	FNMA	3.000	499,030	498,194
BV3250	FNMA	3.000	799,181	797,894
BV5141	FNMA	3.000	627,023	626,019
BW5396	FNMA	5.000	199,336	199,036
BW5444	FNMA	5.500	614,120	613,478
BW5445	FNMA	5.500	208,161	207,949
BW6634	FNMA	4.500	262,391	261,976
BW6642	FNMA	5.000	245,935	245,666
BW7973	FNMA	4.000	164,707	164,473
BX0318	FNMA	5.500	4,209,710	4,204,848
BX0319	FNMA	5.500	5,599,046	5,592,717

MINNESOTA HOUSING

2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities
(29.8183% of the principal payments and 0% of the interest payments paid to 22CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
CI7955	GNMA II	2.750 %	$ 667,305	$ 666,087
CI8083	GNMA II	3.000	1,013,973	1,012,191
CI78580	GNMA II	3.000	822,903	821,486
CI78585	GNMA II	3.000	687,631	686,502
CL7356	GNMA II	3.250	996,671	995,021
CO8064	GNMA II	4.375	136,572	136,392
CO8066	GNMA II	5.250	532,242	531,646
CO8069	GNMA II	5.500	480,988	480,470
CO8231	GNMA II	3.500	65,171	65,070
CO8232	GNMA II	3.875	262,029	261,654
CO8233	GNMA II	5.000	584,909	584,228
CO8242	GNMA II	4.750	115,029	114,888
			32,939,959	32,897,298
MBS Participation Interest (29.8183%)			9,822,136	9,809,415
2022 CD Total			$ 149,147,406	$ 146,244,235

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 EF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QE4255	FHLMC	4.000 %	$ 436,213	$ 432,726
QE4256	FHLMC	4.500	182,845	181,543
QE4257	FHLMC	5.000	1,143,936	1,135,932
QE4258	FHLMC	5.500	527,160	523,896
QE4259	FHLMC	5.000	256,953	255,246
BU6038	FNMA	2.500	679,475	671,011
BU8592	FNMA	2.500	286,811	283,825
BU8593	FNMA	3.000	450,583	445,814
BU8594	FNMA	3.000	984,162	974,104
BU8596	FNMA	3.000	966,423	956,145
BU8649	FNMA	3.000	826,606	817,735
BV0845	FNMA	3.000	299,838	296,350
BV5138	FNMA	4.000	856,851	849,542
BV5139	FNMA	3.500	526,816	522,177
BV5140	FNMA	4.000	530,306	525,845
BW2124	FNMA	4.000	2,132,329	2,114,740
BW2125	FNMA	4.500	3,856,897	3,827,545
BW2126	FNMA	5.000	8,097,064	8,039,263
BW2127	FNMA	4.500	683,367	678,451

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 EF, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BW2128	FNMA	5.000 %	$ 1,462,824	$ 1,452,629
BW2129	FNMA	5.500	823,662	818,419
CI7964	GNMA II	2.750	1,007,505	996,121
CI8079	GNMA II	2.750	772,534	764,263
CI8294	GNMA II	3.000	591,136	426,057
CI8296	GNMA II	3.125	845,250	836,836
CI8297	GNMA II	3.250	1,003,016	992,951
CI8579	GNMA II	2.750	738,748	730,996
CI8582	GNMA II	3.000	773,190	764,171
CI8583	GNMA II	3.000	829,378	820,070
CI8584	GNMA II	3.000	800,147	792,362
CL7276	GNMA II	3.125	1,201,962	1,189,768
CL7900	GNMA II	4.000	2,426,587	2,406,183
CL7901	GNMA II	4.375	2,372,299	2,353,467
CL7902	GNMA II	4.500	1,019,350	1,010,941
CL7903	GNMA II	4.625	3,891,537	3,862,397
CL7904	GNMA II	4.750	1,510,461	1,499,359
CL7905	GNMA II	4.875	3,422,561	3,397,693
CL7906	GNMA II	5.000	7,540,802	7,486,537
CL7907	GNMA II	5.250	3,879,815	3,853,531
CL7947	GNMA II	5.500	1,038,106	1,031,382

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 EF, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QD8777	FHLMC	3.000 %	$ 188,595	$ 187,101
QE5024	FHLMC	4.500	525,680	522,491
QE5025	FHLMC	5.000	1,018,474	1,012,674
QE5026	FHLMC	5.000	188,938	187,864
QE5027	FHLMC	5.500	962,351	956,454
QE5991	FHLMC	4.500	209,107	207,862
QE5992	FHLMC	5.000	2,097,171	2,079,551
QE5993	FHLMC	5.500	853,043	848,442
QE5994	FHLMC	5.500	440,889	438,547
BV3249	FNMA	3.000	532,344	527,607
BV3331	FNMA	3.000	768,765	762,392
BV3332	FNMA	3.500	162,437	161,171
BW4002	FNMA	4.000	803,281	797,882
BW4003	FNMA	4.500	3,062,806	3,042,325
BW4004	FNMA	5.000	5,728,192	5,694,264
BW4005	FNMA	5.000	4,258,624	4,234,804
BW4006	FNMA	5.500	1,870,160	1,860,376
BW4007	FNMA	5.500	1,678,853	1,668,602
BW5391	FNMA	4.500	641,551	637,562
BW5392	FNMA	5.000	4,772,932	4,745,571

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

MINNESOTA HOUSING

2022 EF, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BW5393	FNMA	5.000 %	$ 8,034,079	$ 7,979,027
BW5394	FNMA	5.500	4,034,310	4,011,222
BW5395	FNMA	5.500	3,157,931	3,141,180
CI8293	GNMA II	2.750	620,180	614,576
CL7353	GNMA II	3.000	593,745	588,568
CO8054	GNMA II	3.875	111,387	110,590
CO8055	GNMA II	4.250	704,049	699,359
CO8056	GNMA II	4.625	1,682,585	1,671,636
CO8057	GNMA II	4.875	1,517,317	1,508,271
CO8058	GNMA II	5.000	5,028,042	4,997,755
CO8059	GNMA II	5.125	2,381,188	2,366,976
CO8060	GNMA II	5.250	5,966,273	5,931,601
CO8061	GNMA II	5.250	6,364,308	6,325,322
CO8062	GNMA II	5.375	553,964	550,970
CO8063	GNMA II	5.500	3,921,140	3,899,375
QE6929	FHLMC	5.500	709,505	705,072
QE6933	FHLMC	5.500	218,347	217,196
BW5438	FNMA	3.000	158,661	157,402
BW5439	FNMA	5.000	7,302,137	7,260,601
BW5440	FNMA	5.500	4,617,657	4,592,527
2022 EF Total			$ 150,116,501	$ 148,920,788

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 GH

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QC2578	FHLMC	2.500 %	$ 974,788	$ 969,288
QE8887	FHLMC	5.000	872,983	869,352
QE8888	FHLMC	5.500	2,680,253	2,670,678
QF0031	FHLMC	5.000	201,659	201,006
QF0032	FHLMC	5.500	4,586,833	4,570,245
QF0033	FHLMC	6.000	1,134,232	1,130,475
QF0034	FHLMC	5.500	255,497	254,739
QF0035	FHLMC	6.000	305,550	304,737
BR8377	FNMA	2.500	889,224	883,188
BR9511	FNMA	2.500	845,731	840,685
BT5381	FNMA	3.000	606,412	602,499
BU7365	FNMA	2.500	543,444	540,200
BU8648	FNMA	2.500	466,364	463,832
BW6635	FNMA	5.000	8,235,033	8,205,833
BW6638	FNMA	4.500	232,942	232,105
BW7974	FNMA	5.000	2,384,879	2,376,717
BW7975	FNMA	5.500	7,429,114	7,404,960
BW7976	FNMA	6.000	870,789	868,298
BW7977	FNMA	5.000	331,787	330,705
BW7978	FNMA	5.500	393,213	392,039
BW7979	FNMA	6.000	2,687,517	2,678,700
BW9091	FNMA	5.000	335,230	333,834

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 GH, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BW9092	FNMA	5.500 %	$ 5,791,430	$ 5,773,416
BW9093	FNMA	5.500	5,095,152	5,079,454
BW9094	FNMA	6.000	1,003,125	1,000,267
BW9095	FNMA	5.500	604,541	602,696
BW9096	FNMA	6.000	1,911,431	1,906,127
CB2324	GNMA II	2.750	833,626	828,894
CB2731	GNMA II	2.500	832,484	827,813
CE3348	GNMA II	2.750	499,408	496,477
CE3637	GNMA II	2.500	379,500	377,376
CE3638	GNMA II	2.750	596,220	592,949
CI7663	GNMA II	2.750	1,064,851	1,059,056
CI7664	GNMA II	2.750	1,199,794	1,193,255
CI7667	GNMA II	3.000	1,195,099	1,188,605
CI8081	GNMA II	2.875	1,049,605	1,043,806
CO8471	GNMA II	4.125	268,556	267,445
CO8472	GNMA II	4.375	161,171	160,534
CO8473	GNMA II	5.250	562,466	560,390
CO8474	GNMA II	5.375	711,169	708,084
CO8475	GNMA II	5.500	5,585,071	5,567,051
CO8476	GNMA II	5.500	4,100,271	4,086,496
CO8477	GNMA II	5.625	5,204,742	5,188,410
CO8478	GNMA II	5.750	4,227,658	4,214,333
CO8479	GNMA II	5.750	4,302,373	4,289,025
CO8480	GNMA II	5.875	1,655,099	1,649,993
CO8481	GNMA II	6.000	994,724	991,623

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 GH, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QF0906	FHLMC	5.500 %	$ 5,841,982	$ 5,829,496
QF0907	FHLMC	6.000	433,808	433,190
QF1526	FHLMC	5.500	1,431,222	1,428,208
QF1527	FHLMC	6.000	1,088,715	1,086,627
BW2130	FNMA	4.000	905,888	903,460
BW4008	FNMA	4.500	74,574	74,381
BW9097	FNMA	4.500	259,821	259,166
BW9149	FNMA	5.000	307,883	307,210
BW9150	FNMA	5.500	6,864,427	6,848,553
BW9151	FNMA	6.000	997,766	995,535
BW9152	FNMA	5.500	246,607	246,096
BW9153	FNMA	6.000	1,944,875	1,941,229
BX0303	FNMA	5.500	5,281,108	5,267,884
BX0304	FNMA	5.500	2,130,521	2,125,904
BX0305	FNMA	5.500	1,815,238	1,811,493
BX0306	FNMA	5.500	1,366,311	1,363,501
BX0307	FNMA	5.500	919,986	918,032
BX0308	FNMA	6.000	1,198,339	1,196,127
CL7357	GNMA II	3.375	854,511	851,787
CL7952	GNMA II	5.125	944,308	942,169
CO8652	GNMA II	5.250	237,066	236,443
CO8653	GNMA II	5.375	8,086,859	8,067,337
CO8654	GNMA II	5.500	6,729,313	6,713,770
CO8655	GNMA II	5.625	5,733,506	5,721,502
CO8656	GNMA II	5.750	6,526,343	6,510,881
CO8657	GNMA II	5.875	694,021	692,584
2022 GH Total			$ 150,008,037	$ 149,550,254

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 IJK

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QF2317	FHLMC	6.000 %	$ 686,516	$ 685,733
QF2319	FHLMC	6.000	968,580	967,683
QF3232	FHLMC	6.000	1,283,176	1,281,903
QF3234	FHLMC	5.500	213,192	212,984
QF3868	FHLMC	5.500	929,884	928,950
QF3869	FHLMC	6.000	777,884	777,159
QF3872	FHLMC	6.500	1,506,439	1,505,104
QF4519	FHLMC	6.000	1,253,138	1,253,138
QF4520	FHLMC	6.500	1,505,164	1,505,164
QF4521	FHLMC	7.000	2,170,547	2,170,547
BX0320	FNMA	6.000	695,867	695,117
BX0321	FNMA	5.500	483,080	482,608
BX0322	FNMA	6.000	1,101,258	1,100,231
BX1462	FNMA	5.500	5,779,847	5,774,053
BX1463	FNMA	6.000	2,974,517	2,971,726
BX1464	FNMA	6.500	282,429	282,189
BX1465	FNMA	5.500	353,556	353,210
BX1466	FNMA	6.000	1,558,083	1,556,641
BX1467	FNMA	6.500	1,297,434	1,296,330
BX2761	FNMA	5.500	2,788,151	2,785,388
BX2762	FNMA	6.000	3,384,569	3,381,464
BX2763	FNMA	6.500	2,662,078	2,659,786
BX2994	FNMA	6.000	1,959,314	1,959,314
BX2995	FNMA	6.500	5,151,323	5,151,323

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 IJK

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
CO8834	GNMA II	5.375 %	$	2,975,279	$	2,971,983
CO8835	GNMA II	5.500		2,929,008		2,925,861
CO8836	GNMA II	5.625		6,937,734		6,930,636
CO8837	GNMA II	5.750		1,935,579		1,933,576
CO8838	GNMA II	5.875		5,704,083		5,697,904
CO8839	GNMA II	6.000		603,197		602,525
CO8840	GNMA II	6.125		1,485,328		1,483,353
CO8841	GNMA II	6.375		414,528		414,162
CO8842	GNMA II	6.500		1,016,783		1,015,900
CO8843	GNMA II	6.625		758,016		757,309
CO8844	GNMA II	6.750		553,955		553,501
2022 IJK Total			$	67,079,516	$	67,024,454

MINNESOTA HOUSING

2022 IJK continued

22IJK Participation Interest in the following Mortgage-Backed Securities
(70.1817% of the principal payments and 100% of the interest payments paid to 22IJK)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QD9761	FHLMC	3.500 %	$ 521,286	$ 520,498
QE6934	FHLMC	5.000	212,481	212,249
QE6935	FHLMC	5.500	141,820	141,672
QF2316	FHLMC	5.500	4,939,998	4,934,811
QF2318	FHLMC	5.500	120,889	120,770
QF2320	FHLMC	5.500	134,862	133,724
QF3231	FHLMC	5.500	5,021,073	5,015,737
BU7367	FNMA	3.000	686,108	684,820
BU8650	FNMA	3.000	945,890	944,291
BU8651	FNMA	3.000	421,489	420,839
BV3248	FNMA	3.000	499,030	498,194
BV3250	FNMA	3.000	799,181	797,894
BV5141	FNMA	3.000	627,023	626,019
BW5396	FNMA	5.000	199,336	199,036
BW5444	FNMA	5.500	614,120	613,478
BW5445	FNMA	5.500	208,161	207,949
BW6634	FNMA	4.500	262,391	261,976
BW6642	FNMA	5.000	245,935	245,666
BW7973	FNMA	4.000	164,707	164,473
BX0318	FNMA	5.500	4,209,710	4,204,848
BX0319	FNMA	5.500	5,599,046	5,592,717

MINNESOTA HOUSING

2022 IJK continued

22IJK Participation Interest in the following Mortgage-Backed Securities
(70.1817% of the principal payments and 100% of the interest payments paid to 22IJK)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
CI7955	GNMA II	2.750 %	$ 667,305	$ 666,087
CI8083	GNMA II	3.000	1,013,973	1,012,191
CI78580	GNMA II	3.000	822,903	821,486
CI78585	GNMA II	3.000	687,631	686,502
CL7356	GNMA II	3.250	996,671	995,021
CO8064	GNMA II	4.375	136,572	136,392
CO8066	GNMA II	5.250	532,242	531,646
CO8069	GNMA II	5.500	480,988	480,470
CO8231	GNMA II	3.500	65,171	65,070
CO8232	GNMA II	3.875	262,029	261,654
CO8233	GNMA II	5.000	584,909	584,228
CO8242	GNMA II	4.750	115,029	114,888
			32,939,959	32,897,298
MBS Participation Interest (70.1817%)			23,117,823	23,087,883

MINNESOTA HOUSING

2022 IJK continued

22IJK Participation Interest in the following Mortgage-Backed Securities
(16.9745% of the principal payments and 100% of the interest payments paid to 22IJK)

Pool Number	Pool Type	Pass-Through Interest Rate	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
QD7886	FHLMC	3.000 %	52.9172 %	$ 1,940,567	$ 1,937,199
BT8596	FNMA	2.500	45.9414	5,212,543	5,202,869
BU2163	FNMA	2.500	45.9414	5,001,500	4,992,556
BU2169	FNMA	3.000	51.6643	3,925,195	3,918,623
BU8584	FNMA	3.000	48.0206	4,186,808	4,179,537
BU8585	FNMA	3.000	48.0206	4,343,924	4,336,252
BU8586	FNMA	3.000	48.0206	3,993,089	3,985,885
BU8587	FNMA	3.000	49.9457	3,488,034	3,481,878
BU8591	FNMA	3.000	54.9151	2,229,681	2,226,106
BU8642	FNMA	3.000	49.9457	4,360,089	4,352,446
BU8647	FNMA	3.000	55.4384	1,634,442	1,631,848
BV3245	FNMA	3.000	53.0611	4,311,696	4,303,867
CI8071	GNMA II	2.750	43.6889	4,948,548	4,939,313
CI8101	GNMA II	2.750	43.6889	4,073,973	4,066,594
CI8574	GNMA II	3.000	48.0206	4,214,133	4,206,733
				$ 57,864,223	57,761,707
MBS Participation Interest (16.9745%)				9,822,162	9,804,761
2022 IJK Total				$ 100,019,502	$ 99,917,098

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of December 31, 2022

2022 LMN

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QE7875	FHLMC	5.000 %	$ 170,764	$ 170,764
QE8889	FHLMC	5.000	333,039	333,039
QF4518	FHLMC	5.500	383,011	383,011
BW5442	FNMA	5.000	757,427	757,427
BW5443	FNMA	5.000	727,442	727,442
BW7981	FNMA	5.500	757,122	757,122
BW7982	FNMA	5.500	672,072	672,072
BW9098	FNMA	5.000	131,381	131,381
BX0311	FNMA	6.000	265,789	265,789
BX1469	FNMA	6.000	430,770	430,770
BX2996	FNMA	7.000	4,126,668	4,126,668
CL7358	GNMA II	3.500	888,379	888,379
CO8067	GNMA II	5.250	742,111	742,111
CO8243	GNMA II	5.250	878,612	878,612
CO8245	GNMA II	5.375	267,874	267,874
CO8246	GNMA II	5.500	889,646	889,646
CO9011	GNMA II	5.375	562,509	562,509
CO9012	GNMA II	5.625	1,849,785	1,849,785
CO9013	GNMA II	5.875	2,099,342	2,099,342
CO9014	GNMA II	6.000	1,521,409	1,521,409
CS1740	GNMA II	6.875	1,797,629	1,797,629
CS1741	GNMA II	6.750	2,140,954	2,140,954
CS1742	GNMA II	6.625	3,982,436	3,982,436
CS1743	GNMA II	6.500	3,249,127	3,249,127
CS1744	GNMA II	6.375	810,721	810,721
CS1745	GNMA II	6.250	674,197	674,197
CS1746	GNMA II	6.125	988,534	988,534
2022 LMN Total			$ 32,098,749	$ 32,098,749

Refer to disclaimer on page A-1.

MINNESOTA HOUSING

Residential Housing Finance Bond Resolution
Whole Loan Mortgage Insurance
Information as of December 31, 2022

Series	FHA	VA	Rural Development	MGIC	Genworth	Other Private Mortgage Insurers*	Uninsured	Total
Retired	$ 1,247,625	$ 22,131	$ 161,635	$ -	$ -	$ -	$ 321,823	$ 1,753,214
07M	583,600	82,693	604,658	493,989	127,663	102,376	1,747,526	3,742,505
07M-40 Year	-	-	-	921,732	68,558	376,102	344,126	1,710,518
12ABCD	8,400,865	314,311	3,502,203	9,121	-	-	3,182,409	15,408,909
13ABC	2,395,344	85,596	1,971,645	96,498		-	3,178,840	7,727,923
14A	1,313,514	75,836	536,865	4,078	18,494	15,375	747,818	2,711,980
14B	2,146,874	20,501	631,668	29,673	7,037	-	644,144	3,479,897
14CDE	8,734,001	664,367	7,834,655	1,321,994	151,246	554,839	16,805,972	36,067,074
15ABCD	2,606,454	155,931	1,720,253	363,686	128,519	247,416	5,596,341	10,818,600
15ABCD-40 Year	-	-	-	117,192	-	660,725	158,794	936,711
15EFG	4,276,602	212,358	5,184,276	740,092	399,871	481,778	10,231,762	21,526,739
15EFG-40 Year	-	-	-	1,058,627	428,108	1,158,526	1,246,912	3,892,173
16ABC	1,156,919	195,980	2,520,133	1,198,011	780,185	487,328	7,715,439	14,053,995
16ABC-40 Year	-	-	-	1,956,840	615,902	1,367,263	1,301,573	5,241,578
16DEF	1,702,073	229,979	1,152,399	762,695	217,684	151,530	2,748,477	6,964,837
16DEF-40 Year	-	-	-	1,372,960	102,120	560,220	512,592	2,547,892
17ABC	6,964,914	78,050	3,278,681	743,051	287,122		4,547,919	15,899,737
17ABC-40 Year	-	-	-	1,832,071	605,443	745,427	1,874,266	5,057,207
17DEF	3,903,299	-	1,140,299	-	33,549	-	2,600,767	7,677,914
17DEF-40 Year	-	-	-	1,132,005	-	597,120	973,267	2,702,392
18ABCD	3,918,691	-	2,233,097	-	9,959	-	2,349,563	8,511,310
19ABCD	11,753,052	104,998	2,183,835	70,440	16,578	26,014	2,388,982	16,543,899
Total Bond Financed	$ 61,103,827	$ 2,242,731	$ 34,656,302	$ 14,224,755	$ 3,998,038	$ 7,532,039	$ 71,219,312	$ 194,977,004
	31.34%	1.15%	17.77%	7.30%	2.05%	3.86%	36.53%	100.00%

RMIC 1.701%, United 1.072%, PMI 0.638%, Radian Guarantee Fund 0.214%, Commonwealth 0.080%, Triad 0.157%, Amerin 0.000%

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Delinquency and Foreclosure Statistics
Information as of December 31, 2022

MINNESOTA HOUSING

			Payments Past Due as a Percentage of the Number of Loans Outstanding								
			30-59 Days		60-89 Days		90-119 Days		120 Days and Greater (1)		Total (2)
Bond Financed:	Number of Loans	Balance Outstanding	#	%	#	%	#	%	**#**	**%**	**%**
Retired	39.0	$1,753,214	4.0	10.26	3.0	7.69	1.0	2.56	3.0	7.69	17.95
07M	51.2	3,742,506	2.0	3.91	0.4	0.78	0.8	1.56	2.2	4.30	6.64
07M-40 Yr	12.2	1,710,518	-	-	0.4	3.28	-	-	0.8	6.56	9.84
12ABCD	397.5	15,408,909	18.0	4.53	6.0	1.51	2.0	0.50	10.0	2.52	4.53
13ABC	193.0	7,727,923	10.0	5.18	2.0	1.04	1.0	0.52	5.0	2.59	4.15
14A	133.0	2,711,980	2.0	1.50	1.0	0.75	-	-	4.0	3.01	3.76
14B	122.0	3,479,897	2.0	1.64	-	-	1.0	0.82	4.0	3.28	4.10
14CDE	536.0	36,067,074	27.0	5.04	7.0	1.31	2.0	0.37	12.0	2.24	3.92
15ABCD	147.0	10,818,600	7.0	4.76	5.5	3.74	-	-	6.0	4.08	7.82
15ABCD-40 Year	6.0	936,711	-	-	-	-	-	-	-	-	-
15EFG	322.5	21,526,737	13.0	4.03	5.0	1.55	2.0	0.62	14.5	4.50	6.67
15EFG-40 Year	28.0	3,892,173	2.0	7.14	-	-	-	-	2.0	7.14	7.14
16ABC	184.0	14,053,994	12.0	6.52	6.5	3.53	3.0	1.63	4.5	2.45	7.61
16ABC-40 Year	41.0	5,241,578	-	-	2.0	4.88	-	-	2.0	4.88	9.76
16DEF	141.8	6,964,838	5.0	3.53	1.6	1.13	2.2	1.55	5.3	3.74	6.42
16DEF-40 Year	17.8	2,547,892	-	-	0.6	3.37	-	-	1.2	6.74	10.11
17ABC	231.0	15,899,737	12.5	5.41	3.0	1.30	1.5	0.65	6.5	2.81	4.76
17ABC-40 Year	46.0	5,057,207	4.0	8.70	1.0	2.17	-	-	3.0	6.52	8.70
17DEF	102.0	7,677,914	3.0	2.94	2.0	1.96		-	6.0	5.88	7.84
17DEF-40 Year	24.0	2,702,393	-	-	-	-	-	-	-	-	-
18ABCD	179.5	8,511,310	7.0	3.90	4.0	2.23	3.0	1.67	4.0	2.23	6.13
19ABCD	353.5	16,543,899	16.5	4.67	5.0	1.41	2.5	0.71	19.0	5.37	7.50
Total Bond Financed	3,308.0	$194,977,004	147.0	4.44	56.0	1.69	22.0	0.67	115.0	3.48	5.83

All Loans are serviced by US Bank Home Mortgage.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

(1) Included in "Foreclosures" are loans for which the sheriff's sale has been held and the redemption period (generally six months) has not yet elapsed in addition to those customarily included in delinquency statistics.

(2) 30-59 days not included in total.

See page G-2 for comparative delinquency and foreclosure statistics.

continued from page G-1.

Comparative 60+ Day Delinquency Statistics[(1)]	**9/30/2022**	**12/31/2022**
Residential Housing Finance Bond Resolution Loan Portfolio	3.86%	3.94%
Mortgage Bankers Association of America, Minnesota[(2)]	2.80%	not yet available
Mortgage Bankers Association of America, National[(2)]	2.85%	not yet available

Comparative Foreclosure Statistics[(3)]	**9/30/2022**	**12/31/2022**
Residential Housing Finance Bond Resolution Loan Portfolio	1.72%	1.61%
Mortgage Bankers Association of America, Minnesota[(2)]	0.66%	not yet available
Mortgage Bankers Association of America, National[(2)]	0.76%	not yet available

(1) This table compares 60+ day delinquency statistics. The delinquency rates do not include those delinquent loans referred to an attorney, where the first legal documents have been filed, or where any further foreclosure proceedings have occurred. Thus, the percentage for the Residential Housing Finance Bond Resolution loan portfolio differs from that in the table on page G-1.

(2) Mortgage Bankers Association of America average of 60+ days delinquency and foreclosure statistics adjusted by the Agency to reflect the proportions of insurance types in the Residential Housing Finance Bond Resolution loan portfolio. The unadjusted 9/30/22 Mortgage Bankers Association of America average 60+ days delinquency rate is 1.72% Minnesota and 2.35% national. The unadjusted 9/30/22 Mortgage Bankers Association of America foreclosure rate is 0.30% Minnesota and 0.52% national. None of the delinquency and foreclosure rates presented are seasonally adjusted. Reprinted by permission of the Mortgage Bankers Association. For more information, contact the Mortgage Bankers Association, 1331 L Street NW, Washington D.C. 20005, (202) 557-2700 http://www.mortgagebankers.org

(3) This table compares foreclosure statistics, where "foreclosures" include only those loans referred to an attorney and with the first legal documents filed, but not loans for which a foreclosure sale has been held. Thus, the percentage for the Residential Housing Finance Bond Resolution loan portfolio is not directly comparable to the table on page G-1.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Delinquency and Foreclosure Statistics
Information as of December 31, 2022

CARES Act Forbearances

Bond Financed	No. of Loans	Loan Balance	Average Balance	Monthly Payment Amount Due	Number of Months (monthly payments) Past Due	Average Number of Months (monthly payments) Past Due
Retired	2.0	69,105	34,553	357	15.0	7.5
07M	0.6	73,233	122,055	477	5.8	9.7
07M-40 Year	0.0	0	0	0	0.0	0.0
12ABCD	1.0	28,983	28,983	325	14.0	14.0
13ABC	1.0	67,947	67,947	401	3.0	3.0
14A	0.0	0	0	0	0.0	0.0
14B	2.0	72,861	36,431	845	24.0	12.0
14CDE	2.0	131,998	65,999	1,184	8.0	4.0
15ABCD	0.5	46,606	93,211	413	1.0	2.0
15ABCD-40 Year	0.0	0	0	0	0.0	0.0
15EFG	3.5	276,332	78,952	1,777	27.0	7.7
15EFG-40 year	0.0	0	0	0	0.0	0.0
16ABC	1.5	198,036	132,024	821	10.5	7.0
16ABC-40 Year	1.0	167,439	167,439	613	2.0	2.0
16DEF	0.9	109,850	122,055	716	8.7	9.7
16DEF-40 Year	0.0	0	0	0	0.0	0.0
17ABC	1.0	21,958	21,958	289	12.0	12.0
17ABC-40 Yr	1.0	113,058	113,058	706	10.0	10.0
17DEF	2.0	91,704	45,852	1,002	16.0	8.0
17DEF-40 Yr	0.0	0	0	0	0.0	0.0
18ABCD	0.0	0	0	0	0.0	0.0
19ABCD	4.0	257,330	64,332	1,757	19.0	4.8
Total	24.0	1,726,438	71,935	11,683	176.0	7.33

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Real Estate Owned Activity on Uninsured Loans
Information as of December 31, 2022

	Real Estate Owned*								
Series	No. of Prop.		Loan Balance		Average Balance		Net Amount Due		Average Net Due
07M	0.4		84,161		210,403		1,861		4,653
13ABC	1.0		34,258		34,258		38,213		38,213
16DEF	0.6		125,362		208,937		2,784		4,640
17ABC	0.5		67,127		134,254		(16,403)		(32,806)
19ABCD	0.5		67,127		134,254		(6,408)		(12,816)
Total	3.0	$	378,035	$	126,012	$	20,047	$	6,682

*MHFA holds title - property is not sold.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Insurance Claims Activity
Information as of December 31, 2022

	REO Pending Claims* PMI				
Bond Financed	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	1.0	$ 38,767	38,767	45,343	45,343
07M	0.8	42,264.0	52,830	45,837.0	57,296
14B	1.0	40,715	40,715	(2,445)	(2,445)
14CDE	3.0	98,189	32,730	15,199	5,066
15ABCD	1.0	29,042	29,042	(6,014)	(6,014)
15EFG	3.0	260,971	86,990	104,898	34,966
16ABC	2.0	137,167	68,584	51,701	25,851
16DEF(L)	1.2	62,955	52,463	68,281	56,901
17ABC	1.0	48,142	48,142	(27,704)	(27,704)
17ABC-40 Year	1.0	146,676	146,676	(11,480)	(11,480)
17DEF	1.0	35,638	35,638	42,065	42,065
Total	16.0	$ 940,526	$ 58,783	$ 325,681	$ 20,355

*MHFA has not received all proceeds/cost of sale.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages FHA Mortgage Insurance/VA Guaranty Pending Claims
Information as of December 31, 2022

	FHA/VA Mortgage Insurance/VA Guaranty Pending Claims *				
Series	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
12ABCD	6.0	248,564	41,427	246,449	41,075
13ABC	1.0	9,092	9,092	(47,086)	(47,086)
14A	1.0	4,947	4,947	5,260	5,260
14CDE	1.0	40,233	40,233	(20,206)	(20,206)
15ABCD	1.0	62,827	62,827	(12,263)	(12,263)
15EFG	1.5	46,198	30,799	(23,883)	(15,922)
16ABC	0.5	25,822	51,644	505	1,010
17ABC	1.0	162,028	162,028	179,722	179,722
17DEF	1.0	100,935	100,935	107,487	107,487
19ABCD	2.0	37,659	18,830	5,351	2,676
Total	16.0	$ 738,305	$ 46,144	$ 441,336	$ 27,584

*The Agency has not received all proceeds/cost of sale - property has been sold.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interes payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Real Estate Owned/Completed Insurance Claims Activity
Cumulative Information as of December 31, 2022

Series	Completed Claims (1) No. of Prop.	Loan Balance (2)	Average Balance	Gain (Loss)	Average Gain (Loss)
Bond Financed:					
RHFB Retired	3,484.3	$ 415,221,842	$ 119,169	$ (80,427,100)	$ (23,083)
RHFB 06LMN	56.0	6,511,329	116,274	(1,646,289)	(29,398)
RHFB 07M	102.2	12,756,230	124,816	(3,018,322)	(29,533)
RHFB 07M-40 Year	34.8	5,547,027	159,397	(1,510,095)	(43,394)
RHFB 2012ABCD	130.0	8,940,387	68,772	(1,074,828)	(8,268)
RHFB 2013ABC	50.5	3,559,318	70,482	(418,134)	(8,280)
RHFB 2014A	3.0	176,926	58,975	(86)	(29)
RHFB 2014B	6.0	317,154	52,859	(3,348)	(558)
RHFB 2014CDE	87.0	8,323,371	95,671	(1,083,661)	(12,456)
RHFB 2015ABCD	41.5	3,874,489	93,361	(417,413)	(10,058)
RHFB 2015ABCD-40 YR	2.0	356,538	178,269	(55,490)	(27,745)
RHFB 2015EFG	42.0	4,025,773	95,852	(535,555)	(12,751)
RHFB 2015EFG-40 Year	13.0	1,863,966	143,382	(185,579)	(14,275)
RHFB 2016ABC	39.5	4,237,352	107,275	(351,910)	(8,909)
RHFB 2016ABC-40 Year	11.0	1,692,642	153,877	(125,841)	(11,440)
RHFB 2016DEF	14.2	1,044,023	73,523	(98,723)	(6,952)
RHFB 2016DEF-40 Year	3.0	409,518	136,506	(34,190)	(11,397)
RHFB 2017ABC	16.5	1,470,983	89,151	(85,703)	(5,194)
RHFB 2017ABC-40 Year	3.0	331,720	110,573	(9,843)	(3,281)
RHFB 2017DEF	8.0	755,020	94,378	(36,112)	(4,514)
RHFB 2018ABCD	2.0	98,016	49,008	(5,715)	(2,857)
RHFB 2019ABCD	3.5	374,950	107,129	(55,229)	(15,780)
Total	4,153.0	$ 481,888,576	$ 116,034	$ (91,179,167)	$ (21,955)

(1) The Agency has received all proceeds - loans written off.

(2) Real Estate Owned is carried at the unpaid principal and interest amount as of the date title is transferred to the Agency plus improvements and maintenance costs less any insurance or sale proceeds received. The carrying value is reduced by any expected loss on disposition of the property. The Agency stops accruing interest on loans as of the date title to the underlying property is transferred to the Agency, because it is impossible to accurately predict the date of receipt and amount of final insurance proceeds. In some instances, a portion or all of the unrecorded interest income is paid by the insurer. An accounting gain for an individual loan results when the interest paid by the insurer exceeds the unreimbursed expenses of foreclosure.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Prepayment Report
Information as of December 31, 2022

MINNESOTA HOUSING

Bond Financed	Weighted Average Interest Rate Based on Total Loans Purchased		Total Loan Purchases: # of Loans	Total Loan Purchases: Amount	Prepayments/REO 12 Months Ended 12/31/2022: # of Loans	Prepayments/REO 12 Months Ended 12/31/2022: Amount	Curtailments 12 Months Ended 12/31/2022	Prepayments/ REO Total # to Date	Curtailments and Prepayments/ REO Total To Date
RHFB Retired	5.88	%	14,161.7	$ 1,553,772,752	5.0	$ 215,585	$ 23,683	14,121.0	$ 1,212,298,489
RHFB 2007M	5.96		435.3	51,601,162	8.0	597,962	37,831	382.8	42,684,486
RHFB 2007M-40 Yr	6.09		87.6	13,786,495	1.2	126,345	8,078	75.6	9,669,636
RHFB 2012ABCD	6.10		1,411.0	96,047,766	39.5	1,500,062	237,650	1,015.0	58,078,028
RHFB 2013ABC	5.96		641.0	42,482,583	29.5	608,730	207,649	446.0	23,314,139
RHFB 2014A	6.13		381.0	15,938,679	14.0	183,269	84,335	247.0	7,327,303
RHFB 2014B	6.13		419.0	15,978,942	28.0	228,776	57,415	295.0	5,893,792
RHFB 2014CDE	5.15		1,554.0	147,424,535	50.0	3,128,891	559,111	1,013.5	84,963,596
RHFB 2015ABCD	5.56		538.0	52,474,015	15.0	1,197,775	94,731	389.0	34,117,383
RHFB 2015ABCD-40 Yr	5.56		20.0	3,064,439	-	-	814	14.0	1,916,788
RHFB 2015EFG	5.68		886.0	80,106,833	41.0	2,746,900	171,904	558.5	45,397,205
RHFB 2015EFG-40yr	5.47		105.0	15,680,365	6.0	538,691	66,138	77.0	10,498,397
RHFB 2016ABC	5.93		567.0	59,751,015	17.0	1,172,549	90,481	380.5	38,629,259
RHFB 2016ABC-40 Yr	5.93		151.0	22,027,528	11.0	1,440,287	110,022	110.0	15,027,974
RHFB 2016DEF	5.68		392.3	27,242,103	22.0	989,047	88,831	248.8	15,478,591
RHFB 2016DEF-40 Yr	5.38		55.6	8,084,772	1.8	188,197	11,850	37.8	4,951,637
RHFB 2017ABC	5.82		518.0	45,579,077	24.5	1,644,457	155,737	285.0	23,617,851
RHFB 2017ABC-40 Yr	5.79		102.0	12,928,653	6.0	518,931	14,972	55.0	6,545,937
RHFB 2017DEF	5.73		226.0	20,736,955	13.0	774,090	88,227	122.0	10,162,902
RHFB 2017DEF-40 Yr	5.54		48.0	5,841,813	1.0	88,276	24,220	24.0	2,651,617
RHFB 2018ABCD	5.17		307.5	19,253,174	22.0	876,003	85,462	128.0	6,493,085
RHFB 2019ABCD	5.85		556.0	31,227,433	43.5	1,377,467	370,506	199.0	9,772,792
Total Bond Financed	5.82	%	23,563.0	$ 2,341,031,089	399.0	$ 20,142,290	$ 2,589,647	20,224.5	$ 1,669,490,887

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Prepayment Report
Information as of December 31, 2022

MINNESOTA HOUSING

Series	Weighted Average Pass-Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 12/31/2022	Curtailments 12 Months Ended 12/31/2022	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
12ABCD	3.516%	$ 60,697,067	$ 1,426,689	$ 102,497	$ 39,616,189	$ 1,092,444	$ 40,708,633
13ABC	2.633%	42,301,165	821,198	154,785	25,071,175	845,673	25,916,848
14A	3.207%	50,003,520	1,526,285	79,894	32,478,903	802,351	33,281,254
14B	3.335%	50,015,523	1,834,942	187,055	36,015,093	603,731	36,618,824
14CDE	3.514%	78,421,289	2,184,440	63,207	52,113,213	634,334	52,747,547
15ABCD	3.271%	64,030,055	1,661,143	91,676	42,293,812	463,838	42,757,650
15EFG	3.537%	74,399,612	2,862,312	169,760	49,260,882	647,068	49,907,950
16ABC	3.423%	74,982,792	3,662,269	210,818	46,030,323	548,970	46,579,293
16DEF	3.083%	100,005,295	5,026,632	300,992	54,950,417	859,215	55,809,632
17ABC	3.699%	61,941,131	3,598,024	174,451	35,540,139	648,543	36,188,682
17DEF	3.557%	120,302,613	7,430,576	319,835	69,139,353	867,531	70,006,884
18ABCD	4.024%	130,018,127	9,071,184	489,830	80,543,545	988,789	81,532,334
18EFGH	4.323%	154,972,094	10,095,342	228,695	90,770,665	892,647	91,663,312
19ABCD	4.521%	159,203,906	14,702,780	480,923	97,689,053	1,190,329	98,879,382
19EFGH	3.517%	200,401,109	15,713,915	419,701	96,027,428	946,937	96,974,365
20ABC	3.154%	230,317,996	16,138,235	348,073	83,879,678	853,673	84,733,351
20DE	3.198%	149,919,572	10,455,731	187,105	37,634,287	635,862	38,270,149
20FG	3.064%	125,182,925	6,669,842	104,121	20,133,130	327,949	20,461,079
20HI	2.887%	125,009,125	5,209,883	247,673	12,972,549	341,299	13,313,848
21AB	2.659%	118,855,164	3,795,565	245,316	7,961,764	326,919	8,288,683
21CD	2.920%	176,310,684	6,858,164	552,861	13,398,433	829,776	14,228,209
21EF	2.762%	142,790,337	3,647,844	203,112	4,930,357	233,308	5,163,665
21GHI	2.768%	175,023,534	2,251,544	214,988	2,251,544	214,988	2,466,532
22AB	3.017%	99,994,603	986,934	83,933	986,934	83,933	1,070,867
22CD	2.885%	150,129,571	1,392,973	247,127	1,392,973	247,127	1,640,100
22EF	4.773%	150,116,501	160,274	56,731	160,274	56,731	217,005
22GH	5.283%	150,008,037	123	30,886	123	30,886	31,009
22IJK	5.577%	100,053,958	-	6,775	-	6,775	6,775
22LMN	6.113%	32,098,749	-	-	-	-	-
Total	3.504%	$ 3,347,506,055	$ 139,184,843	$ 6,002,820	$ 1,033,242,236	$ 16,221,626	$ 1,049,463,862

*Total MBS Purchased in this Schedule M does not equal the aggregate Principal Amount at Acquisition in Schedule E. The Total MBS Purchased includes the outstanding principal amount of mortgage-backed securities when originally acquired by the Agency with proceeds of bonds, but before the subsequent granting of participation interests in certain mortgage-backed securities as described in Schedule E. Some principal of the mortgage-backed securities subject to subsequently formed participation interests was paid prior to the establishment of the participation interests and that amount represents the difference between Total MBS Purchased in this Schedule M and the aggregate of Principal Amount at Acquisition in Schedule E. In addition, the aggregate Principal Amount at Acquisition in Schedule E does not include the principal of mortgage-backed securities that had no principal amount outstanding when the bonds issued to acquire those mortgage-backed securities were retired.

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

MINNESOTA HOUSING

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2007 M*	1/1/2008	$ -	$ 35,000	$ -	$ -	$ 35,000	2038
	7/1/2008	-	405,000	-	-	405,000	2038
	1/1/2009	-	630,000	-	-	630,000	2038
	7/1/2009	-	1,285,000	-	-	1,285,000	2038
	1/1/2010	-	1,695,000	-	-	1,695,000	2038
	7/1/2010	-	2,080,000	-	-	2,080,000	2038
	1/1/2011	-	2,735,000	-	-	2,735,000	2038
	7/1/2011	-	3,705,000	-	-	3,705,000	2038
	1/1/2012	-	2,515,000	-	-	2,515,000	2038
	7/1/2012	-	3,680,000	-	-	3,680,000	2038
	1/1/2013	-	3,330,000	-	-	3,330,000	2038
	7/1/2013	-	3,765,000	-	-	3,765,000	2038
	1/1/2014	-	3,565,000	-	-	3,565,000	2038
	7/1/2014	-	2,705,000	-	-	2,705,000	2038
	1/1/2015	-	1,987,446	-	1,132,554	3,120,000	2038
	7/1/2015	-	1,673,605	-	706,395	2,380,000	2038
	1/1/2016	-	1,567,886	-	752,114	2,320,000	2038
	7/1/2016	-	2,570,000	-		2,570,000	2038
	1/1/2017	-	2,550,847	-	514,153	3,065,000	2038
	7/1/2017	-	2,206,750	68,250	-	2,275,000	2038
	1/1/2018	-	2,279,500	70,500	-	2,350,000	2038
	7/1/2018	-	1,527,750	47,250	-	1,575,000	2038
	1/1/2019	-	1,391,950	43,050	-	1,435,000	2038
	7/1/2019	-	931,200	28,800	-	960,000	2038
	1/1/2020	-	1,290,100	39,900	-	1,330,000	2038
	7/1/2020	-	785,700	24,300	-	810,000	2038
	1/1/2021	-	1,193,100	36,900	-	1,230,000	2038
	7/1/2021	-	1,416,200	43,800	-	1,460,000	2038
	1/1/2022	-	1,003,950	31,050	-	1,035,000	2038
	7/1/2022	-	1,018,500	31,500	-	1,050,000	2038
Total 2007 M		-	57,524,484	465,300	3,105,216	61,095,000	

* Prepayments for 2007M include repayments.

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2013 A	12/1/2013	$ -	$ 33,994	$ 1,006	$ -	$ 35,000	2014-2016
	1/1/2014	-	1,294,914	40,086	-	1,335,000	2014-2016 & 2031
	6/1/2014	-	1,398,452	41,548	-	1,440,000	2014-2016 & 2031
	7/1/2014	-	299,101	25,899	-	325,000	2015-2016 & 2031
	8/1/2014	-	218,250	6,750	-	225,000	2031
	9/1/2014	-	164,900	5,100	-	170,000	2031
	10/1/2014	-	509,250	15,750	-	525,000	2031
	11/1/2014	-	295,850	9,150	-	305,000	2031
	12/1/2014	-	315,129	9,871	-	325,000	2015-2016 & 2031
	1/1/2015	-	347,234	22,766	-	370,000	2015-2016 & 2031
	2/1/2015	-	320,100	9,900	-	330,000	2031
	3/1/2015	-	320,100	9,900	-	330,000	2031
	4/1/2015	-	324,950	10,050	-	335,000	2031
	5/1/2015	-	320,100	9,900	-	330,000	2031
	6/1/2015	-	324,829	10,171	-	335,000	2016 & 2031
	7/1/2015	-	346,937	23,063	-	370,000	2016 & 2031
	8/1/2015	-	334,650	10,350	-	345,000	2031
	9/1/2015	-	339,500	10,500	-	350,000	2031
	11/1/2015	-	679,000	21,000	-	700,000	2031
	12/1/2015	-	368,600	11,400	-	380,000	2016 & 2031
	1/1/2016	-	309,633	40,367	-	350,000	2031
	2/1/2016	-	339,500	10,500	-	350,000	2031
	3/1/2016	-	339,500	10,500	-	350,000	2031
	4/1/2016	-	344,350	10,650	-	355,000	2031
	5/1/2016	-	169,750	5,250	-	175,000	2031
	6/1/2016	-	509,250	15,750	-	525,000	2031
	7/1/2016	-	337,697	17,303	-	355,000	2031
	8/1/2016	-	324,950	10,050	-	335,000	2031
	9/1/2016	-	324,950	10,050	-	335,000	2031
	10/1/2016	-	324,950	10,050	-	335,000	2031
	11/1/2016	-	324,950	10,050	-	335,000	2031
	12/1/2016	-	324,950	10,050	-	335,000	2031
	1/1/2017	-	313,585	26,415	-	340,000	2031
	2/1/2017	-	310,400	9,600	-	320,000	2031
	3/1/2017	-	310,400	9,600	-	320,000	2031
	4/1/2017	-	310,400	9,600	-	320,000	2031
	5/1/2017	-	310,400	9,600	-	320,000	2031
	6/1/2017	-	310,400	9,600	-	320,000	2031
	7/1/2017	-	282,857	37,143	-	320,000	2031
	8/1/2017	-	208,550	6,450	-	215,000	2031
	9/1/2017	-	208,550	6,450	-	215,000	2031
	10/1/2017	-	344,350	10,650	-	355,000	2031
	11/1/2017	-	257,050	7,950	-	265,000	2031

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	12/1/2017	-	252,200	7,800	-	260,000	2031
	1/1/2018	-	247,113	17,887	-	265,000	2031
	2/1/2018	-	227,950	7,050	-	235,000	2031
	3/1/2018	-	232,800	7,200	-	240,000	2031
	4/1/2018	-	232,800	7,200	-	240,000	2031
	5/1/2018	-	227,950	7,050	-	235,000	2031
	6/1/2018	-	232,800	7,200	-	240,000	2031
	7/1/2018	-	210,519	29,481	-	240,000	2031
	8/1/2018	-	189,150	5,850	-	195,000	2031
	9/1/2018	-	232,800	7,200	-	240,000	2031
	10/1/2018	-	208,550	6,450	-	215,000	2031
	11/1/2018	-	213,400	6,600	-	220,000	2031
	12/1/2018	-	208,550	6,450	-	215,000	2031
	1/1/2019	-	209,375	10,625	-	220,000	2031
	2/1/2019	-	189,150	5,850	-	195,000	2031
	3/1/2019	-	189,150	5,850	-	195,000	2031
	4/1/2019	-	194,000	6,000	-	200,000	2031
	5/1/2019	-	189,150	5,850	-	195,000	2031
	6/1/2019	-	189,150	5,850	-	195,000	2031
	7/1/2019	-	182,054	17,946	-	200,000	2031
	8/1/2019	-	169,750	5,250	-	175,000	2031
	9/1/2019	-	169,750	5,250	-	175,000	2031
	10/1/2019	-	174,600	5,400	-	180,000	2031
	11/1/2019	-	169,750	5,250	-	175,000	2031
	12/1/2019	-	169,750	5,250	-	175,000	2031
	1/1/2020	-	163,066	16,934	-	180,000	2031
	2/1/2020	-	150,350	4,650	-	155,000	2031
	3/1/2020	-	150,350	4,650	-	155,000	2031
	4/1/2020	-	150,350	4,650	-	155,000	2031
	5/1/2020	-	150,350	4,650	-	155,000	2031
	6/1/2020	-	150,350	4,650	-	155,000	2031
	7/1/2020	-	143,965	16,035	-	160,000	2031
	8/1/2020	-	126,100	3,900	-	130,000	2031
	9/1/2020	-	135,800	4,200	-	140,000	2031
	10/1/2020	-	135,800	4,200	-	140,000	2031
	11/1/2020	-	130,950	4,050	-	135,000	2031
	12/1/2020	-	130,950	4,050	-	135,000	2031
	1/1/2021	-	129,358	10,642	-	140,000	2031
	2/1/2021	-	111,550	3,450	-	115,000	2031
	3/1/2021	-	111,550	3,450	-	115,000	2031
	4/1/2021	-	116,400	3,600	-	120,000	2031
	5/1/2021	-	111,550	3,450	-	115,000	2031
	6/1/2021	-	111,550	3,450	-	115,000	2031

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2021	-	110,659	9,341	-	120,000	2031
	8/1/2021	-	92,150	2,850	-	95,000	2031
	9/1/2021	-	97,000	3,000	-	100,000	2031
	10/1/2021	-	97,000	3,000	-	100,000	2031
	11/1/2021	-	92,150	2,850	-	95,000	2031
	12/1/2021	-	97,000	3,000	-	100,000	2031
	1/1/2022	-	90,014	9,986	-	100,000	2031
	2/1/2022	-	72,750	2,250	-	75,000	2031
	3/1/2022	-	77,600	2,400	-	80,000	2031
	4/1/2022	-	77,600	2,400	-	80,000	2031
	5/1/2022	-	77,600	2,400	-	80,000	2031
	6/1/2022	-	77,600	2,400	-	80,000	2031
	7/1/2022	-	70,938	9,062	-	80,000	2031
	8/1/2022	-	58,200	1,800	-	60,000	2031
	9/1/2022	-	58,200	1,800	-	60,000	2031
	10/1/2022	-	58,200	1,800	-	60,000	2031
	11/1/2022	-	58,200	1,800	-	60,000	2031
	12/1/2022	-	58,200	1,800	-	60,000	2031
Total 2013 A		-	24,640,823	984,177	-	25,625,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2013 C	12/1/2013	$ -	$ 199,105	$ 5,895	$ -	$ 205,000	2020-2023, 2033, 2038 & 2043
	1/1/2014	-	542,649	17,351	-	560,000	2019-2023, 2033, 2038 & 2043
	6/1/2014	-	417,818	12,182	-	430,000	2019-2023, 2033, 2038 & 2043
	7/1/2014	-	358,330	31,670	-	390,000	2019-2023, 2033, 2038 & 2043
	12/1/2014	-	189,077	5,923	-	195,000	2020-2023, 2033, 2038 & 2043
	1/1/2015	-	699,151	45,849	-	745,000	2019-2023, 2033, 2038 & 2043
	6/1/2015	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2015	-	651,370	43,630	-	695,000	2019-2023, 2033, 2038 & 2043
	11/1/2015	-	14,550	450	-	15,000	2023, 2038 & 2043
	12/1/2015	-	654,750	20,250	-	675,000	2019-2023, 2033, 2038 & 2043
	1/1/2016	-	70,773	9,227	-	80,000	2021-2023, 2033, 2038 & 2043
	6/1/2016	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2016	-	1,350,788	69,212	-	1,420,000	2019-2023, 2033, 2038 & 2043
	9/1/2016	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	10/1/2016	-	24,250	750	-	25,000	2023, 2033, 2038 & 2043
	11/1/2016	-	368,600	11,400	-	380,000	2020-2023, 2033, 2038 & 2043
	12/1/2016	-	625,650	19,350	-	645,000	2019-2023, 2033, 2038 & 2043
	1/1/2017	-	345,865	29,135	-	375,000	2020-2023, 2033, 2038 & 2043
	4/1/2017	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	5/1/2017	-	281,300	8,700	-	290,000	2020-2023, 2033, 2038 & 2043
	6/1/2017	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	7/1/2017	-	79,554	10,446	-	90,000	2021-2023, 2033, 2038 & 2043
	1/1/2018	-	587,475	42,525	-	630,000	2019-2023, 2033, 2038 & 2043
	4/1/2018	-	271,600	8,400	-	280,000	2020-2023, 2033, 2038 & 2043
	5/1/2018	-	368,600	11,400	-	380,000	2020-2023, 2033 & 2043
	6/1/2018	-	451,050	13,950	-	465,000	2019-2023, 2033, 2038 & 2043
	7/1/2018	-	105,259	14,741	-	120,000	2020-2023, 2033, 2038 & 2043
	10/1/2018	-	24,250	750	-	25,000	2022-2023, 2033, 2038 & 2043
	11/1/2018	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	12/1/2018	-	300,700	9,300	-	310,000	2020-2023, 2033, 2038 & 2043
	1/1/2019	-	1,479,899	75,101	-	1,555,000	2019-2023, 2033, 2038 & 2043
	4/1/2019	-	48,500	1,500	-	50,000	2022-2023, 2033, 2038 & 2043
	5/1/2019	-	169,750	5,250	-	175,000	2020-2023, 2033, 2038 & 2043
	6/1/2019	-	77,600	2,400	-	80,000	2021-2023, 2033, 2038 & 2043
	7/1/2019	-	327,696	32,304	-	360,000	2020-2023, 2033, 2038 & 2043
	10/1/2019	-	203,700	6,300	-	210,000	2020-2023, 2033, 2038 & 2043
	11/1/2019	-	203,700	6,300	-	210,000	2020-2023, 2033, 2038 & 2043
	12/1/2019	-	315,250	9,750	-	325,000	2020-2023, 2033, 2038 & 2043
	1/1/2020	-	303,484	31,516	-	335,000	2020-2023, 2033, 2038 & 2043
	4/1/2020	-	344,350	10,650	-	355,000	2020-2023, 2033, 2038 & 2043
	5/1/2020	-	494,700	15,300	-	510,000	2020-2023, 2033, 2038 & 2043
	7/1/2020	-	265,435	29,565	-	295,000	2021-2023, 2033, 2038 & 2043
	10/1/2020	-	24,250	750	-	25,000	2021-2023, 2033, 2038 & 2043

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

MINNESOTA HOUSING

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	11/1/2020	-	582,000	18,000	-	600,000	2021-2023, 2033, 2038 & 2043
	12/1/2020	-	310,400	9,600	-	320,000	2021-2023, 2033, 2038 & 2043
	1/1/2021	-	485,092	39,908	-	525,000	2021-2023, 2033, 2038 & 2043
	4/1/2021	-	164,900	5,100	-	170,000	2021-2023, 2033, 2038 & 2043
	5/1/2021	-	645,050	19,950	-	665,000	2021-2023, 2033, 2038 & 2043
	6/1/2021	-	722,650	22,350	-	745,000	2021-2023, 2033, 2038 & 2043
	7/1/2021	-	424,191	35,809	-	460,000	2022-2023, 2033, 2038 & 2043
	9/1/2021	-	203,700	6,300	-	210,000	2022-2023, 2033, 2038 & 2043
	10/1/2021	-	198,850	6,150	-	205,000	2022-2023, 2033, 2038 & 2043
	11/1/2021	-	189,150	5,850	-	195,000	2022-2023, 2033, 2038 & 2043
	12/1/2021	-	485,000	15,000	-	500,000	2022-2023, 2033, 2038 & 2043
	1/1/2022	-	238,536	26,464	-	265,000	2022-2023, 2033, 2038 & 2043
	4/1/2022	-	286,150	8,850	-	295,000	2022-2023, 2033, 2038 & 2043
	5/1/2022	-	247,350	7,650	-	255,000	2022-2023, 2033, 2038 & 2043
	6/1/2022	-	67,900	2,100	-	70,000	2022-2023, 2033, 2038 & 2043
	7/1/2022	-	186,212	23,788	-	210,000	2023, 2033,2038 & 2043
	11/1/2022	-	4,850	150	-	5,000	2038
	12/1/2022	-	43,650	1,350	-	45,000	2023, 2033, 2038 & 2043
Total 2013 C		-	19,803,159	956,841	-	20,760,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 A	8/1/2014	$ -	$ 150,350	$ 4,650	$ -	$ 155,000	2038
	9/1/2014	-	169,750	5,250	-	175,000	2017-2018, 2027 & 2038
	10/1/2014	-	150,350	4,650	-	155,000	2038
	11/1/2014	-	339,500	10,500	-	350,000	2015-2024, 2027 & 2038
	12/1/2014	-	451,050	13,950	-	465,000	2015-2024, 2027 & 2038
	1/1/2015	-	458,950	46,050	-	505,000	2015-2024, 2027 & 2038
	2/1/2015	-	155,200	4,800	-	160,000	2038
	3/1/2015	-	155,200	4,800	-	160,000	2038
	4/1/2015	-	232,800	7,200	-	240,000	2016, 2019-2024, 2027 & 2038
	5/1/2015	-	281,300	8,700	-	290,000	2015-2024, 2027 & 2038
	6/1/2015	-	334,650	10,350	-	345,000	2015-2024, 2027 & 2038
	7/1/2015	-	1,049,450	65,550	-	1,115,000	2016-2024, 2027 & 2038
	8/1/2015	-	184,300	5,700	-	190,000	2038
	9/1/2015	-	586,850	18,150	-	605,000	2016-2024, 2027 & 2038
	11/1/2015	-	1,246,450	38,550	-	1,285,000	2016-2024, 2027 & 2038
	12/1/2015	-	436,500	13,500	-	450,000	2016-2024, 2027 & 2038
	1/1/2016	-	352,550	42,450	-	395,000	2016-2024, 2027 & 2038
	2/1/2016	-	208,550	6,450	-	215,000	2038
	3/1/2016	-	213,400	6,600	-	220,000	2038
	4/1/2016	-	310,400	9,600	-	320,000	2016-2024, 2027 & 2038
	7/1/2016	-	1,748,750	86,250	-	1,835,000	2017-2024, 2027 & 2038
	8/1/2016	-	232,800	7,200	-	240,000	2038
	9/1/2016	-	237,650	7,350	-	245,000	2038
	10/1/2016	-	606,250	18,750	-	625,000	2017-2024, 2027 & 2038
	11/1/2016	-	829,350	25,650	-	855,000	2017-2024, 2027 & 2038
	12/1/2016	-	727,500	22,500	-	750,000	2017-2024, 2027 & 2038
	1/1/2017	-	684,900	50,100	-	735,000	2017-2024, 2027 & 2038
	2/1/2017	-	227,950	7,050	-	235,000	2038
	3/1/2017	-	227,950	7,050	-	235,000	2038
	4/1/2017	-	402,550	12,450	-	415,000	2017-2024, 2027 & 2038
	5/1/2017	-	674,150	20,850	-	695,000	2017-2024, 2027 & 2038
	6/1/2017	-	421,950	13,050	-	435,000	2017-2024, 2027 & 2038
	7/1/2017	-	852,200	52,800	-	905,000	2018-2024, 2027 & 2038
	8/1/2017	-	218,250	6,750	-	225,000	2038
	9/1/2017	-	218,250	6,750	-	225,000	2038
	10/1/2017	-	780,850	24,150	-	805,000	2018-2024, 2027 & 2038
	11/1/2017	-	771,150	23,850	-	795,000	2018-2024, 2027 & 2038
	12/1/2017	-	485,000	15,000	-	500,000	2018-2024, 2027 & 2038
	1/1/2018	-	579,650	40,350	-	620,000	2018-2024, 2027 & 2038
	2/1/2018	-	208,550	6,450	-	215,000	2038
	3/1/2018	-	121,250	3,750	-	125,000	2038
	4/1/2018	-	295,850	9,150	-	305,000	2038
	5/1/2018	-	174,600	5,400	-	180,000	2038

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2018	-	242,500	7,500	-	250,000	2019-2024, 2027 & 2038
	7/1/2018	-	827,750	47,250	-	875,000	2019-2024, 2027 & 2038
	8/1/2018	-	194,000	6,000	-	200,000	2038
	9/1/2018	-	397,700	12,300	-	410,000	2019-2024, 2027 & 2038
	10/1/2018	-	669,300	20,700	-	690,000	2019-2024, 2027 & 2038
	11/1/2018	-	368,600	11,400	-	380,000	2019-2024, 2027 & 2038
	12/1/2018	-	761,450	23,550	-	785,000	2019-2024, 2027 & 2038
	1/1/2019	-	1,442,900	62,100	-	1,505,000	2019-2024, 2027 & 2038
	2/1/2019	-	184,300	5,700	-	190,000	2038
	3/1/2019	-	189,150	5,850	-	195,000	2038
	4/1/2019	-	591,700	18,300	-	610,000	2019-2024, 2027 & 2038
	5/1/2019	-	451,050	13,950	-	465,000	2019-2024, 2027 & 2038
	6/1/2019	-	470,450	14,550	-	485,000	2019-2024, 2027 & 2038
	7/1/2019	-	535,600	29,400	-	565,000	2020-2024, 2027 & 2038
	8/1/2019	-	174,600	5,400	-	180,000	2038
	9/1/2019	-	179,450	5,550	-	185,000	2038
	10/1/2019	-	232,800	7,200	-	240,000	2020-2024, 2027 & 2038
	11/1/2019	-	683,850	21,150	-	705,000	2020-2024, 2027 & 2038
	12/1/2019	-	1,159,150	35,850	-	1,195,000	2020-2024, 2027 & 2038
	1/1/2020	-	990,700	39,300	-	1,030,000	2020-2024, 2027 & 2038
	2/1/2020	-	164,900	5,100	-	170,000	2038
	3/1/2020	-	169,750	5,250	-	175,000	2038
	4/1/2020	-	378,300	11,700	-	390,000	2020-2024, 2027 & 2038
	5/1/2020	-	611,100	18,900	-	630,000	2020-2024, 2027 & 2038
	6/1/2020	-	761,450	23,550	-	785,000	2020-2024, 2027 & 2038
	7/1/2020	-	549,450	20,550	-	570,000	2021-2024, 2027 & 2038
	8/1/2020	-	160,050	4,950	-	165,000	2038
	9/1/2020	-	465,600	14,400	-	480,000	2021-2024, 2027 & 2038
	10/1/2020	-	863,300	26,700	-	890,000	2021-2024, 2027 & 2038
	11/1/2020	-	160,050	4,950	-	165,000	2038
	12/1/2020	-	160,050	4,950	-	165,000	2038
	1/1/2021	-	160,050	4,950	-	165,000	2038
	2/1/2021	-	150,350	4,650	-	155,000	2038
	3/1/2021	-	155,200	4,800	-	160,000	2038
	4/1/2021	-	150,350	4,650	-	155,000	2038
	5/1/2021	-	155,200	4,800	-	160,000	2038
	6/1/2021	-	150,350	4,650	-	155,000	2038
	7/1/2021	-	155,200	4,800	-	160,000	2038
	8/1/2021	-	145,500	4,500	-	150,000	2038
	9/1/2021	-	145,500	4,500	-	150,000	2038
	10/1/2021	-	145,500	4,500	-	150,000	2038
	11/1/2021	-	145,500	4,500	-	150,000	2038
	12/1/2021	-	145,500	4,500	-	150,000	2038

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	1/1/2022	-	150,350	4,650	-	155,000	2038
	2/1/2022	-	135,800	4,200	-	140,000	2038
	3/1/2022	-	135,800	4,200	-	140,000	2038
	4/1/2022	-	140,650	4,350	-	145,000	2038
	5/1/2022	-	135,800	4,200	-	140,000	2038
	6/1/2022	-	135,800	4,200	-	140,000	2038
	7/1/2022	-	140,650	4,350	-	145,000	2038
	8/1/2022	-	121,250	3,750	-	125,000	2038
	9/1/2022	-	126,100	3,900	-	130,000	2038
	10/1/2022	-	126,100	3,900	-	130,000	2038
	11/1/2022	-	121,250	3,750	-	125,000	2038
	12/1/2022	-	126,100	3,900	-	130,000	2038
Total 2014 A		-	37,785,750	1,439,250	-	39,225,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 B	8/1/2014	$ -	$ 232,800	$ 7,200	$ -	$ 240,000	2038
	9/1/2014	-	150,350	4,650	-	155,000	2038
	10/1/2014	-	203,700	6,300	-	210,000	2038
	11/1/2014	-	295,850	9,150	-	305,000	2038
	12/1/2014	-	291,000	9,000	-	300,000	2038
	1/1/2015	-	569,650	40,350	-	610,000	2015-2026 & 2038
	2/1/2015	-	189,150	5,850	-	195,000	2038
	3/1/2015	-	194,000	6,000	-	200,000	2038
	4/1/2015	-	194,000	6,000	-	200,000	2038
	5/1/2015	-	189,150	5,850	-	195,000	2038
	6/1/2015	-	194,000	6,000	-	200,000	2038
	7/1/2015	-	305,750	44,250	-	350,000	2016-2026 & 2038
	8/1/2015	-	208,550	6,450	-	215,000	2038
	9/1/2015	-	208,550	6,450	-	215,000	2038
	11/1/2015	-	1,687,800	52,200	-	1,740,000	2016-2026 & 2038
	12/1/2015	-	72,750	2,250	-	75,000	2038
	1/1/2016	-	873,350	61,650	-	935,000	2016-2026 & 2038
	2/1/2016	-	203,700	6,300	-	210,000	2038
	3/1/2016	-	252,200	7,800	-	260,000	2038
	4/1/2016	-	557,750	17,250	-	575,000	2016-2026, & 2038
	7/1/2016	-	1,853,800	91,200	-	1,945,000	2017-2026 & 2038
	8/1/2016	-	126,100	3,900	-	130,000	2038
	9/1/2016	-	339,500	10,500	-	350,000	2038
	10/1/2016	-	232,800	7,200	-	240,000	2038
	11/1/2016	-	397,700	12,300	-	410,000	2017-2026 & 2038
	12/1/2016	-	688,700	21,300	-	710,000	2017-2026 & 2038
	1/1/2017	-	697,200	52,800	-	750,000	2017-2026 & 2038
	2/1/2017	-	223,100	6,900	-	230,000	2038
	3/1/2017	-	223,100	6,900	-	230,000	2038
	4/1/2017	-	480,150	14,850	-	495,000	2017-2026 & 2038
	5/1/2017	-	373,450	11,550	-	385,000	2017-2026 & 2038
	6/1/2017	-	771,150	23,850	-	795,000	2017-2026 & 2038
	7/1/2017	-	1,064,100	60,900	-	1,125,000	2018-2026 & 2038
	8/1/2017	-	213,400	6,600	-	220,000	2038
	9/1/2017	-	213,400	6,600	-	220,000	2038
	10/1/2017	-	596,550	18,450	-	615,000	2018-2026 & 2038
	11/1/2017	-	645,050	19,950	-	665,000	2018-2026 & 2038
	12/1/2017	-	528,650	16,350	-	545,000	2018-2026 & 2038
	1/1/2018	-	733,500	46,500	-	780,000	2018-2026 & 2038
	2/1/2018	-	198,850	6,150	-	205,000	2038
	3/1/2018	-	203,700	6,300	-	210,000	2038
	4/1/2018	-	237,650	7,350	-	245,000	2021-2026 & 2038
	5/1/2018	-	843,900	26,100	-	870,000	2018-2026 & 2038

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2018	-	688,700	21,300	-	710,000	2018-2026 & 2038
	7/1/2018	-	513,550	36,450	-	550,000	2019-2026 & 2038
	8/1/2018	-	189,150	5,850	-	195,000	2038
	9/1/2018	-	194,000	6,000	-	200,000	2038
	10/1/2018	-	882,700	27,300	-	910,000	2019-2026 & 2038
	11/1/2018	-	1,018,500	31,500	-	1,050,000	2019-2026 & 2038
	12/1/2018	-	1,081,550	33,450	-	1,115,000	2019-2026 & 2038
	1/1/2019	-	1,590,950	64,050	-	1,655,000	2019-2026 & 2038
	2/1/2019	-	189,150	5,850	-	195,000	2038
	3/1/2019	-	189,150	5,850	-	195,000	2038
	4/1/2019	-	514,100	15,900	-	530,000	2019-2026 & 2038
	5/1/2019	-	368,600	11,400	-	380,000	2019-2026 & 2038
	6/1/2019	-	683,850	21,150	-	705,000	2019-2026 & 2038
	7/1/2019	-	514,650	25,350	-	540,000	2020-2026 & 2038
	8/1/2019	-	169,750	5,250	-	175,000	2038
	9/1/2019	-	174,600	5,400	-	180,000	2038
	10/1/2019	-	315,250	9,750	-	325,000	2020-2026 & 2038
	11/1/2019	-	518,950	16,050	-	535,000	2020-2026 & 2038
	12/1/2019	-	1,319,200	40,800	-	1,360,000	2020-2026 & 2038
	1/1/2020	-	684,050	25,950	-	710,000	2020-2026 & 2038
	2/1/2020	-	160,050	4,950	-	165,000	2038
	3/1/2020	-	189,150	5,850	-	195,000	2020-2023 & 2038
	4/1/2020	-	722,650	22,350	-	745,000	2020-2026 & 2038
	5/1/2020	-	771,150	23,850	-	795,000	2020-2026 & 2038
	6/1/2020	-	339,500	10,500	-	350,000	2020-2026 & 2038
	7/1/2020	-	164,900	5,100	-	170,000	2038
	8/1/2020	-	155,200	4,800	-	160,000	2038
	9/1/2020	-	155,200	4,800	-	160,000	2038
	10/1/2020	-	155,200	4,800	-	160,000	2038
	11/1/2020	-	155,200	4,800	-	160,000	2038
	12/1/2020	-	155,200	4,800	-	160,000	2038
	1/1/2021	-	155,200	4,800	-	160,000	2038
	2/1/2021	-	145,500	4,500	-	150,000	2038
	3/1/2021	-	150,350	4,650	-	155,000	2038
	4/1/2021	-	145,500	4,500	-	150,000	2038
	5/1/2021	-	150,350	4,650	-	155,000	2038
	6/1/2021	-	145,500	4,500	-	150,000	2038
	7/1/2021	-	150,350	4,650	-	155,000	2038
	8/1/2021	-	140,650	4,350	-	145,000	2038
	9/1/2021	-	140,650	4,350	-	145,000	2038
	10/1/2021	-	140,650	4,350	-	145,000	2038
	11/1/2021	-	140,650	4,350	-	145,000	2038
	12/1/2021	-	140,650	4,350	-	145,000	2038

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	1/1/2022	-	145,500	4,500	-	150,000	2038
	2/1/2022	-	126,100	3,900	-	130,000	2038
	3/1/2022	-	130,950	4,050	-	135,000	2038
	4/1/2022	-	130,950	4,050	-	135,000	2038
	5/1/2022	-	126,100	3,900	-	130,000	2038
	6/1/2022	-	130,950	4,050	-	135,000	2038
	7/1/2022	-	130,950	4,050	-	135,000	2038
	8/1/2022	-	116,400	3,600	-	120,000	2038
	9/1/2022	-	121,250	3,750	-	125,000	2038
	10/1/2022	-	116,400	3,600	-	120,000	2038
	11/1/2022	-	121,250	3,750	-	125,000	2038
	12/1/2022	-	116,400	3,600	-	120,000	2038
Total 2014 B		-	37,142,550	1,407,450	-	38,550,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 C	4/1/2015	$ -	$ 1,934,000	$ 61,000	$ -	$ 1,995,000	2015-2020, 2022-2025 & 2045
	5/1/2015	-	912,067	27,933	-	940,000	2015-2020, 2022-2025 & 2045
	6/1/2015	-	1,274,619	40,381	-	1,315,000	2015-2020, 2022-2025 & 2045
	7/1/2015	-	958,720	86,280	-	1,045,000	2016-2020, 2022-2025 & 2045
	8/1/2015	-	751,750	23,250	-	775,000	2045
	9/1/2015	-	756,600	23,400	-	780,000	2045
	11/1/2015	-	3,312,550	102,450	-	3,415,000	2016-2025 & 2045
	12/1/2015	-	1,430,750	44,250	-	1,475,000	2016-2025 & 2045
	1/1/2016	-	1,372,670	97,330	-	1,470,000	2016-2025 & 2045
	2/1/2016	-	785,700	24,300	-	810,000	2045
	3/1/2016	-	785,700	24,300	-	810,000	2045
	4/1/2016	-	979,700	30,300	-	1,010,000	2016-2025 & 2045
	5/1/2016	-	1,037,900	32,100	-	1,070,000	2016-2025 & 2045
	6/1/2016	-	1,091,250	33,750	-	1,125,000	2016-2025 & 2045
	7/1/2016	-	2,093,832	106,168	-	2,200,000	2017-2025 & 2045
	8/1/2016	-	819,650	25,350	-	845,000	2045
	9/1/2016	-	819,650	25,350	-	845,000	2045
	10/1/2016	-	1,081,550	33,450	-	1,115,000	2017-2025 & 2045
	11/1/2016	-	1,668,400	51,600	-	1,720,000	2017-2025 & 2045
	12/1/2016	-	1,624,750	50,250	-	1,675,000	2017-2025 & 2045
	1/1/2017	-	1,671,391	93,609	-	1,765,000	2017-2025 & 2045
	2/1/2017	-	868,150	26,850	-	895,000	2045
	3/1/2017	-	873,000	27,000	-	900,000	2045
	4/1/2017	-	902,100	27,900	-	930,000	2020-2025 & 2045
	5/1/2017	-	1,450,150	44,850	-	1,495,000	2017-2025 & 2045
	6/1/2017	-	1,057,300	32,700	-	1,090,000	2017-2025 & 2045
	7/1/2017	-	1,367,183	87,817	-	1,455,000	2018-2025 & 2045
	8/1/2017	-	873,000	27,000	-	900,000	2045
	9/1/2017	-	873,000	27,000	-	900,000	2045
	10/1/2017	-	916,650	28,350	-	945,000	2019-2025 & 2045
	11/1/2017	-	1,435,600	44,400	-	1,480,000	2018-2020, 2022-2025 & 2045
	12/1/2017	-	1,605,350	49,650	-	1,655,000	2018-2020, 2022-2025 & 2045
	1/1/2018	-	1,215,972	84,028	-	1,300,000	2018-2020, 2022-2025 & 2045
	2/1/2018	-	834,200	25,800	-	860,000	2045
	3/1/2018	-	839,050	25,950	-	865,000	2045
	4/1/2018	-	839,050	25,950	-	865,000	2045
	5/1/2018	-	1,028,200	31,800	-	1,060,000	2018-2025 & 2045
	6/1/2018	-	1,197,950	37,050	-	1,235,000	2018-2020, 2022-2025 & 2045
	7/1/2018	-	1,358,931	81,069	-	1,440,000	2019-2020, 2022-2025 & 2045
	8/1/2018	-	800,250	24,750	-	825,000	2045
	9/1/2018	-	805,100	24,900	-	830,000	2045
	10/1/2018	-	800,250	24,750	-	825,000	2045
	11/1/2018	-	863,300	26,700	-	890,000	2045

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	12/1/2018	-	1,222,200	37,800	-	1,260,000	2019-2020, 2022-2025 & 2045
	1/1/2019	-	1,823,896	86,104	-	1,910,000	2019-2020, 2022-2025 & 2045
	2/1/2019	-	693,550	21,450	-	715,000	2045
	3/1/2019	-	843,900	26,100	-	870,000	2045
	4/1/2019	-	766,300	23,700	-	790,000	2045
	5/1/2019	-	771,150	23,850	-	795,000	2045
	6/1/2019	-	766,300	23,700	-	790,000	2045
	7/1/2019	-	703,200	91,800	-	795,000	2045
	8/1/2019	-	732,350	22,650	-	755,000	2045
	9/1/2019	-	737,200	22,800	-	760,000	2045
	10/1/2019	-	732,350	22,650	-	755,000	2045
	11/1/2019	-	1,057,300	32,700	-	1,090,000	2020, 2022-2025 & 2045
	12/1/2019	-	1,231,900	38,100	-	1,270,000	2020, 2022-2025 & 2045
	1/1/2020	-	912,923	67,077	-	980,000	2020, 2022-2025 & 2045
	2/1/2020	-	698,400	21,600	-	720,000	2045
	3/1/2020	-	703,250	21,750	-	725,000	2045
	4/1/2020	-	703,250	21,750	-	725,000	2045
	5/1/2020	-	1,028,200	31,800	-	1,060,000	2020, 2022-2025 & 2045
	6/1/2020	-	916,650	28,350	-	945,000	2020, 2022-2025 & 2045
	7/1/2020	-	890,580	64,420	-	955,000	2022-2025 & 2045
	8/1/2020	-	669,300	20,700	-	690,000	2045
	9/1/2020	-	669,300	20,700	-	690,000	2045
	10/1/2020	-	1,372,550	42,450	-	1,415,000	2022-2025 & 2045
	11/1/2020	-	1,227,050	37,950	-	1,265,000	2022-2025 & 2045
	12/1/2020	-	1,042,750	32,250	-	1,075,000	2022-2025 & 2045
	1/1/2021	-	1,345,819	64,181	-	1,410,000	2022-2025 & 2045
	2/1/2021	-	640,200	19,800	-	660,000	2045
	3/1/2021	-	649,900	20,100	-	670,000	2024-2025 & 2045
	4/1/2021	-	1,183,400	36,600	-	1,220,000	2022-2025 & 2045
	5/1/2021	-	887,550	27,450	-	915,000	2022-2025 & 2045
	6/1/2021	-	1,037,900	32,100	-	1,070,000	2022-2025 & 2045
	7/1/2021	-	861,340	53,660	-	915,000	2022-2025 & 2045
	8/1/2021	-	611,100	18,900	-	630,000	2045
	9/1/2021	-	712,950	22,050	-	735,000	2022-2025 & 2045
	10/1/2021	-	858,450	26,550	-	885,000	2022-2025 & 2045
	11/1/2021	-	902,100	27,900	-	930,000	2022-2025 & 2045
	12/1/2021	-	926,350	28,650	-	955,000	2022-2025 & 2045
	1/1/2022	-	834,555	50,445	-	885,000	2022-2025 & 2045
	2/1/2022	-	310,400	9,600	-	320,000	2045
	3/1/2022	-	853,600	26,400	-	880,000	2045
	4/1/2022	-	582,000	18,000	-	600,000	2045
	5/1/2022	-	606,250	18,750	-	625,000	2023-2025 & 2045
	6/1/2022	-	746,900	23,100	-	770,000	2022-2025 & 2045

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2022	-	732,073	47,927	-	780,000	2023-2025 & 2045
	8/1/2022	-	286,150	8,850	-	295,000	2045
	9/1/2022	-	586,850	18,150	-	605,000	2045
	10/1/2022	-	305,550	9,450	-	315,000	2045
	11/1/2022	-	722,650	22,350	-	745,000	2045
	12/1/2022	-	460,750	14,250	-	475,000	2045
Total 2014 C		-	90,527,521	3,402,479	-	93,930,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 D	4/1/2015	$ -	$ 58,365	$ 1,635	$ -	$ 60,000	2025-2026
	5/1/2015	-	48,888	1,112	-	50,000	2025-2026
	6/1/2015	-	89,036	964	-	90,000	2025-2026
	7/1/2015	-	59,941	5,059	-	65,000	2025-2026
	11/1/2015	-	213,400	6,600	-	220,000	2025-2026
	12/1/2015	-	77,600	2,400	-	80,000	2025-2026
	1/1/2016	-	79,372	5,628	-	85,000	2025-2026
	4/1/2016	-	24,250	750	-	25,000	2025-2026
	5/1/2016	-	29,100	900	-	30,000	2025-2026
	6/1/2016	-	38,800	1,200	-	40,000	2025
	7/1/2016	-	176,072	8,928	-	185,000	2025-2026
	10/1/2016	-	33,950	1,050	-	35,000	2025-2026
	11/1/2016	-	111,550	3,450	-	115,000	2025-2026
	12/1/2016	-	106,700	3,300	-	110,000	2025-2026
	1/1/2017	-	127,840	7,160	-	135,000	2025-2026
	4/1/2017	-	4,850	150	-	5,000	2025
	5/1/2017	-	82,450	2,550	-	85,000	2025-2026
	6/1/2017	-	29,100	900	-	30,000	2025-2026
	7/1/2017	-	79,870	5,130	-	85,000	2025-2026
	10/1/2017	-	4,850	150	-	5,000	2025
	11/1/2017	-	87,300	2,700	-	90,000	2025-2026
	12/1/2017	-	111,550	3,450	-	115,000	2025-2026
	1/1/2018	-	60,799	4,201	-	65,000	2025-2026
	5/1/2018	-	33,950	1,050	-	35,000	2025-2026
	6/1/2018	-	58,200	1,800	-	60,000	2025-2026
	7/1/2018	-	99,089	5,911	-	105,000	2025-2026
	11/1/2018	-	9,700	300	-	10,000	2025-2026
	12/1/2018	-	77,600	2,400	-	80,000	2025-2026
	1/1/2019	-	210,082	9,918	-	220,000	2025-2026
	11/1/2019	-	72,750	2,250	-	75,000	2025-2026
	12/1/2019	-	116,400	3,600	-	120,000	2025-2026
	1/1/2020	-	55,893	4,107	-	60,000	2025-2026
	5/1/2020	-	87,300	2,700	-	90,000	2025-2026
	6/1/2020	-	58,200	1,800	-	60,000	2025-2026
	7/1/2020	-	55,953	4,047	-	60,000	2025-2026
	10/1/2020	-	184,300	5,700	-	190,000	2025-2026
	11/1/2020	-	150,350	4,650	-	155,000	2025-2026
	12/1/2020	-	101,850	3,150	-	105,000	2025-2026
	1/1/2021	-	181,351	8,649	-	190,000	2025-2026
	3/1/2021	-	4,850	150	-	5,000	2025
	4/1/2021	-	145,500	4,500	-	150,000	2025-2026
	5/1/2021	-	67,900	2,100	-	70,000	2025-2026
	6/1/2021	-	106,700	3,300	-	110,000	2025-2026

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2021	-	65,895	4,105	-	70,000	2025-2026
	9/1/2021	-	29,100	900	-	30,000	2025-2026
	10/1/2021	-	67,900	2,100	-	70,000	2025-2026
	11/1/2021	-	77,600	2,400	-	80,000	2025-2026
	12/1/2021	-	82,450	2,550	-	85,000	2025-2026
	1/1/2022	-	66,010	3,990	-	70,000	2025-2026
	5/1/2022	-	4,850	150	-	5,000	2025
	6/1/2022	-	43,650	1,350	-	45,000	2025-2026
	7/1/2022	-	51,621	3,379	-	55,000	2025-2026
Total 2014 D		-	4,102,627	162,373	-	4,265,000	

Refer to the disclaimer on page A-1

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 E	4/1/2015	$ -	$ 660,585	$ 19,415	$ -	$ 680,000	2020-2022, 2026 & 2029
	5/1/2015	-	566,795	18,205	-	585,000	2020-2022, 2026, 2029 & 2032
	6/1/2015	-	1,032,245	32,755	-	1,065,000	2020-2022, 2026, 2029 & 2032
	7/1/2015	-	693,939	61,061	-	755,000	2020-2022, 2026, 2029 & 2032
	11/1/2015	-	2,463,800	76,200	-	2,540,000	2020-2022, 2026, 2029 & 2032
	12/1/2015	-	916,650	28,350	-	945,000	2020-2022, 2026, 2029 & 2032
	1/1/2016	-	938,458	66,542	-	1,005,000	2020-2022, 2026, 2029 & 2032
	4/1/2016	-	276,450	8,550	-	285,000	2020-2022, 2026, 2029 & 2032
	5/1/2016	-	363,750	11,250	-	375,000	2020-2022, 2026, 2029 & 2032
	6/1/2016	-	451,050	13,950	-	465,000	2020-2022, 2026, 2029 & 2032
	7/1/2016	-	2,046,245	103,755	-	2,150,000	2020-2022, 2026, 2029 & 2032
	10/1/2016	-	402,550	12,450	-	415,000	2020-2022, 2026, 2029 & 2032
	11/1/2016	-	1,314,350	40,650	-	1,355,000	2020-2022, 2026, 2029 & 2032
	12/1/2016	-	1,241,600	38,400	-	1,280,000	2020-2022, 2026, 2029 & 2032
	1/1/2017	-	1,444,119	80,881	-	1,525,000	2020-2022, 2026, 2029 & 2032
	4/1/2017	-	53,350	1,650	-	55,000	2021-2022, 2026, 2029 & 2032
	5/1/2017	-	955,450	29,550	-	985,000	2020-2022, 2026, 2029 & 2032
	6/1/2017	-	315,250	9,750	-	325,000	2020-2022, 2026, 2029 & 2032
	7/1/2017	-	934,947	60,053	-	995,000	2020-2022, 2026, 2029 & 2032
	10/1/2017	-	82,450	2,550	-	85,000	2020-2022, 2026, 2029 & 2032
	11/1/2017	-	1,008,800	31,200	-	1,040,000	2020-2022, 2026, 2029 & 2032
	12/1/2017	-	1,309,500	40,500	-	1,350,000	2020-2022, 2026, 2029 & 2032
	1/1/2018	-	720,230	49,770	-	770,000	2020-2022, 2026, 2029 & 2032
	5/1/2018	-	373,450	11,550	-	385,000	2020-2022, 2026, 2029 & 2032
	6/1/2018	-	693,550	21,450	-	715,000	2020-2022, 2026, 2029 & 2032
	7/1/2018	-	1,141,880	68,120	-	1,210,000	2020-2022, 2026, 2029 & 2032
	11/1/2018	-	116,400	3,600	-	120,000	2020-2022, 2026, 2029 & 2032
	12/1/2018	-	897,250	27,750	-	925,000	2020-2022, 2026, 2029 & 2032
	1/1/2019	-	2,420,721	114,279	-	2,535,000	2020-2022, 2026, 2029 & 2032
	11/1/2019	-	839,050	25,950	-	865,000	2020-2022, 2026, 2029 & 2032
	12/1/2019	-	1,324,050	40,950	-	1,365,000	2020-2022, 2026, 2029 & 2032
	1/1/2020	-	619,484	45,516	-	665,000	2020-2022, 2026, 2029 & 2032
	5/1/2020	-	984,550	30,450	-	1,015,000	2020-2022, 2026, 2029 & 2032
	6/1/2020	-	649,900	20,100	-	670,000	2020-2022, 2026, 2029 & 2032
	7/1/2020	-	629,467	45,533	-	675,000	2021-2022, 2026, 2029 & 2032
	10/1/2020	-	2,066,100	63,900	-	2,130,000	2021-2022, 2026, 2029 & 2032
	11/1/2020	-	1,644,150	50,850	-	1,695,000	2021-2022, 2026, 2029 & 2032
	12/1/2020	-	1,115,500	34,500	-	1,150,000	2021-2022, 2026, 2029 & 2032
	1/1/2021	-	1,923,280	91,720	-	2,015,000	2021-2022, 2026, 2029 & 2032
	3/1/2021	-	29,100	900	-	30,000	2026, 2029 & 2032
	4/1/2021	-	1,527,750	47,250	-	1,575,000	2021-2022, 2026, 2029 & 2032
	5/1/2021	-	693,550	21,450	-	715,000	2021-2022, 2026, 2029 & 2032
	6/1/2021	-	1,115,500	34,500	-	1,150,000	2021-2022, 2026, 2029 & 2032

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2021	-	635,415	39,585	-	675,000	2022, 2026, 2029 & 2032
	9/1/2021	-	266,750	8,250	-	275,000	2022, 2026, 2029 & 2032
	10/1/2021	-	659,600	20,400	-	680,000	2022, 2026, 2029 & 2032
	11/1/2021	-	771,150	23,850	-	795,000	2022, 2026, 2029 & 2032
	12/1/2021	-	843,900	26,100	-	870,000	2022, 2026, 2029 & 2032
	1/1/2022	-	608,235	36,765	-	645,000	2026, 2029 & 2032
	5/1/2022	-	53,350	1,650	-	55,000	2026, 2029 & 2032
	6/1/2022	-	421,950	13,050	-	435,000	2026, 2029 & 2032
	7/1/2022	-	483,356	31,644	-	515,000	2026, 2029 & 2032
Total 2014 E		-	45,740,951	1,839,049	-	47,580,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 A	12/1/2015	$ -	$ 989,400	$ 30,600	$ -	$ 1,020,000	2041
	1/1/2016	-	212,788	42,212	-	255,000	2041
	3/1/2016	-	722,650	22,350	-	745,000	2041
	4/1/2016	-	363,750	11,250	-	375,000	2041
	5/1/2016	-	363,750	11,250	-	375,000	2041
	6/1/2016	-	363,750	11,250	-	375,000	2041
	7/1/2016	-	357,527	17,473	-	375,000	2041
	8/1/2016	-	407,400	12,600	-	420,000	2041
	9/1/2016	-	412,250	12,750	-	425,000	2041
	10/1/2016	-	412,250	12,750	-	425,000	2041
	11/1/2016	-	407,400	12,600	-	420,000	2041
	12/1/2016	-	412,250	12,750	-	425,000	2041
	1/1/2017	-	374,554	50,446	-	425,000	2041
	2/1/2017	-	455,900	14,100	-	470,000	2041
	3/1/2017	-	455,900	14,100	-	470,000	2041
	4/1/2017	-	455,900	14,100	-	470,000	2041
	5/1/2017	-	455,900	14,100	-	470,000	2041
	6/1/2017	-	455,900	14,100	-	470,000	2041
	7/1/2017	-	445,818	24,182	-	470,000	2041
	8/1/2017	-	494,700	15,300	-	510,000	2041
	9/1/2017	-	494,700	15,300	-	510,000	2041
	10/1/2017	-	499,550	15,450	-	515,000	2041
	11/1/2017	-	494,700	15,300	-	510,000	2041
	12/1/2017	-	494,700	15,300	-	510,000	2041
	1/1/2018	-	487,222	27,778	-	515,000	2041
	2/1/2018	-	509,250	15,750	-	525,000	2041
	3/1/2018	-	509,250	15,750	-	525,000	2041
	4/1/2018	-	509,250	15,750	-	525,000	2041
	5/1/2018	-	509,250	15,750	-	525,000	2041
	6/1/2018	-	509,250	15,750	-	525,000	2041
	7/1/2018	-	496,994	28,006	-	525,000	2041
	8/1/2018	-	485,000	15,000	-	500,000	2041
	9/1/2018	-	489,850	15,150	-	505,000	2041
	10/1/2018	-	489,850	15,150	-	505,000	2041
	11/1/2018	-	485,000	15,000	-	500,000	2041
	12/1/2018	-	489,850	15,150	-	505,000	2041
	1/1/2019	-	483,632	21,368	-	505,000	2041
	2/1/2019	-	465,600	14,400	-	480,000	2041
	3/1/2019	-	465,600	14,400	-	480,000	2041
	4/1/2019	-	465,600	14,400	-	480,000	2041
	5/1/2019	-	465,600	14,400	-	480,000	2041
	6/1/2019	-	465,600	14,400	-	480,000	2041
	7/1/2019	-	456,320	28,680	-	485,000	2041

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	8/1/2019	-	446,200	13,800	-	460,000	2041
	9/1/2019	-	446,200	13,800	-	460,000	2041
	10/1/2019	-	446,200	13,800	-	460,000	2041
	11/1/2019	-	446,200	13,800	-	460,000	2041
	12/1/2019	-	446,200	13,800	-	460,000	2041
	1/1/2020	-	439,440	20,560	-	460,000	2041
	2/1/2020	-	421,950	13,050	-	435,000	2041
	3/1/2020	-	426,800	13,200	-	440,000	2041
	4/1/2020	-	426,800	13,200	-	440,000	2041
	5/1/2020	-	426,800	13,200	-	440,000	2041
	6/1/2020	-	426,800	13,200	-	440,000	2041
	7/1/2020	-	421,138	18,862	-	440,000	2041
	8/1/2020	-	407,400	12,600	-	420,000	2041
	9/1/2020	-	407,400	12,600	-	420,000	2041
	10/1/2020	-	407,400	12,600	-	420,000	2041
	11/1/2020	-	407,400	12,600	-	420,000	2041
	12/1/2020	-	407,400	12,600	-	420,000	2041
	1/1/2021	-	403,656	16,344	-	420,000	2041
	2/1/2021	-	388,000	12,000	-	400,000	2041
	3/1/2021	-	388,000	12,000	-	400,000	2041
	4/1/2021	-	388,000	12,000	-	400,000	2041
	5/1/2021	-	388,000	12,000	-	400,000	2041
	6/1/2021	-	388,000	12,000	-	400,000	2041
	7/1/2021	-	385,955	14,045	-	400,000	2041
	8/1/2021	-	368,600	11,400	-	380,000	2041
	9/1/2021	-	373,450	11,550	-	385,000	2041
	10/1/2021	-	368,600	11,400	-	380,000	2041
	11/1/2021	-	373,450	11,550	-	385,000	2041
	12/1/2021	-	368,600	11,400	-	380,000	2041
	1/1/2022	-	372,586	12,414	-	385,000	2041
	2/1/2022	-	349,200	10,800	-	360,000	2041
	3/1/2022	-	354,050	10,950	-	365,000	2041
	4/1/2022	-	354,050	10,950	-	365,000	2041
	5/1/2022	-	354,050	10,950	-	365,000	2041
	6/1/2022	-	354,050	10,950	-	365,000	2041
	7/1/2022	-	353,943	11,057	-	365,000	2041
	8/1/2022	-	334,650	10,350	-	345,000	2041
	9/1/2022	-	334,650	10,350	-	345,000	2041
	10/1/2022	-	339,500	10,500	-	350,000	2041
	11/1/2022	-	334,650	10,350	-	345,000	2041
	12/1/2022	-	334,650	10,350	-	345,000	2041
Total 2015 A		-	36,251,423	1,278,577	-	37,530,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 C	12/1/2015	$ -	$ 1,678,100	$ 51,900	$ -	$ 1,730,000	2016-2026 & 2031
	1/1/2016	-	20,862	4,138	-	25,000	2025-2026 & 2031
	5/1/2016	-	281,300	8,700	-	290,000	2016-2026 & 2031
	6/1/2016	-	169,750	5,250	-	175,000	2016-2026 & 2031
	7/1/2016	-	2,245,273	109,727	-	2,355,000	2017-2026 & 2031
	9/1/2016	-	9,700	300	-	10,000	2026 & 2031
	10/1/2016	-	645,050	19,950	-	665,000	2017-2026 & 2031
	11/1/2016	-	620,800	19,200	-	640,000	2017-2026 & 2031
	12/1/2016	-	2,628,700	81,300	-	2,710,000	2017-2026 & 2031
	1/1/2017	-	30,846	4,154	-	35,000	2025-2026 & 2031
	5/1/2017	-	1,261,000	39,000	-	1,300,000	2017-2026 & 2031
	6/1/2017	-	1,348,300	41,700	-	1,390,000	2017-2026 & 2031
	7/1/2017	-	1,285,282	69,718	-	1,355,000	2018-2026 & 2031
	11/1/2017	-	1,498,650	46,350	-	1,545,000	2018-2026 & 2031
	12/1/2017	-	1,915,750	59,250	-	1,975,000	2018-2026 & 2031
	1/1/2018	-	894,028	50,972	-	945,000	2018-2026 & 2031
	6/1/2018	-	514,100	15,900	-	530,000	2018-2026 & 2031
	7/1/2018	-	889,856	50,144	-	940,000	2019-2026 & 2031
	11/1/2018	-	572,300	17,700	-	590,000	2019-2026 & 2031
	12/1/2018	-	1,197,950	37,050	-	1,235,000	2019-2026 & 2031
	1/1/2019	-	2,001,568	88,432	-	2,090,000	2019-2026 & 2031
	6/1/2019	-	19,400	600	-	20,000	2026 & 2031
	7/1/2019	-	522,180	32,820	-	555,000	2020-2026 & 2031
	11/1/2019	-	552,900	17,100	-	570,000	2020-2026 & 2031
	12/1/2019	-	596,550	18,450	-	615,000	2020-2026 & 2031
	1/1/2020	-	1,442,510	67,490	-	1,510,000	2020-2026 & 2031
	3/1/2020	-	29,100	900	-	30,000	2025-2026 & 2031
	4/1/2020	-	717,800	22,200	-	740,000	2020-2026 & 2031
	5/1/2020	-	717,800	22,200	-	740,000	2020-2026 & 2031
	6/1/2020	-	82,450	2,550	-	85,000	2022-2026 & 2031
	7/1/2020	-	1,531,412	68,588	-	1,600,000	2021-2026 & 2031
	10/1/2020	-	2,788,750	86,250	-	2,875,000	2021-2026 & 2031
	11/1/2020	-	2,948,800	91,200	-	3,040,000	2021-2026 & 2031
	12/1/2020	-	2,458,950	76,050	-	2,535,000	2021-2026 & 2031
	1/1/2021	-	1,278,244	51,756	-	1,330,000	2021-2026 & 2031
	3/1/2021	-	1,488,950	46,050	-	1,535,000	2021-2026 & 2031
	4/1/2021	-	1,687,800	52,200	-	1,740,000	2021-2026 & 2031
	5/1/2021	-	1,071,850	33,150	-	1,105,000	2021-2026 & 2031
	6/1/2021	-	1,183,400	36,600	-	1,220,000	2021-2026 & 2031
	7/1/2021	-	1,114,445	40,555	-	1,155,000	2022-2026 & 2031
	10/1/2021	-	984,550	30,450	-	1,015,000	2022-2026 & 2031
	11/1/2021	-	1,076,700	33,300	-	1,110,000	2022-2026 & 2031

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	12/1/2021	-	1,110,650	34,350	-	1,145,000	2022-2026 & 2031
	1/1/2022	-	662,914	22,086	-	685,000	2022-2026 & 2031
	4/1/2022	-	155,200	4,800	-	160,000	2022-2026 & 2031
	11/1/2022	-	155,200	4,800	-	160,000	2023-2026 & 2031
	12/1/2022	-	771,150	23,850	-	795,000	2023-2026 & 2031
Total 2015 C		-	48,858,820	1,741,180	-	50,600,000	
2015D	7/1/2022	$ -	$ 4,116,407	$ 128,593	$ -	$ 4,245,000	2046
Total 2015 D		-	4,116,407	128,593	-	4,245,000	

Refer to the disclaimer on page A-1

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 E	4/1/2016	$ -	$ 1,561,700	$ 48,300	$ -	$ 1,610,000	2046
	5/1/2016	-	305,550	9,450	-	315,000	2046
	6/1/2016	-	906,950	28,050	-	935,000	2016-2023 & 2046
	7/1/2016	-	1,917,207	87,793	-	2,005,000	2017-2023 & 2046
	8/1/2016	-	582,000	18,000	-	600,000	2046
	9/1/2016	-	582,000	18,000	-	600,000	2046
	10/1/2016	-	843,900	26,100	-	870,000	2017-2023 & 2046
	11/1/2016	-	1,115,500	34,500	-	1,150,000	2017-2023 & 2046
	12/1/2016	-	742,050	22,950	-	765,000	2017-2023 & 2046
	1/1/2017	-	1,758,055	86,945	-	1,845,000	2017-2023 & 2046
	2/1/2017	-	630,500	19,500	-	650,000	2046
	3/1/2017	-	630,500	19,500	-	650,000	2046
	4/1/2017	-	630,500	19,500	-	650,000	2046
	5/1/2017	-	1,236,750	38,250	-	1,275,000	2017-2023 & 2046
	6/1/2017	-	1,425,900	44,100	-	1,470,000	2017-2023 & 2046
	7/1/2017	-	1,057,500	67,500	-	1,125,000	2018-2023 & 2046
	8/1/2017	-	674,150	20,850	-	695,000	2046
	9/1/2017	-	766,300	23,700	-	790,000	2018-2023 & 2046
	10/1/2017	-	1,290,100	39,900	-	1,330,000	2018-2023 & 2046
	11/1/2017	-	1,372,550	42,450	-	1,415,000	2018-2023 & 2046
	12/1/2017	-	1,202,800	37,200	-	1,240,000	2018-2023 & 2046
	1/1/2018	-	1,173,808	66,192	-	1,240,000	2018-2023 & 2046
	2/1/2018	-	712,950	22,050	-	735,000	2046
	3/1/2018	-	717,800	22,200	-	740,000	2046
	4/1/2018	-	712,950	22,050	-	735,000	2046
	5/1/2018	-	717,800	22,200	-	740,000	2046
	6/1/2018	-	868,150	26,850	-	895,000	2018-2023 & 2046
	7/1/2018	-	1,366,327	68,673	-	1,435,000	2019-2023 & 2046
	8/1/2018	-	703,250	21,750	-	725,000	2046
	9/1/2018	-	703,250	21,750	-	725,000	2046
	10/1/2018	-	703,250	21,750	-	725,000	2046
	11/1/2018	-	989,400	30,600	-	1,020,000	2019-2023 & 2046
	12/1/2018	-	1,362,850	42,150	-	1,405,000	2019-2023 & 2046
	1/1/2018	-	1,487,601	67,399	-	1,555,000	2019-2023 & 2046
	2/1/2019	-	460,750	14,250	-	475,000	2046
	3/1/2019	-	882,700	27,300	-	910,000	2046
	4/1/2019	-	674,150	20,850	-	695,000	2046
	5/1/2019	-	674,150	20,850	-	695,000	2046
	6/1/2019	-	727,500	22,500	-	750,000	2019-2023 & 2046
	7/1/2019	-	946,316	53,684	-	1,000,000	2020-2023 & 2046
	8/1/2019	-	640,200	19,800	-	660,000	2046
	9/1/2019	-	480,150	14,850	-	495,000	2046
	10/1/2019	-	809,950	25,050	-	835,000	2046

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	11/1/2019	-	882,700	27,300	-	910,000	2020-2023 & 2046
	12/1/2019	-	1,062,150	32,850	-	1,095,000	2020-2023 & 2046
	1/1/2019	-	1,073,915	51,085	-	1,125,000	2020-2023 & 2046
	2/1/2020	-	611,100	18,900	-	630,000	2046
	3/1/2020	-	615,950	19,050	-	635,000	2046
	4/1/2020	-	892,400	27,600	-	920,000	2020-2023 & 2046
	5/1/2020	-	1,023,350	31,650	-	1,055,000	2020-2023 & 2046
	6/1/2020	-	839,050	25,950	-	865,000	2020-2023 & 2046
	7/1/2020	-	936,320	43,680	-	980,000	2021-2023 & 2046
	8/1/2020	-	586,850	18,150	-	605,000	2046
	9/1/2020	-	586,850	18,150	-	605,000	2046
	10/1/2020	-	882,700	27,300	-	910,000	2021-2023 & 2046
	11/1/2020	-	1,256,150	38,850	-	1,295,000	2021-2023 & 2046
	12/1/2020	-	1,125,200	34,800	-	1,160,000	2021-2023 & 2046
	1/1/2021	-	1,050,399	39,601	-	1,090,000	2021-2023 & 2046
	2/1/2021	-	557,750	17,250	-	575,000	2046
	3/1/2021	-	1,008,800	31,200	-	1,040,000	2021-2023 & 2046
	4/1/2021	-	945,750	29,250	-	975,000	2021-2023 & 2046
	5/1/2021	-	863,300	26,700	-	890,000	2021-2023 & 2046
	6/1/2021	-	863,300	26,700	-	890,000	2021-2023 & 2046
	7/1/2021	-	643,952	21,048	-	665,000	2022-2023 & 2046
	8/1/2021	-	533,500	16,500	-	550,000	2046
	9/1/2021	-	533,500	16,500	-	550,000	2046
	10/1/2021	-	538,350	16,650	-	555,000	2046
	11/1/2021	-	543,200	16,800	-	560,000	2022 & 2046
	12/1/2021	-	800,250	24,750	-	825,000	2022-2023 & 2046
	1/1/2022	-	557,700	17,300	-	575,000	2022-2023 & 2046
	2/1/2022	-	509,250	15,750	-	525,000	2046
	3/1/2022	-	509,250	15,750	-	525,000	2046
	4/1/2022	-	509,250	15,750	-	525,000	2046
	5/1/2022	-	509,250	15,750	-	525,000	2046
	6/1/2022	-	509,250	15,750	-	525,000	2046
	7/1/2022	-	514,100	15,900	-	530,000	2046
	8/1/2022	-	485,000	15,000	-	500,000	2046
	9/1/2022	-	485,000	15,000	-	500,000	2046
	10/1/2022	-	489,850	15,150	-	505,000	2046
	11/1/2022	-	485,000	15,000	-	500,000	2046
	12/1/2022	-	485,000	15,000	-	500,000	2046
Total 2015 E		-	67,052,350	2,312,650	-	69,365,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 G	7/1/2021	$ -	$ 1,452,524	$ 47,476	$ -	$ 1,500,000	2034
	1/1/2022	-	2,604,215	80,785	-	2,685,000	2034
	7/1/2022	-	2,221,300	68,700	-	2,290,000	2034
Total 2015 G		-	6,278,039	196,961	-	6,475,000	

Refer to the disclaimer on page A-1

MINNESOTA HOUSING

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 A	11/1/2016	$ -	$ 2,439,550	$ 75,450	$ -	$ 2,515,000	2017-2026, 2031 & 2033
	12/1/2016	-	480,150	14,850	-	495,000	2017-2026, 2031 & 2033
	1/1/2017	-	759,401	40,599	-	800,000	2017-2026, 2031 & 2033
	2/1/2017	-	1,168,850	36,150	-	1,205,000	2017-2026, 2031 & 2033
	3/1/2017	-	426,800	13,200	-	440,000	2017-2026, 2031 & 2033
	4/1/2017	-	1,071,850	33,150	-	1,105,000	2017-2026, 2031 & 2033
	5/1/2017	-	717,800	22,200	-	740,000	2017-2026, 2031 & 2033
	6/1/2017	-	533,500	16,500	-	550,000	2017-2026, 2031 & 2033
	7/1/2017	-	883,012	41,988	-	925,000	2018-2026, 2031 & 2033
	11/1/2017	-	999,100	30,900	-	1,030,000	2018-2026, 2031 & 2033
	12/1/2017	-	1,067,000	33,000	-	1,100,000	2018-2026, 2031 & 2033
	1/1/2018	-	705,595	44,405	-	750,000	2018-2026, 2031 & 2033
	5/1/2018	-	446,200	13,800	-	460,000	2018-2026, 2031 & 2033
	6/1/2018	-	426,800	13,200	-	440,000	2018-2026, 2031 & 2033
	7/1/2018	-	1,199,038	50,962	-	1,250,000	2019-2026, 2031 & 2033
	11/1/2018	-	669,300	20,700	-	690,000	2019-2026, 2031 & 2033
	12/1/2018	-	1,120,350	34,650	-	1,155,000	2019-2026, 2031 & 2033
	1/1/2019	-	1,507,089	72,911	-	1,580,000	2019-2026, 2031 & 2033
	5/1/2019	-	164,900	5,100	-	170,000	2019-2026, 2031 & 2033
	6/1/2019	-	252,200	7,800	-	260,000	2019-2026, 2031 & 2033
	7/1/2019	-	511,063	28,937	-	540,000	2020-2026, 2031 & 2033
	10/1/2019	-	72,750	2,250	-	75,000	2023-2026, 2031 & 2033
	11/1/2019	-	756,600	23,400	-	780,000	2020-2026, 2031 & 2033
	12/1/2019	-	989,400	30,600	-	1,020,000	2020-2026, 2031 & 2033
	1/1/2020	-	1,008,659	51,341	-	1,060,000	2020-2026, 2031 & 2033
	5/1/2020	-	809,950	25,050	-	835,000	2020-2026, 2031 & 2033
	6/1/2020	-	388,000	12,000	-	400,000	2020-2026, 2031 & 2033
	7/1/2020	-	704,032	35,968	-	740,000	2021-2026, 2031 & 2033
	10/1/2020	-	2,240,700	69,300	-	2,310,000	2021-2026, 2031 & 2033
	11/1/2020	-	1,503,500	46,500	-	1,550,000	2021-2026, 2031 & 2033
	12/1/2020	-	1,532,600	47,400	-	1,580,000	2021-2026, 2031 & 2033
	1/1/2021	-	1,771,841	73,159	-	1,845,000	2021-2026, 2031 & 2033
	3/1/2021	-	1,333,750	41,250	-	1,375,000	2021-2026, 2031 & 2033
	4/1/2021	-	877,850	27,150	-	905,000	2021-2026, 2031 & 2033
	5/1/2021	-	906,950	28,050	-	935,000	2021-2026, 2031 & 2033
	6/1/2021	-	1,139,750	35,250	-	1,175,000	2021-2026, 2031 & 2033
	7/1/2021	-	1,507,746	57,254	-	1,565,000	2022-2026, 2031 & 2033
	10/1/2021	-	596,550	18,450	-	615,000	2022-2026, 2031 & 2033
	11/1/2021	-	596,550	18,450	-	615,000	2022-2026, 2031 & 2033
	12/1/2021	-	1,100,950	34,050	-	1,135,000	2022-2026, 2031 & 2033
	1/1/2022	-	800,427	34,573	-	835,000	2022-2026, 2031 & 2033
	4/1/2022	-	771,150	23,850	-	795,000	2022-2026, 2031 & 2033
	5/1/2022	-	611,100	18,900	-	630,000	2022-2026, 2031 & 2033

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2022	-	533,500	16,500	-	550,000	2022-2026, 2031 & 2033
	7/1/2022	-	147,598	7,402	-	155,000	2023-2026, 2031 & 2033
	12/1/2022	-	82,450	2,550	-	85,000	2024-2026, 2031 & 2033
Total 2016 A		-	40,333,901	1,431,099	-	41,765,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 B							
	9/1/2016	$ -	$ 504,400	$ 15,600	$ -	$ 520,000	2046
	11/1/2016	-	2,172,800	67,200	-	2,240,000	2035, 2037 & 2046
	12/1/2016	-	620,800	19,200	-	640,000	2035, 2037 & 2046
	1/1/2017	-	726,177	38,823	-	765,000	2035, 2037 & 2046
	2/1/2017	-	1,003,950	31,050	-	1,035,000	2035, 2037 & 2046
	3/1/2017	-	703,250	21,750	-	725,000	2035, 2037 & 2046
	4/1/2017	-	960,300	29,700	-	990,000	2035, 2037 & 2046
	5/1/2017	-	824,500	25,500	-	850,000	2035, 2037 & 2046
	6/1/2017	-	742,050	22,950	-	765,000	2035, 2037 & 2046
	7/1/2017	-	887,785	42,215	-	930,000	2035, 2037 & 2046
	8/1/2017	-	577,150	17,850	-	595,000	2046
	9/1/2017	-	577,150	17,850	-	595,000	2046
	10/1/2017	-	577,150	17,850	-	595,000	2046
	11/1/2017	-	994,250	30,750	-	1,025,000	2035, 2037 & 2046
	12/1/2017	-	1,018,500	31,500	-	1,050,000	2035, 2037 & 2046
	1/1/2018	-	865,530	54,470	-	920,000	2035, 2037 & 2046
	2/1/2018	-	625,650	19,350	-	645,000	2046
	3/1/2018	-	625,650	19,350	-	645,000	2046
	4/1/2018	-	625,650	19,350	-	645,000	2046
	5/1/2018	-	814,800	25,200	-	840,000	2035, 2037 & 2046
	6/1/2018	-	805,100	24,900	-	830,000	2035, 2037 & 2046
	7/1/2018	-	1,131,892	48,108	-	1,180,000	2035, 2037 & 2046
	8/1/2018	-	567,450	17,550	-	585,000	2046
	9/1/2018	-	567,450	17,550	-	585,000	2046
	10/1/2018	-	567,450	17,550	-	585,000	2046
	11/1/2018	-	858,450	26,550	-	885,000	2035, 2037 & 2046
	12/1/2018	-	1,052,450	32,550	-	1,085,000	2035, 2037 & 2046
	1/1/2019	-	1,230,471	59,529	-	1,290,000	2035, 2037 & 2046
	2/1/2019	-	538,350	16,650	-	555,000	2046
	3/1/2019	-	538,350	16,650	-	555,000	2046
	4/1/2019	-	543,200	16,800	-	560,000	2046
	5/1/2019	-	615,950	19,050	-	635,000	2035, 2037 & 2046
	6/1/2019	-	649,900	20,100	-	670,000	2035, 2037 & 2046
	7/1/2019	-	766,595	43,405	-	810,000	2035, 2037 & 2046
	8/1/2019	-	509,250	15,750	-	525,000	2046
	9/1/2019	-	509,250	15,750	-	525,000	2046
	10/1/2019	-	543,200	16,800	-	560,000	2035, 2037 & 2046
	11/1/2019	-	853,600	26,400	-	880,000	2035, 2037 & 2046
	12/1/2019	-	960,300	29,700	-	990,000	2035, 2037 & 2046
	1/1/2020	-	975,354	49,646	-	1,025,000	2035, 2037 & 2046
	2/1/2020	-	480,150	14,850	-	495,000	2046
	3/1/2020	-	480,150	14,850	-	495,000	2046

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	4/1/2020	-	480,150	14,850	-	495,000	2046
	5/1/2020	-	858,450	26,550	-	885,000	2035, 2037 & 2046
	6/1/2020	-	659,600	20,400	-	680,000	2035, 2037 & 2046
	7/1/2020	-	818,199	41,801	-	860,000	2035, 2037 & 2046
	8/1/2020	-	451,050	13,950	-	465,000	2046
	9/1/2020	-	455,900	14,100	-	470,000	2046
	10/1/2020	-	1,537,450	47,550	-	1,585,000	2035, 2037 & 2046
	11/1/2020	-	1,188,250	36,750	-	1,225,000	2035, 2037 & 2046
	12/1/2020	-	1,193,100	36,900	-	1,230,000	2035, 2037 & 2046
	1/1/2021	-	1,339,685	55,315	-	1,395,000	2035, 2037 & 2046
	2/1/2021	-	421,950	13,050	-	435,000	2046
	3/1/2021	-	1,096,100	33,900	-	1,130,000	2035, 2037 & 2046
	4/1/2021	-	863,300	26,700	-	890,000	2035, 2037 & 2046
	5/1/2021	-	882,700	27,300	-	910,000	2035, 2037 & 2046
	6/1/2021	-	999,100	30,900	-	1,030,000	2035, 2037 & 2046
	7/1/2021	-	1,209,087	45,913	-	1,255,000	2035, 2037 & 2046
	8/1/2021	-	397,700	12,300	-	410,000	2046
	9/1/2021	-	397,700	12,300	-	410,000	2046
	10/1/2021	-	712,950	22,050	-	735,000	2035, 2037 & 2046
	11/1/2021	-	708,100	21,900	-	730,000	2035, 2037 & 2046
	12/1/2021	-	965,150	29,850	-	995,000	2035, 2037 & 2046
	1/1/2022	-	829,185	35,815	-	865,000	2035, 2037 & 2046
	2/1/2022	-	368,600	11,400	-	380,000	2046
	3/1/2022	-	373,450	11,550	-	385,000	2046
	4/1/2022	-	785,700	24,300	-	810,000	2035, 2037 & 2046
	5/1/2022	-	698,400	21,600	-	720,000	2035, 2037 & 2046
	6/1/2022	-	664,450	20,550	-	685,000	2035, 2037 & 2046
	7/1/2022	-	452,316	22,684	-	475,000	2035, 2037 & 2046
	8/1/2022	-	339,500	10,500	-	350,000	2046
	9/1/2022	-	344,350	10,650	-	355,000	2046
	10/1/2022	-	344,350	10,650	-	355,000	2046
	11/1/2022	-	344,350	10,650	-	355,000	2046
	12/1/2022	-	392,850	12,150	-	405,000	2035, 2037 & 2046
Total 2016 B		-	55,764,976	1,915,024	-	57,680,000	

Refer to the disclaimer on page A-1

MINNESOTA HOUSING

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 C	11/1/2016	$ -	$ 1,173,700	$ 36,300	$ -	$ 1,210,000	2017-2026, 2031 & 2037
	12/1/2016	-	310,400	9,600	-	320,000	2017-2026, 2031 & 2037
	1/1/2017	-	161,373	8,627	-	170,000	2018-2026, 2031 & 2037
	2/1/2017	-	227,950	7,050	-	235,000	2018-2026, 2031 & 2037
	3/1/2017	-	126,100	3,900	-	130,000	2018-2026, 2031 & 2037
	4/1/2017	-	518,950	16,050	-	535,000	2018-2026, 2031 & 2037
	5/1/2017	-	72,750	2,250	-	75,000	2018-2026, 2031 & 2037
	6/1/2017	-	121,250	3,750	-	125,000	2018-2026, 2031 & 2037
	7/1/2017	-	52,503	2,497	-	55,000	2018-2026, 2031 & 2037
	8/1/2017	-	257,050	7,950	-	265,000	2018-2026, 2031 & 2037
	9/1/2017	-	24,250	750	-	25,000	2018-2019, 2031 & 2037
	10/1/2017	-	237,650	7,350	-	245,000	2018-2026, 2031 & 2037
	11/1/2017	-	242,500	7,500	-	250,000	2018-2026, 2031 & 2037
	12/1/2017	-	126,100	3,900	-	130,000	2018-2026, 2031 & 2037
	1/1/2018		206,975	13,025	-	220,000	2019-2026, 2031 & 2037
	2/1/2018	-	33,950	1,050	-	35,000	2019, 2026, 2031 & 2037
	3/1/2018	-	164,900	5,100	-	170,000	2019-2026, 2031 & 2037
	4/1/2018	-	24,250	750	-	25,000	2019 & 2026, 2031 & 2037
	5/1/2018	-	43,650	1,350	-	45,000	2019 & 2026, 2031 & 2037
	6/1/2018	-	116,400	3,600	-	120,000	2019 & 2026, 2031 & 2037
	7/1/2018	-	100,719	4,281	-	105,000	2019 & 2026, 2031 & 2037
	8/1/2018	-	257,050	7,950	-	265,000	2019-2026, 2031 & 2037
	9/1/2018	-	286,150	8,850	-	295,000	2019-2026, 2031 & 2037
	10/1/2018	-	140,650	4,350	-	145,000	2019-2026, 2031 & 2037
	11/1/2018	-	29,100	900	-	30,000	2019 & 2026, 2031 & 2037
	12/1/2018	-	174,600	5,400	-	180,000	2019 & 2026, 2031 & 2037
	1/1/2019	-	257,540	12,460	-	270,000	2019 & 2026, 2031 & 2037
	2/1/2019	-	14,550	450	-	15,000	2026, 2031 & 2037
	3/1/2019	-	169,750	5,250	-	175,000	2020-2026, 2031 & 2037
	4/1/2019	-	24,250	750	-	25,000	2025, 2031 & 2037
	5/1/2019	-	121,250	3,750	-	125,000	2020-2026, 2031 & 2037
	6/1/2019	-	198,850	6,150	-	205,000	2020-2026, 2031 & 2037
	7/1/2019	-	94,641	5,359	-	100,000	2022-2026, 2031 & 2037
	8/1/2019	-	92,150	2,850	-	95,000	2022-2026, 2031 & 2037
	9/1/2019	-	33,950	1,050	-	35,000	2024, 2026, 2031 & 2037
	10/1/2019	-	121,250	3,750	-	125,000	2020-2026, 2031 & 2037
	11/1/2019	-	106,700	3,300	-	110,000	2021-2026, 2031 & 2037
	12/1/2019	-	67,900	2,100	-	70,000	2020-2026, 2031 & 2037
	1/1/2020	-	114,188	5,812	-	120,000	2020-2026, 2031 & 2037
	2/1/2020	-	227,950	7,050	-	235,000	2021-2026, 2031 & 2037
	3/1/2020	-	87,300	2,700	-	90,000	2023-2026, 2031 & 2037
	4/1/2020	-	87,300	2,700	-	90,000	2021-2026, 2031 & 2037
	5/1/2020	-	121,250	3,750	-	125,000	2021-2026, 2031 & 2037

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2020	-	48,500	1,500	-	50,000	2022, 2025-2026, 2031 & 2037
	7/1/2020	-	80,869	4,131	-	85,000	2023-2026, 2031 & 2037
	8/1/2020	-	155,200	4,800	-	160,000	2021-2026, 2031 & 2037
	9/1/2020	-	111,550	3,450	-	115,000	2021-2026, 2031 & 2037
	10/1/2020	-	43,650	1,350	-	45,000	2023-2024, 2031 & 2037
	11/1/2020	-	160,050	4,950	-	165,000	2021-2026, 2031 & 2037
	12/1/2020	-	101,850	3,150	-	105,000	2021-2025, 2031 & 2037
	1/1/2021	-	67,224	2,776	-	70,000	2022-2023, 2026, 2031 & 2037
	2/1/2021	-	203,700	6,300	-	210,000	2023-2026, 2031 & 2037
	3/1/2021	-	38,800	1,200	-	40,000	2023-2024, 2031 & 2037
	4/1/2021	-	184,300	5,700	-	190,000	2022-2026, 2031 & 2037
	5/1/2021	-	77,600	2,400	-	80,000	2023-2026, 2031 & 2037
	6/1/2021	-	92,150	2,850	-	95,000	2022-2025, 2031 & 2037
	7/1/2021	-	202,317	7,683	-	210,000	2022-2026, 2031 & 2037
	8/1/2021	-	237,650	7,350	-	245,000	2022-2026, 2031 & 2037
	9/1/2021	-	87,300	2,700	-	90,000	2022-2026, 2031 & 2037
	10/1/2021	-	48,500	1,500	-	50,000	2024-2025, 2031 & 2037
	11/1/2021	-	111,550	3,450	-	115,000	2022-2025, 2031 & 2037
	12/1/2021	-	63,050	1,950	-	65,000	2022,2023, 2026, 2031 & 2037
	1/1/2022	-	110,238	4,762	-	115,000	2023-2026, 2031 & 2037
	2/1/2022	-	126,100	3,900	-	130,000	2023-2026, 2031 & 2037
	3/1/2022	-	63,050	1,950	-	65,000	2025-2026, 2031 & 2037
	4/1/2022	-	63,050	1,950	-	65,000	2023-2024, 2031 & 2037
	5/1/2022	-	140,650	4,350	-	145,000	2023-2026, 2031 & 2037
	6/1/2022	-	116,400	3,600	-	120,000	2023-2026, 2031 & 2037
	7/1/2022	-	99,986	5,014	-	105,000	2023-2026, 2031 & 2037
	8/1/2022	-	14,550	450	-	15,000	2025, 2031 & 2037
	9/1/2022	-	14,550	450	-	15,000	2023, 2031 & 2037
	10/1/2022	-	4,850	150	-	5,000	2037
	11/1/2022	-	92,150	2,850	-	95,000	2023-2025, 2031 & 2037
	12/1/2022	-	9,700	300	-	10,000	2031 & 2037
Total 2016 C		-	10,142,773	342,227	-	10,485,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 E	4/1/2017	$ -	$ 1,304,233	$ 10,767	$ -	$ 1,315,000	2021-2027, 2031 & 2047
	5/1/2017	-	247,953	2,047	-	250,000	2047
	6/1/2017	-	724,022	5,978	-	730,000	2021-2027, 2031 & 2047
	7/1/2017	-	1,026,813	18,187	-	1,045,000	2021-2027, 2031 & 2047
	8/1/2017	-	282,666	2,334	-	285,000	2047
	9/1/2017	-	436,398	3,602	-	440,000	2021-2027, 2031 & 2047
	10/1/2017	-	991,812	8,188	-	1,000,000	2021-2027, 2031 & 2047
	11/1/2017	-	600,046	4,954	-	605,000	2021-2027, 2031 & 2047
	12/1/2017	-	882,712	7,288	-	890,000	2021-2027, 2031 & 2047
	1/1/2018	-	921,873	18,127	-	940,000	2021-2027, 2031 & 2047
	2/1/2018	-	357,052	2,948	-	360,000	2047
	3/1/2018	-	357,052	2,948	-	360,000	2047
	4/1/2018	-	357,052	2,948	-	360,000	2047
	5/1/2018	-	570,292	4,708	-	575,000	2021-2027, 2031 & 2047
	6/1/2018	-	887,672	7,328	-	895,000	2021-2027, 2031 & 2047
	7/1/2018	-	906,867	18,133	-	925,000	2021-2027, 2031 & 2047
	8/1/2018	-	426,479	3,521	-	430,000	2047
	9/1/2018	-	431,438	3,562	-	435,000	2047
	10/1/2018	-	728,981	6,019	-	735,000	2021-2027, 2031 & 2047
	11/1/2018	-	1,284,396	10,604	-	1,295,000	2021-2027, 2031 & 2047
	12/1/2018	-	1,150,502	9,498	-	1,160,000	2021-2027, 2031 & 2047
	1/1/2019	-	1,383,463	21,537	-	1,405,000	2021-2027, 2031 & 2047
	2/1/2019	-	481,029	3,971	-	485,000	2047
	3/1/2019	-	485,988	4,012	-	490,000	2047
	4/1/2019	-	485,988	4,012	-	490,000	2047
	5/1/2019	-	485,988	4,012	-	490,000	2047
	6/1/2019	-	485,988	4,012	-	490,000	2047
	7/1/2019	-	1,110,597	19,403		1,130,000	2021-2027, 2031 & 2047
	8/1/2019	-	466,152	3,848	-	470,000	2047
	9/1/2019	-	466,152	3,848	-	470,000	2047
	10/1/2019	-	788,491	6,509	-	795,000	2021-2027, 2031 & 2047
	11/1/2019	-	1,572,022	12,978	-	1,585,000	2021-2027, 2031 & 2047
	12/1/2019	-	1,859,648	15,352	-	1,875,000	2021-2027, 2031 & 2047
	1/1/2020	-	1,731,302	23,698	-	1,755,000	2021-2027, 2031 & 2047
	2/1/2020	-	431,438	3,562	-	435,000	2047
	3/1/2020	-	436,397	3,603	-	440,000	2047
	4/1/2020	-	1,140,584	9,416	-	1,150,000	2021-2027, 2031 & 2047
	5/1/2020	-	1,244,724	10,276	-	1,255,000	2021-2027, 2031 & 2047
	6/1/2020	-	436,397	3,603	-	440,000	2047
	7/1/2020	-	1,483,945	21,055	-	1,505,000	2021-2027, 2031 & 2047
	8/1/2020	-	401,684	3,316	-	405,000	2047
	9/1/2020	-	833,122	6,878	-	840,000	2021-2027, 2031 & 2047
	10/1/2020	-	4,413,564	36,436	-	4,450,000	2021-2027, 2031 & 2047

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	11/1/2020	-	3,069,658	25,342	-	3,095,000	2021-2027, 2031 & 2047
	12/1/2020	-	3,129,167	25,833	-	3,155,000	2021-2027, 2031 & 2047
	1/1/2021	-	2,657,652	27,348	-	2,685,000	2021-2027, 2031 & 2047
	2/1/2021	-	758,736	6,264	-	765,000	2021-2027, 2031 & 2047
	3/1/2021	-	3,158,921	26,079	-	3,185,000	2021-2027, 2031 & 2047
	4/1/2021	-	2,553,916	21,084	-	2,575,000	2021-2027, 2031 & 2047
	5/1/2021	-	2,330,758	19,242	-	2,350,000	2021-2027, 2031 & 2047
	6/1/2021	-	1,943,952	16,048	-	1,960,000	2021-2027, 2031 & 2047
	7/1/2021	-	371,690	3,310	-	375,000	2047
	8/1/2021	-	337,216	2,784	-	340,000	2047
	9/1/2021	-	342,175	2,825	-	345,000	2047
	10/1/2021	-	342,175	2,825	-	345,000	2047
	11/1/2021	-	337,216	2,784	-	340,000	2047
	12/1/2021	-	342,175	2,825	-	345,000	2047
	1/1/2022	-	470,966	4,034	-	475,000	2022-2027, 2031 & 2047
	2/1/2022	-	307,462	2,538	-	310,000	2047
	3/1/2022	-	312,421	2,579	-	315,000	2047
	4/1/2022	-	307,462	2,538	-	310,000	2047
	5/1/2022	-	575,251	4,749	-	580,000	2022-2027, 2031 & 2047
	6/1/2022	-	932,303	7,697	-	940,000	2022-2027, 2031 & 2047
	7/1/2022	-	1,581,624	13,376	-	1,595,000	2023-2027, 2031 & 2047
	8/1/2022	-	277,707	2,293	-	280,000	2047
	9/1/2022	-	282,666	2,334	-	285,000	2047
	10/1/2022	-	277,707	2,293	-	280,000	2047
	11/1/2022	-	1,254,642	10,358	-	1,265,000	2023-2027, 2031 & 2047
	12/1/2022	-	421,520	3,480	-	425,000	2023-2027, 2031 & 2047
Total 2016 E		-	66,178,112	621,888	-	66,800,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 F	7/1/2021	$ -	$ 1,848,536	$ 16,464	$ -	$ 1,865,000	2041
	8/1/2021	-	1,472,841	12,159	-	1,485,000	2041
	1/1/2022	-	4,194,077	35,923		4,230,000	2041
	7/1/2022	-	3,738,383	31,617	-	3,770,000	2041
Total 2016 F		-	11,253,837	96,163	-	11,350,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 B	10/1/2017	$ -	$ 211,743	$ 3,257	$ -	$ 215,000	2047
	11/1/2017	-	359,470	5,530	-	365,000	2038 & 2047
	12/1/2017	-	172,349	2,651	-	175,000	2038 & 2047
	1/1/2018	-	141,775	3,225	-	145,000	2038 & 2047
	2/1/2018	-	285,606	4,394	-	290,000	2047
	3/1/2018	-	285,606	4,394	-	290,000	2047
	4/1/2018	-	315,152	4,848	-	320,000	2038 & 2047
	5/1/2018	-	310,227	4,773	-	315,000	2038 & 2047
	6/1/2018	-	339,773	5,227	-	345,000	2038 & 2047
	7/1/2018	-	384,183	10,817	-	395,000	2038 & 2047
	8/1/2018	-	325,000	5,000	-	330,000	2047
	9/1/2018	-	325,000	5,000	-	330,000	2047
	10/1/2018	-	393,940	6,060	-	400,000	2038 & 2047
	11/1/2018	-	403,788	6,212	-	410,000	2038 & 2047
	12/1/2018	-	403,788	6,212	-	410,000	2038 & 2047
	1/1/2019	-	403,262	11,738	-	415,000	2038 & 2047
	2/1/2019	-	423,485	6,515	-	430,000	2047
	3/1/2019	-	423,485	6,515	-	430,000	2047
	4/1/2019	-	428,410	6,590	-	435,000	2047
	5/1/2019	-	457,955	7,045	-	465,000	2047
	6/1/2019	-	453,031	6,969	-	460,000	2038 & 2047
	7/1/2019	-	495,646	14,354	-	510,000	2038 & 2047
	8/1/2019	-	453,031	6,969	-	460,000	2047
	9/1/2019	-	457,955	7,045	-	465,000	2047
	10/1/2019	-	517,046	7,954	-	525,000	2038 & 2047
	11/1/2019	-	541,668	8,332	-	550,000	2038 & 2047
	12/1/2019	-	556,440	8,560	-	565,000	2038 & 2047
	1/1/2020	-	494,343	15,657	-	510,000	2038 & 2047
	2/1/2020	-	453,031	6,969	-	460,000	2047
	3/1/2020	-	453,031	6,969	-	460,000	2047
	4/1/2020	-	492,425	7,575	-	500,000	2038 & 2047
	5/1/2020	-	512,122	7,878	-	520,000	2038 & 2047
	6/1/2020	-	502,274	7,726	-	510,000	2038 & 2047
	7/1/2020	-	541,137	13,863	-	555,000	2038 & 2047
	8/1/2020	-	423,485	6,515	-	430,000	2047
	9/1/2020	-	443,182	6,818	-	450,000	2038 & 2047
	10/1/2020	-	694,319	10,681	-	705,000	2038 & 2047
	11/1/2020	-	689,395	10,605	-	700,000	2038 & 2047
	12/1/2020	-	590,910	9,090	-	600,000	2038 & 2047
	1/1/2021	-	672,589	12,411	-	685,000	2038 & 2047
	2/1/2021	-	398,864	6,136	-	405,000	2047
	3/1/2021	-	526,895	8,105	-	535,000	2038 & 2047
	4/1/2021	-	536,743	8,257	-	545,000	2038 & 2047

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	5/1/2021	-	541,668	8,332	-	550,000	2038 & 2047
	6/1/2021	-	630,304	9,696	-	640,000	2038 & 2047
	7/1/2021	-	604,901	10,099	-	615,000	2038 & 2047
	8/1/2021	-	374,243	5,757	-	380,000	2047
	9/1/2021	-	379,167	5,833	-	385,000	2047
	10/1/2021	-	389,015	5,985	-	395,000	2038 & 2047
	11/1/2021	-	546,592	8,408	-	555,000	2038 & 2047
	12/1/2021	-	448,107	6,893	-	455,000	2038 & 2047
	1/1/2022	-	379,167	5,833	-	385,000	2047
	2/1/2022	-	349,622	5,378	-	355,000	2047
	3/1/2022	-	354,546	5,454	-	360,000	2047
	4/1/2022	-	354,546	5,454	-	360,000	2047
	5/1/2022	-	349,622	5,378	-	355,000	2047
	6/1/2022	-	354,546	5,454	-	360,000	2047
	7/1/2022	-	354,546	5,454	-	360,000	2047
	8/1/2022	-	310,228	4,772	-	315,000	2047
	9/1/2022	-	315,152	4,848	-	320,000	2047
	10/1/2022	-	315,152	4,848	-	320,000	2047
	11/1/2022	-	315,152	4,848	-	320,000	2047
	12/1/2022	-	315,152	4,848	-	320,000	2047
Total 2017 B		-	26,674,987	445,013	-	27,120,000	
2017C	1/1/2022	$ -	$ 1,595,457	$ 24,543	$ -	$ 1,620,000	2038
	7/1/2022	-	3,333,717	51,283	-	3,385,000	2038
Total 2017C		-	4,929,174	75,826	-	5,005,000	

Refer to the disclaimer on page A-1

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 E	4/1/2018	$ -	$ 487,260	$ 2,740	$ -	$ 490,000	2048
	5/1/2018	-	159,105	895	-	160,000	2048
	6/1/2018	-	432,568	2,432	-	435,000	2034 & 2048
	7/1/2018	-	334,759	5,241	-	340,000	2034 & 2048
	8/1/2018	-	263,518	1,482	-	265,000	2048
	9/1/2018	-	263,518	1,482	-	265,000	2048
	10/1/2018	-	263,518	1,482	-	265,000	2048
	11/1/2018	-	611,561	3,439	-	615,000	2034 & 2048
	12/1/2018	-	502,177	2,823	-	505,000	2034 & 2048
	1/1/2019	-	483,092	6,908	-	490,000	2034 & 2048
	2/1/2019	-	362,959	2,041	-	365,000	2048
	3/1/2019	-	362,959	2,041	-	365,000	2048
	4/1/2019	-	427,596	2,404	-	430,000	2034 & 2048
	5/1/2019	-	477,316	2,684	-	480,000	2034 & 2048
	6/1/2019	-	452,456	2,544	-	455,000	2034 & 2048
	7/1/2019	-	592,183	7,817	-	600,000	2034 & 2048
	8/1/2019	-	452,456	2,544	-	455,000	2048
	9/1/2019	-	457,428	2,572	-	460,000	2048
	10/1/2019	-	641,394	3,606	-	645,000	2034 & 2048
	11/1/2019	-	894,968	5,032	-	900,000	2034 & 2048
	12/1/2019	-	745,807	4,193	-	750,000	2034 & 2048
	1/1/2020	-	786,394	8,606	-	795,000	2034 & 2048
	2/1/2020	-	541,953	3,047	-	545,000	2048
	3/1/2020	-	541,953	3,047	-	545,000	2048
	4/1/2020	-	541,953	3,047	-	545,000	2048
	5/1/2020	-	631,450	3,550	-	635,000	2034 & 2048
	6/1/2020	-	586,701	3,299	-	590,000	2034 & 2048
	7/1/2020	-	1,085,024	9,976	-	1,095,000	2034 & 2048
	8/1/2020	-	556,869	3,131	-	560,000	2048
	9/1/2020	-	691,114	3,886	-	695,000	2034 & 2048
	10/1/2020	-	2,466,134	13,866	-	2,480,000	2034 & 2048
	11/1/2020	-	1,949,042	10,958	-	1,960,000	2034 & 2048
	12/1/2020	-	1,760,104	9,896	-	1,770,000	2034 & 2048
	1/1/2021	-	1,906,981	13,019	-	1,920,000	2048
	2/1/2021	-	527,055	2,945	-	530,000	2048
	3/1/2021	-	1,158,527	6,473	-	1,165,000	2034 & 2048
	4/1/2021	-	1,914,305	10,695	-	1,925,000	2034 & 2048
	5/1/2021	-	1,123,722	6,278	-	1,130,000	2034 & 2048
	6/1/2021	-	1,680,610	9,390	-	1,690,000	2034 & 2048
	7/1/2021	-	1,838,469	11,531	-	1,850,000	2034 & 2048
	8/1/2021	-	497,222	2,778	-	500,000	2048
	9/1/2021	-	1,138,638	6,362	-	1,145,000	2034 & 2048
	10/1/2021	-	1,183,388	6,612	-	1,190,000	2034 & 2048

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	11/1/2021	-	1,213,222	6,778	-	1,220,000	2034 & 2048
	12/1/2021	-	1,615,971	9,029	-	1,625,000	2034 & 2048
	1/1/2022	-	1,367,061	7,939	-	1,375,000	2034 & 2048
	2/1/2022	-	472,361	2,639	-	475,000	2048
	3/1/2022	-	860,194	4,806	-	865,000	2034 & 2048
	4/1/2022	-	477,333	2,667	-	480,000	2048
	5/1/2022	-	472,361	2,639	-	475,000	2048
	6/1/2022	-	477,333	2,667	-	480,000	2048
	7/1/2022	-	477,333	2,667	-	480,000	2048
	8/1/2022	-	447,500	2,500	-	450,000	2048
	9/1/2022	-	447,500	2,500	-	450,000	2048
	10/1/2022	-	447,500	2,500	-	450,000	2048
	11/1/2022	-	447,500	2,500	-	450,000	2048
	12/1/2022	-	447,500	2,500	-	450,000	2048
Total 2017 E		-	44,446,875	273,125	-	44,720,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 B	10/1/2018	$ -	$ 258,850	$ 1,150	$ -	$ 260,000	2048
	11/1/2018	-	333,518	1,482	-	335,000	2023-2024, 2033, 2037 & 2048
	12/1/2018	-	358,408	1,592	-	360,000	2019-2020, 2033, 2037 & 2048
	1/1/2019	-	326,228	3,772	-	330,000	2023-2024, 2033, 2037 & 2048
	2/1/2019	-	134,403	597	-	135,000	2033, 2037 & 2048
	3/1/2019	-	413,164	1,836	-	415,000	2021, 2023-2024, 2033, 2037 & 2048
	4/1/2019	-	418,142	1,858	-	420,000	2022-2024, 2033, 2037 & 2048
	5/1/2019	-	338,496	1,504	-	340,000	2023-2024, 2033, 2037 & 2048
	6/1/2019	-	353,430	1,570	-	355,000	2022-2024, 2033, 2037 & 2048
	7/1/2019	-	410,491	4,509	-	415,000	2023-2024, 2033, 2037 & 2048
	8/1/2019	-	134,403	597	-	135,000	2048
	9/1/2019	-	358,407	1,593	-	360,000	2023-2024, 2033, 2037 & 2048
	10/1/2019	-	706,859	3,141	-	710,000	2020-2024, 2033, 2037 & 2048
	11/1/2019	-	632,191	2,809	-	635,000	2020, 2022-2024, 2033, 2037 & 2048
	12/1/2019	-	746,682	3,318	-	750,000	2021-2024, 2033, 2037 & 2048
	1/1/2020	-	540,188	4,812	-	545,000	2020, 2023-2024, 2033, 2037 & 2048
	2/1/2020	-	194,137	863	-	195,000	2024, 2033, 2037 & 2048
	3/1/2020	-	592,368	2,632	-	595,000	2021-2024, 2037 & 2048
	4/1/2020	-	831,306	3,694	-	835,000	2020-2024, 2033, 2037 & 2048
	5/1/2020	-	851,218	3,782	-	855,000	2020-2024, 2033, 2037 & 2048
	6/1/2020	-	149,336	664	-	150,000	2048
	7/1/2020	-	988,692	6,308	-	995,000	2021-2024, 2033, 2037 & 2048
	8/1/2020	-	443,032	1,968	-	445,000	2023-2024, 2033, 2037 & 2048
	9/1/2020	-	886,063	3,937	-	890,000	2021-2024, 2033, 2037 & 2048
	10/1/2020	-	2,528,764	11,236	-	2,540,000	2021-2024, 2033, 2037 & 2048
	11/1/2020	-	1,120,024	4,976	-	1,125,000	2021-2024, 2033, 2037 & 2048
	12/1/2020	-	1,234,515	5,485	-	1,240,000	2021-2024, 2033, 2037 & 2048
	1/1/2021	-	1,486,994	8,006	-	1,495,000	2021-2024, 2033, 2037 & 2048
	2/1/2021	-	1,438,608	6,392	-	1,445,000	2021-2024, 2033, 2037 & 2048
	3/1/2021	-	1,468,475	6,525	-	1,475,000	2021-2024, 2033, 2037 & 2048
	4/1/2021	-	1,214,603	5,397	-	1,220,000	2021-2024, 2033, 2037 & 2048
	5/1/2021	-	1,169,802	5,198	-	1,175,000	2021-2024, 2033, 2037 & 2048
	6/1/2021	-	388,275	1,725	-	390,000	2024, 2033, 2037 & 2048
	7/1/2021	-	193,775	1,225	-	195,000	2048
	8/1/2021	-	184,182	818	-	185,000	2048
	9/1/2021	-	189,160	840	-	190,000	2048
	10/1/2021	-	189,160	840	-	190,000	2048
	11/1/2021	-	184,182	818	-	185,000	2048
	12/1/2021	-	189,160	840	-	190,000	2048
	1/1/2022	-	189,089	911	-	190,000	2048
	2/1/2022	-	174,226	774	-	175,000	2048
	3/1/2022	-	179,204	796	-	180,000	2048
	4/1/2022	-	179,204	796	-	180,000	2048

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	5/1/2022	-	179,204	796	-	180,000	2048
	6/1/2022	-	179,204	796	-	180,000	2048
	7/1/2022	-	179,204	796	-	180,000	2048
	8/1/2022	-	174,226	774	-	175,000	2048
	9/1/2022	-	174,226	774	-	175,000	2048
	10/1/2022	-	179,204	796	-	180,000	2048
	11/1/2022	-	174,226	774	-	175,000	2048
	12/1/2022	-	174,226	774	-	175,000	2048
Total 2018 B		-	26,715,134	129,866	-	26,845,000	
2018 D	7/1/2021	$ -	$ 531,640	$ 3,360	$ -	$ 535,000	2045
	7/1/2022	-	8,218,484	36,516	-	8,255,000	2045
Total 2018 D		-	8,750,124	39,876	-	8,790,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 E	5/1/2019	$ -	$ 280,000	$ -	$ -	$ 280,000	2027-2030, 2033 & 2049
	7/1/2019	-	155,000	-	-	155,000	2027-2030, 2033 & 2049
	8/1/2019	-	260,000	-	-	260,000	2049
	9/1/2019	-	260,000	-	-	260,000	2049
	10/1/2019	-	260,000	-	-	260,000	2049
	11/1/2019	-	260,000	-	-	260,000	2049
	12/1/2019	-	660,000	-	-	660,000	2026-2030, 2033 & 2049
	1/1/2020	-	560,000	-	-	560,000	2026-2030, 2033 & 2049
	2/1/2020	-	395,000	-	-	395,000	2049
	3/1/2020	-	395,000	-	-	395,000	2049
	4/1/2020	-	990,000	-	-	990,000	2026-2030, 2033 & 2049
	5/1/2020	-	995,000	-	-	995,000	2026-2030, 2033 & 2049
	6/1/2020	-	1,185,000	-	-	1,185,000	2026-2030, 2033 & 2049
	7/1/2020	-	1,565,000	-	-	1,565,000	2026-2030, 2033 & 2049
	8/1/2020	-	520,000	-	-	520,000	2049
	9/1/2020	-	1,050,000	-	-	1,050,000	2026-2030, 2033 & 2049
	10/1/2020	-	2,880,000	-	-	2,880,000	2026-2030, 2033 & 2049
	11/1/2020	-	2,650,000	-	-	2,650,000	2026-2030, 2033 & 2049
	12/1/2020	-	2,200,000	-	-	2,200,000	2026-2030, 2033 & 2049
	1/1/2021	-	3,340,000	-	-	3,340,000	2026-2030, 2033 & 2049
	2/1/2021	-	615,000	-	-	615,000	2049
	3/1/2021	-	3,065,000	-	-	3,065,000	2026-2030, 2033 & 2049
	4/1/2021	-	2,005,000	-	-	2,005,000	2026-2030, 2033 & 2049
	5/1/2021	-	615,000	-	-	615,000	2049
	6/1/2021	-	615,000	-	-	615,000	2049
	7/1/2021	-	615,000	-	-	615,000	2049
	8/1/2021	-	610,000	-	-	610,000	2049
	9/1/2021	-	610,000	-	-	610,000	2049
	10/1/2021	-	615,000	-	-	615,000	2049
	11/1/2021	-	610,000	-	-	610,000	2049
	12/1/2021	-	610,000	-	-	610,000	2049
	1/1/2022	-	615,000	-	-	615,000	2049
	2/1/2022	-	580,000	-	-	580,000	2049

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	3/1/2022	-	580,000	-	-	580,000	2049
	4/1/2022	-	580,000	-	-	580,000	2049
	5/1/2022	-	580,000	-	-	580,000	2049
	6/1/2022	-	580,000	-	-	580,000	2049
	7/1/2022	-	580,000	-	-	580,000	2049
	8/1/2022	-	550,000	-	-	550,000	2049
	9/1/2022	-	550,000	-	-	550,000	2049
	10/1/2022	-	550,000	-	-	550,000	2049
	11/1/2022	-	550,000	-	-	550,000	2049
	12/1/2022	-	550,000	-	-	550,000	2049
Total 2018 E		-	38,290,000	-	-	38,290,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 G	5/1/2019	$ -	$ 85,000	$ -	$ -	$ 85,000	2028-2029, 2033, 2038 & 2049
	7/1/2019	-	105,000	-	-	105,000	2028-2029, 2033, 2038 & 2049
	8/1/2019	-	10,000	-	-	10,000	2029
	9/1/2019	-	80,000	-	-	80,000	2028-2029, 2033, 2038 & 2049
	10/1/2019	-	10,000	-	-	10,000	2029 & 2049
	11/1/2019	-	85,000	-	-	85,000	2028-2029, 2033, 2038 & 2049
	12/1/2019	-	260,000	-	-	260,000	2025-2029, 2033, 2038 & 2049
	1/1/2020	-	185,000	-	-	185,000	2026-2029, 2033, 2038 & 2049
	2/1/2020	-	380,000	-	-	380,000	2023-2029, 2033, 2038 & 2049
	3/1/2020	-	350,000	-	-	350,000	2023-2029, 2033, 2038 & 2049
	4/1/2020	-	330,000	-	-	330,000	2023-2029, 2038 & 2049
	5/1/2020	-	220,000	-	-	220,000	2026-2029, 2033, 2038 & 2049
	6/1/2020	-	455,000	-	-	455,000	2021-2029, 2033, 2038 & 2049
	7/1/2020	-	615,000	-	-	615,000	2021-2029, 2033, 2038 & 2049
	8/1/2020	-	590,000	-	-	590,000	2021-2029, 2033, 2038 & 2049
	9/1/2020	-	655,000	-	-	655,000	2021-2029, 2033, 2038 & 2049
	10/1/2020	-	1,215,000	-	-	1,215,000	2021-2029, 2033, 2038 & 2049
	11/1/2020	-	990,000	-	-	990,000	2021-2029, 2033, 2038 & 2049
	12/1/2020	-	750,000	-	-	750,000	2021-2029, 2033, 2038 & 2049
	1/1/2021	-	995,000	-	-	995,000	2021-2029, 2033, 2038 & 2049
	2/1/2021	-	1,055,000	-	-	1,055,000	2021-2029, 2033, 2038 & 2049
	3/1/2021	-	915,000	-	-	915,000	2021-2029, 2033, 2038 & 2049
	4/1/2021	-	775,000	-	-	775,000	2021-2029, 2033, 2038 & 2049
	5/1/2021	-	830,000	-	-	830,000	2021-2029, 2033, 2038 & 2049
	6/1/2021	-	570,000	-	-	570,000	2021-2029, 2033, 2038 & 2049
	7/1/2021	-	860,000	-	-	860,000	2022-2029, 2033, 2038 & 2049
	8/1/2021	-	8,870,000	-	-	8,870,000	2022-2029, 2033, 2038 & 2049
	9/1/2021	-	2,785,000	-	-	2,785,000	2022-2029, 2033, 2038 & 2049
	10/1/2021	-	2,135,000	-	-	2,135,000	2022-2029, 2033, 2038 & 2049
	11/1/2021	-	2,215,000	-	-	2,215,000	2022-2029, 2033, 2038 & 2049
	12/1/2021	-	705,000	-	-	705,000	2022-2029, 2033, 2038 & 2049
	1/1/2022	-	545,000	-	-	545,000	2022-2029, 2033, 2038 & 2049
	2/1/2022	-	540,000	-	-	540,000	2022-2029, 2033, 2038 & 2049
	3/1/2022	-	700,000	-	-	700,000	2022-2029, 2033, 2038 & 2049
	4/1/2022	-	355,000	-	-	355,000	2022-2027, 2033, 2038 & 2049
	5/1/2022	-	435,000	-	-	435,000	2022-2029, 2033, 2038 & 2049
Total 2018 G		-	32,655,000	-	-	32,655,000	
2018H	7/1/2022	$ -	$5,555,000	$ -	$ -	$5,555,000	2041
Total 2018 H		-	5,555,000	-	-	5,555,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2019 B	7/1/2019	$ -	$ 165,000	$ -	$ -	$ 165,000	2049
	8/1/2019	-	238,815	1,185	-	240,000	2049
	9/1/2019	-	238,815	1,185	-	240,000	2049
	10/1/2019	-	681,618	3,382	-	685,000	2020-2031, 2033 & 2049
	11/1/2019	-	955,259	4,741	-	960,000	2020-2031, 2033 & 2049
	12/1/2019	-	1,273,679	6,321	-	1,280,000	2020-2031, 2033 & 2049
	1/1/2020	-	1,299,490	15,510	-	1,315,000	2020-2031, 2033 & 2049
	2/1/2020	-	373,148	1,852	-	375,000	2049
	3/1/2020	-	567,185	2,815	-	570,000	2021-2031, 2033 & 2049
	4/1/2020	-	1,388,112	6,888	-	1,395,000	2021-2031 & 2049
	5/1/2020	-	2,199,087	10,913	-	2,210,000	2021-2031, 2033 & 2049
	6/1/2020	-	1,179,148	5,852	-	1,185,000	2021-2031, 2033 & 2049
	7/1/2020	-	1,678,781	16,219	-	1,695,000	2021-2031, 2033 & 2049
	8/1/2020	-	497,531	2,469	-	500,000	2049
	9/1/2020	-	1,348,309	6,691	-	1,355,000	2021-2031, 2033 & 2049
	10/1/2020	-	5,915,644	29,356	-	5,945,000	2021-2031, 2033 & 2049
	11/1/2020	-	4,383,248	21,752	-	4,405,000	2021-2031, 2033 & 2049
	12/1/2020	-	3,423,013	16,987	-	3,440,000	2021-2031, 2033 & 2049
	1/1/2021	-	2,765,918	19,082	-	2,785,000	2022-2031, 2033 & 2049
	2/1/2021	-	606,988	3,012	-	610,000	2049
	3/1/2021	-	2,626,964	13,036	-	2,640,000	2022-2031, 2033 & 2049
	4/1/2021	-	3,885,717	19,283	-	3,905,000	2022-2031, 2033 & 2049
	5/1/2021	-	3,696,656	18,344	-	3,715,000	2022-2031, 2033 & 2049
	6/1/2021	-	4,557,384	22,616	-	4,580,000	2022-2031, 2033 & 2049
	7/1/2021	-	2,948,006	16,994	-	2,965,000	2022-2031, 2033 & 2049
	8/1/2021	-	711,469	3,531	-	715,000	2049
	9/1/2021	-	716,445	3,555	-	720,000	2049
	10/1/2021	-	716,445	3,555	-	720,000	2049
	11/1/2021	-	711,469	3,531	-	715,000	2049
	12/1/2021	-	716,445	3,555	-	720,000	2049
	1/1/2022	-	716,191	3,809	-	720,000	2049
	2/1/2022	-	726,395	3,605	-	730,000	2049
	3/1/2022	-	731,371	3,629	-	735,000	2049
	4/1/2022	-	726,395	3,605	-	730,000	2049
	5/1/2022	-	731,370	3,630	-	735,000	2049
	6/1/2022	-	726,395	3,605	-	730,000	2049
	7/1/2022	-	731,341	3,659	-	735,000	2049
	8/1/2022	-	686,593	3,407	-	690,000	2049
	9/1/2022	-	686,593	3,407	-	690,000	2049
	10/1/2022	-	686,593	3,407	-	690,000	2049
	11/1/2022	-	686,593	3,407	-	690,000	2049
	12/1/2022	-	686,593	3,407	-	690,000	2049
Total 2019 B		-	60,988,211	326,789	-	61,315,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2019 C	8/1/2019	$ -	$ 114,432	$ 568	$ -	$ 115,000	2049
	9/1/2019	-	79,605	395	-	80,000	2024-2028, 2034 & 2042
	11/1/2019	-	49,753	247	-	50,000	2026-2028, 2034 & 2042
	12/1/2019	-	218,914	1,086	-	220,000	2020-2029, 2034 & 2042
	1/1/2020	-	44,469	531	-	45,000	2026-2028, 2034 & 2042
	2/1/2020	-	139,309	691	-	140,000	2021-2028, 2034 & 2042
	3/1/2020	-	134,333	667	-	135,000	2021-2028, 2034 & 2042
	5/1/2020	-	169,161	839	-	170,000	2020-2029, 2034 & 2042
	6/1/2020	-	268,667	1,333	-	270,000	2020-2029, 2034 & 2042
	7/1/2020	-	257,512	2,488	-	260,000	2021-2029, 2034 & 2042
	8/1/2020	-	492,556	2,444	-	495,000	2021-2029, 2034 & 2042
	9/1/2020	-	766,198	3,802	-	770,000	2021-2029, 2034 & 2042
	10/1/2020	-	2,139,383	10,617	-	2,150,000	2021-2029, 2034 & 2042
	11/1/2020	-	1,308,506	6,494	-	1,315,000	2021-2029, 2034 & 2042
	12/1/2020	-	781,124	3,876	-	785,000	2021-2029, 2034 & 2042
	1/1/2021	-	451,882	3,118	-	455,000	2021-2029, 2034 & 2042
	2/1/2021	-	835,852	4,148	-	840,000	2021-2029, 2034 & 2042
	3/1/2021	-	532,358	2,642	-	535,000	2021-2029, 2034 & 2042
	4/1/2021	-	1,174,173	5,827	-	1,180,000	2021-2029, 2034 & 2042
	5/1/2021	-	855,753	4,247	-	860,000	2021-2029, 2034 & 2042
	6/1/2021	-	1,164,223	5,777	-	1,170,000	2021-2029, 2034 & 2042
	7/1/2021	-	760,615	4,385	-	765,000	2022-2029, 2034 & 2042
	8/1/2021	-	865,704	4,296	-	870,000	2022-2029, 2034 & 2042
	9/1/2021	-	2,985,185	14,815	-	3,000,000	2022-2029, 2034 & 2042
	10/1/2021	-	3,214,050	15,950	-	3,230,000	2022-2029, 2034 & 2042
	11/1/2021	-	2,094,606	10,394	-	2,105,000	2022-2029, 2034 & 2042
	12/1/2021	-	3,517,544	17,456	-	3,535,000	2022-2029, 2034 & 2042
	1/1/2022	-	2,984,131	15,869	-	3,000,000	2022-2029, 2034 & 2042
	2/1/2022	-	477,630	2,370	-	480,000	2022-2029, 2034 & 2042
	3/1/2022	-	1,204,025	5,975	-	1,210,000	2022-2029, 2034 & 2042
	4/1/2022	-	2,502,581	12,419	-	2,515,000	2022-2029, 2034 & 2042
	5/1/2022	-	318,420	1,580	-	320,000	2022-2029, 2034 & 2042
Total 2019 C		-	32,902,654	167,346	-	33,070,000	
2019 D	7/1/2021	$ -	$ 586,618	$ 3,382	$ -	$ 590,000	2042
	8/1/2021	-	348,272	1,728	-	350,000	2042
	10/1/2021	-	39,802	198	-	40,000	2042
	6/1/2022	-	3,840,940	19,060	-	3,860,000	2042
	7/1/2022	-	2,890,537	14,463	-	2,905,000	2042
Total 2019 D		-	7,706,169	38,831	-	7,745,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2019 E	5/1/2020	$ -	$ 135,000	$ -	$ -	$ 135,000	2020-2025
	6/1/2020	-	55,000	-	-	55,000	2021 & 2025
	7/1/2020	-	10,000	-	-	10,000	2021 & 2025
	9/1/2020	-	80,000	-	-	80,000	2021-2025
	10/1/2020	-	1,035,000	-	-	1,035,000	2021-2025
	11/1/2020	-	580,000	-	-	580,000	2021-2025
	12/1/2020	-	425,000	-	-	425,000	2021-2025
	1/1/2021	-	280,000	-	-	280,000	2021-2025
	2/1/2021	-	30,000	-	-	30,000	2022-2025
	3/1/2021	-	325,000	-	-	325,000	2021-2025
	4/1/2021	-	250,000	-	-	250,000	2021-2025
	5/1/2021	-	220,000	-	-	220,000	2021-2025
	6/1/201	-	300,000	-	-	300,000	2021-2025
	7/1/2021	-	310,000	-	-	310,000	2022-2025
	8/1/2021	-	145,000	-	-	145,000	2022-2025
	10/1/2021	-	250,000	-	-	250,000	2022-2025
	11/1/2021	-	235,000	-	-	235,000	2022-2025
	12/1/2021	-	210,000	-	-	210,000	2022-2025
	1/1/2022	-	260,000	-	-	260,000	2022-2025
	3/1/2022	-	100,000	-	-	100,000	2022-2025
	4/1/2022	-	290,000	-	-	290,000	2022-2025
	5/1/2022	-	160,000	-	-	160,000	2022-2025
	6/1/2022	-	30,000	-	-	30,000	2022-2025
	7/1/2022	-	170,000	-	-	170,000	2023-2025
Total 2019 E		-	5,885,000	-	-	5,885,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2019 F	1/1/2020	$ -	$ 170,000	$ -	$ -	$ 170,000	2050
	5/1/2020	-	670,000	-	-	670,000	2025-2032, 2034, 2039, 2044 & 2050
	6/1/2020	-	285,000	-	-	285,000	2025-2032, 2034, 2039, 2044
	7/1/2020	-	55,000	-	-	55,000	2031-2032, 2034, 2039, 2044 & 2050
	8/1/2020	-	135,000	-	-	135,000	2050
	9/1/2020	-	580,000	-	-	580,000	2026-2032, 2034, 2039, 2044 & 2050
	10/1/2020	-	5,805,000	-	-	5,805,000	2025-2032, 2034, 2039, 2044 & 2050
	11/1/2020	-	3,325,000	-	-	3,325,000	2025-2032, 2034, 2039, 2044 & 2050
	12/1/2020	-	2,455,000	-	-	2,455,000	2025-2032, 2034, 2039, 2044 & 2050
	1/1/2021	-	1,850,000	-	-	1,850,000	2025-2032, 2034, 2039,2044 & 2050
	2/1/2021	-	435,000	-	-	435,000	2027-2032, 2034, 2039, 2044 & 2050
	3/1/2021	-	2,240,000	-	-	2,240,000	2025-2032, 2034, 2039, 2044 & 2050
	4/1/2021	-	1,785,000	-	-	1,785,000	2025-2032, 2034, 2039, 2044 & 2050
	5/1/2021	-	1,575,000	-	-	1,575,000	2025-2032, 2034, 2039, 2044 & 2050
	6/1/2021	-	2,070,000	-	-	2,070,000	2025-2032, 2034, 2039, 2044 & 2050
	7/1/2021	-	2,375,000	-	-	2,375,000	2025-2032, 2034, 2039, 2044 & 2050
	8/1/2021	-	335,000	-	-	335,000	2050
	9/1/2021	-	1,350,000	-	-	1,350,000	2025-2032, 2034, 2039, 2044 & 2050
	10/1/2021	-	2,070,000	-	-	2,070,000	2025-2032, 2034, 2039, 2044 & 2050
	11/1/2021	-	1,965,000	-	-	1,965,000	2025-2032, 2034, 2039, 2044 & 2050
	12/1/2021	-	1,775,000	-	-	1,775,000	2025-2032, 2034, 2039, 2044 & 2050
	1/1/2022	-	2,435,000	-	-	2,435,000	2025-2032, 2034, 2039, 2044 & 2050
	2/1/2022	-	420,000	-	-	420,000	2050
	3/1/2022	-	1,240,000	-	-	1,240,000	2025-2032, 2034, 2039, 2044 & 2050
	4/1/2022	-	2,715,000	-	-	2,715,000	2025-2032, 2034, 2039, 2044 & 2050
	5/1/2022	-	1,700,000	-	-	1,700,000	2025-2032, 2034, 2039, 2044 & 2050
	6/1/2022	-	665,000	-	-	665,000	2025-2032, 2034, 2039, 2044 & 2050
	7/1/2022	-	2,010,000	-	-	2,010,000	2025-2032, 2034, 2039, 2044 & 2050
	8/1/2022	-	430,000	-	-	430,000	2050
	9/1/2022	-	430,000	-	-	430,000	2050
	10/1/2022	-	435,000	-	-	435,000	2050
	11/1/2022	-	430,000	-	-	430,000	2050
	12/1/2022	-	430,000	-	-	430,000	2050
Total 2019 F		-	46,645,000	-	-	46,645,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2019 G	4/1/2020	$ -	$ 75,000	$ -	$ -	$ 75,000	2027-2030, 2034 & 2040
	5/1/2020	-	260,000	-	-	260,000	2020-2030, 2034 & 2040
	6/1/2020	-	490,000	-	-	490,000	2020-2030, 2034 & 2040
	7/1/2020	-	295,000	-	-	295,000	2021-2030, 2034 & 2040
	8/1/2020	-	300,000	-	-	300,000	2021-2030, 2034 & 2040
	9/1/2020	-	1,105,000	-	-	1,105,000	2021-2030, 2034 & 2040
	10/1/2020	-	5,060,000	-	-	5,060,000	2021-2030, 2034 & 2040
	11/1/2020	-	2,850,000	-	-	2,850,000	2021-2030, 2034 & 2040
	12/1/2020	-	2,205,000	-	-	2,205,000	2021-2030, 2034 & 2040
	1/1/2021	-	1,280,000	-	-	1,280,000	2021-2030, 2034 & 2040
	2/1/2021	-	1,405,000	-	-	1,405,000	2021-2030, 2034 & 2040
	3/1/2021	-	2,415,000	-	-	2,415,000	2021-2030, 2034 & 2040
	4/1/2021	-	1,370,000	-	-	1,370,000	2021-2030, 2034 & 2040
	5/1/2021	-	1,000,000	-	-	1,000,000	2021-2030, 2034 & 2040
	6/1/2021	-	1,720,000	-	-	1,720,000	2021-2030, 2034 & 2040
	7/1/2021	-	2,095,000	-	-	2,095,000	2022-2030, 2034 & 2040
	8/1/2021	-	1,415,000	-	-	1,415,000	2022-2030, 2034 & 2040
	9/1/2021	-	1,135,000	-	-	1,135,000	2022-2030, 2034 & 2040
	10/1/2021	-	1,540,000	-	-	1,540,000	2022-2030, 2034 & 2040
	11/1/2021	-	1,940,000	-	-	1,940,000	2022-2030, 2034 & 2040
	12/1/2021	-	1,470,000	-	-	1,470,000	2022-2030, 2034 & 2040
	1/1/2022	-	1,835,000	-	-	1,835,000	2022-2030, 2034 & 2040
	2/1/2022	-	1,585,000	-	-	1,585,000	2022-2030, 2034 & 2040
	3/1/2022	-	1,680,000	-	-	1,680,000	2022-2030, 2034 & 2040
	4/1/2022	-	2,420,000	-	-	2,420,000	2022-2030, 2034 & 2040
	5/1/2022	-	1,040,000	-	-	1,040,000	2022-2030, 2034 & 2040
	6/1/2022	-	185,000	-	-	185,000	2024-2030, 2034 & 2040
	7/1/2022	-	1,445,000	-	-	1,445,000	2023-2030, 2034 & 2040
	8/1/2022	-	350,000	-	-	350,000	2023-2030, 2034 & 2040
	9/1/2022	-	390,000	-	-	390,000	2023-2030, 2034 & 2040
	10/1/2022	-	345,000	-	-	345,000	2023-2030, 2034 & 2040
	11/1/2022	-	655,000	-	-	655,000	2023-2030, 2034 & 2040
	12/1/2022	-	325,000	-	-	325,000	2023-2030, 2034 & 2040
Total 2019 G		-	43,680,000	-	-	43,680,000	

Refer to the disclaimer on page A-1

MINNESOTA HOUSING

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 A	7/1/2020	$ -	$ 80,000	$ -	$ -	$ 80,000	2021-2026
	10/1/2020	-	910,000	-	-	910,000	2021-2026
	11/1/2020	-	780,000	-	-	780,000	2021-2026
	12/1/2020	-	455,000	-	-	455,000	2021-2026
	1/1/2021	-	455,000	-	-	455,000	2021-2026
	3/1/2021	-	385,000	-	-	385,000	2021-2026
	4/1/2021	-	420,000	-	-	420,000	2021-2026
	5/1/2021	-	435,000	-	-	435,000	2021-2026
	6/1/2021	-	450,000	-	-	450,000	2021-2026
	7/1/2021	-	585,000	-	-	585,000	2022-2026
	9/1/2021	-	35,000	-	-	35,000	2023-2026
	10/1/2021	-	310,000	-	-	310,000	2022-2026
	11/1/2021	-	335,000	-	-	335,000	2022-2026
	12/1/2021	-	315,000	-	-	315,000	2022-2026
	1/1/2022	-	400,000	-	-	400,000	2022-2026
	3/1/2022	-	20,000	-	-	20,000	2024-2026
	4/1/2022	-	315,000	-	-	315,000	2022-2026
	5/1/2022	-	220,000	-	-	220,000	2022-2026
	6/1/2022	-	70,000	-	-	70,000	2022-2026
	7/1/2022	-	160,000	-	-	160,000	2023-2026
	12/1/2022	-	15,000	-	-	15,000	2025-2026
Total 2020 A		-	7,150,000	-	-	7,150,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 B	6/1/2020	$ -	$ 280,000	$ -	$ -	$ 280,000	2027-2032, 2035, 2040, 2044 & 2050
	7/1/2020	-	455,000	-	-	455,000	2027-2032, 2035, 2040, 2044 & 2050
	8/1/2020	-	190,000	-	-	190,000	2050
	9/1/2020	-	195,000	-	-	195,000	2050
	10/1/2020	-	4,290,000	-	-	4,290,000	2021, 2026-2032, 2035, 2040, 2044 & 2050
	11/1/2020	-	3,710,000	-	-	3,710,000	2021, 2026-2032, 2035, 2040, 2044 & 2050
	12/1/2020	-	2,240,000	-	-	2,240,000	2021, 2026-2032, 2035, 2040, 2044 & 2050
	1/1/2021	-	2,365,000	-	-	2,365,000	2026-2032, 2035,,2040, 2044 & 2050
	2/1/2021	-	355,000	-	-	355,000	2050
	3/1/2021	-	2,180,000	-	-	2,180,000	2026-2032, 2035,,2040, 2044 & 2050
	4/1/2021	-	2,360,000	-	-	2,360,000	2026-2032, 2035,,2040, 2044 & 2050
	5/1/2021	-	2,410,000	-	-	2,410,000	2026-2032, 2035,,2040, 2044 & 2050
	6/1/2021	-	2,485,000	-	-	2,485,000	2026-2032, 2035,,2040, 2044 & 2050
	7/1/2021	-	3,390,000	-	-	3,390,000	2026-2032, 2035,,2040, 2044 & 2050
	8/1/2021	-	505,000	-	-	505,000	2050
	9/1/2021	-	675,000	-	-	675,000	2028-2032, 2035,,2040, 2044 & 2050
	10/1/2021	-	2,130,000	-	-	2,130,000	2028-2032, 2035,,2040, 2044 & 2050
	11/1/2021	-	2,270,000	-	-	2,270,000	2026-2032, 2035,,2040, 2044 & 2050
	12/1/2021	-	2,135,000	-	-	2,135,000	2026-2032, 2035,,2040, 2044 & 2050
	1/1/2022	-	2,800,000	-	-	2,800,000	2026-2032, 2035,,2040, 2044 & 2050
	2/1/2022	-	645,000	-	-	645,000	2050
	3/1/2022	-	760,000	-	-	760,000	2030-2032, 2035, 2040, 2044 & 2050
	4/1/2022	-	2,470,000	-	-	2,470,000	2026-2032, 2035, 2040, 2044 & 2050
	5/1/2022	-	1,925,000	-	-	1,925,000	2026-2032, 2035, 2040, 2044 & 2050
	6/1/2022	-	1,050,000	-	-	1,050,000	2027-2032, 2035, 2040, 2044 & 2050
	7/1/2022	-	1,695,000	-	-	1,695,000	2026-2032, 2035, 2040, 2044 & 2050
	8/1/2022	-	730,000	-	-	730,000	2050
	9/1/2022	-	730,000	-	-	730,000	2050
	10/1/2022	-	730,000	-	-	730,000	2050
	11/1/2022	-	730,000	-	-	730,000	2050
	12/1/2022	-	840,000	-	-	840,000	2030-2032, 2035, 2040, 2044 & 2050
Total 2020 B		-	49,725,000	-	-	49,725,000	

Refer to the disclaimer on page A-1

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 C	6/1/2020	$ -	$ 150,000	$ -	$ -	$ 150,000	2050
	7/1/2020	-	205,000	-	-	205,000	2026-2030, 2035, 2040, 2044 & 2050
	8/1/2020	-	80,000	-	-	80,000	2050
	9/1/2020	-	340,000	-	-	340,000	2023-2030, 2035, 2040, 2044 & 2050
	10/1/2020	-	1,965,000	-	-	1,965,000	2021-2030, 2035, 2040, 2044 & 2050
	11/1/2020	-	1,645,000	-	-	1,645,000	2021-2030, 2035, 2040, 2044 & 2050
	12/1/2020	-	655,000	-	-	655,000	2021-2030, 2035, 2040, 2044 & 2050
	1/1/2021	-	1,020,000	-	-	1,020,000	2021-2030, 2035, 2040, 2044 & 2050
	2/1/2021	-	1,025,000	-	-	1,025,000	2021-2030, 2035, 2040, 2044 & 2050
	3/1/2021	-	705,000	-	-	705,000	2021-2030, 2035, 2040, 2044 & 2050
	4/1/2021	-	790,000	-	-	790,000	2021-2030, 2035, 2040, 2044 & 2050
	5/1/2021	-	1,055,000	-	-	1,055,000	2021-2030, 2035, 2040, 2044 & 2050
	6/1/2021	-	1,005,000	-	-	1,005,000	2021-2030, 2035, 2040, 2044 & 2050
	7/1/2021	-	1,325,000	-	-	1,325,000	2022-2030, 2035, 2040, 2044 & 2050
	8/1/2021	-	955,000	-	-	955,000	2022-2030, 2035, 2040, 2044 & 2050
	9/1/2021	-	595,000	-	-	595,000	2022-2030, 2035, 2040, 2044 & 2050
	10/1/2021	-	560,000	-	-	560,000	2022-2030, 2035, 2040, 2044 & 2050
	11/1/2021	-	550,000	-	-	550,000	2022-2030, 2035, 2040, 2044 & 2050
	12/1/2021	-	675,000	-	-	675,000	2022-2030, 2035, 2040, 2044 & 2050
	1/1/2022	-	985,000	-	-	985,000	2022-2030, 2035, 2040, 2044 & 2050
	2/1/2022	-	975,000	-	-	975,000	2022-2030, 2035, 2040, 2044 & 2050
	3/1/2022	-	770,000	-	-	770,000	2022-2030, 2035, 2040, 2044 & 2050
	4/1/2022	-	670,000	-	-	670,000	2022-2030, 2035, 2040, 2044 & 2050
	5/1/2022	-	510,000	-	-	510,000	2022-2030, 2035, 2040, 2044 & 2050
	6/1/2022	-	240,000	-	-	240,000	2050
	7/1/2022	-	485,000	-	-	485,000	2023, 2025-2030, 2035, 2040, 2044 & 2050
	8/1/2022	-	275,000	-	-	275,000	2040 & 2050
	9/1/2022	-	275,000	-	-	275,000	2040 & 2050
	10/1/2022	-	580,000	-	-	580,000	2023-2030, 2035, 2040, 2044 & 2050
	11/1/2022	-	270,000	-	-	270,000	2050
	12/1/2022	-	375,000	-	-	375,000	2028-2030, 2035, 2040, 2044 & 2050
Total 2020 C		-	21,710,000	-	-	21,710,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 D	10/1/2020	$ -	$ 180,000	$ -	$ -	$ 180,000	2021-2027
	11/1/2020	-	345,000	-	-	345,000	2021-2027
	12/1/2020	-	200,000	-	-	200,000	2021-2027
	1/1/2021	-	255,000	-	-	255,000	2021-2027
	3/1/2021	-	295,000	-	-	295,000	2021-2027
	4/1/2021	-	150,000	-	-	150,000	2021-2026
	5/1/2021	-	310,000	-	-	310,000	2021-2027
	6/1/2021	-	350,000	-	-	350,000	2021-2027
	7/1/2021	-	265,000	-	-	265,000	2022-2027
	8/1/2021	-	5,000	-	-	5,000	2025
	9/1/2021	-	230,000	-	-	230,000	2022-2027
	10/1/2021	-	200,000	-	-	200,000	2022-2027
	11/1/2021	-	410,000	-	-	410,000	2022-2027
	12/1/2021	-	190,000	-	-	190,000	2022-2027
	1/1/2022	-	280,000	-	-	280,000	2022-2027
	3/1/2022	-	5,000	-	-	5,000	2025
	4/1/2022	-	230,000	-	-	230,000	2022-2027
	5/1/2022	-	165,000	-	-	165,000	2022-2027
	6/1/2022	-	100,000	-	-	100,000	2022-2027
	7/1/2022	-	75,000	-	-	75,000	2023-2026
	11/1/2022	-	5,000	-	-	5,000	2025
	12/1/2022	-	125,000	-	-	125,000	2023-2027
Total 2020 D		-	4,370,000	-	-	4,370,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 E	10/1/2020	$ -	$ 885,000	$ -	$ -	$ 885,000	2027-2032, 2035, 2040, 2044 & 2050
	11/1/2020	-	1,550,000	-	-	1,550,000	2025-2032, 2035, 2040, 2044 & 2050
	12/1/2020	-	920,000	-	-	920,000	2025, 2027-2032, 2035, 2040, 2044 & 2050
	1/1/2021	-	1,230,000	-	-	1,230,000	2026-2032, 2035, 2040, 2044 & 2050
	2/1/2021	-	165,000	-	-	165,000	2050
	3/1/2021	-	1,570,000	-	-	1,570,000	2025-2032, 2035, 2040, 2044 & 2050
	4/1/2021	-	885,000	-	-	885,000	2027-2032, 2035, 2040, 2044 & 2050
	5/1/2021	-	1,635,000	-	-	1,635,000	2026-2032, 2035, 2040, 2044 & 2050
	6/1/2021	-	1,820,000	-	-	1,820,000	2025-2032, 2035, 2040, 2044 & 2050
	7/1/2021	-	1,535,000	-	-	1,535,000	2025, 2027-2032, 2035, 2040, 2044 & 2050
	8/1/2021	-	325,000	-	-	325,000	2032, 2035, 2040, 2044 & 2050
	9/1/2021	-	1,510,000	-	-	1,510,000	2025, 2027-2032, 2035, 2040, 2044 & 2050
	10/1/2021	-	1,340,000	-	-	1,340,000	2027-2032, 2035, 2040, 2044 & 2050
	11/1/2021	-	2,430,000	-	-	2,430,000	2022, 2025-2032, 2035, 2040, 2044 & 2050
	12/1/2021	-	1,305,000	-	-	1,305,000	2027-2032, 2035, 2040, 2044 & 2050
	1/1/2022	-	1,900,000	-	-	1,900,000	2026-2032, 2035, 2040, 2044 & 2050
	2/1/2022	-	435,000	-	-	435,000	2050
	3/1/2022	-	460,000	-	-	460,000	2032, 2035, 2040, 2044 & 2050
	4/1/2022	-	1,720,000	-	-	1,720,000	2026-2032, 2035, 2040, 2044 & 2050
	5/1/2022	-	1,370,000	-	-	1,370,000	2027-2032, 2035, 2040, 2044 & 2050
	6/1/2022	-	1,020,000	-	-	1,020,000	2027-2032, 2035, 2040, 2044 & 2050
	7/1/2022	-	915,000	-	-	915,000	2027-2032, 2035, 2040, 2044 & 2050
	8/1/2022	-	365,000	-	-	365,000	2050
	9/1/2022	-	750,000	-	-	750,000	2050
	10/1/2022	-	560,000	-	-	560,000	2050
	11/1/2022	-	610,000	-	-	610,000	2031-2032, 2035, 2040, 2044 & 2050
	12/1/2022	-	1,340,000	-	-	1,340,000	2027-2032, 2035, 2040, 2044 & 2050
Total 2020 E		-	30,550,000	-	-	30,550,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 F	1/1/2021	$ -	$ 150,000	$ -	$ -	$ 150,000	2021-2028
	4/1/2021	-	75,000	-	-	75,000	2021-2028
	5/1/2021	-	335,000	-	-	335,000	2021-2028
	6/1/2021	-	255,000	-	-	255,000	2021-2028
	7/1/2021	-	115,000	-	-	115,000	2022-2028
	9/1/2021	-	90,000	-	-	90,000	2022-2028
	10/1/2021	-	185,000	-	-	185,000	2022-2028
	11/1/2021	-	230,000	-	-	230,000	2022-2028
	12/1/2021	-	85,000	-	-	85,000	2022-2028
	1/1/2022	-	185,000	-	-	185,000	2022-2028
	3/1/2022	-	105,000	-	-	105,000	2022-2028
	4/1/2022	-	170,000	-	-	170,000	2022-2028
	5/1/2022	-	110,000	-	-	110,000	2022-2028
	6/1/2022	-	60,000	-	-	60,000	2022-2028
	7/1/2022	-	70,000	-	-	70,000	2023-2028
	11/1/2022	-	20,000	-	-	20,000	2023-2024 & 2028
	12/1/2022	-	50,000	-	-	50,000	2023-2028
Total 2020 F		-	2,290,000	-	-	2,290,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 G	1/1/2021	$ -	$ 685,000	$ -	$ -	$ 685,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	2/1/2021	-	80,000	-	-	80,000	2051
	3/1/2021	-	85,000	-	-	85,000	2051
	4/1/2021	-	415,000	-	-	415,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	5/1/2021	-	1,565,000	-	-	1,565,000	2023, 2028-2032, 2035, 2040, 2045 & 2051
	6/1/2021	-	1,205,000	-	-	1,205,000	2023, 2028-2032, 2035, 2040, 2045 & 2051
	7/1/2021	-	620,000	-	-	620,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	8/1/2021	-	210,000	-	-	210,000	2051
	9/1/2021	-	640,000	-	-	640,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	10/1/2021	-	1,090,000	-	-	1,090,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	11/1/2021	-	1,295,000	-	-	1,295,000	2023, 2028-2032, 2035, 2040, 2045 & 2051
	12/1/2021	-	625,000	-	-	625,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	1/1/2022	-	1,175,000	-	-	1,175,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	2/1/2022	-	305,000	-	-	305,000	2051
	3/1/2022	-	840,000	-	-	840,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	4/1/2022	-	1,175,000	-	-	1,175,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	5/1/2022	-	890,000	-	-	890,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	6/1/2022	-	620,000	-	-	620,000	2029-2032, 2035, 2040, 2045 & 2051
	7/1/2022	-	710,000	-	-	710,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	8/1/2022	-	415,000	-	-	415,000	2051
	9/1/2022	-	180,000	-	-	180,000	2051
	10/1/2022	-	525,000	-	-	525,000	2051
	11/1/2022	-	640,000	-	-	640,000	2031-2032, 2035, 2040, 2045 & 2051
	12/1/2022	-	690,000	-	-	690,000	2029-2032, 2035, 2040, 2045 & 2051
Total 2020 G		-	16,680,000	-	-	16,680,000	

Refer to the disclaimer on page A-1

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 H	4/1/2021	$ -	$ 55,000	$ -	$ -	$ 55,000	2022-2028
	5/1/2021	-	65,000	-	-	65,000	2022-2028
	6/1/2021	-	120,000	-	-	120,000	2021-2028
	8/1/2021	-	50,000	-	-	50,000	2022-2028
	9/1/2021	-	195,000	-	-	195,000	2022-2028
	10/1/2021	-	85,000	-	-	85,000	2022-2028
	11/1/2021	-	185,000	-	-	185,000	2022-2028
	12/1/2021	-	25,000	-	-	25,000	2023-2025
	1/1/2022	-	280,000	-	-	280,000	2022-2028
	4/1/2022	-	195,000	-	-	195,000	2022-2028
	5/1/2022	-	100,000	-	-	100,000	2022-2028
	6/1/2022	-	10,000	-	-	10,000	2025
	7/1/2022	-	85,000	-	-	85,000	2023-2028
Total 2020 H		-	1,450,000	-	-	1,450,000	
2020 I	4/1/2021	$ -	$ 265,000	$ -	$ -	$ 265,000	2029-2032, 2035, 2040, 2045 & 2051
	5/1/2021	-	265,000	-	-	265,000	2029-2032, 2035, 2040, 2045 & 2051
	6/1/2021	-	510,000	-	-	510,000	2021-2022, 2028-2032, 2035, 2040, 2045 & 2051
	7/1/2021	-	10,000	-	-	10,000	2051
	8/1/2021	-	345,000	-	-	345,000	2030-2032, 2035, 2040, 2045 & 2051
	9/1/2021	-	990,000	-	-	990,000	2022, 2028-2032, 2035, 2040, 2045 & 2051
	10/1/2021	-	500,000	-	-	500,000	2022, 2028-2032, 2035, 2040, 2045 & 2051
	11/1/2021	-	945,000	-	-	945,000	2022, 2028-2032, 2035, 2040, 2045 & 2051
	12/1/2021	-	250,000	-	-	250,000	2031-2032, 2035, 2040, 2045 & 2051
	1/1/2022	-	1,420,000	-	-	1,420,000	2028-2032, 2035, 2040, 2045 & 2051
	3/1/2022	-	505,000	-	-	505,000	2051
	4/1/2022	-	1,145,000	-	-	1,145,000	2028-2032, 2035, 2040, 2045 & 2051
	5/1/2022	-	715,000	-	-	715,000	2028-2032, 2035, 2040, 2045 & 2051
	6/1/2022	-	295,000	-	-	295,000	2032, 2035, 2040, 2045 & 2051
	7/1/2022	-	680,000	-	-	680,000	2028-2032, 2035, 2040, 2045 & 2051
	8/1/2022	-	260,000	-	-	260,000	2051
	9/1/2022	-	445,000	-	-	445,000	2051
	10/1/2022	-	30,000	-	-	30,000	2051
	11/1/2022	-	470,000	-	-	470,000	2051
	12/1/2022	-	610,000	-	-	610,000	2051
Total 2020 I		-	10,655,000	-	-	10,655,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2021 A	7/1/2021	$ -	$ 65,000	$ -	$ -	$ 65,000	2023-2030
	8/1/2021	-	45,000	-	-	45,000	2025-2030
	9/1/2021	-	15,000	-	-	15,000	2029-2030
	10/1/2021	-	25,000	-	-	25,000	2028-2030
	11/1/2021	-	65,000	-	-	65,000	2023-2025 & 2026-2030
	12/1/2021	-	45,000	-	-	45,000	2025, 2026-2030
	1/1/2022	-	315,000	-	-	315,000	2022-2030
	3/1/2022	-	145,000	-	-	145,000	2022-2030
	4/1/2022	-	210,000	-	-	210,000	2022-2030
	5/1/2022	-	20,000	-	-	20,000	2028-2030
	6/1/2022	-	35,000	-	-	35,000	2027-2030
	7/1/2022	-	65,000	-	-	65,000	2023-2030
Total 2021 A		-	1,050,000	-	-	1,050,000	
2021 B	7/1/2021	$ -	$ 230,000	$ -	$ -	$ 230,000	2032-2033, 2036, 2041, 2046 & 2051
	8/1/2021	-	245,000	-	-	245,000	2032-2033, 2036, 2041, 2046 & 2051
	9/1/2021	-	160,000	-	-	160,000	2033, 2036, 2041, 2046 & 2051
	10/1/2021	-	185,000	-	-	185,000	2033, 2036, 2041, 2046 & 2051
	11/1/2021	-	225,000	-	-	225,000	2031-2033, 2036, 2041, 2046 & 2051
	12/1/2021	-	225,000	-	-	225,000	2032-2033, 2036, 2041, 2046 & 2051
	1/1/2022	-	1,000,000	-	-	1,000,000	2025-2026, 2030-2033, 2036, 2041, 2046 & 2051
	2/1/2022	-	50,000	-	-	50,000	2051
	3/1/2022	-	765,000	-	-	765,000	2025-2026, 2030-2033, 2036, 2041, 2046 & 2051
	4/1/2022	-	810,000	-	-	810,000	2025-2026, 2030-2033, 2036, 2041, 2046 & 2051
	5/1/2022	-	260,000	-	-	260,000	2033, 2036, 2041, 2046 & 2051
	6/1/2022	-	300,000	-	-	300,000	2033, 2036, 2041, 2046 & 2051
	7/1/2022	-	410,000	-	-	410,000	2031-2033, 2036, 2041, 2046 & 2051
	8/1/2022	-	320,000	-	-	320,000	2051
	9/1/2022	-	320,000	-	-	320,000	2051
	10/1/2022	-	325,000	-	-	325,000	2051
	11/1/2022	-	320,000	-	-	320,000	2051
	12/1/2022	-	320,000	-	-	320,000	2051
Total 2021 B		-	6,470,000	-	-	6,470,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2021C	11/1/2021	$ -	$ 170,000	$ -	$ -	$ 170,000	2022-2028
	12/1/2021	-	140,000	-	-	140,000	2023-2028
	1/1/2022	-	315,000	-	-	315,000	2022-2028
	3/1/2022	-	200,000	-	-	200,000	2022-2028
	4/1/2022	-	190,000	-	-	190,000	2022-2028
	5/1/2022	-	80,000	-	-	80,000	2023-2028
	6/1/2022	-	60,000	-	-	60,000	2022-2028
	7/1/2022	-	155,000	-	-	155,000	2023-2028
	12/1/2022	-	120,000	-	-	120,000	2023-2028
Total 2021 C		-	1,430,000	-	-	1,430,000	
2021D	10/1/2021	$ -	$ 370,000	$ -	$ -	$ 370,000	2052
	11/1/2021	-	755,000	-	-	755,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	12/1/2021	-	690,000	-	-	690,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	1/1/2022	-	1,410,000	-	-	1,410,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	2/1/2022	-	290,000	-	-	290,000	2052
	3/1/2022	-	1,120,000	-	-	1,120,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	4/1/2022	-	1,080,000	-	-	1,080,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	5/1/2022	-	620,000	-	-	620,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	6/1/2022	-	535,000	-	-	535,000	2022, 2028-2032, 2036, 2041, 2046 & 2052
	7/1/2022	-	940,000	-	-	940,000	2027-2032, 2036, 2041, 2046 & 2052
	8/1/2022	-	420,000	-	-	420,000	2052
	9/1/2022	-	420,000	-	-	420,000	2052
	10/1/2022	-	420,000	-	-	420,000	2052
	11/1/2022	-	420,000	-	-	420,000	2052
	12/1/2022	-	915,000	-	-	915,000	2027-2032, 2036, 2041, 2046 & 2052
Total 2021 D		-	10,405,000	-	-	10,405,000	
2021E	1/1/2022	$ -	$ 75,000	$ -	$ -	$ 75,000	2022-2027
	2/1/2022	-	65,000	-	-	65,000	2022-2027
	3/1/2022	-	20,000	-	-	20,000	2025-2027
	4/1/2022	-	80,000	-	-	80,000	2022-2027
	5/1/2022	-	120,000	-	-	120,000	2022-2027
	6/1/2022	-	15,000	-	-	15,000	2025-2027
	7/1/2022	-	20,000	-	-	20,000	2025-2027
	12/1/2022	-	20,000	-	-	20,000	2025-2027
Total 2021 E		-	415,000	-	-	415,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2021F	1/1/20022	$ -	$ 495,000	$ -	$ -	$ 495,000	2027-2033, 2036, 2041, 2046 & 2052
	2/1/2022	-	500,000	-	-	500,000	2027-2033, 2036, 2041, 2046 & 2052
	3/1/2022	-	245,000	-	-	245,000	2030-2033, 2036, 2041, 2046 & 2052
	4/1/2022	-	600,000	-	-	600,000	2027-2033, 2036, 2041, 2046 & 2052
	5/1/2022	-	815,000	-	-	815,000	2027-2033, 2036, 2041, 2046 & 2052
	6/1/2022	-	210,000	-	-	210,000	2031-2033, 2036, 2041, 2046 & 2052
	7/1/2022	-	245,000	-	-	245,000	2031-2033, 2036, 2041, 2046 & 2052
	8/1/2022	-	240,000	-	-	240,000	2052
	9/1/2022	-	195,000	-	-	195,000	2052
	10/1/2022	-	225,000	-	-	225,000	2052
	11/1/2022	-	225,000	-	-	225,000	2052
	12/1/2022	-	610,000	-	-	610,000	2030-2033, 2036, 2041, 2046 & 2052
Total 2021 F		-	4,605,000	-	-	4,605,000	
2021G	4/1/2022	$ -	$ 110,000	$ -	$ -	$ 110,000	2025-2033
	5/1/2022	-	65,000	-	-	65,000	2027-2033
	6/1/2022	-	20,000	-	-	20,000	2022-2024
	7/1/2022	-	35,000	-	-	35,000	2030-2033
	12/1/2022	-	60,000	-	-	60,000	2028-2033
Total 2021 G		-	290,000	-	-	290,000	
2021H	4/1/2022	$ -	$ 405,000	$ -	$ -	$ 405,000	2027, 2036, 2041, 2046 & 2052
	5/1/2022	-	230,000	-	-	230,000	2027, 2036, 2041, 2046 & 2052
	6/1/2022	-	85,000	-	-	85,000	2036, 2041, 2046 & 2052
	7/1/2022	-	120,000	-	-	120,000	2036, 2041, 2046 & 2052
	8/1/2022	-	100,000	-	-	100,000	2052
	10/1/2022	-	220,000	-	-	220,000	2052
	11/1/2022	-	330,000	-	-	330,000	2052
	12/1/2022	-	370,000	-	-	370,000	2036, 2041, 2046 & 2052
Total 2021 H		-	1,860,000	-	-	1,860,000	
2022A	6/1/2022	$ -	$ 255,000	$ -	$ -	$ 255,000	2052
	7/1/2022	-	255,000	-	-	255,000	2029-2034, 2037, 2042, 2045 & 2052
	10/1/2022	-	145,000	-	-	145,000	2052
Total 2022 A		-	655,000	-	-	655,000	
2022C	7/1/2022	$ -	$ 570,000	$ -	$ -	$ 570,000	2023-2028, 2031-2034, 2037, 2043 & 2052
	10/1/2022	-	320,000	-	-	320,000	2052
	11/1/2022	-	110,000	-	-	110,000	2052
	12/1/2022	-	170,000	-	-	170,000	2025-2028, 2037, 2043 & 2052
Total 2022 C		-	1,170,000	-	-	1,170,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of December 31, 2022

Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2022D	7/1/2022	$ -	$ 215,000	$ -	$ -	$ 215,000	2052
	10/1/2022	-	325,000	-	-	325,000	2052
	11/1/2022	-	90,000	-	-	90,000	2052
	12/1/2022	-	90,000	-	-	90,000	2052
Total 2022 D		-	720,000	-	-	720,000	
2022E	11/1/2022	$ -	$ 40,000	$ -	$ -	$ 40,000	2025-2026, 2030, 2037 & 2041
	12/1/2022	-	580,000	-	-	580,000	2023-2029, 2032-2033, 2030, 2031, 2037 & 2041
Total 2022 E		-	620,000	-	-	620,000	
Total		$ -	$ 1,223,591,831	$ 22,217,953	$ 3,105,216	$ 1,248,915,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of December 31, 2022

MINNESOTA HOUSING

Associated Bond Series		12/31/2022 Notional Amounts	Effective Date	Swap Maturity Date	Fixed Rate Payable	Variable Rate Receivable		12/31/2022 GASB72 Fair Value[1]
Counterparty: The Bank of New York Mellon								
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)								
RHFB 2018D	$	35,000,000	June 28, 2018	January 1, 2045	3.1875%	70% of 1 month LIBOR[2] plus 0.43% per annum	$	2,151,958
RHFB 2019H		43,985,000	September 11, 2019	January 1, 2047	2.1500%	1 month LIBOR[2]		9,494,748
RHFB 2022D		25,000,000	March 16, 2022	January 1, 2044	2.2050%	100% SOFR[3]		4,588,401
RHFB 2022F		10,000,000	May 12, 2022	July 1, 2030	2.5100%	100% SOFR[3]		826,135
RHFB 2022F		25,000,000	May 12, 2022	July 1, 2052	3.2375%	100% SOFR[3]		2,710,650
	$	138,985,000					$	19,771,891

Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of December 31, 2022

Associated Bond Series	12/31/2022 Notional Amounts	Effective Date	Swap Maturity Date	Fixed Rate Payable	Variable Rate Receivable	12/31/2022 GASB72 Fair Value[1]
Counterparty: Royal Bank of Canada						
Moody's Aa1 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2015D	13,980,000	August 11, 2015	January 1, 2046	2.343%	67% of 1 month LIBOR[2]	$ 988,052
RHFB 2015G	28,525,000	December 8, 2015	January 1, 2034	1.953%	67% of 1 month LIBOR[2]	1,678,179
RHFB 2016F	38,650,000	December 22, 2016	January 1, 2041	2.175%	67% of 1 month LIBOR[2]	2,654,754
RHFB 2018H	35,000,000	December 12, 2018	July 1, 2041	2.8035%	70% of 1 month LIBOR[2]	1,578,450
RHFB 2019D	45,000,000	April 11, 2019	January 1, 2042	2.4090%	70% of 1 month LIBOR[2]	3,087,381
RHFB 2022H	50,000,000	October 1, 2022	January 1, 2049	3.7395%	100% SOFR[3]	2,905,609
RHFB 2022K	25,000,000	September 29, 2022	July 1, 2053	4.1775%	100% SOFR[3]	614,600
	$ 236,155,000					$ 13,507,025

Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of December 31, 2022

Associated Bond Series	12/31/2022 Notional Amounts	Effective Date	Swap Maturity Date	Fixed Rate Payable	Variable Rate Receivable	12/31/2022 GASB72 Fair Value[1]
Counterparty: Wells Fargo Bank, NA						
Moody's Aa2 (stable outlook) / Standard & Poor's A+(stable outlook)						
RHFB 2017C	34,995,000	January 1, 2019	January 1, 2038	2.180%	67% of 1 month LIBOR[2]	$ 1,953,152
RHFB 2017F	40,000,000	December 21, 2017	January 1, 2041	2.261%	67% of 1 month LIBOR[2]	2,521,729
	$ 74,995,000					$ 4,474,881
	$ 450,135,000					$ 37,753,797

[1]A positive fair value represents money due to the Agency by the counterparty upon an assumed termination on December 31, 2022. A negative number represents money payable by the Agency. The fair values as of December 31, 2022 were calculated by a consultant engaged by the Agency.

[2]London Interbank Offered Rate

[3]Secured Overnight Financing Rate

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of December 31, 2022

Residential Housing Finance Bonds, 2007 Series M Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60415NR20	1/1/2038	Pass Through (a)	6.345	$ 70,000,000	$ -	$ 61,095,000	$ 8,905,000	None
				$ 70,000,000	$ -	$ 61,095,000	$ 8,905,000	

(a): 2007 Series M bonds are subject to mandatory redemption, in whole or in part, on each January 1 and July 1, commencing January 1, 2008, from mortgage prepayments and repayments allocable to the 2007 Series M Bonds.

Optional Redemption: 2007 Series M bonds are also subject to redemption at the option of the Agency as a whole, but not in part, on any date on which not greater than $7,000,000 in aggregate principal amount of 2007 Series M bonds would otherwise remain outstanding at a redemption price equal to the principal amount thereof plus accrued interest.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2013 Series A AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2014	Serial	0.400	$ 1,310,000	$ 1,310,000	$ -	$ -	N/A
--	7/1/2014	Serial	0.500	1,390,000	1,350,000	40,000	-	N/A
--	1/1/2015	Serial	0.625	1,400,000	1,350,000	50,000	-	N/A
--	7/1/2015	Serial	0.750	1,410,000	1,315,000	95,000	-	N/A
--	1/1/2016	Serial	1.050	1,425,000	1,280,000	145,000	-	N/A
--	7/1/2016	Serial	1.150	550,000	490,000	60,000	-	N/A
60416SBU3	7/1/2031	Term (a)	3.000	25,820,000	-	25,235,000	585,000	1
				$ 33,305,000	$ 7,095,000	$ 25,625,000	$ 585,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2013 Series A, 2013 Series B and 2013 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2013 Series A PAC Term bonds maturing July 1, 2031.

Optional Redemption: Bonds with stated maturities on or after July 1, 2023, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2024.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2013 Series C Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2019	Serial	1.800	$ 275,000	$ 200,000	$ 75,000	$ -	N/A
60416SCK4	1/1/2020	Serial	2.000	1,555,000	1,100,000	455,000	-	N/A
60416SCL2	7/1/2020	Serial	2.100	1,580,000	1,065,000	515,000	-	N/A
60416SCM0	1/1/2021	Serial	2.300	1,600,000	1,020,000	580,000	-	N/A
60416SCN8	7/1/2021	Serial	2.350	1,625,000	925,000	700,000	-	N/A
60416SCP3	1/1/2022	Serial	2.550	1,650,000	850,000	800,000	-	N/A
60416SCQ1	7/1/2022	Serial	2.550	1,680,000	805,000	875,000	-	N/A
60416SCR9	1/1/2023	Serial	2.750	1,710,000	-	910,000	800,000	2
60416SCS7	7/1/2023	Serial	2.750	1,740,000	-	940,000	800,000	2
60416SCT5	7/1/2033	Term (a)	3.600	8,180,000	-	4,205,000	3,975,000	2
60416SCU2	7/1/2038	Term (b)	3.800	11,260,000	-	5,820,000	5,440,000	2
60416SCV0	7/1/2043	Term (c)	3.900	9,455,000	-	4,885,000	4,570,000	2
				$ 42,310,000	$ 5,965,000	$ 20,760,000	$ 15,585,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2013 Series A, 2013 Series B and 2013 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2013 Series A PAC Term bonds maturing July 1, 2031.

Optional Redemption: Bonds with stated maturities on or after July 1, 2023, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2031.
(b): Sinking fund redemptions begin January 1, 2034.
(c): Sinking fund redemptions begin January 1, 2039.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of December 31, 2022

Residential Housing Finance Bonds, 2014 Series A Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2015	Serial	0.250	$ 1,045,000	$ 1,030,000	$ 15,000	$ -	N/A
--	7/1/2015	Serial	0.350	1,110,000	1,070,000	40,000	-	N/A
--	1/1/2016	Serial	0.450	1,175,000	1,020,000	155,000	-	N/A
--	7/1/2016	Serial	0.550	1,235,000	1,040,000	195,000	-	N/A
--	1/1/2017	Serial	0.850	1,280,000	935,000	345,000	-	N/A
--	7/1/2017	Serial	0.950	1,270,000	855,000	415,000	-	N/A
--	1/1/2018	Serial	1.250	1,260,000	725,000	535,000	-	N/A
--	7/1/2018	Serial	1.350	1,245,000	700,000	545,000	-	N/A
--	1/1/2019	Serial	1.650	1,235,000	565,000	670,000	-	N/A
--	7/1/2019	Serial	1.750	1,230,000	415,000	815,000	-	N/A
60416SFL9	1/1/2020	Serial	2.100	1,220,000	280,000	940,000	-	N/A
60416SFM7	7/1/2020	Serial	2.200	1,215,000	115,000	1,100,000	-	N/A
60416SFN5	1/1/2021	Serial	2.500	1,210,000	-	1,210,000	-	N/A
60416SFP0	7/1/2021	Serial	2.600	1,205,000	-	1,205,000	-	N/A
60416SFQ8	1/1/2022	Serial	2.800	1,200,000	-	1,200,000	-	N/A
60416SFR6	7/1/2022	Serial	2.900	1,200,000	-	1,200,000	-	N/A
60416SFS4	1/1/2023	Serial	3.050	1,200,000	-	1,200,000	-	N/A
60416SFT2	7/1/2023	Serial	3.100	1,200,000	-	1,200,000	-	N/A
60416SFU9	1/1/2024	Serial	3.300	1,200,000	-	1,200,000	-	N/A
60416SFW5	7/1/2024	Serial	3.350	1,200,000	-	1,200,000	-	N/A
60416SFX3	1/1/2027	Term (a)	3.750	5,095,000	-	5,095,000	-	N/A
60416SFV7	7/1/2038	Term (b)	4.000	20,770,000	-	18,745,000	2,025,000	1
				$ 50,000,000	$ 8,750,000	$ 39,225,000	$ 2,025,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series A.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series A PAC Term bonds maturing July 1, 2038.

Optional Redemption: Bonds with stated maturities on or after July 1, 2024, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2025.
(b): Sinking fund redemptions begin January 1, 2027.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2014 Series B Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2015	Serial	0.200	$ 735,000	$ 735,000	$ -	$ -	N/A
--	7/1/2015	Serial	0.300	1,140,000	1,125,000	15,000	-	N/A
--	1/1/2016	Serial	0.450	1,200,000	1,120,000	80,000	-	N/A
--	7/1/2016	Serial	0.500	1,240,000	1,095,000	145,000	-	N/A
--	1/1/2017	Serial	0.850	1,255,000	1,010,000	245,000	-	N/A
--	7/1/2017	Serial	0.950	1,240,000	905,000	335,000	-	N/A
--	1/1/2018	Serial	1.200	1,230,000	770,000	460,000	-	N/A
--	7/1/2018	Serial	1.350	1,220,000	665,000	555,000	-	N/A
--	1/1/2019	Serial	1.600	1,210,000	480,000	730,000	-	N/A
--	7/1/2019	Serial	1.700	1,205,000	305,000	900,000	-	N/A
60416SGJ3	1/1/2020	Serial	2.000	1,195,000	155,000	1,040,000	-	N/A
60416SGK0	7/1/2020	Serial	2.100	1,195,000	-	1,195,000	-	N/A
60416SGL8	1/1/2021	Serial	2.350	1,190,000	-	1,190,000	-	N/A
60416SGM6	7/1/2021	Serial	2.450	1,185,000	-	1,185,000	-	N/A
60416SGN4	1/1/2022	Serial	2.700	1,185,000	-	1,185,000	-	N/A
60416SGP9	7/1/2022	Serial	2.750	1,185,000	-	1,185,000	-	N/A
60416SGQ7	1/1/2023	Serial	2.950	1,185,000	-	1,185,000	-	N/A
60416SGR5	7/1/2023	Serial	2.950	1,185,000	-	1,185,000	-	N/A
60416SGS3	1/1/2024	Serial	3.050	1,190,000	-	1,190,000	-	N/A
60416SGT1	7/1/2024	Serial	3.050	1,190,000	-	1,190,000	-	N/A
60416SGW4	1/1/2025	Serial	3.200	1,195,000	-	1,195,000	-	N/A
60416SGX2	7/1/2025	Serial	3.200	1,200,000	-	1,200,000	-	N/A
60416SGY0	1/1/2026	Serial	3.350	1,205,000	-	1,205,000	-	N/A
60416SGU8	7/1/2026	Serial	3.350	380,000	-	380,000	-	N/A
60416SGV6	1/1/2038	Term (a)	4.000	22,460,000	-	19,375,000	3,085,000	1
				$ 50,000,000	$ 8,365,000	$ 38,550,000	$ 3,085,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series B PAC Term bonds maturing January 1, 2038.

Optional Redemption: Bonds with stated maturities on or after July 1, 2024, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2026.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2014 Series C AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2015	Serial	0.350	$ 3,315,000	$ 3,215,000	$ 100,000	$ -	N/A
--	1/1/2016	Serial	0.500	3,380,000	3,090,000	290,000	-	N/A
--	7/1/2016	Serial	0.600	3,120,000	2,760,000	360,000	-	N/A
--	1/1/2017	Serial	0.950	3,215,000	2,630,000	585,000	-	N/A
--	7/1/2017	Serial	1.050	3,300,000	2,565,000	735,000	-	N/A
--	1/1/2018	Serial	1.300	3,350,000	2,465,000	885,000	-	N/A
--	7/1/2018	Serial	1.400	3,400,000	2,415,000	985,000	-	N/A
--	1/1/2019	Serial	1.700	3,460,000	2,345,000	1,115,000	-	N/A
--	7/1/2019	Serial	1.800	3,510,000	2,265,000	1,245,000	-	N/A
60416SHK9	1/1/2020	Serial	2.050	3,560,000	2,185,000	1,375,000	-	N/A
60416SHL7	7/1/2020	Serial	2.150	665,000	390,000	275,000	-	N/A
60416SHQ6	7/1/2022	Serial	2.900	3,900,000	1,415,000	2,485,000	-	N/A
60416SHR4	1/1/2023	Serial	3.000	3,970,000	-	2,565,000	1,405,000	2
60416SHS2	7/1/2023	Serial	3.050	4,060,000	-	2,625,000	1,435,000	2
60416SHT0	1/1/2024	Serial	3.125	4,145,000	-	2,695,000	1,450,000	2
60416SHU7	7/1/2024	Serial	3.125	4,240,000	-	2,750,000	1,490,000	2
60416SHV5	1/1/2025	Serial	3.200	4,330,000	-	2,810,000	1,520,000	2
60416SHX1	1/1/2045	Term (a)	4.000	84,225,000	-	70,050,000	14,175,000	1
				$ 143,145,000	$ 27,740,000	$ 93,930,000	$ 21,475,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series C, 2014 Series D and 2014 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series C PAC Term bonds maturing January 1, 2045.

Optional Redemption: Bonds with stated maturities on or after January 1, 2025, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2032.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2014 Series D Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SHZ6	7/1/2025	Serial	3.000	$ 4,425,000	$ -	$ 2,860,000	$ 1,565,000	2
60416SHY9	1/1/2026	Serial	3.100	2,160,000	-	1,405,000	755,000	2
				$ 6,585,000	$ -	$ 4,265,000	$ 2,320,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series C, 2014 Series D and 2014 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series C PAC Term bonds maturing January 1, 2045.

Optional Redemption: Bonds with stated maturities on or after January 1, 2025, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2024 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2014 Series E Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SHM5	7/1/2020	Serial	2.000	$ 2,955,000	$ 1,720,000	$ 1,235,000	$ -	N/A
60416SHN3	1/1/2021	Serial	2.200	3,660,000	1,870,000	1,790,000	-	N/A
60416SHP8	7/1/2021	Serial	2.300	3,720,000	1,585,000	2,135,000	-	N/A
60416SHW3	1/1/2022	Serial	2.600	3,815,000	1,440,000	2,375,000	-	N/A
60416SJC5	1/1/2026	Serial	3.100	2,375,000	-	1,535,000	840,000	2
60416SJD3	7/1/2026	Serial	3.100	4,580,000	-	2,965,000	1,615,000	2
60416SJA9	7/1/2029	Term (a)	3.350	29,485,000	-	19,090,000	10,395,000	2
60416SJB7	1/1/2032	Term (b)	3.500	25,410,000	-	16,455,000	8,955,000	2
				$ 76,000,000	$ 6,615,000	$ 47,580,000	$ 21,805,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series C, 2014 Series D and 2014 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series C PAC Term bonds maturing January 1, 2045.

Optional Redemption: Bonds with stated maturities on or after January 1, 2025, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2027.
(b): Sinking fund redemptions begin January 1, 2030.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2015 Series A AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SKD1	1/1/2041	Term(a)	4.000	$ 43,070,000	$ -	$ 37,530,000	$ 5,540,000	1
				$ 43,070,000	$ -	$ 37,530,000	$ 5,540,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series A, 2015 Series B, 2015 Series C and 2015 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series A PAC Term bonds maturing January 1, 2041.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2031.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of December 31, 2022

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2015 Series C Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2016	Serial	0.400	$ 1,390,000	$ 1,340,000	$ 50,000	$ -	N/A
--	1/1/2017	Serial	0.625	1,575,000	1,360,000	215,000	-	N/A
--	7/1/2017	Serial	0.800	1,590,000	1,305,000	285,000	-	N/A
--	1/1/2018	Serial	1.100	1,605,000	1,165,000	440,000	-	N/A
--	7/1/2018	Serial	1.200	1,625,000	1,140,000	485,000	-	N/A
--	1/1/2019	Serial	1.350	1,645,000	1,065,000	580,000	-	N/A
--	7/1/2019	Serial	1.450	1,665,000	1,010,000	655,000	-	N/A
60416SKP4	1/1/2020	Serial	1.700	1,690,000	965,000	725,000	-	N/A
60416SKQ2	7/1/2020	Serial	1.800	1,715,000	875,000	840,000	-	N/A
60416SKR0	1/1/2021	Serial	2.050	1,740,000	520,000	1,220,000	-	N/A
60416SKS8	7/1/2021	Serial	2.100	1,765,000	265,000	1,500,000	-	N/A
60416SKT6	1/1/2022	Serial	2.350	1,790,000	80,000	1,710,000	-	N/A
60416SKU3	7/1/2022	Serial	2.400	1,820,000	45,000	1,775,000	-	N/A
60416SKV1	1/1/2023	Serial	2.55	1,855,000	-	1,855,000	-	N/A
60416SKW9	7/1/2023	Serial	2.60	1,890,000	-	1,885,000	5,000	2
60416SKX7	1/1/2024	Serial	2.75	1,930,000	-	1,925,000	5,000	2
60416SKY5	7/1/2024	Serial	2.80	1,965,000	-	1,965,000	-	N/A
60416SKZ2	1/1/2025	Serial	2.90	2,005,000	-	2,005,000	-	N/A
60416SLA6	7/1/2025	Serial	2.95	2,050,000	-	2,050,000	-	N/A
60416SLB4	1/1/2026	Serial	3.05	2,090,000	-	2,085,000	5,000	2
60416SLC2	7/1/2026	Serial	3.10	2,135,000	-	2,130,000	5,000	2
60416SLD0	7/1/2031	Term(a)	3.60	24,245,000	-	24,220,000	25,000	2
				$ 61,780,000	$ 11,135,000	$ 50,600,000	$ 45,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series A, 2015 Series B, 2015 Series C and 2015 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series A PAC Term bonds maturing January 1, 2041.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2027

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2015 Series D AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SLE8	1/1/2046	Term (a)	Variable*	$ 18,225,000	$ -	$ 4,245,000	$ 13,980,000	2
				$ 18,225,000	$ -	$ 4,245,000	$ 13,980,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series A, 2015 Series B, 2015 Series C and 2015 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series A PAC Term bonds maturing January 1, 2041.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: August 12, 2015 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2041.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 3.63%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2015 Series E AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2016	Serial	0.600	$ 1,800,000	$ 1,790,000	$ 10,000	$ -	N/A
--	1/1/2017	Serial	1.000	2,220,000	2,035,000	185,000	-	N/A
--	7/1/2017	Serial	1.110	2,240,000	1,840,000	400,000	-	N/A
--	1/1/2018	Serial	1.250	2,270,000	1,660,000	610,000	-	N/A
--	7/1/2018	Serial	1.350	2,295,000	1,610,000	685,000	-	N/A
--	1/1/2019	Serial	1.650	2,325,000	1,450,000	875,000	-	N/A
60416SMR8	7/1/2019	Serial	1.750	2,360,000	1,350,000	1,010,000	-	N/A
60416SMS6	1/1/2020	Serial	1.900	2,395,000	1,225,000	1,170,000	-	N/A
60416SMT4	7/1/2020	Serial	2.000	2,435,000	1,020,000	1,415,000	-	N/A
60416SMU1	1/1/2021	Serial	2.150	2,475,000	650,000	1,825,000	-	N/A
60416SMV9	7/1/2021	Serial	2.250	2,515,000	145,000	2,370,000	-	N/A
60416SMW7	1/1/2022	Serial	2.350	2,560,000	10,000	2,550,000	-	N/A
60416SMX5	7/1/2022	Serial	2.450	2,610,000	-	2,610,000	-	N/A
60416SMY3	1/1/2023	Serial	2.650	1,930,000	-	1,930,000	-	N/A
60416SMZ0	1/1/2046	Term(a)	3.500	64,500,000	-	51,720,000	12,780,000	1
				$ 96,930,000	$ 14,785,000	$ 69,365,000	$ 12,780,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series E, 2015 Series F and 2015 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series E PAC Term bonds maturing January 1, 2046.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2034.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2015 Series G Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SMG2	1/1/2034	Term (a)	Variable*	$ 35,000,000	$ -	$ 6,475,000	$ 28,525,000	2
				$ 35,000,000	$ -	$ 6,475,000	$ 28,525,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series E, 2015 Series F and 2015 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series E PAC Term bonds maturing January 1, 2046.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 9, 2015 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2029.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 3.60%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2016 Series A AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2017	Serial	0.850	$ 695,000	$ 660,000	$ 35,000	$ -	N/A
--	7/1/2017	Serial	0.950	1,125,000	980,000	145,000	-	N/A
--	1/1/2018	Serial	1.050	1,140,000	940,000	200,000	-	N/A
--	7/1/2018	Serial	1.100	1,145,000	910,000	235,000	-	N/A
--	1/1/2019	Serial	1.250	1,590,000	1,185,000	405,000	-	N/A
--	7/1/2019	Serial	1.300	1,600,000	1,140,000	460,000	-	N/A
60416SNT3	1/1/2020	Serial	1.500	1,625,000	1,095,000	530,000	-	N/A
60416SNU0	7/1/2020	Serial	1.550	1,650,000	1,045,000	605,000	-	N/A
60416SNV8	1/1/2021	Serial	1.700	1,670,000	850,000	820,000	-	N/A
60416SNW6	7/1/2021	Serial	1.750	1,700,000	665,000	1,035,000	-	N/A
60416SNX4	1/1/2022	Serial	1.950	1,725,000	540,000	1,185,000	-	N/A
60416SNY2	7/1/2022	Serial	2.000	1,750,000	435,000	1,315,000	-	N/A
60416SNZ9	1/1/2023	Serial	2.100	1,790,000	-	1,355,000	435,000	2
60416SPA2	7/1/2023	Serial	2.150	1,820,000	-	1,385,000	435,000	2
60416SPB0	1/1/2024	Serial	2.250	1,845,000	-	1,415,000	430,000	2
60416SPC8	7/1/2024	Serial	2.300	1,885,000	-	1,435,000	450,000	2
60416SPD6	1/1/2025	Serial	2.450	1,920,000	-	1,460,000	460,000	2
60416SPE4	7/1/2025	Serial	2.500	1,960,000	-	1,495,000	465,000	2
60416SPF1	1/1/2026	Serial	2.650	1,995,000	-	1,525,000	470,000	2
60416SPG9	7/1/2026	Serial	2.700	2,040,000	-	1,560,000	480,000	2
60416SPH7	7/1/2031	Term (a)	3.100	23,180,000	-	17,625,000	5,555,000	2
60416SPJ3	1/1/2033	Term (b)	3.200	7,285,000	-	5,540,000	1,745,000	2
				$ 63,135,000	$ 10,445,000	$ 41,765,000	$ 10,925,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2016 Series A, 2016 Series B and 2016 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2016 Series B PAC Term bonds maturing July 1, 2046. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2027.
(b): Sinking fund redemptions begin January 1, 2032.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2016 Series B Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SPK0	7/1/2035	Term (a)	3.100	$ 15,680,000	$ -	$ 11,930,000	$ 3,750,000	2
60416SPL8	1/1/2037	Term (b)	3.150	9,850,000	-	7,485,000	2,365,000	2
60416SPM6	7/1/2046	Term (c)	3.500	49,455,000	-	38,265,000	11,190,000	1
				$ 74,985,000	$ -	$ 57,680,000	$ 17,305,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2016 Series A, 2016 Series B and 2016 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2016 Series B PAC Term bonds maturing July 1, 2046. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin January 1, 2036.
(c): Sinking fund redemptions begin July 1, 2037.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2016 Series C

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2017	Serial	1.200	$ 600,000	$ 540,000	$ 60,000	$ -	N/A
--	1/1/2018	Serial	1.550	1,200,000	900,000	300,000	-	N/A
--	1/1/2019	Serial	1.850	815,000	505,000	310,000	-	N/A
60416SPR5	1/1/2020	Serial	2.200	425,000	260,000	165,000	-	N/A
60416SPS3	1/1/2021	Serial	2.450	450,000	215,000	235,000	-	N/A
60416SPT1	1/1/2022	Serial	2.700	470,000	150,000	320,000	-	N/A
60416SPU8	1/1/2023	Serial	2.900	500,000	-	385,000	115,000	2
60416SPV6	1/1/2024	Serial	3.050	530,000	-	415,000	115,000	2
60416SPW4	1/1/2025	Serial	3.250	560,000	-	445,000	115,000	2
60416SPX2	1/1/2026	Serial	3.350	590,000	-	475,000	115,000	2
60416SPY0	7/1/2031	Term (a)	3.800	3,900,000	-	3,040,000	860,000	2
60416SPZ7	7/1/2037	Term (b)	4.200	5,550,000	-	4,335,000	1,215,000	2
				$ 15,590,000	$ 2,570,000	$ 10,485,000	$ 2,535,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2016 Series A, 2016 Series B and 2016 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2016 Series B PAC Term bonds maturing July 1, 2046. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2026.
(b): Sinking fund redemptions begin January 1, 2032.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2016 Series E Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SSM3	1/1/2021	Serial	2.000	$ 1,590,000	$ 605,000	$ 985,000	$ -	N/A
60416SSN1	7/1/2021	Serial	2.100	1,745,000	175,000	1,570,000	-	N/A
60416SSP6	1/1/2022	Serial	2.300	1,775,000	175,000	1,600,000	-	N/A
60416SSQ4	7/1/2022	Serial	2.400	1,810,000	130,000	1,680,000	-	N/A
60416SSR2	1/1/2023	Serial	2.500	1,840,000	-	1,840,000	-	N/A
60416SSS0	7/1/2023	Serial	2.600	1,875,000	-	1,875,000	-	N/A
60416SST8	1/1/2024	Serial	2.700	1,915,000	-	1,915,000	-	N/A
60416SSU5	7/1/2024	Serial	2.800	1,955,000	-	1,955,000	-	N/A
60416SSV3	1/1/2025	Serial	2.900	1,995,000	-	1,995,000	-	N/A
60416SSW1	7/1/2025	Serial	2.950	2,040,000	-	2,040,000	-	N/A
60416SSX9	1/1/2026	Serial	3.050	2,085,000	-	2,085,000	-	N/A
60416SSY7	7/1/2026	Serial	3.100	2,130,000	-	2,130,000	-	N/A
60416SSZ4	1/1/2027	Serial	3.200	2,175,000	-	2,175,000	-	N/A
60416STA8	7/1/2027	Serial	3.250	2,225,000	-	2,225,000	-	N/A
60416STB6	1/1/2031	Term(a)	3.700	14,320,000	-	14,320,000	-	N/A
60416STC4	1/1/2047	Term (b)	4.000	33,530,000	-	26,410,000	7,120,000	1
				$ 75,005,000	$ 1,085,000	$ 66,800,000	$ 7,120,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2016 Series D, 2016 Series E and 2016 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2016 Series E PAC Term bonds maturing January 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2026 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2028.
(b): Sinking fund redemptions begin July 1, 2041.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2016 Series F AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SSB7	1/1/2041	Term(a)	Variable*	$ 50,000,000	$ -	$ 11,350,000	$ 38,650,000	2
				$ 50,000,000	$ -	$ 11,350,000	$ 38,650,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2016 Series D, 2016 Series E and 2016 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2016 Series E PAC Term bonds maturing January 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 23, 2016 and thereafter - 100%.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 3.63%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2017 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SUB4	7/1/2038	Term(a)	3.400	$ 3,730,000	$ -	$ 3,730,000	$ -	N/A
60416SUC2	7/1/2047	Term (b)	4.000	33,660,000	-	23,390,000	10,270,000	1
				$ 37,390,000	$ -	$ 27,120,000	$ 10,270,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series A, 2017 Series B and 2017 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series B PAC Term bonds maturing July 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2027 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2038.
(b): Sinking fund redemptions begin July 1, 2038.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2017 Series C AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SUD0	1/1/2038	Term(a)	Variable*	$ 40,000,000	$ -	$ 5,005,000	$ 34,995,000	2
				$ 40,000,000	$ -	$ 5,005,000	$ 34,995,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series A, 2017 Series B and 2017 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series B PAC Term bonds maturing July 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 20, 2017 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2030.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 3.63%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2017 Series E Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SWC0	1/1/2034	Term(a)	3.300	$ 19,235,000	$ -	$ 19,235,000	$ -	N/A
60416SWD8	1/1/2048	Term (b)	4.000	43,840,000	-	25,485,000	18,355,000	1
				$ 63,075,000	$ -	$ 44,720,000	$ 18,355,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series D, 2017 Series E and 2017 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series E PAC Term bonds maturing January 1, 2048.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2027 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2030.
(b): Sinking fund redemptions begin July 1, 2038.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2017 Series F

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SWE6	1/1/2041	Term(a)	Variable*	$ 40,000,000	$ -	$ -	$ 40,000,000	2
				$ 40,000,000	$ -	$ -	$ 40,000,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series D, 2017 Series E and 2017 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series E PAC Term bonds maturing January 1, 2048.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 22, 2017 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2034.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 3.60%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2018 Series B Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2019	Serial	1.700	$ 100,000	$ 95,000	$ 5,000	$ -	N/A
60416SXE5	1/1/2020	Serial	1.800	100,000	85,000	15,000	-	N/A
60416SXF2	7/1/2020	Serial	1.900	100,000	70,000	30,000	-	N/A
60416SXG0	1/1/2021	Serial	2.000	100,000	35,000	65,000	-	N/A
60416SXH8	7/1/2021	Serial	2.100	100,000	-	100,000	-	N/A
60416SXJ4	1/1/2022	Serial	2.150	100,000	-	100,000	-	N/A
60416SXK1	7/1/2022	Serial	2.200	100,000	-	100,000	-	N/A
60416SXL9	1/1/2023	Serial	2.300	100,000	-	100,000	-	N/A
60416SXM7	7/1/2023	Serial	2.350	175,000	-	175,000	-	N/A
60416SXN5	1/1/2024	Serial	2.500	200,000	-	200,000	-	N/A
60416SXP0	7/1/2024	Serial	2.550	200,000	-	200,000	-	N/A
60416SXQ8	7/1/2033	Term (a)	3.450	5,380,000	-	5,380,000	-	N/A
60416SXR6	7/1/2037	Term (b)	3.650	11,950,000	-	11,950,000	-	N/A
60416SXS4	7/1/2048	Term (c)	4.000	24,975,000	-	8,425,000	16,550,000	1
				$ 43,680,000	$ 285,000	$ 26,845,000	$ 16,550,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2018 Series A, 2018 Series B, 2018 Series C and 2018 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2018 Series B PAC Term bonds maturing July 1, 2048. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2027 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2032.
(b): Sinking fund redemptions begin January 1, 2034.
(c): Sinking fund redemptions begin January 1, 2045.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2018 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SYR5	1/1/2045	Term(a)	Variable*	$ 35,000,000	$ -	$ 8,790,000	$ 26,210,000	3
				$ 35,000,000	$ -	$ 8,790,000	$ 26,210,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2018 Series A, 2018 Series B, 2018 Series C and 2018 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #3 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2018 Series B PAC Term bonds maturing July 1, 2048 and, on or before January 1, 2023, if no call priority #2 bonds are outstanding. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2037.

*Interest on the bonds is adjusted weekly and equals the SIFMA Swap Index plus 0.43%.
The interest rate on December 31, 2022 was 4.09%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2018 Series E Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2019	Serial	2.000	$ 150,000	$ 150,000	$ -	$ -	N/A
60416SA42	7/1/2026	Serial	3.000	215,000	-	215,000	-	N/A
60416SA59	1/1/2027	Serial	3.100	1,195,000	-	1,195,000	-	N/A
60416SA67	7/1/2027	Serial	3.150	1,220,000	-	1,220,000	-	N/A
60416SA75	1/1/2028	Serial	3.300	1,245,000	-	1,245,000	-	N/A
60416SA83	7/1/2028	Serial	3.350	1,275,000	-	1,275,000	-	N/A
60416SA91	1/1/2029	Serial	3.400	1,305,000	-	1,305,000	-	N/A
60416SB25	7/1/2029	Serial	3.450	1,335,000	-	1,335,000	-	N/A
60416SB33	1/1/2030	Serial	3.550	1,365,000	-	1,365,000	-	N/A
60416SB41	7/1/2030	Serial	3.600	1,405,000	-	1,405,000	-	N/A
60416SB58	1/1/2033	Term(a)	3.800	6,840,000	-	6,840,000	-	N/A
60416SB66	1/1/2049	Term(b)	4.250	47,650,000	-	20,890,000	26,760,000	1
				$ 65,200,000	$ 150,000	$ 38,290,000	$ 26,760,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2028 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2031.
(b): Sinking fund redemptions begin July 1, 2041.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2018 Series G

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2019	Serial	3.100	$ 250,000	$ 250,000	$ -	$ -	N/A
60416SD72	1/1/2020	Serial	3.150	265,000	265,000	-	-	N/A
60416SD80	7/1/2020	Serial	3.200	270,000	270,000	-	-	N/A
60416SD98	1/1/2021	Serial	3.310	275,000	235,000	40,000	-	N/A
60416SE22	7/1/2021	Serial	3.360	285,000	200,000	85,000	-	N/A
60416SE30	1/1/2022	Serial	3.390	290,000	35,000	255,000	-	N/A
60416SE48	7/1/2022	Serial	3.440	300,000	10,000	290,000	-	N/A
60416SE55	1/1/2023	Serial	3.500	305,000	-	295,000	10,000	2
60416SE63	7/1/2023	Serial	3.540	315,000	-	305,000	10,000	2
60416SE71	1/1/2024	Serial	3.650	320,000	-	310,000	10,000	2
60416SE89	7/1/2024	Serial	3.700	330,000	-	320,000	10,000	2
60416SE97	1/1/2025	Serial	3.750	340,000	-	330,000	10,000	2
60416SF21	7/1/2025	Serial	3.800	345,000	-	335,000	10,000	2
60416SF39	1/1/2026	Serial	3.850	355,000	-	345,000	10,000	2
60416SF47	7/1/2026	Serial	3.900	365,000	-	355,000	10,000	2
60416SF54	1/1/2027	Serial	4.000	375,000	-	365,000	10,000	2
60416SF62	7/1/2027	Serial	4.050	385,000	-	370,000	15,000	2
60416SF70	1/1/2028	Serial	1.100	395,000	-	380,000	15,000	2
60416SF88	7/1/2028	Serial	4.150	405,000	-	390,000	15,000	2
60416SF96	1/1/2029	Serial	4.200	415,000	-	400,000	15,000	2
60416SG20	7/1/2029	Serial	4.250	425,000	-	410,000	15,000	2
60416SG38	7/1/2033	Term (a)	4.450	3,790,000	-	3,665,000	125,000	2
60416SG46	7/1/2038	Term (b)	4.630	5,935,000	-	5,740,000	195,000	2
60416SG53	1/1/2049	Term (c)	4.730	18,265,000	-	17,670,000	595,000	2
				$ 35,000,000	$ 1,265,000	$ 32,655,000	$ 1,080,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2028 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2030.
(b): Sinking fund redemptions begin January 1, 2034.
(c): Sinking fund redemptions begin January 1, 2039.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2018 Series H Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SG61	7/1/2041	Term(a)	Variable*	$ 35,000,000	$ -	$ 5,555,000	$ 29,445,000	3
				$ 35,000,000	$ -	$ 5,555,000	$ 29,445,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #3 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049 and, on or before July 1, 2023, if no call priority #2 bonds are outstanding. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.

*Interest on the bonds is adjusted weekly and equals the SIFMA Swap Index plus 0.55%.
The interest rate on December 31, 2022 was 4.21%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2019 Series B Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2019	Serial	1.600	$ 240,000	$ 240,000	$ -	$ -	N/A
60416SL81	1/1/2020	Serial	1.650	1,345,000	1,270,000	75,000	-	N/A
60416SL99	1/1/2021	Serial	1.750	1,355,000	615,000	740,000	-	N/A
60416SM23	1/1/2022	Serial	1.800	1,365,000	-	1,365,000	-	N/A
60416SM31	1/1/2023	Serial	1.950	1,380,000	-	1,380,000	-	N/A
60416SM49	1/1/2024	Serial	2.050	1,400,000	-	1,400,000	-	N/A
60416SM56	1/1/2025	Serial	2.150	1,415,000	-	1,415,000	-	N/A
60416SM64	7/1/2025	Serial	2.200	550,000	-	550,000	-	N/A
60416SM72	1/1/2026	Serial	2.350	1,440,000	-	1,440,000	-	N/A
60416SM80	7/1/2026	Serial	2.375	1,450,000	-	1,450,000	-	N/A
60416SM98	1/1/2027	Serial	2.500	1,470,000	-	1,470,000	-	N/A
60416SN22	7/1/2027	Serial	2.550	1,485,000	-	1,485,000	-	N/A
60416SN30	1/1/2028	Serial	2.650	1,470,000	-	1,470,000	-	N/A
60416SN48	7/1/2028	Serial	2.700	1,460,000	-	1,460,000	-	N/A
60416SN55	1/1/2029	Serial	2.850	2,430,000	-	2,430,000	-	N/A
60416SN63	7/1/2029	Serial	2.900	2,405,000	-	2,405,000	-	N/A
60416SN71	1/1/2030	Serial	3.000	2,375,000	-	2,375,000	-	N/A
60416SN89	7/1/2030	Serial	3.000	2,355,000	-	2,355,000	-	N/A
60416SN97	1/1/2031	Serial	3.100	2,400,000	-	2,400,000	-	N/A
60416SP20	7/1/2031	Serial	3.150	2,390,000	-	2,390,000	-	N/A
60416SP38	7/1/2033	Term (a)	3.300	8,565,000	-	8,565,000	-	N/A
60416SP46	7/1/2049	Term (b)	4.250	57,450,000	-	22,695,000	34,755,000	1
				$ 98,195,000	$ 2,125,000	$ 61,315,000	$ 34,755,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2028 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2032.
(b): Sinking fund redemptions begin January 1, 2042.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2019 Series C

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SH29	1/1/2020	Serial	2.625	$ 915,000	$ 910,000	$ 5,000	$ -	N/A
60416SH37	7/1/2020	Serial	2.675	940,000	925,000	15,000	-	N/A
60416SH45	1/1/2021	Serial	2.725	965,000	790,000	175,000	-	N/A
60416SH52	7/1/2021	Serial	2.775	990,000	660,000	330,000	-	N/A
60416SH60	1/1/2022	Serial	2.847	1,015,000	265,000	750,000	-	N/A
60416SH78	7/1/2022	Serial	2.897	1,040,000	30,000	1,010,000	-	N/A
60416SH86	1/1/2023	Serial	2.942	1,070,000	-	1,040,000	30,000	2
60416SH94	7/1/2023	Serial	2.992	1,095,000	-	1,065,000	30,000	2
60416SJ27	1/1/2024	Serial	3.042	1,125,000	-	1,095,000	30,000	2
60416SJ35	7/1/2024	Serial	3.092	1,155,000	-	1,125,000	30,000	2
60416SJ43	1/1/2025	Serial	3.207	1,190,000	-	1,155,000	35,000	2
60416SJ50	7/1/2025	Serial	3.237	1,220,000	-	1,185,000	35,000	2
60416SJ68	1/1/2026	Serial	3.317	1,250,000	-	1,215,000	35,000	2
60416SJ76	7/1/2026	Serial	3.367	1,285,000	-	1,250,000	35,000	2
60416SJ84	1/1/2027	Serial	3.471	1,315,000	-	1,280,000	35,000	2
60416SJ92	7/1/2027	Serial	3.521	1,350,000	-	1,315,000	35,000	2
60416SK25	1/1/2028	Serial	3.571	1,385,000	-	1,350,000	35,000	2
60416SK33	7/1/2028	Serial	3.621	1,420,000	-	1,385,000	35,000	2
60416SK41	1/1/2029	Serial	3.671	425,000	-	415,000	10,000	2
60416SK58	7/1/2029	Serial	3.721	440,000	-	430,000	10,000	2
60416SK66	7/1/2034	Term (a)	3.971	5,055,000	-	4,920,000	135,000	2
60416SK74	7/1/2042	Term (b)	4.204	10,855,000	-	10,560,000	295,000	2
				$ 37,500,000	$ 3,580,000	$ 33,070,000	$ 850,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2028 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2030.
(b): Sinking fund redemptions begin January 1, 2035.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2019 Series D Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SG87	1/1/2042	Term(a)	Variable*	$ 45,000,000	$ -	$ 7,745,000	$ 37,255,000	2
				$ 45,000,000	$ -	$ 7,745,000	$ 37,255,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: April 12, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2033.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 3.60%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2019 Series E AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SP87	7/1/2020	Serial	1.200	$ 1,235,000	$ 1,220,000	$ 15,000	$ -	N/A
60416SP95	1/1/2021	Serial	1.300	1,240,000	1,005,000	235,000	-	N/A
60416SQ29	7/1/2021	Serial	1.350	1,245,000	850,000	395,000	-	N/A
60416SQ37	1/1/2022	Serial	1.400	1,250,000	705,000	545,000	-	N/A
60416SQ45	7/1/2022	Serial	1.450	1,260,000	575,000	685,000	-	N/A
60416SQ52	1/1/2023	Serial	1.500	1,265,000	-	720,000	545,000	2
60416SQ60	7/1/2023	Serial	1.550	1,275,000	-	730,000	545,000	2
60416SQ78	1/1/2024	Serial	1.600	1,280,000	-	735,000	545,000	2
60416SQ86	7/1/2024	Serial	1.650	1,290,000	-	740,000	550,000	2
60416SQ94	1/1/2025	Serial	1.700	1,300,000	-	750,000	550,000	2
60416SR28	7/1/2025	Serial	1.750	585,000	-	335,000	250,000	2
				$ 13,225,000	$ 4,355,000	$ 5,885,000	$ 2,985,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2019 Series F Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SR36	7/1/2020	Serial	1.050	$ 150,000	$ 150,000	$ -	$ -	N/A
60416SR44	7/1/2025	Serial	1.500	575,000	-	330,000	245,000	2
60416SR51	1/1/2026	Serial	1.550	1,320,000	-	740,000	580,000	2
60416SR69	7/1/2026	Serial	1.600	1,325,000	-	745,000	580,000	2
60416SR77	1/1/2027	Serial	1.700	1,340,000	-	760,000	580,000	2
60416SR85	7/1/2027	Serial	1.750	1,350,000	-	770,000	580,000	2
60416SR93	1/1/2028	Serial	1.800	1,365,000	-	780,000	585,000	2
60416SS27	7/1/2028	Serial	1.850	1,380,000	-	790,000	590,000	2
60416SS35	1/1/2029	Serial	1.900	1,395,000	-	805,000	590,000	2
60416SS43	7/1/2029	Serial	1.950	1,410,000	-	810,000	600,000	2
60416SS50	1/1/2030	Serial	2.000	1,430,000	-	820,000	610,000	2
60416SS68	7/1/2030	Serial	2.050	1,450,000	-	830,000	620,000	2
60416SS76	1/1/2031	Serial	2.100	1,470,000	-	830,000	640,000	2
60416SS84	7/1/2031	Serial	2.150	1,495,000	-	855,000	640,000	2
60416SW48	1/1/2032	Serial	2.250	1,520,000	-	875,000	645,000	2
60416SW55	7/1/2032	Serial	2.300	1,540,000	-	885,000	655,000	2
60416SS92	7/1/2034	Term (a)	2.450	6,425,000	-	3,665,000	2,760,000	2
60416ST26	7/1/2039	Term (b)	2.550	18,190,000	-	10,385,000	7,805,000	2
60416ST34	7/1/2044	Term (c)	2.750	20,655,000	-	11,785,000	8,870,000	2
60416ST42	1/1/2050	Term (d)	3.750	30,990,000	-	9,185,000	21,805,000	1
				$ 96,775,000	$ 150,000	$ 46,645,000	$ 49,980,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2029 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin January 1, 2035.
(c): Sinking fund redemptions begin January 1, 2040.
(d): Sinking fund redemptions begin July 1, 2044.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2019 Series G Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416ST59	7/1/2020	Serial	1.760	$ 760,000	$ 745,000	$ 15,000	$ -	N/A
60416ST67	1/1/2021	Serial	1.810	775,000	560,000	215,000	-	N/A
60416ST75	7/1/2021	Serial	1.860	790,000	405,000	385,000	-	N/A
60416ST83	1/1/2022	Serial	1.846	810,000	240,000	570,000	-	N/A
60416ST91	7/1/2022	Serial	1.896	825,000	80,000	745,000	-	N/A
60416SU24	1/1/2023	Serial	1.926	845,000	-	840,000	5,000	2
60416SU32	7/1/2023	Serial	1.976	860,000	-	855,000	5,000	2
60416SU40	1/1/2024	Serial	2.026	880,000	-	875,000	5,000	2
60416SU57	7/1/2024	Serial	2.076	900,000	-	895,000	5,000	2
60416SU65	1/1/2025	Serial	2.149	915,000	-	910,000	5,000	2
60416SU73	7/1/2025	Serial	2.199	935,000	-	930,000	5,000	2
60416SU81	1/1/2026	Serial	2.249	955,000	-	950,000	5,000	2
60416SU99	7/1/2026	Serial	2.299	980,000	-	975,000	5,000	2
60416SV23	1/1/2027	Serial	2.355	1,000,000	-	995,000	5,000	2
60416SV31	7/1/2027	Serial	2.435	1,025,000	-	1,015,000	10,000	2
60416SV49	1/1/2028	Serial	2.485	1,045,000	-	1,035,000	10,000	2
60416SV56	7/1/2028	Serial	2.535	1,065,000	-	1,055,000	10,000	2
60416SV64	1/1/2029	Serial	2.585	1,090,000	-	1,080,000	10,000	2
60416SV72	7/1/2029	Serial	2.635	1,115,000	-	1,105,000	10,000	2
60416SV80	1/1/2030	Serial	2.655	1,135,000	-	1,125,000	10,000	2
60416SV98	7/1/2030	Serial	2.705	1,160,000	-	1,150,000	10,000	2
60416SW22	7/1/2034	Term (a)	2.905	10,220,000	-	10,145,000	75,000	2
60416SW30	1/1/2040	Term (b)	3.164	15,930,000	-	15,815,000	115,000	2
				$ 46,015,000	$ 2,030,000	$ 43,680,000	$ 305,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2029 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2031.
(b): Sinking fund redemptions begin January 1, 2035.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2019 Series H Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SP61	1/1/2050	Term(a)	Variable*	$ 43,985,000	$ -	$ -	$ 43,985,000	2
				$ 43,985,000	$ -	$ -	$ 43,985,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: September 12, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2040.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 4.30%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2020 Series A AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S2X7	7/1/2020	Serial	1.050	$ 125,000	$ 125,000	$ -	$ -	N/A
60416S2Y5	1/1/2021	Serial	1.100	1,170,000	1,045,000	125,000	-	N/A
60416S2Z2	7/1/2021	Serial	1.150	1,690,000	1,320,000	370,000	-	N/A
60416S3A6	1/1/2022	Serial	1.250	1,710,000	1,190,000	520,000	-	N/A
60416S3B4	7/1/2022	Serial	1.300	1,730,000	1,100,000	630,000	-	N/A
60416S3C2	1/1/2023	Serial	1.350	1,750,000	-	670,000	1,080,000	2
60416S3D0	7/1/2023	Serial	1.350	1,775,000	-	675,000	1,100,000	2
60416S3E8	1/1/2024	Serial	1.450	1,795,000	-	680,000	1,115,000	2
60416S3F5	7/1/2024	Serial	1.450	1,820,000	-	695,000	1,125,000	2
60416S3G3	1/1/2025	Serial	1.550	1,840,000	-	710,000	1,130,000	2
60416S3H1	7/1/2025	Serial	1.550	1,865,000	-	720,000	1,145,000	2
60416S3J7	1/1/2026	Serial	1.650	1,890,000	-	725,000	1,165,000	2
60416S3K4	7/1/2026	Serial	1.700	1,690,000	-	630,000	1,060,000	2
				$ 20,850,000	$ 4,780,000	$ 7,150,000	$ 8,920,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2020 Series B Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S3L2	7/1/2020	Serial	0.950	$ 520,000	$ 520,000	$ -	$ -	N/A
60416S3M0	1/1/2021	Serial	0.950	500,000	450,000	50,000	-	N/A
60416S3N8	7/1/2026	Serial	1.450	230,000	-	90,000	140,000	2
60416S3P3	1/1/2027	Serial	1.550	1,950,000	-	730,000	1,220,000	2
60416S3Q1	7/1/2027	Serial	1.600	1,975,000	-	735,000	1,240,000	2
60416S3R9	1/1/2028	Serial	1.650	2,005,000	-	760,000	1,245,000	2
60416S3S7	7/1/2028	Serial	1.700	2,035,000	-	770,000	1,265,000	2
60416S3T5	1/1/2029	Serial	1.750	2,075,000	-	785,000	1,290,000	2
60416S3U2	7/1/2029	Serial	1.800	2,110,000	-	800,000	1,310,000	2
60416S3V0	1/1/2030	Serial	1.850	2,140,000	-	815,000	1,325,000	2
60416S3W8	7/1/2030	Serial	1.900	2,180,000	-	835,000	1,345,000	2
60416S3X6	1/1/2031	Serial	2.000	2,215,000	-	855,000	1,360,000	2
60416S3Y4	7/1/2031	Serial	2.000	2,260,000	-	875,000	1,385,000	2
60416S3Z1	1/1/2032	Serial	2.100	2,300,000	-	880,000	1,420,000	2
60416S4A5	7/1/2032	Serial	2.100	2,345,000	-	890,000	1,455,000	2
60416S4B3	1/1/2035	Term (a)	2.400	12,440,000	-	4,740,000	7,700,000	2
60416S4C1	1/1/2040	Term (b)	2.625	28,910,000	-	11,015,000	17,895,000	2
60416S4D9	1/1/2044	Term (c)	2.800	25,815,000	-	9,815,000	16,000,000	2
60416S4E7	7/1/2050	Term (d)	3.500	55,145,000	-	14,285,000	40,860,000	1
				$ 149,150,000	$ 970,000	$ 49,725,000	$ 98,455,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin July 1, 2035.
(c): Sinking fund redemptions begin July 1, 2040.
(d): Sinking fund redemptions begin January 1, 2044.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2020 Series C

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S4F4	7/1/2020	Serial	1.670	$ 155,000	$ 155,000	$ -	$ -	N/A
60416S4G2	1/1/2021	Serial	1.690	510,000	460,000	50,000	-	N/A
60416S4H0	7/1/2021	Serial	1.690	520,000	410,000	110,000	-	N/A
60416S4J6	1/1/2022	Serial	1.720	525,000	370,000	155,000	-	N/A
60416S4K3	7/1/2022	Serial	1.770	535,000	335,000	200,000	-	N/A
60416S4L1	1/1/2023	Serial	1.816	545,000	-	210,000	335,000	2
60416S4M9	7/1/2023	Serial	1.866	555,000	-	225,000	330,000	2
60416S4N7	1/1/2024	Serial	1.957	565,000	-	230,000	335,000	2
60416S4P2	7/1/2024	Serial	2.007	575,000	-	240,000	335,000	2
60416S4Q0	1/1/2025	Serial	2.037	585,000	-	250,000	335,000	2
60416S4R8	7/1/2025	Serial	2.087	595,000	-	255,000	340,000	2
60416S4S6	1/1/2026	Serial	2.211	605,000	-	260,000	345,000	2
60416S4T4	7/1/2026	Serial	2.261	620,000	-	270,000	350,000	2
60416S4U1	1/1/2027	Serial	2.311	630,000	-	270,000	360,000	2
60416S4V9	7/1/2027	Serial	2.361	645,000	-	280,000	365,000	2
60416S4W7	1/1/2028	Serial	2.491	655,000	-	285,000	370,000	2
60416S4X5	7/1/2028	Serial	2.541	670,000	-	290,000	380,000	2
60416S4Y3	1/1/2029	Serial	2.591	685,000	-	295,000	390,000	2
60416S4Z0	7/1/2029	Serial	2.641	700,000	-	310,000	390,000	2
60416S5A4	1/1/2030	Serial	2.691	710,000	-	310,000	400,000	2
60416S5B2	7/1/2030	Serial	2.741	735,000	-	325,000	410,000	2
60416S5C0	1/1/2035	Term (a)	2.941	7,370,000	-	3,130,000	4,240,000	2
60416S5D8	1/1/2040	Term (b)	3.237	10,250,000	-	4,350,000	5,900,000	2
60416S5E6	1/1/2044	Term (c)	3.337	9,290,000	-	3,925,000	5,365,000	2
60416S5F3	7/1/2050	Term (d)	2.657	20,770,000	-	5,485,000	15,285,000	1
				$ 60,000,000	$ 1,730,000	$ 21,710,000	$ 36,560,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2031.
(b): Sinking fund redemptions begin July 1, 2035.
(c): Sinking fund redemptions begin July 1, 2040.
(d): Sinking fund redemptions begin January 1, 2044.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2020 Series D AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S5G1	1/1/2021	Serial	0.450	$ 1,225,000	$ 1,180,000	$ 45,000	$ -	N/A
60416S5H9	7/1/2021	Serial	0.500	1,495,000	1,330,000	165,000	-	N/A
60416S5J5	1/1/2022	Serial	0.600	1,505,000	1,225,000	280,000	-	N/A
60416S5K2	7/1/2022	Serial	0.650	1,620,000	1,235,000	385,000	-	N/A
60416S5L0	1/1/2023	Serial	0.850	1,635,000	-	425,000	1,210,000	2
60416S5M8	7/1/2023	Serial	0.900	1,650,000	-	425,000	1,225,000	2
60416S5N6	1/1/2024	Serial	1.050	1,665,000	-	440,000	1,225,000	2
60416S5P1	7/1/2024	Serial	1.050	1,680,000	-	445,000	1,235,000	2
60416S5Q9	1/1/2025	Serial	1.350	1,700,000	-	465,000	1,235,000	2
60416S5R7	7/1/2025	Serial	1.400	1,570,000	-	390,000	1,180,000	2
60416S5S5	1/1/2026	Serial	1.625	1,590,000	-	400,000	1,190,000	2
60416S5T3	7/1/2026	Serial	1.650	1,615,000	-	410,000	1,205,000	2
60416S5U0	1/1/2027	Serial	1.800	350,000	-	95,000	255,000	2
				$ 19,300,000	$ 4,970,000	$ 4,370,000	$ 9,960,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series D and 2020 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series E PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2020 Series E Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S5V8	1/1/2021	Serial	0.300	$ 100,000	$ 100,000	$ -	$ -	N/A
60416S5W6	7/1/2021	Serial	0.350	100,000	100,000	-	-	N/A
60416S5X4	1/1/2022	Serial	0.400	100,000	95,000	5,000	-	N/A
60416S5Y2	7/1/2025	Serial	1.200	150,000	-	35,000	115,000	2
60416S5Z9	1/1/2026	Serial	1.400	150,000	-	35,000	115,000	2
60416S56A3	7/1/2026	Serial	1.450	150,000	-	30,000	120,000	2
60416S56B1	1/1/2027	Serial	1.550	1,435,000	-	370,000	1,065,000	2
60416S56C9	7/1/2027	Serial	1.600	1,810,000	-	455,000	1,355,000	2
60416S56D7	1/1/2028	Serial	1.750	1,835,000	-	470,000	1,365,000	2
60416S56E5	7/1/2028	Serial	1.750	1,865,000	-	470,000	1,395,000	2
60416S56F2	1/1/2029	Serial	1.850	1,890,000	-	485,000	1,405,000	2
60416S56G0	7/1/2029	Serial	1.900	1,920,000	-	495,000	1,425,000	2
60416S56H8	1/1/2030	Serial	1.950	1,950,000	-	515,000	1,435,000	2
60416S56J4	7/1/2030	Serial	2.000	1,980,000	-	515,000	1,465,000	2
60416S56K1	1/1/2031	Serial	2.050	2,010,000	-	530,000	1,480,000	2
60416S56L9	7/1/2031	Serial	2.050	2,040,000	-	545,000	1,495,000	2
60416S56M7	1/1/2032	Serial	2.150	2,075,000	-	560,000	1,515,000	2
60416S56N5	7/1/2032	Serial	2.200	2,105,000	-	560,000	1,545,000	2
60416S56P0	7/1/2035	Term (a)	2.250	13,390,000	-	3,460,000	9,930,000	2
60416S56Q8	7/1/2040	Term (b)	2.500	25,650,000	-	6,625,000	19,025,000	2
60416S56R6	7/1/2044	Term (c)	2.700	23,030,000	-	5,960,000	17,070,000	2
60416S56S4	7/1/2050	Term (d)	3.500	44,965,000	-	8,430,000	36,535,000	1
				$ 130,700,000	$ 295,000	$ 30,550,000	$ 99,855,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series D and 2020 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series E PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin January 1, 2036.
(c): Sinking fund redemptions begin January 1, 2041.
(d): Sinking fund redemptions begin July 1, 2044.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2020 Series F AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TAB4	1/1/2021	Serial	0.350	$ 125,000	$ 125,000	$ -	$ -	N/A
60416TAC2	7/1/2021	Serial	0.400	1,125,000	1,065,000	60,000	-	N/A
60416TAD0	1/1/2022	Serial	0.450	1,255,000	1,140,000	115,000	-	N/A
60416TAE8	7/1/2022	Serial	0.500	1,270,000	1,090,000	180,000	-	N/A
60416TAF5	1/1/2023	Serial	0.650	830,000	-	125,000	705,000	2
60416TAG3	7/1/2023	Serial	0.700	1,290,000	-	205,000	1,085,000	2
60416TAH1	1/1/2024	Serial	0.850	1,305,000	-	220,000	1,085,000	2
60416TAJ7	7/1/2024	Serial	0.900	1,320,000	-	225,000	1,095,000	2
60416TAK4	1/1/2025	Serial	1.050	860,000	-	135,000	725,000	2
60416TAL2	7/1/2025	Serial	1.100	875,000	-	135,000	740,000	2
60416TAM0	1/1/2026	Serial	1.250	885,000	-	140,000	745,000	2
60416TAN8	7/1/2026	Serial	1.350	905,000	-	150,000	755,000	2
60416TAP3	1/1/2027	Serial	1.450	915,000	-	155,000	760,000	2
60416TAQ1	7/1/2027	Serial	1.500	930,000	-	165,000	765,000	2
60416TAR9	1/1/2028	Serial	1.650	950,000	-	170,000	780,000	2
60416TAS7	7/1/2028	Serial	1.700	790,000	-	110,000	680,000	2
				$ 15,630,000	$ 3,420,000	$ 2,290,000	$ 9,920,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series F and 2020 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series G PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2030 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2020 Series G Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TAT5	1/1/2021	Serial	0.250	$ 150,000	$ 150,000	$ -	$ -	N/A
60416TAU2	1/1/2023	Serial	0.450	450,000	-	80,000	370,000	2
60416TAV0	7/1/2028	Serial	1.450	175,000	-	15,000	160,000	2
60416TAW8	1/1/2029	Serial	1.500	980,000	-	135,000	845,000	2
60416TAX6	7/1/2029	Serial	1.550	1,000,000	-	140,000	860,000	2
60416TAY4	1/1/2030	Serial	1.700	1,015,000	-	155,000	860,000	2
60416TAZ1	7/1/2030	Serial	1.750	1,030,000	-	165,000	865,000	2
60416TBA5	1/1/2031	Serial	1.800	1,050,000	-	175,000	875,000	2
60416TBB3	7/1/2031	Serial	1.850	1,070,000	-	180,000	890,000	2
60416TBC1	1/1/2032	Serial	1.950	1,090,000	-	195,000	895,000	2
60416TBD9	7/1/2032	Serial	1.950	1,110,000	-	200,000	910,000	2
60416TBE7	7/1/2035	Term (a)	2.100	7,100,000	-	1,145,000	5,955,000	2
60416TBF4	7/1/2040	Term (b)	2.300	13,725,000	-	2,210,000	11,515,000	2
60416TBG2	7/1/2045	Term (c)	2.450	16,595,000	-	2,670,000	13,925,000	2
60416TBH0	1/1/2051	Term (d)	2.550	21,695,000	-	3,485,000	18,210,000	2
60416TBJ6	1/1/2051	Term (e)	3.000	41,135,000	-	5,730,000	35,405,000	1
				$ 109,370,000	$ 150,000	$ 16,680,000	$ 92,540,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series F and 2020 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series G PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2030 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin January 1, 2036.
(c): Sinking fund redemptions begin January 1, 2041.
(d): Sinking fund redemptions begin January 1, 2046.
(e): Sinking fund redemptions begin January 1, 2025

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2020 Series H AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TBK3	7/1/2021	Serial	0.250	$ 620,000	$ 615,000	$ 5,000	$ -	N/A
60416TBL1	1/1/2022	Serial	0.300	890,000	855,000	35,000	-	N/A
60416TBM9	7/1/2022	Serial	0.375	1,400,000	1,285,000	115,000	-	N/A
60416TBN7	1/1/2023	Serial	0.550	1,410,000	-	130,000	1,280,000	2
60416TBP2	7/1/2023	Serial	0.660	1,415,000	-	135,000	1,280,000	2
60416TBQ0	1/1/2024	Serial	0.650	1,430,000	-	140,000	1,290,000	2
60416TBR8	7/1/2024	Serial	0.700	1,440,000	-	145,000	1,295,000	2
60416TBS6	1/1/2025	Serial	0.800	1,450,000	-	150,000	1,300,000	2
60416TBT4	7/1/2025	Serial	0.850	1,460,000	-	150,000	1,310,000	2
60416TBU1	1/1/2026	Serial	1.000	955,000	-	75,000	880,000	2
60416TBV9	7/1/2026	Serial	1.100	965,000	-	80,000	885,000	2
60416TBW7	1/1/2027	Serial	1.200	975,000	-	90,000	885,000	2
60416TBX5	7/1/2027	Serial	1.350	985,000	-	90,000	895,000	2
60416TBY3	1/1/2028	Serial	1.450	995,000	-	100,000	895,000	2
60416TBZ0	7/1/2028	Serial	1.500	135,000	-	10,000	125,000	2
				$ 16,525,000	$ 2,755,000	$ 1,450,000	$ 12,320,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series H and 2020 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series I PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2030 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2020 Series I

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TCA4	7/1/2021	Serial	0.150	$ 500,000	$ 495,000	$ 5,000	$ -	N/A
60416TCB2	1/1/2022	Serial	0.200	500,000	480,000	20,000	-	N/A
60416TCC0	7/1/2028	Serial	1.150	875,000	-	70,000	805,000	2
60416TCD8	1/1/2029	Serial	1.300	1,020,000	-	75,000	945,000	2
60416TCE6	7/1/2029	Serial	1.350	1,035,000	-	85,000	950,000	2
60416TCF3	1/1/2030	Serial	1.450	1,050,000	-	95,000	955,000	2
60416TCG1	7/1/2030	Serial	1.550	1,065,000	-	95,000	970,000	2
60416TCH9	1/1/2031	Serial	1.700	1,080,000	-	110,000	970,000	2
60416TCJ5	7/1/2031	Serial	1.700	1,095,000	-	120,000	975,000	2
60416TCK2	1/1/2032	Serial	1.750	1,115,000	-	120,000	995,000	2
60416TCL0	7/1/2032	Serial	1.800	1,130,000	-	125,000	1,005,000	2
60416TCM8	7/1/2035	Term (a)	1.875	7,165,000	-	675,000	6,490,000	2
60416TCN6	7/1/2040	Term (b)	2.000	13,605,000	-	1,285,000	12,320,000	2
60416TCP1	7/1/2045	Term (c)	2.150	16,145,000	-	1,520,000	14,625,000	2
60416TCQ9	1/1/2051	Term (d)	2.200	21,600,000	-	2,020,000	19,580,000	2
60416TCR7	1/1/2051	Term (e)	3.000	39,495,000	-	4,235,000	35,260,000	1
				$ 108,475,000	$ 975,000	$ 10,655,000	$ 96,845,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series H and 2020 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series I PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2030 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin January 1, 2036.
(c): Sinking fund redemptions begin January 1, 2041.
(d): Sinking fund redemptions begin January 1, 2046.
(e): Sinking fund redemptions begin January 1, 2026

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2021 Series A AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TCT3	1/1/2022	Serial	0.250	$ 915,000	$ 915,000	$ -	$ -	N/A
60416TCU0	7/1/2022	Serial	0.300	1,275,000	1,240,000	35,000	-	N/A
60416TCV8	1/1/2023	Serial	0.400	1,285,000	-	50,000	1,235,000	2
60416TCW6	7/1/2023	Serial	0.500	1,295,000	-	55,000	1,240,000	2
60416TCX4	1/1/2024	Serial	0.625	1,305,000	-	55,000	1,250,000	2
60416TCY2	7/1/2024	Serial	0.750	1,315,000	-	55,000	1,260,000	2
60416TCZ9	1/1/2025	Serial	0.850	1,330,000	-	65,000	1,265,000	2
60416TDA3	7/1/2025	Serial	0.875	845,000	-	25,000	820,000	2
60416TDB1	1/1/2026	Serial	1.100	905,000	-	25,000	880,000	2
60416TDC9	7/1/2026	Serial	1.125	1,375,000	-	70,000	1,305,000	2
60416TDD7	1/1/2027	Serial	1.350	1,390,000	-	75,000	1,315,000	2
60416TDE5	7/1/2027	Serial	1.400	1,405,000	-	75,000	1,330,000	2
60416TDF2	1/1/2028	Serial	1.550	1,425,000	-	80,000	1,345,000	2
60416TDG0	7/1/2028	Serial	1.600	1,445,000	-	85,000	1,360,000	2
60416TDH8	1/1/2029	Serial	1.750	1,465,000	-	90,000	1,375,000	2
60416TDJ4	7/1/2029	Serial	1.800	1,485,000	-	90,000	1,395,000	2
60416TDK1	1/1/2030	Serial	1.900	1,505,000	-	90,000	1,415,000	2
60416TDL9	7/1/2030	Serial	1.950	1,095,000	-	30,000	1,065,000	2
				$ 23,060,000	$ 2,155,000	$ 1,050,000	$ 19,855,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series A and 2021 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series B PAC Term bonds maturing July 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2030 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2021 Series B Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TDM7	1/1/2022	Serial	0.150	$ 350,000	$ 350,000	$ -	$ -	N/A
60416TDN5	7/1/2025	Serial	0.600	500,000	-	15,000	485,000	2
60416TDP0	1/1/2026	Serial	0.800	455,000	-	15,000	440,000	2
60416TDQ8	7/1/2030	Serial	1.650	435,000	-	15,000	420,000	2
60416TDR8	1/1/2031	Serial	1.800	950,000	-	25,000	925,000	2
60416TDS4	7/1/2031	Serial	1.850	965,000	-	40,000	925,000	2
60416TDT2	1/1/2032	Serial	1.950	980,000	-	45,000	935,000	2
60416TDU9	7/1/2032	Serial	1.950	995,000	-	55,000	940,000	2
60416TDV7	1/1/2033	Serial	2.000	1,010,000	-	65,000	945,000	2
60416TDW5	7/1/2033	Serial	2.050	1,025,000	-	75,000	950,000	2
60416TDX3	7/1/2036	Term (a)	2.100	6,535,000	-	310,000	6,225,000	2
60416TDY1	7/1/2041	Term (b)	2.300	12,520,000	-	585,000	11,935,000	2
60416TDZ8	7/1/2046	Term (c)	2.450	14,960,000	-	710,000	14,250,000	2
60416TDA2	7/1/2051	Term (d)	2.500	21,325,000	-	1,005,000	20,320,000	2
60416TDB0	7/1/2051	Term (e)	3.000	38,935,000	-	3,510,000	35,425,000	1
				$ 101,940,000	$ 350,000	$ 6,470,000	$ 95,120,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series A and 2021 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series B PAC Term bonds maturing July 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2030 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2034.
(b): Sinking fund redemptions begin January 1, 2037.
(c): Sinking fund redemptions begin January 1, 2042.
(d): Sinking fund redemptions begin January 1, 2047.
(e): Sinking fund redemptions begin January 1, 2031

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2021 Series C AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TEE4	1/1/2022	Serial	0.200	$ 500,000	$ 495,000	$ 5,000	$ -	N/A
60416TEF1	7/1/2022	Serial	0.250	550,000	525,000	25,000	-	N/A
60416TEG9	1/1/2023	Serial	0.400	2,360,000	-	135,000	2,225,000	2
60416TEH7	7/1/2023	Serial	0.450	2,375,000	-	135,000	2,240,000	2
60416TEJ3	1/1/2024	Serial	0.600	2,390,000	-	135,000	2,255,000	2
60416TEK0	7/1/2024	Serial	0.700	2,405,000	-	140,000	2,265,000	2
60416TEL8	1/1/2025	Serial	0.800	2,425,000	-	150,000	2,275,000	2
60416TEM6	7/1/2025	Serial	0.875	2,445,000	-	155,000	2,290,000	2
60416TEN4	1/1/2026	Serial	0.950	2,465,000	-	155,000	2,310,000	2
60416TEP9	7/1/2026	Serial	1.050	2,485,000	-	160,000	2,325,000	2
60416TEQ7	1/1/2027	Serial	1.200	1,110,000	-	75,000	1,035,000	2
60416TER5	7/1/2027	Serial	1.300	1,485,000	-	95,000	1,390,000	2
60416TES3	1/1/2028	Serial	1.450	1,025,000	-	65,000	960,000	2
				$ 24,020,000	$ 1,020,000	$ 1,430,000	$ 21,570,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series C and 2021 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series D PAC Term bonds maturing January 1, 2052 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2030 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2021 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TET1	1/1/2022	Serial	0.150	$ 1,065,000	$ 1,050,000	$ 15,000	$ -	N/A
60416TEU8	7/1/2022	Serial	0.200	1,795,000	1,705,000	90,000	-	N/A
60416TEV6	1/1/2027	Serial	0.950	1,400,000	-	80,000	1,320,000	2
60416TEW4	7/1/2027	Serial	1.050	1,050,000	-	65,000	985,000	2
60416TEX2	1/1/2028	Serial	1.200	585,000	-	35,000	550,000	2
60416TEY0	7/1/2028	Serial	1.300	1,625,000	-	85,000	1,540,000	2
60416TEZ7	1/1/2029	Serial	1.400	1,640,000	-	95,000	1,545,000	2
60416TFA1	7/1/2029	Serial	1.500	1,660,000	-	100,000	1,560,000	2
60416TFB9	1/1/2030	Serial	1.600	1,680,000	-	100,000	1,580,000	2
60416TFC7	7/1/2030	Serial	1.650	1,700,000	-	105,000	1,595,000	2
60416TFD5	1/1/2031	Serial	1.800	1,720,000	-	105,000	1,615,000	2
60416TFE3	7/1/2031	Serial	1.850	1,740,000	-	110,000	1,630,000	2
60416TFF0	1/1/2032	Serial	1.950	1,760,000	-	115,000	1,645,000	2
60416TFG8	7/1/2032	Serial	2.000	1,785,000	-	120,000	1,665,000	2
60416TFH6	7/1/2036	Term (a)	2.000	15,195,000	-	930,000	14,265,000	2
60416TFJ2	7/1/2041	Term (b)	2.200	20,300,000	-	1,235,000	19,065,000	2
60416TFK9	7/1/2046	Term (c)	2.375	16,975,000	-	1,025,000	15,950,000	2
60416TFL7	1/1/2052	Term (d)	2.450	24,720,000	-	1,500,000	23,220,000	2
60416TFM5	1/1/2052	Term (e)	3.000	55,750,000	-	4,495,000	51,255,000	1
				$ 154,145,000	$ 2,755,000	$ 10,405,000	$ 140,985,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series C and 2021 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series D PAC Term bonds maturing January 1, 2052 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2030 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin January 1, 2037.
(c): Sinking fund redemptions begin January 1, 2042.
(d): Sinking fund redemptions begin January 1, 2047.
(e): Sinking fund redemptions begin January 1, 2028.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2021 Series E AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TFN3	1/1/2022	Serial	0.150	$ 130,000	$ 130,000	$ -	$ -	N/A
60416TFP8	7/1/2022	Serial	0.150	1,225,000	1,200,000	25,000	-	N/A
60416TFQ6	1/1/2023	Serial	0.250	1,590,000	-	25,000	1,565,000	2
60416TFR4	7/1/2023	Serial	0.300	1,600,000	-	30,000	1,570,000	2
60416TFS2	1/1/2024	Serial	0.450	1,390,000	-	25,000	1,365,000	2
60416TFT0	7/1/2024	Serial	0.550	1,620,000	-	35,000	1,585,000	2
60416TFU7	1/1/2025	Serial	0.700	1,635,000	-	55,000	1,580,000	2
60416TFV5	7/1/2025	Serial	0.750	1,650,000	-	65,000	1,585,000	2
60416TFW3	1/1/2026	Serial	0.900	1,660,000	-	65,000	1,595,000	2
60416TFX1	7/1/2026	Serial	0.950	1,315,000	-	25,000	1,290,000	2
60416TFY9	1/1/2027	Serial	1.100	1,695,000	-	65,000	1,630,000	2
60416TFZ6	7/1/2027	Serial	1.250	185,000	-	-	185,000	2
				$ 15,695,000	$ 1,330,000	$ 415,000	$ 13,950,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series E and 2021 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2031 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of December 31, 2022

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2021 Series F Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TGA0	1/1/2022	Serial	0.125	$ 70,000	$ 70,000	$ -	$ -	N/A
60416TGB8	7/1/2022	Serial	0.125	220,000	220,000	-	-	N/A
60416TGC6	1/1/2024	Serial	0.300	220,000	-	-	220,000	2
60416TGD4	7/1/2026	Serial	0.625	360,000	-	-	360,000	2
60416TGE2	7/1/2027	Serial	0.900	1,455,000	-	30,000	1,425,000	2
60416TGF9	1/1/2028	Serial	1.050	1,730,000	-	35,000	1,695,000	2
60416TGG7	7/1/2028	Serial	1.100	1,750,000	-	40,000	1,710,000	2
60416TGH5	1/1/2029	Serial	1.250	1,770,000	-	40,000	1,730,000	2
60416TGJ1	7/1/2029	Serial	1.350	1,790,000	-	40,000	1,750,000	2
60416TGK8	1/1/2030	Serial	1.500	1,815,000	-	45,000	1,770,000	2
60416TGL6	7/1/2030	Serial	1.600	1,840,000	-	55,000	1,785,000	2
60416TGM4	1/1/2031	Serial	1.650	1,865,000	-	60,000	1,805,000	2
60416TGN2	7/1/2031	Serial	1.700	1,890,000	-	65,000	1,825,000	2
60416TGP7	1/1/2032	Serial	1.800	1,915,000	-	65,000	1,850,000	2
60416TGQ5	7/1/2032	Serial	1.850	1,945,000	-	65,000	1,880,000	2
60416TGR3	1/1/2033	Serial	1.900	1,975,000	-	65,000	1,910,000	2
60416TGS1	7/1/2033	Serial	1.900	2,005,000	-	65,000	1,940,000	2
60416TGT9	7/1/2036	Term (a)	2.000	12,700,000	-	335,000	12,365,000	2
60416TGU6	7/1/2041	Term (b)	2.250	24,140,000	-	650,000	23,490,000	2
60416TGV4	7/1/2046	Term (c)	2.400	26,470,000	-	715,000	25,755,000	2
60416TGW2	7/1/2052	Term (d)	3.000	46,380,000	-	2,235,000	44,145,000	1
				$ 134,305,000	$ 290,000	$ 4,605,000	$ 129,410,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series E and 2021 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2031 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2034.
(b): Sinking fund redemptions begin January 1, 2037.
(c): Sinking fund redemptions begin January 1, 2042.
(d): Sinking fund redemptions begin July 1, 2046.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2021 Series G AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TKK3	7/1/2022	Serial	0.250	$ 125,000	$ 120,000	$ 5,000	$ -	N/A
60416TKL1	1/1/2023	Serial	0.400	155,000	-	5,000	150,000	2
60416TKM9	7/1/2023	Serial	0.500	465,000	-	5,000	460,000	2
60416TKN7	1/1/2024	Serial	0.700	470,000	-	5,000	465,000	2
60416TKP2	7/1/2024	Serial	0.750	480,000	-	-	480,000	2
60416TKQ0	1/1/2025	Serial	0.900	490,000	-	-	490,000	2
60416TKR8	7/1/2025	Serial	1.000	745,000	-	5,000	740,000	2
60416TKS6	1/1/2026	Serial	1.150	755,000	-	5,000	750,000	2
60416TKT4	7/1/2026	Serial	1.250	500,000	-	5,000	495,000	2
60416TKU1	1/1/2027	Serial	1.350	375,000	-	-	375,000	2
60416TKV9	7/1/2027	Serial	1.500	790,000	-	10,000	780,000	2
60416TKW7	1/1/2028	Serial	1.650	805,000	-	15,000	790,000	2
60416TKX5	7/1/2028	Serial	1.750	820,000	-	15,000	805,000	2
60416TKY3	1/1/2029	Serial	1.850	830,000	-	15,000	815,000	2
60416TKZ0	7/1/2029	Serial	1.950	845,000	-	15,000	830,000	2
60416TLA4	1/1/2030	Serial	2.000	860,000	-	15,000	845,000	2
60416TLB2	7/1/2030	Serial	2.100	870,000	-	20,000	850,000	2
60416TLC0	1/1/2031	Serial	2.200	1,965,000	-	25,000	1,940,000	2
60416TLD8	7/1/2031	Serial	2.250	2,000,000	-	25,000	1,975,000	2
60416TLE6	1/1/2032	Serial	2.300	2,030,000	-	25,000	2,005,000	2
60416TLF3	7/1/2032	Serial	2.300	2,065,000	-	25,000	2,040,000	2
60416TLG1	1/1/2033	Serial	2.350	2,095,000	-	25,000	2,070,000	2
60416TLH9	7/1/2033	Serial	2.400	2,155,000	-	25,000	2,130,000	2
				$ 22,690,000	$ 120,000	$ 290,000	$ 22,280,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series G, Series H and 2021 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series D PAC Term bonds maturing July 1, 2052 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2031 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2021 Series H Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TLK2	7/1/2022	Serial	0.250	$ 125,000	$ 125,000	$ -	$ -	N/A
60416TLL0	1/1/2023	Serial	0.350	150,000	-	-	150,000	2
60416TLM8	7/1/2026	Serial	0.900	265,000	-	-	265,000	2
60416TLN6	1/1/2027	Serial	1.000	405,000	-	10,000	395,000	2
60416TLP1	7/1/2036	Term (a)	2.150	14,510,000	-	185,000	14,325,000	2
60416TLQ9	7/1/2041	Term (b)	2.350	29,435,000	-	380,000	29,055,000	2
60416TLR7	1/1/2046	Term (c)	2.550	30,440,000	-	395,000	30,045,000	2
60416TLS5	7/1/2052	Term (d)	3.000	51,980,000	-	890,000	51,090,000	1
				$ 127,310,000	$ 125,000	$ 1,860,000	$ 125,325,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series G, Series H and 2021 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2031 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2034.
(b): Sinking fund redemptions begin January 1, 2037.
(c): Sinking fund redemptions begin January 1, 2042.
(d): Sinking fund redemptions begin January 1, 2046.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2021 Series I Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TLT4	7/1/2022	Serial	0.670	$ 915,000	$ 915,000	$ -	$ -	N/A
60416TLU0	1/1/2023	Serial	0.770	1,580,000	-	-	1,580,000	2
60416TLV8	7/1/2023	Serial	0.870	1,435,000	-	-	1,435,000	2
60416TLW6	1/1/2024	Serial	1.190	1,445,000	-	-	1,445,000	2
60416TLX4	7/1/2024	Serial	1.240	1,450,000	-	-	1,450,000	2
60416TLY2	1/1/2025	Serial	1.480	1,455,000	-	-	1,455,000	2
60416TLZ9	7/1/2025	Serial	1.550	1,220,000	-	-	1,220,000	2
60416TMA3	1/1/2026	Serial	1.620	1,230,000	-	-	1,230,000	2
60416TMB1	7/1/2026	Serial	1.710	1,240,000	-	-	1,240,000	2
60416TMC9	1/1/2027	Serial	1.770	1,245,000	-	-	1,245,000	2
60416TMD7	7/1/2027	Serial	1.870	1,260,000	-	-	1,260,000	2
60416TME5	1/1/2028	Serial	1.980	1,265,000	-	-	1,265,000	2
60416TMF2	7/1/2028	Serial	2.050	1,280,000	-	-	1,280,000	2
60416TMG0	1/1/2029	Serial	2.120	1,295,000	-	-	1,295,000	2
60416TMH8	7/1/2029	Serial	2.140	1,310,000	-	-	1,310,000	2
60416TMJ4	1/1/2030	Serial	2.190	1,325,000	-	-	1,325,000	2
60416TMK1	7/1/2030	Serial	2.240	1,350,000	-	-	1,350,000	2
60416TML9	1/1/2035	Term (a)	2.770	2,700,000	-	-	2,700,000	2
				$ 25,000,000	$ 915,000	$ -	$ 24,085,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series G, Series H and 2021 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2031 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2031.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series A

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TNF1	7/1/2022	Serial	0.700	$ 45,000	$ 45,000	$ -	$ -	N/A
60416TNG9	1/1/2023	Serial	0.800	60,000	-	-	60,000	2
60416TNH7	7/1/2023	Serial	0.900	85,000	-	-	85,000	2
60416TNJ3	1/1/2024	Serial	1.050	90,000	-	-	90,000	2
60416TNK0	7/1/2024	Serial	1.150	135,000	-	-	135,000	2
60416TNL8	1/1/2025	Serial	1.300	135,000	-	-	135,000	2
60416TNM6	7/1/2025	Serial	1.400	185,000	-	-	185,000	2
60416TNN4	1/1/2026	Serial	1.500	190,000	-	-	190,000	2
60416TNP9	7/1/2026	Serial	1.600	200,000	-	-	200,000	2
60416TNQ7	1/1/2027	Serial	1.650	205,000	-	-	205,000	2
60416TNR5	7/1/2027	Serial	1.750	250,000	-	-	250,000	2
60416TNS3	1/1/2028	Serial	1.850	255,000	-	-	255,000	2
60416TNT1	7/1/2028	Serial	1.950	295,000	-	-	295,000	2
60416TNU8	1/1/2029	Serial	2.000	300,000	-	-	300,000	2
60416TNV6	7/1/2029	Serial	2.050	305,000	-	5,000	300,000	2
60416TNW4	1/1/2030	Serial	2.200	310,000	-	5,000	305,000	2
60416TNX2	7/1/2030	Serial	2.250	325,000	-	5,000	320,000	2
60416TNY0	1/1/2031	Serial	2.300	330,000	-	5,000	325,000	2
60416TNZ7	7/1/2031	Serial	2.300	1,540,000	-	5,000	1,535,000	2
60416TPA0	1/1/2032	Serial	2.350	1,650,000	-	5,000	1,645,000	2
60416TPB8	7/1/2032	Serial	2.400	1,645,000	-	5,000	1,640,000	2
60416TPC6	1/1/2033	Serial	2.450	1,645,000	-	5,000	1,640,000	2
60416TPD4	7/1/2033	Serial	2.450	1,645,000	-	5,000	1,640,000	2
60416TPE2	1/1/2034	Serial	2.500	1,645,000	-	5,000	1,640,000	2
60416TPF9	7/1/2034	Serial	2.550	1,645,000	-	5,000	1,640,000	2
60416TPG7	7/1/2037	Term (a)	2.600	9,870,000	-	35,000	9,835,000	2
60416TPH5	7/1/2042	Term (b)	2.750	16,630,000	-	60,000	16,570,000	3
60416TPJ1	1/1/2045	Term (c)	2.900	7,270,000	-	30,000	7,240,000	2
60416TPK8	7/1/2052	Term (d)	3.000	26,115,000	-	475,000	25,640,000	1
				$ 75,000,000	$ 45,000	$ 655,000	$ 74,300,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series A and 2022 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series A PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2031 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2035.
(b): Sinking fund redemptions begin January 1, 2038.
(c): Sinking fund redemptions begin January 1, 2043.
(d): Sinking fund redemptions begin January 1, 2045.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series B

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TMM7	7/1/2022	Serial	1.050	$ 410,000	$ 410,000	$ -	$ -	N/A
60416TMN5	1/1/2023	Serial	1.150	1,300,000	-	-	1,300,000	2
60416TMP0	7/1/2023	Serial	1.300	1,390,000	-	-	1,390,000	2
60416TMQ8	1/1/2024	Serial	1.420	1,495,000	-	-	1,495,000	2
60416TMR6	7/1/2024	Serial	1.570	1,560,000	-	-	1,560,000	2
60416TMS4	1/1/2025	Serial	1.700	1,610,000	-	-	1,610,000	2
60416TMT2	7/1/2025	Serial	1.800	1,550,000	-	-	1,550,000	2
60416TMU9	1/1/2026	Serial	1.920	1,535,000	-	-	1,535,000	2
60416TMV7	7/1/2026	Serial	2.000	1,515,000	-	-	1,515,000	2
60416TMW5	1/1/2027	Serial	2.125	1,500,000	-	-	1,500,000	2
60416TMVX3	7/1/2027	Serial	2.180	1,445,000	-	-	1,445,000	2
60416TMY1	1/1/2028	Serial	2.300	1,430,000	-	-	1,430,000	2
60416TMZ8	7/1/2028	Serial	2.350	1,385,000	-	-	1,385,000	2
60416TNA2	1/1/2029	Serial	2.400	1,375,000	-	-	1,375,000	2
60416TNB0	7/1/2029	Serial	2.430	1,365,000	-	-	1,365,000	2
60416TNC8	1/1/2030	Serial	2.500	1,355,000	-	-	1,355,000	2
60416TND6	7/1/2030	Serial	2.530	1,335,000	-	-	1,335,000	2
60416TNE4	1/1/2031	Serial	2.570	1,435,000	-	-	1,435,000	2
				$ 24,990,000	$ 410,000	$ -	$ 24,580,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series A and 2022 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series A PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2031 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of December 31, 2022

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series C Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TPN2	1/1/2023	Serial	0.950	$ 1,550,000	-	$ 10,000	$ 1,540,000	2
60416TPP7	7/1/2023	Serial	1.125	1,660,000	-	10,000	1,650,000	2
60416TPQ5	1/1/2024	Serial	1.300	1,770,000	-	10,000	1,760,000	2
60416TPR3	7/1/2024	Serial	1.400	1,875,000	-	10,000	1,865,000	2
60416TPS1	1/1/2025	Serial	1.550	1,950,000	-	15,000	1,935,000	2
60416TPT9	7/1/2025	Serial	1.600	1,960,000	-	15,000	1,945,000	2
60416TPU6	1/1/2026	Serial	1.700	1,965,000	-	15,000	1,950,000	2
60416TPV4	7/1/2026	Serial	1.850	1,975,000	-	15,000	1,960,000	2
60416TPW2	1/1/2027	Serial	1.900	1,985,000	-	15,000	1,970,000	2
60416TPX0	7/1/2027	Serial	2.000	1,995,000	-	15,000	1,980,000	2
60416TPY8	1/1/2028	Serial	2.100	2,010,000	-	15,000	1,995,000	2
60416TPZ5	7/1/2028	Serial	2.150	535,000	-	5,000	530,000	2
60416TQA9	1/1/2029	Serial	2.200	335,000	-	-	335,000	2
60416TQB7	7/1/2029	Serial	2.250	380,000	-	-	380,000	2
60416TQC5	1/1/2030	Serial	2.300	385,000	-	-	385,000	2
60416TQD3	7/1/2030	Serial	2.375	400,000	-	-	400,000	2
60416TQE1	1/1/2031	Serial	2.450	405,000	-	5,000	400,000	2
60416TQF8	7/1/2031	Serial	2.550	1,495,000	-	10,000	1,485,000	2
60416TQG6	1/1/2032	Serial	2.600	1,505,000	-	10,000	1,495,000	2
60416TQH4	7/1/2032	Serial	2.600	1,520,000	-	10,000	1,510,000	2
60416TQJ0	1/1/2033	Serial	2.650	1,530,000	-	10,000	1,520,000	2
60416TQK7	7/1/2033	Serial	2.700	1,545,000	-	10,000	1,535,000	2
60416TQL5	1/1/2034	Serial	2.750	1,560,000	-	10,000	1,550,000	2
60416TQM3	7/1/2034	Serial	2.750	1,570,000	-	10,000	1,560,000	2
60416TQN1	7/1/2037	Term (a)	2.875	9,735,000	-	65,000	9,670,000	2
60416TQP6	7/1/2043	Term (b)	3.000	20,245,000	-	135,000	20,110,000	2
60416TQQ4	7/1/2052	Term (c)	3.500	36,160,000	-	745,000	35,415,000	1
				$ 100,000,000	$ -	$ 1,170,000	$ 98,830,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series C and 2022 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series C PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2031 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2035.
(b): Sinking fund redemptions begin January 1, 2038.
(c): Sinking fund redemptions begin July 1, 2043.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2022 Series D

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TPL6	7/1/2052	Term(a)	Variable*	$ 50,000,000	$ -	$ 720,000	$ 49,280,000	2
				$ 50,000,000	$ -	$ 720,000	$ 49,280,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series C and 2022 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series C PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: March 17, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2028.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 4.35%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series E Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416TQU5	7/1/2023	Serial	2.498	$ 1,920,000	-	$ 10,000	$ 1,910,000	None
60416TQV3	1/1/2024	Serial	2.698	2,255,000	-	15,000	2,240,000	None
60416TQW1	7/1/2024	Serial	2.868	2,670,000	-	15,000	2,655,000	None
60416TQX9	1/1/2025	Serial	3.075	3,065,000	-	20,000	3,045,000	None
60416TQY7	7/1/2025	Serial	3.185	3,315,000	-	25,000	3,290,000	None
60416TQZ4	1/1/2026	Serial	3.320	3,280,000	-	25,000	3,255,000	None
60416TRA8	7/1/2026	Serial	3.390	3,235,000	-	25,000	3,210,000	None
60416TRB6	1/1/2027	Serial	3.470	3,190,000	-	20,000	3,170,000	None
60416TRC4	7/1/2027	Serial	3.520	3,145,000	-	20,000	3,125,000	None
60416TRD2	1/1/2028	Serial	3.644	3,105,000	-	20,000	3,085,000	None
60416TRE0	7/1/2028	Serial	3.694	3,065,000	-	20,000	3,045,000	None
60416TRF7	1/1/2029	Serial	3.744	3,025,000	-	15,000	3,010,000	None
60416TRG5	7/1/2029	Serial	3.794	2,985,000	-	15,000	2,970,000	None
60416TRM2	1/1/2032	Serial	4.065	2,815,000	-	15,000	2,800,000	None
60416TRN0	7/1/2032	Serial	4.135	2,785,000	-	15,000	2,770,000	None
60416TRP5	1/1/2033	Serial	4.185	2,755,000	-	15,000	2,740,000	None
60416TRQ3	7/1/2033	Serial	4.235	2,735,000	-	15,000	2,720,000	None
60416TRJ9	7/1/2030	Term (a)	3.935	5,865,000	-	40,000	5,825,000	None
60416TRL4	7/1/2031	Term (b)	4.035	5,730,000	-	35,000	5,695,000	None
60416TRR1	7/1/2037	Term (c)	4.565	21,155,000	-	130,000	21,025,000	None
60416TRS9	7/1/2041	Term (d)	4.707	17,905,000	-	110,000	17,795,000	None
				$ 100,000,000	$ -	$ 620,000	$ 99,380,000	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series E and 2022 Series F, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2030.
(b): Sinking fund redemptions begin January 1, 2031.
(c): Sinking fund redemptions begin January 1, 2034.
(d): Sinking fund redemptions begin January 1, 2038.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series F Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416TQS0	7/1/2052	Term(a)	Variable*	$ 50,000,000	$ -	$ -	$ 50,000,000	None
				$ 50,000,000	$ -	$ -	$ 50,000,000	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series E and 2022 Series F, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: May 12, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2041.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 4.35%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series G Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TRU4	7/1/2023	Serial	2.884	$ 1,090,000	-	$ -	$ 1,090,000	2
60416TRV2	1/1/2024	Serial	3.024	1,110,000	-	-	1,110,000	2
60416TRW0	7/1/2024	Serial	3.174	1,130,000	-	-	1,130,000	2
60416TRX8	1/1/2025	Serial	3.418	1,155,000	-	-	1,155,000	2
60416TRY6	7/1/2025	Serial	3.478	1,180,000	-	-	1,180,000	2
60416TRZ3	1/1/2026	Serial	3.647	1,205,000	-	-	1,205,000	2
60416TSA7	7/1/2026	Serial	3.727	1,230,000	-	-	1,230,000	2
60416TSB5	1/1/2027	Serial	3.777	1,255,000	-	-	1,255,000	2
60416TSC3	7/1/2027	Serial	3.827	1,285,000	-	-	1,285,000	2
60416TSD1	1/1/2028	Serial	3.918	1,315,000	-	-	1,315,000	2
60416TSE9	7/1/2028	Serial	4.018	1,345,000	-	-	1,345,000	2
60416TSF6	1/1/2029	Serial	4.088	1,380,000	-	-	1,380,000	2
60416TSG4	7/1/2029	Serial	4.188	1,410,000	-	-	1,410,000	2
60416TSH2	1/1/2030	Serial	4.275	1,445,000	-	-	1,445,000	2
60416TSJ8	7/1/2030	Serial	4.325	1,485,000	-	-	1,485,000	2
60416TSK5	1/1/2031	Serial	4.375	1,520,000	-	-	1,520,000	2
60416TSL3	7/1/2031	Serial	4.425	1,560,000	-	-	1,560,000	2
60416TSM1	1/1/2032	Serial	4.445	1,600,000	-	-	1,600,000	2
60416TSN9	7/1/2032	Serial	4.495	1,645,000	-	-	1,645,000	2
60416TSP4	1/1/2033	Serial	4.555	1,685,000	-	-	1,685,000	2
60416TSQ2	7/1/2033	Serial	4.595	1,735,000	-	-	1,735,000	2
60416TSR0	1/1/2034	Serial	4.655	1,780,000	-	-	1,780,000	2
60416TSS8	7/1/2034	Serial	4.705	1,830,000	-	-	1,830,000	2
60416TST6	7/1/2037	Term (a)	4.825	12,100,000	-	-	12,100,000	2
60416TSU3	1/1/2039	Term (b)	4.947	6,675,000	-	-	6,675,000	2
60416TSV1	1/1/2047	Term (c)	4.337	48,850,000	-	-	48,850,000	1
				$ 100,000,000	$ -	$ -	$ 100,000,000	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series G and 2022 Series H, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series G PAC Term bonds maturing January 1, 2047. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2035.
(b): Sinking fund redemptions begin January 1, 2038.
(c): Sinking fund redemptions begin January 1, 2039.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series H Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TRT7	7/1/2052	Term(a)	Variable*	$ 50,000,000	$ -	$ -	$ 50,000,000	2
				$ 50,000,000	$ -	$ -	$ 50,000,000	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series G and 2022 Series H, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series G PAC Term bonds maturing January 1, 2047. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 7, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2047.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 4.35%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series I Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TUX4	7/1/2023	Serial	2.450	$ 100,000	-	$ -	$ 100,000	2
60416TUY2	1/1/2024	Serial	2.500	235,000	-	-	235,000	2
60416TUZ9	7/1/2024	Serial	2.600	340,000	-	-	340,000	2
60416TVA3	1/1/2025	Serial	2.650	350,000	-	-	350,000	2
60416TVB1	7/1/2025	Serial	2.700	355,000	-	-	355,000	2
60416TVC9	1/1/2026	Serial	2.850	360,000	-	-	360,000	2
60416TVD7	7/1/2026	Serial	2.900	370,000	-	-	370,000	2
60416TVE5	1/1/2027	Serial	3.000	375,000	-	-	375,000	2
60416TVF2	7/1/2027	Serial	3.100	380,000	-	-	380,000	2
60416TVG0	1/1/2028	Serial	3.150	390,000	-	-	390,000	2
60416TVH8	7/1/2028	Serial	3.200	395,000	-	-	395,000	2
60416TVJ4	1/1/2029	Serial	3.300	400,000	-	-	400,000	2
60416TVK1	7/1/2029	Serial	3.350	410,000	-	-	410,000	2
60416TVL9	1/1/2030	Serial	3.450	420,000	-	-	420,000	2
60416TVM7	7/1/2030	Serial	3.500	425,000	-	-	425,000	2
60416TVN5	1/1/2031	Serial	3.700	435,000	-	-	435,000	2
60416TVP0	7/1/2031	Serial	3.750	445,000	-	-	445,000	2
60416TVQ8	1/1/2032	Serial	3.850	455,000	-	-	455,000	2
60416TVR6	7/1/2032	Serial	3.900	465,000	-	-	465,000	2
60416TVS4	1/1/2033	Serial	4.000	475,000	-	-	475,000	2
60416TVT2	7/1/2033	Serial	4.000	485,000	-	-	485,000	2
60416TVU9	1/1/2034	Serial	4.100	495,000	-	-	495,000	2
60416TVV7	7/1/2034	Serial	4.125	510,000	-	-	510,000	2
60416TVW6	1/1/2035	Serial	4.500	520,000	-	-	520,000	2
60416TVX3	7/1/2035	Serial	4.200	125,000	-	-	125,000	2
60416TVY1	7/1/2053	Term (a)	5.000	30,285,000	-	-	30,285,000	1
				$ 40,000,000	$ -	$ -	$ 40,000,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series I, Series J, and Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series I PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2035.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series J Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TVZ8	1/1/2024	Serial	4.058	$ 510,000	-	$ -	$ 510,000	2
60416TWA2	7/1/2024	Serial	4.108	525,000	-	-	525,000	2
60416TWB0	1/1/2025	Serial	4.169	525,000	-	-	525,000	2
60416TWC8	7/1/2025	Serial	4.219	535,000	-	-	535,000	2
60416TWD6	1/1/2026	Serial	4.241	545,000	-	-	545,000	2
60416TWE4	7/1/2026	Serial	4.321	550,000	-	-	550,000	2
60416TWF1	1/1/2027	Serial	4.341	560,000	-	-	560,000	2
60416TWG9	7/1/2027	Serial	4.421	570,000	-	-	570,000	2
60416TWH7	1/1/2028	Serial	4.433	580,000	-	-	580,000	2
60416TWJ3	7/1/2028	Serial	4.483	590,000	-	-	590,000	2
60416TWK0	1/1/2029	Serial	4.533	605,000	-	-	605,000	2
60416TWL8	7/1/2029	Serial	4.583	615,000	-	-	615,000	2
60416TWM6	1/1/2030	Serial	4.623	625,000	-	-	625,000	2
60416TWN4	7/1/2030	Serial	4.673	640,000	-	-	640,000	2
60416TWP9	1/1/2031	Serial	4.773	655,000	-	-	655,000	2
60416TWQ7	7/1/2031	Serial	4.823	665,000	-	-	665,000	2
60416TWR5	1/1/2032	Serial	4.923	680,000	-	-	680,000	2
60416TWS3	7/1/2032	Serial	4.973	695,000	-	-	695,000	2
60416TWT1	1/1/2033	Serial	5.023	710,000	-	-	710,000	2
60416TWW4	7/1/2034	Term (a)	5.143	2,230,000	-	-	2,230,000	2
60416TWX2	7/1/2040	Term (b)	5.163	10,680,000	-	-	10,680,000	2
60416TWY0	7/1/2045	Term (c)	5.263	10,700,000	-	-	10,700,000	2
				$ 34,990,000	$ -	$ -	$ 34,990,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series I, Series J, and Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series I PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2033.
(b): Sinking fund redemptions begin January 1, 2035.
(c): Sinking fund redemptions begin January 1, 2041.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series K Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TUV8	7/1/2053	Term(a)	Variable*	$ 25,000,000	$ -	$ -	$ 25,000,000	2
				$ 25,000,000	$ -	$ -	$ 25,000,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series I, Series J, and Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series I PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: September 29, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2045.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions.
The interest rate on December 31, 2022 was 4.35%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bonds, 2022 Series L AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TX A1	1/1/2024	Serial	3.750	$ 235,000	-	$ -	$ 235,000	2
60416TXB9	7/1/2024	Serial	3.800	475,000	-	-	475,000	2
60416TXC7	1/1/2025	Serial	4.000	785,000	-	-	785,000	2
60416TX D5	7/1/2025	Serial	4.050	805,000	-	-	805,000	2
60416TXE3	1/1/2026	Serial	4.250	815,000	-	-	815,000	2
60416TXF0	7/1/2026	Serial	4.350	835,000	-	-	835,000	2
60416TXG8	1/1/2027	Serial	4.500	850,000	-	-	850,000	2
60416TXH6	7/1/2027	Serial	4.550	865,000	-	-	865,000	2
60416TXJ2	1/1/2028	Serial	4.600	885,000	-	-	885,000	2
60416TXK9	7/1/2028	Serial	4.700	905,000	-	-	905,000	2
60416TXL7	1/1/2029	Serial	4.800	925,000	-	-	925,000	2
60416TXM5	7/1/2029	Serial	4.850	945,000	-	-	945,000	2
60416TXN3	1/1/2030	Serial	4.900	965,000	-	-	965,000	2
60416TXP8	7/1/2030	Serial	4.950	990,000	-	-	990,000	2
60416TXQ6	1/1/2031	Serial	5.000	1,010,000	-	-	1,010,000	2
60416TXR4	7/1/2031	Serial	5.050	1,035,000	-	-	1,035,000	2
60416TXS2	1/1/2032	Serial	5.050	1,060,000	-	-	1,060,000	2
60416TXT0	7/1/2032	Serial	5.100	1,085,000	-	-	1,085,000	2
60416TXU7	7/1/2036	Term (a)	5.350	8,820,000	-	-	8,820,000	2
				$ 24,290,000	$ -	$ -	$ 24,290,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series L, Series M, and Series N.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series M PAC Term bonds maturing January 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2022 Series M

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TXV5	1/1/2024	Serial	3.150	$ 525,000	-	$ -	$ 525,000	2
60416TXW3	7/1/2024	Serial	3.300	300,000	-	-	300,000	2
60416TXX1	7/1/2037	Term (a)	4.850	3,665,000	-	-	3,665,000	2
60416TXY9	7/1/2042	Term (b)	5.100	16,260,000	-	-	16,260,000	2
60416TXZ6	7/1/2045	Term (c)	5.150	11,035,000	-	-	11,035,000	2
60416TXA0	1/1/2053	Term (d)	6.000	43,925,000	-	-	43,925,000	1
				$ 75,710,000	$ -	$ -	$ 75,710,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series L, Series M, and Series N.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series M PAC Term bonds maturing January 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2036.
(b): Sinking fund redemptions begin January 1, 2038.
(c): Sinking fund redemptions begin January 1, 2043.
(d): Sinking fund redemptions begin July 1, 2045.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of December 31, 2022

Residential Housing Finance Bonds, 2022 Series N

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TYB8	1/1/2024	Serial	4.840	$ 380,000	-	$ -	$ 380,000	2
60416TYC6	7/1/2024	Serial	4.890	385,000	-	-	385,000	2
60416TYD4	1/1/2025	Serial	4.843	395,000	-	-	395,000	2
60416TYE2	7/1/2025	Serial	4.943	400,000	-	-	400,000	2
60416TYF9	1/1/2026	Serial	4.944	410,000	-	-	410,000	2
60416TYG7	7/1/2026	Serial	4.994	415,000	-	-	415,000	2
60416TYH5	1/1/2027	Serial	5.044	425,000	-	-	425,000	2
60416TYJ1	7/1/2027	Serial	5.094	435,000	-	-	435,000	2
60416TYK8	1/1/2028	Serial	5.224	445,000	-	-	445,000	2
60416TYL6	7/1/2028	Serial	5.274	455,000	-	-	455,000	2
60416TYM4	1/1/2029	Serial	5.324	460,000	-	-	460,000	2
60416TYN2	7/1/2029	Serial	5.374	475,000	-	-	475,000	2
60416TYP7	1/1/2030	Serial	5.459	485,000	-	-	485,000	2
60416TYQ5	7/1/2030	Serial	5.509	495,000	-	-	495,000	2
60416TYR3	1/1/2031	Serial	5.559	505,000	-	-	505,000	2
60416TYS1	7/1/2031	Serial	5.659	520,000	-	-	520,000	2
60416TYT9	1/1/2032	Serial	5.709	530,000	-	-	530,000	2
60416TYU6	7/1/2032	Serial	5.759	545,000	-	-	545,000	2
60416TYV4	7/1/2033	Term (a)	5.859	1,125,000	-	-	1,125,000	2
60416TYW2	7/1/2038	Term (b)	5.959	6,575,000	-	-	6,575,000	2
60416TYX0	7/1/2043	Term (c)	6.145	8,575,000	-	-	8,575,000	2
60416TYY8	7/1/2048	Term (d)	6.245	10,850,000	-	-	10,850,000	2
60416TYZ5	7/1/2053	Term (e)	6.345	14,715,000	-	-	14,715,000	2
				$ 50,000,000	$ -	$ -	$ 50,000,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series L, Series M, and Series N.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series M PAC Term bonds maturing January 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.
(b): Sinking fund redemptions begin January 1, 2034.
(c): Sinking fund redemptions begin January 1, 2039.
(d): Sinking fund redemptions begin January 1, 2044.
(e): Sinking fund redemptions begin January 1, 2050.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2007 Series M	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes, from Repayments and Prepayments, not from Excess Revenue.
Call Date From Prepayments or Excess Revenue	Each January 1 and July 1, commencing January 1, 2008.
Call Priority From Prepayments or Excess Revenue	Mandatory redemption, pro rata, from mortgage prepayments and repayments allocable to the Series M Bonds. No redemption from Excess Revenue.

Residential Housing Finance 2013 Series A and C	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages June 20, 2013 to December 31, 2022 — 49.30% January 1, 2023 and thereafter — 100.00 All prepayments must be applied first to redeem the Series A July 2031 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series A July 2031 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A July 2031 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A July 2031 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2014 Series A	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages March 26, 2014 to March 25, 2024 — 0.00% March 26, 2024 and thereafter — 100.00 All prepayments must be applied first to redeem the Series A July 2038 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series A July 2038 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A July 2038 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A July 2038 PAC Term Bonds beyond their cumulative redemption schedule).

MINNESOTA HOUSING

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2014 Series B	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates / Percentages April 30, 2014 to April 29, 2024 — 0.00% April 30, 2024 and thereafter — 100.00 All prepayments must be applied first to redeem the Series B January 2038 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B January 2038 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B January 2038 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B January 2038 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2014 Series C, D and E	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages December 16, 2014 to December 15, 2024 — 65.94% December 16, 2024 and thereafter — 100.00 All prepayments must be applied first to redeem the Series C January 2045 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series C January 2045 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series C January 2045 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series C January 2045 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2015 Series A, C and D	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages August 11, 2015 to August 10, 2025 — 47.52% August 11, 2025 and thereafter — 100.00 All prepayments must be applied first to redeem the Series A January 2041 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series A January 2041 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A January 2041 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A January 2041 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2015 Series E and G	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates / Percentages December 8, 2015 to December 7, 2025 — 56.73% December 8, 2025 and thereafter — 100.00 All prepayments must be applied first to redeem the Series E January 2046 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E January 2046 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2046 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2046 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2016 Series A, B and C	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Transferred Tax-Exempt Loans, Transferred Tax-Exempt Participation Loans and Program Loans backing Program Securities acquired with proceeds of 2016 Series B Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2016 Series A Bonds or 2016 Series B Bonds, selected by the Agency. 10-Year Rule Requirements Dates / Percentages June 22, 2016 to June 21, 2026 — 47.22% June 22, 2026 and thereafter — 100.00 Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series B July 2046 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2016 Series A Bonds or 2016 Series B Bonds selected by Agency option (other than the Series B July 2046 PAC Term Bonds unless no other 2016 Series A Bonds or 2016 Series B Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2046 PAC Term Bonds)). Prepayments and scheduled repayments from the Transferred Taxable Loans in excess of scheduled principal payments on 2016 Series C Bonds will be applied first to redeem 2016 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2016 Series A Bonds and 2016 Series B Bonds (other than the Series B July 2046 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2046 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2016 Series E and F	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates / Percentages December 22, 2016 to June 30, 2017 — 39.79% July 1, 2017 to June 30, 2018 — 40.21 July 1, 2018 to June 30, 2020 — 41.04 July 1, 2020 to June 30, 2021 — 43.95 July 1, 2021 to June 30, 2022 — 46.82 July 1, 2022 to June 30, 2023 — 48.51 July 1, 2023 to June 30, 2024 — 52.74 July 1, 2024 to June 30, 2025 — 56.34 July 1, 2025 to December 21, 2026 — 60.83 December 22, 2026 and thereafter — 100.00 All prepayments must be applied first to redeem the Series E January 2047 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E January 2047 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2047 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2047 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2017 Series B and C	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates / Percentages July 19, 2017 to June 30, 2018 — 66.67% July 1, 2018 to June 30, 2020 — 67.07 July 1, 2020 to June 30, 2021 — 68.53 July 1, 2021 to June 30, 2022 — 69.87 July 1, 2022 to June 30, 2023 — 72.18 July 1, 2023 to June 30, 2024 — 76.38 July 1, 2024 to June 30, 2025 — 80.07 July 1, 2025 to June 30, 2026 — 85.40 July 1, 2026 to July 18, 2027 — 85.82 July 19, 2027 and thereafter — 100.00 All prepayments must be applied first to redeem the Series B July 2047 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B July 2047 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2047 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2047 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2017 Series E and F	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements Dates / Percentages December 21, 2017 to June 30, 2018: 24.89% July 1, 2018 to June 30, 2020: 26.99 July 1, 2020 to June 30, 2021: 28.30 July 1, 2021 to June 30, 2022: 29.31 July 1, 2022 to June 30, 2023: 30.95 July 1, 2023 to June 30, 2024: 33.78 July 1, 2024 to June 30, 2025: 35.97 July 1, 2025 to June 30, 2026: 39.84 July 1, 2026 to December 20, 2027: 40.37 December 21, 2027 and thereafter: 100.00 All prepayments must be applied first to redeem the Series E January 2048 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E January 2048 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2048 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2048 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2018 Series B and D	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Series A, B and C: Anytime. Series D: on or after January 1, 2023
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Transferred Program Loans and Program Loans backing Program Securities acquired with proceeds of 2018 Series A Bonds, 2018 Series B Bonds and 2018 Series D Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2018 Series A Bonds, 2018 Series B Bonds or 2018 Series D Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages June 28, 2018 to June 30, 2020 — 24.91% July 1, 2020 to June 30, 2021 — 27.79 July 1, 2021 to June 30, 2022 — 29.73 July 1, 2022 to June 30, 2023 — 33.12 July 1, 2023 to June 30, 2024 — 37.64 July 1, 2024 to June 30, 2025 — 43.42 July 1, 2025 to June 30, 2026 — 51.93 July 1, 2026 to June 27, 2028 — 54.65 June 28, 2028 and thereafter — 100.00 Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series B July 2048 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2018 Series A Bonds, 2018 Series B Bonds or 2018 Series D Bonds selected by Agency option (other than the Series B July 2048 PAC Term Bonds unless no other 2018 Series A Bonds, 2018 Series B Bonds or 2018 Series D Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2048 PAC Term Bonds)).

	Prepayments and scheduled repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series C Bonds in excess of scheduled principal payments on 2018 Series C Bonds will be applied first to redeem 2018 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2018 Series A Bonds, 2018 Series B Bonds and 2018 Series D Bonds (other than the Series B July 2048 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2048 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2018 Series E, G and H	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Series E, F, G: Anytime. Series H: on or after July 1, 2023
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities allocable to 2018 Series E Bonds, 2018 Series F Bonds and 2018 Series H Bonds (the “Tax-Exempt Receipts”) to redeem outstanding 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages December 12, 2018 to June 30, 2020 — 11.30% July 1, 2020 to June 30, 2021 — 13.54 July 1, 2021 to June 30, 2022 — 15.69 July 1, 2022 to June 30, 2023 — 17.40 July 1, 2023 to June 30, 2024 — 23.60 July 1, 2024 to June 30, 2025 — 27.15 July 1, 2025 to June 30, 2026 — 34.92 July 1, 2026 to June 30, 2027 — 36.13 July 1, 2027 to December 11, 2028 — 37.74 December 12, 2028 and thereafter — 100.00

	All prepayments must be applied first to redeem the Series E January 2049 PAC Term Bonds in accordance with the cumulative redemption schedule. Tax-Exempt Receipts, to the extent required by federal tax law, must then be applied to redeem outstanding 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds selected by Agency option (other than the Series E January 2049 PAC Term Bonds unless no other 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2049 PAC Term Bonds)). Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2018 Series G Bonds in excess of scheduled principal payments on 2018 Series G Bonds will be applied first to redeem Series E January 2049 PAC Term Bonds, if Tax-Exempt Receipts are insufficient, then to redeem 2018 Series G Bonds and then to redeem any outstanding Bonds at Agency option (including the 2018 Series E Bonds, 2018 Series F Bonds and 2018 Series H Bonds (other than the Series E January 2049 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2049 PAC Term Bonds beyond their cumulative redemption schedule)

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2019 Series B, C and D	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans and Program Loans backing Program Securities, allocable to 2019 Series A Bonds, 2019 Series B Bonds and 2019 Series D Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages April 11, 2019 to June 30, 2020 — 28.92% July 1, 2020 to June 30, 2021 — 29.41 July 1, 2021 to June 30, 2022 — 29.90 July 1, 2022 to June 30, 2023 — 30.36 July 1, 2023 to June 30, 2024 — 31.51 July 1, 2024 to June 30, 2025 — 33.07 July 1, 2025 to June 30, 2026 — 34.90 July 1, 2026 to June 30, 2027 — 35.15 July 1, 2027 to April 10, 2029 — 36.12 April 11, 2029 and thereafter — 100.00 All prepayments must be applied first to redeem the Series B July 2049 PAC Term Bonds in accordance with the cumulative redemption schedule. Tax-Exempt Receipts, to the extent required by federal tax law, must then be applied to redeem outstanding 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds selected by Agency option (other than the Series B July 2049 PAC Term Bonds unless no other 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2049 PAC Term Bonds)).

	Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2019 Series C Bonds in excess of scheduled principal payments on 2019 Series C Bonds will be applied first to redeem Series B July 2049 PAC Term Bonds, if Tax-Exempt Receipts are insufficient, then to redeem 2019 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2019 Series A Bonds, 2019 Series B Bonds and 2019 Series D Bonds (other than the Series B July 2049 PAC Term Bonds)). <u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2049 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2019 Series E, F, G and H	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	<u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2019 Series E Bonds and 2019 Series F Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2019 Series E Bonds or 2019 Series F Bonds, selected by the Agency. 10-Year Rule Requirements <u>Dates</u> / <u>Percentages</u> September 11, 2019 to June 30, 2020 — 11.24% July 1, 2020 to June 30, 2021 — 14.03 July 1, 2021 to June 30, 2022 — 16.76 July 1, 2022 to June 30, 2023 — 23.25 July 1, 2023 to June 30, 2024 — 30.03 July 1, 2024 to June 30, 2025 — 39.72 July 1, 2025 to June 30, 2026 — 53.52 July 1, 2026 to June 30, 2027 — 56.29 July 1, 2027 to June 30, 2028 — 62.27 July 1, 2028 to September 10, 2029 — 64.44 September 11, 2029 and thereafter — 100.00

	Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series F January 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2019 Series E Bonds or 2019 Series F Bonds selected by Agency option (other than the Series F January 2050 PAC Term Bonds unless no other 2019 Series E Bonds or 2019 Series F Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series F January 2050 PAC Term Bonds)). Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2019 Series G Bonds and 2019 Series H Bonds in excess of scheduled principal payments on 2019 Series G Bonds or 2019 Series H Bonds will be applied first to redeem 2019 Series G or 2019 Series H Bonds and then to redeem any outstanding Bonds at Agency option (including the 2019 Series E Bonds or 2019 Series F Bonds (other than the Series F January 2050 PAC Term Bonds)). <u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series F January 2050 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2020 Series A, B and C	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2020 Series A Bonds and 2020 Series B Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2020 Series A Bonds or 2020 Series B Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages February 18, 2020 to June 30, 2020 — 12.21% July 1, 2020 to June 30, 2021 — 15.04 July 1, 2021 to June 30, 2022 — 18.44 July 1, 2022 to June 30, 2023 — 24.26 July 1, 2023 to June 30, 2024 — 31.77 July 1, 2024 to June 30, 2025 — 41.78 July 1, 2025 to June 30, 2026 — 53.79 July 1, 2026 to June 30, 2027 — 57.27 July 1, 2027 to June 30, 2028 — 63.60 July 1, 2028 to February 17, 2030 — 68.01 February 18, 2030 and thereafter — 100.00 Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series B July 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2020 Series A Bonds or 2020 Series B Bonds selected by Agency option (other than the Series B July 2050 PAC Term Bonds unless no other 2020 Series A Bonds or 2020 Series B Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2050 PAC Term Bonds and the Series C July 2050 PAC Term Bonds)). Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2020 Series C Bonds in excess of scheduled principal payments on 2020 Series C Bonds (the "Taxable Receipts") must be applied first to redeem the Series C July 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then to redeem 2020 Series C Bonds, and otherwise may be applied to redeem any outstanding Bonds at Agency

	option (including the 2020 Series A Bonds or 2020 Series B Bonds (other than the Series B July 2050 PAC Term Bonds)). <u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2050 PAC Term Bonds and Series C July 2050 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2020 Series D and E	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. Dates / Percentages June 24, 2020 to June 30, 2021: 15.86% July 1, 2021 to June 30, 2022: 18.36 July 1, 2022 to June 30, 2023: 23.67 July 1, 2023 to June 30, 2024: 28.84 July 1, 2024 to June 30, 2025: 37.54 July 1, 2025 to June 30, 2026: 49.80 July 1, 2026 to June 30, 2027: 52.39 July 1, 2027 to June 30, 2028: 59.24 July 1, 2028 to June 23, 2030: 66.86 June 24, 2030 and thereafter: 100.00 All prepayments must be applied first to redeem the Series E July 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E July 2050 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E July 2050 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E July 2050 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2020 Series F and G	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. Dates / Percentages September 29, 2020 to June 30, 2021 — 18.83% July 1, 2021 to June 30, 2022 — 22.12 July 1, 2022 to June 30, 2023 — 31.49 July 1, 2023 to June 30, 2024 — 38.67 July 1, 2024 to June 30, 2025 — 51.26 July 1, 2025 to June 30, 2026 — 70.91 July 1, 2026 to June 30, 2027 — 75.46 July 1, 2027 to June 30, 2028 — 87.06 July 1, 2028 to June 30 ,2029 — 98.68 July 1, 2029 to May 31, 2030 — 99.78 June 1, 2030 and thereafter — 100.00 All prepayments must be applied first to redeem the Series G January 2051 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series G January 2051 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series G January 2051 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series G January 2051 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2020 Series H and I	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. Dates / Percentages December 23, 2020 to June 30, 2021 — 18.82% July 1, 2021 to June 30, 2022 — 22.50 July 1, 2022 to June 30, 2023 — 30.96 July 1, 2023 to June 30, 2024 — 37.42 July 1, 2024 to June 30, 2025 — 50.01 July 1, 2025 to June 30, 2026 — 68.73 July 1, 2026 to June 30, 2027 — 73.59 July 1, 2027 to June 30, 2028 — 84.93 July 1, 2028 to June 30 ,2029 — 97.72 July 1, 2029 to November 30, 2030 — 99.33 December 1, 2030 and thereafter — 100.00 All prepayments must be applied first to redeem the Series I January 2051 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series I January 2051 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series I January 2051 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series I January 2051 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

<table>
<tr><td>Residential Housing Finance 2021 Series A and B</td><td></td></tr>
<tr><td>Call From Unexpended Proceeds</td><td>N/A</td></tr>
<tr><td>Call Date From Unexpended Proceeds</td><td>N/A</td></tr>
<tr><td>Call Priority From Unexpended Proceeds</td><td>N/A</td></tr>
<tr><td>Call From Prepayments or Excess Revenue</td><td>Yes</td></tr>
<tr><td>Call Date From Prepayments or Excess Revenue</td><td>Anytime</td></tr>
<tr><td>Call Priority From Prepayments or Excess Revenue</td><td><u>Prepayments:</u>
To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.

<table><tr><th><u>Dates</u></th><th><u>Percentages</u></th></tr><tr><td>March 25, 2021 to June 30, 2021</td><td>20.47%</td></tr><tr><td>July 1, 2021 to June 30, 2022</td><td>24.39</td></tr><tr><td>July 1, 2022 to June 30, 2023</td><td>31.95</td></tr><tr><td>July 1, 2023 to June 30, 2024</td><td>37.35</td></tr><tr><td>July 1, 2024 to June 30, 2025</td><td>50.03</td></tr><tr><td>July 1, 2025 to June 30, 2026</td><td>68.10</td></tr><tr><td>July 1, 2026 to June 30, 2027</td><td>72.69</td></tr><tr><td>July 1, 2027 to June 30, 2028</td><td>83.39</td></tr><tr><td>July 1, 2028 to June 30 ,2029</td><td>94.97</td></tr><tr><td>July 1, 2029 to February 28, 2031</td><td>97.01</td></tr><tr><td>March 1, 2031 and thereafter</td><td>100.00</td></tr></table>
All prepayments must be applied first to redeem the Series B July 2051 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B July 2051 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2051 PAC Term Bonds)).

<u>Excess Revenues:</u>
Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2051 PAC Term Bonds beyond their cumulative redemption schedule).</td></tr>
</table>

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2021 Series C and D	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. Dates / Percentages June 17, 2021 to June 30, 2022 — 28.96% July 1, 2022 to June 30, 2023 — 32.78 July 1, 2023 to June 30, 2024 — 35.88 July 1, 2024 to June 30, 2025 — 41.88 July 1, 2025 to June 30, 2026 — 51.85 July 1, 2026 to June 30, 2027 — 54.27 July 1, 2027 to June 30, 2028 — 60.56 July 1, 2028 to June 30 ,2029 — 66.53 July 1, 2029 to May 31, 2031 — 69.61 June 1, 2031 and thereafter — 100.00 All prepayments must be applied first to redeem the Series D January 2052 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series D January 2052 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series D January 2052 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series D January 2052 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2021 Series E and F	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. Dates / Percentages September 28, 2021 to June 30, 2022 — 15.16% July 1, 2022 to June 30, 2023 — 22.07 July 1, 2023 to June 30, 2024 — 27.15 July 1, 2024 to June 30, 2025 — 37.32 July 1, 2025 to June 30, 2026 — 51.20 July 1, 2026 to June 30, 2027 — 53.67 July 1, 2027 to June 30, 2028 — 61.41 July 1, 2028 to June 30 ,2029 — 68.52 July 1, 2029 to August 31, 2031 — 71.13 September 1, 2031 and thereafter — 100.00 All prepayments must be applied first to redeem the Series F July 2052 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series F July 2052 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series F July 2052 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series F July 2052 PAC Term Bonds beyond their cumulative redemption schedule).

MINNESOTA HOUSING

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2021 Series G, H and I	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	<u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2021 Series G Bonds and 2021 Series H Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2021 Series G Bonds or 2021 Series H Bonds, selected by the Agency. 10-Year Rule Requirements <u>Dates</u> — <u>Percentages</u> December 23, 2021 to June 30, 2022 — 15.36% July 1, 2022 to June 30, 2023 — 18.89 July 1, 2023 to June 30, 2024 — 21.03 July 1, 2024 to June 30, 2025 — 25.86 July 1, 2025 to June 30, 2026 — 33.54 July 1, 2026 to June 30, 2027 — 34.78 July 1, 2027 to June 30, 2028 — 38.64 July 1, 2028 to June 30 ,2029 — 40.89 July 1, 2029 to June 30, 2030 — 42.48 July 1, 2030 to November 30, 2031 — 43.12 December 1, 2031 and thereafter — 100.00 Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series H July 2052 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2021 Series G Bonds or 2021 Series H Bonds selected by Agency option (other than the Series H July 2052 PAC Term Bonds unless no other 2021 Series G Bonds or 2021 Series H Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series H July 2052 PAC Term Bonds)). Prepayments and scheduled repayments from the Program Securities allocable to the 2021 Series I Bonds in excess of scheduled principal payments on 2021 Series I Bonds (the "Taxable Receipts") will be applied to redeem 2021 Series I Taxable Series Bonds at Agency option, and then may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series H July 2052 PAC Term Bonds)).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series H July 2052 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2022 Series A and B	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series A Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2022 Series A Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages February 17, 2022 to June 30, 2022 — 2.91% July 1, 2022 to June 30, 2023 — 7.41 July 1, 2023 to June 30, 2024 — 10.44 July 1, 2024 to June 30, 2025 — 16.05 July 1, 2025 to June 30, 2026 — 21.68 July 1, 2026 to June 30, 2027 — 22.95 July 1, 2027 to June 30, 2028 — 27.79 July 1, 2028 to June 30 ,2029 — 31.40 July 1, 2029 to June 30, 2030 — 32.09 July 1, 2030 to January 31, 2032 — 32.41 February 1, 2032 and thereafter — 100.00 Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series A July 2052 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2022 Series A Bonds selected by Agency option (other than the Series A July 2052 PAC Term Bonds unless no other 2022 Series A Bonds are outstanding), and otherwise may be

	applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A July 2052 PAC Term Bonds)). Prepayments and scheduled repayments from the Program Securities allocable to the 2022 Series B Bonds in excess of scheduled principal payments on 2022 Series B Bonds (the "Taxable Receipts") will be applied to redeem 2022 Series B Taxable Series Bonds at Agency option, and then may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A July 2052 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A July 2052 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2022 Series C and D	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series C Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2022 Series C Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages March 16, 2022 to June 30, 2022 — 2.60% July 1, 2022 to June 30, 2023 — 4.82 July 1, 2023 to June 30, 2024 — 6.96 July 1, 2024 to June 30, 2025 — 10.23 July 1, 2025 to June 30, 2026 — 14.53 July 1, 2026 to June 30, 2027 — 15.71 July 1, 2027 to June 30, 2028 — 19.29 July 1, 2028 to June 30 ,2029 — 22.45 July 1, 2029 to June 30, 2030 — 25.61 July 1, 2030 to February 29, 2032 — 26.81 March 1, 2032 and thereafter — 100.00

	Prepayments and scheduled repayments from the Program Securities allocable to the Series Bonds in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series C July 2052 PAC Term bonds in accordance with the cumulative redemption schedule, and then, with respect to the Tax-Exempt Receipts, to the extent required by federal tax law, to redeem outstanding 2022 Series C Bonds selected by Agency option (other than the Series C July 2052 PAC Term Bonds unless no other 2022 Series C Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series C July 2052 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series C July 2052 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2022 Series E and F	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Any outstanding Bonds at Agency option including the Series Bonds.

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2022 Series G and H	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	. Any outstanding Bonds at Agency option including the Series Bonds (other than the Series G January 2047 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

Residential Housing Finance 2022 Series I, J and K	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series I Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2022 Series I Bonds, selected by the Agency. 10-Year Rule Requirements Dates — Percentages September 29, 2022 to June 30, 2023 — 22.05% July 1, 2023 to June 30, 2024 — 28.74 July 1, 2024 to June 30, 2025 — 36.46 July 1, 2025 to June 30, 2026 — 47.28 July 1, 2026 to June 30, 2027 — 49.77 July 1, 2027 to June 30, 2028 — 55.53 July 1, 2028 to June 30, 2029 — 79.81 July 1, 2029 to June 30 ,2030 — 92.54 July 1, 2030 to June 30, 2031 — 95.97 July 1, 2031 to February 29, 2032 — 99.02 March 1, 2032 and thereafter — 100.00 Tax-Exempt Receipts in excess of scheduled principal payments on the 2022 Series I Bonds must be applied first to redeem the Series I July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2022 Series I Bonds selected by Agency option (other than the Series I July 2053 PAC Term Bonds unless no other 2022 Series I Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series I July 2053 PAC Term Bonds)).

	Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2022 Series J Bonds and the 2022 Series K Bonds (the “Taxable Receipts”) in excess of scheduled principal payments on the 2022 Series J Bonds and the 2022 Series K Bonds (the “Taxable Series Bonds”) must be applied first, if needed after applying the Tax-Exempt Receipts, to redeem the Series I July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the 2022 Series I Bonds (other than the Series I July 2053 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series I July 2053 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2022 Series L, M and N	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series L Bonds and 2022 Series M Bonds (the “Tax-Exempt Receipts”) to redeem outstanding 2022 Series L Bonds or 2022 Series M Bonds, selected by the Agency.

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of December 31, 2022

10-Year Rule Requirements

Dates	Percentages
December 8, 2022 to June 30, 2023	32.01%
July 1, 2023 to June 30, 2024	37.95
July 1, 2024 to June 30, 2025	49.69
July 1, 2025 to June 30, 2026	67.96
July 1, 2026 to June 30, 2027	71.95
July 1, 2027 to June 30, 2028	82.35
July 1, 2028 to June 30, 2029	87.15
July 1, 2029 to June 30 ,2030	88.33
July 1, 2030 to June 30, 2031	88.60
July 1, 2031 to November 30, 2032	89.15
December 1, 2032 and thereafter	100.00

Tax-Exempt Receipts in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series M January 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2022 Series L Bonds or 2022 Series M Bonds selected by Agency option (other than the Series M January 2053 PAC Term Bonds unless no other 2022 Series L or 2022 Series M Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series M January 2053 PAC Term Bonds)).

Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2022 Series N Bonds (the “Taxable Receipts”) in excess of scheduled principal payments on the 2022 Series N Bonds (the “Taxable Series Bonds”) must be applied first, if needed after applying the Tax-Exempt Receipts, to redeem the Series M January 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the 2022 Series L Bonds or 2022 Series M Bonds (other than the Series M January 2053 PAC Term Bonds)).

Excess Revenues:
Any outstanding Bonds at Agency option including the Series Bonds (other than the Series M January 2053 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Tax Restricted Prepayments and Repayments
Information as of December 31, 2022

MINNESOTA HOUSING

RHFB 2013 ABC

Date	Percent
12/31/2022	49.30%
01/01/2023	100.00%

RHFB 2014 A

Date	Percent
12/31/2022	0.00%
03/26/2024	100.00%

RHFB 2014 B

Date	Percent
12/31/2022	0.00%
04/30/2024	100.00%

RHFB 2014 CDE

Date	Percent
12/31/2022	65.94%
12/16/2024	100.00%

RHFB 2015 ABCD

Date	Percent
12/31/2022	47.52%
08/11/2025	100.00%

RHFB 2015 EFG

Date	Percent
12/31/2022	56.73%
12/08/2025	100.00%

RHFB 2016 AB[1]

Date	Percent
12/31/2022	47.22%
06/22/2026	100.00%

RHFB 2016 DEF

Date	Percent
12/31/2022	48.51%
07/01/2023	52.74%
07/01/2024	56.34%
07/01/2025	60.83%
12/22/2026	100.00%

RHFB 2017 ABC

Date	Percent
12/31/2022	72.18%
07/01/2023	76.38%
07/01/2024	80.07%
07/01/2025	85.40%
07/01/2026	85.82%
07/19/2027	100.00%

RHFB 2017 DEF

Date	Percent
12/31/2022	30.95%
07/01/2023	33.78%
07/01/2024	35.97%
07/01/2025	39.84%
07/01/2026	40.37%
12/21/2027	100.00%

RHFB 2018 ABD[2]

Date	Percent
12/31/2022	33.12%
07/01/2023	37.64%
07/01/2024	43.42%
07/01/2025	51.93%
07/01/2026	54.65%
07/28/2028	100.00%

RHFB 2018 EFH[3]

Date	Percent
12/31/2022	17.40%
07/01/2023	23.60%
07/01/2024	27.15%
07/01/2025	34.92%
07/01/2026	36.13%
07/01/2027	37.74%
12/12/2028	100.00%

RHFB 2019 ABD[4]

Date	Percent
12/31/2022	30.36%
07/01/2023	31.51%
07/01/2024	33.07%
07/01/2025	34.90%
07/01/2026	35.15%
07/01/2027	36.12%
04/11/2029	100.00%

RHFB 2019 EF[5]

Date	Percent
12/31/2022	23.25%
07/01/2023	30.03%
07/01/2024	39.72%
07/01/2025	53.52%
07/01/2026	56.29%
07/01/2027	62.27%
07/01/2028	64.44%
09/11/2029	100.00%

1 Although the RHFB 2016 AB Bonds were issued with the RHFB 2016 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Tax-Exempt Loans, the Transferred Tax-Exempt Participation Loans and the Program Loans backing Program Securities acquired with proceeds of the 2016 Series B Bonds. The prepayments and repayments from the Transferred Taxable Loans are not tax-restricted, but are dedicated to payment of the 2016 Series C Bonds.

2 Although the RHFB 2018 ABD Bonds were issued with the RHFB 2018 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Program Loans and the Program Loans backing Program Securities acquired with proceeds of the 2018 Series ABD Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series C Bonds.

3 Although the RHFB 2018 EFH Bonds were issued with the RHFB 2018 Series G Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series EFH Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series G Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series G Bonds.

4 Although the RHFB 2019 ABD Bonds were issued with the RHFB 2019 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Program Loans and the Program Loans backing Program Securities acquired with proceeds of the 2019 Series ABD Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series C Bonds.

5 Although the RHFB 2019 EF Bonds were issued with the RHFB 2019 Series G (Taxable) and 2019 H Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series EF Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series GH Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series GH Bonds.

Residential Housing Finance Bond Resolution
Tax Restricted Prepayments and Repayments
Information as of December 31, 2022

MINNESOTA HOUSING

RHFB 2020 AB[6]

Date	Percent
12/31/2022	24.26%
07/01/2023	31.77%
07/01/2024	41.78%
07/01/2025	53.79%
07/01/2026	57.27%
07/01/2027	63.60%
07/01/2028	68.01%
02/18/2030	100.00%

RHFB 2020 DE

Date	Percent
12/31/2022	23.67%
07/01/2023	28.84%
07/01/2024	37.54%
07/01/2025	49.80%
07/01/2026	52.39%
07/01/2027	59.24%
07/01/2028	66.86%
06/24/2030	100.00%

RHFB 2020 FG

Date	Percent
12/31/2022	31.49%
07/01/2023	38.67%
07/01/2024	51.26%
07/01/2025	70.91%
07/01/2026	75.46%
07/01/2027	87.06%
07/01/2028	98.68%
07/01/2029	99.78%
06/01/2030	100.00%

RHFB 2020 HI

Date	Percent
12/31/2022	30.96%
07/01/2023	37.42%
07/01/2024	50.01%
07/01/2025	68.73%
07/01/2026	73.59%
07/01/2027	84.93%
07/01/2028	97.72%
07/01/2029	99.33%
12/01/2030	100.00%

RHFB 2021 AB

Date	Percent
12/31/2022	31.95%
07/01/2023	37.35%
07/01/2024	50.03%
07/01/2025	68.10%
07/01/2026	72.69%
07/01/2027	83.39%
07/01/2028	94.97%
07/01/2029	97.01%
03/01/2031	100.00%

RHFB 2021CD

Date	Percent
12/31/2022	32.78%
07/01/2023	35.88%
07/01/2024	41.88%
07/01/2025	51.85%
07/01/2026	54.27%
07/01/2027	60.56%
07/01/2028	66.53%
07/01/2029	69.61%
06/01/2031	100.00%

RHFB 2021EF

Date	Percent
12/31/2022	22.07%
07/01/2023	27.15%
07/01/2024	37.32%
07/01/2025	51.20%
07/01/2026	53.67%
07/01/2027	61.41%
07/01/2028	68.52%
07/01/2029	71.13%
09/01/2031	100.00%

RHFB 2021 GH[7]

Date	Percent
12/31/2022	18.89%
07/01/2023	21.03%
07/01/2024	25.86%
07/01/2025	33.54%
07/01/2026	34.78%
07/01/2027	38.64%
07/01/2028	40.89%
07/01/2029	42.48%
07/01/2030	43.12%
12/01/2031	100.00%

RHFB 2022 A[8]

Date	Percent
12/31/2022	7.41%
07/01/2023	10.44%
07/01/2024	16.05%
07/01/2025	21.68%
07/01/2026	22.95%
07/01/2027	27.79%
07/01/2028	31.40%
07/01/2029	32.09%
07/01/2030	32.41%
02/01/2032	100.00%

RHFB 2022 C[9]

Date	Percent
12/31/2022	4.82%
07/01/2023	6.96%
07/01/2024	10.23%
07/01/2025	14.53%
07/01/2026	15.71%
07/01/2027	19.29%
07/01/2028	22.45%
07/01/2029	25.61%
07/01/2030	26.81%
03/01/2032	100.00%

6 Although the RHFB 2020 AB Bonds were issued with the RHFB 2020 Series C (Taxable),the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2020 Series AB Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2020 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2020 Series C Bonds.

7 Although the RHFB 2021 GH Bonds were issued with the RHFB 2021 Series I (Taxable),the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2021 Series GH Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2021 Series I Bonds are not tax-restricted, but are dedicated to payment of the 2021 Series I Bonds.

8 Although the RHFB 2022 A Bonds were issued with the RHFB 2022 Series B (Taxable),the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series A Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series B Bonds are not tax-restricted, but are dedicated to payment of the 2022 Series B Bonds.

9 Although the RHFB 2022 C Bonds were issued with the RHFB 2022 Series D (Taxable),the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series C Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series D Bonds are not tax-restricted.

Residential Housing Finance Bond Resolution
Tax Restricted Prepayments and Repayments
Information as of December 31, 2022

MINNESOTA HOUSING

RHFB 2022 I[10]	
Date	Percent
12/31/2022	22.05%
07/01/2023	28.74%
07/01/2024	36.46%
07/01/2025	47.28%
07/01/2026	49.77%
07/01/2027	55.53%
07/01/2028	79.81%
07/01/2029	92.54%
07/01/2030	95.97%
07/01/2031	99.02%
03/01/2032	100.00%

RHFB 2022 LM[11]	
Date	Percent
12/31/2022	32.01%
07/01/2023	37.95%
07/01/2024	49.69%
07/01/2025	67.96%
07/01/2026	71.95%
07/01/2027	82.35%
07/01/2028	87.15%
07/01/2029	88.33%
07/01/2030	88.60%
07/01/2031	89.15%
12/01/2032	100.00%

10 Although the RHFB 2022 I Bonds were issued with the RHFB 2022 Series J (Taxable) and Series K (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series I Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series J Bonds and 2022 Series K Bonds are not tax-restricted.

11 Although the RHFB 2022 LM Bonds were issued with the RHFB 2022 Series N (Taxable) , the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series LM Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series N Bonds are not tax-restricted.

Residential Housing Finance Bond Resolution
Investments
Information as of December 31, 2022

Series	Fund	Investment Type	Maturity Date	Interest Rate		Par
None	Revenue	FHLMC	3/15/2031	6.75000 %	$	826,000
None	Revenue	GNMA II POOL #755715	12/20/2040	4.00000		178,977
None	Revenue	GNMA II POOL #755735	1/20/2041	3.37500		115,130
None	Revenue	GNMA II POOL #755737	1/20/2041	3.87500		161,056
None	Revenue	FNMA POOL #AU7184	5/1/2043	3.00000		169,473
None	Revenue	FNMA POOL #AT7540	7/1/2043	2.90000		237,676
None	Revenue	Treasury Bond	2/15/2023	7.12500		3,415,000
None	Revenue	Government Money Market Fund	Daily	4.04668		5,035,548
07M	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		282,511
07M	Redemption	Government Money Market Fund	Daily	4.04668		340,000
07M	Debt Service Reserve	Transamerica Life Insurance Company Inv. Agmt.	7/1/2048	5.26000		256,950
07M	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		7,026
07M	Revenue	Government Money Market Fund	Daily	4.04668		203,206
12ABCD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		30,000
12ABCD	Revenue	Government Money Market Fund	Daily	4.04668		715,598
13ABC	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		294,800
13ABC	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		800,000
13ABC	Debt Service Reserve	FNMA POOL #AT7541	7/1/2043	3.02500		426,029
13ABC	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		46,101
13ABC	Redemption	Government Money Market Fund	Daily	4.04668		135,000
13ABC	Revenue	Government Money Market Fund	Daily	4.04668		178,959
14A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		40,500
14A	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		56,850
14A	Redemption	Government Money Market Fund	Daily	4.04668		130,000
14A	Revenue	Government Money Market Fund	Daily	4.04668		332,055
14B	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		61,700
14B	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		88,800
14B	Redemption	Government Money Market Fund	Daily	4.04668		125,000
14B	Revenue	Government Money Market Fund	Daily	4.04668		418,159
14CDE	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		800,775
14CDE	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,405,000
14CDE	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		1,296,150
14CDE	Redemtpion	Government Money Market Fund	Daily	4.04668		990,000
14CDE	Revenue	Government Money Market Fund	Daily	4.04668		626,784
15ABCD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		251,177
15ABCD	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		26,667
15ABCD	Debt Service Reserve	FNMA POOL #AT7535	6/1/2043	2.77500		185,995
15ABCD	Debt Service Reserve	FNMA POOL #AU3005	6/1/2043	2.90000		139,486

Residential Housing Finance Bond Resolution
Investments
Information as of December 31, 2022

Series	Fund	Investment Type	Maturity Date	Interest Rate		Par
15ABCD	Debt Service Reserve	GNMA II POOL #AC8310	1/20/2043	2.50000 %	$	50,576
15ABCD	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		183,443
15ABCD	Redemption	Government Money Market Fund	Daily	4.04668		915,000
15ABCD	Revenue	Government Money Market Fund	Daily	4.04668		602,200
15EFG	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		503,711
15EFG	Debt Service Reserve	FNMA POOL #AH099	12/1/2040	3.45000		88,389
15EFG	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		1,111,161
15EFG	Redemption	Government Money Market Fund	Daily	4.04668		1,320,000
15EFG	Revenue	Government Money Market Fund	Daily	4.04668		796,090
16ABC	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		497,704
16ABC	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		550,000
16ABC	Debt Service Reserve	FNMA POOL #AT9856	6/1/2043	2.65000		168,229
16ABC	Debt Service Reserve	FNMA POOL #AH5520	12/1/2040	3.45000		211,198
16ABC	Debt Service Reserve	GNMA II POOL #AC8376	2/20/2043	2.87500		390,877
16ABC	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		148,209
16ABC	Redemption	Government Money Market Fund	Daily	4.04668		530,000
16ABC	Revenue	Government Money Market Fund	Daily	4.04668		968,693
16DEF	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		528,233
16DEF	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		30,000
16DEF	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		368,747
16DEF	Redemption	Government Money Market Fund	Daily	4.04668		735,000
16DEF	Revenue	Government Money Market Fund	Daily	4.04668		1,023,438
17ABC	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		554,746
17ABC	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		636,224
17ABC	Redemption	Government Money Market Fund	Daily	4.04668		3,270,000
17ABC	Revenue	Government Money Market Fund	Daily	4.04668		780,442
17DEF	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		759,823
17DEF	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		283,800
17DEF	Redemption	Government Money Market Fund	Daily	4.04668		7,275,000
17DEF	Revenue	Government Money Market Fund	Daily	4.04668		1,291,365
18ABCD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		412,588
18ABCD	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		164,157
18ABCD	Redemption	Government Money Market Fund	Daily	4.04668		5,650,000
18ABCD	Revenue	Government Money Market Fund	Daily	4.04668		1,190,912
18EFGH	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		688,111
18EFGH	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		10,000
18EFGH	Redemption	Government Money Market Fund	Daily	4.04668		1,425,000
18EFGH	Revenue	Government Money Market Fund	Daily	4.04668		1,050,087

Residential Housing Finance Bond Resolution
Investments
Information as of December 31, 2022

Series	Fund	Investment Type	Maturity Date	Interest Rate		Par
19ABCD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668 %	$	1,120,157
19ABCD	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		30,000
19ABCD	Debt Service Reserve	Government Money Market Fund	Daily	4.04668		331,266
19ABCD	Redemption	Government Money Market Fund	Daily	4.04668		5,745,000
19ABCD	Revenue	Government Money Market Fund	Daily	4.04668		1,397,132
19EFGH	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,412,901
19EFGH	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		550,000
19EFGH	Redemption	Government Money Market Fund	Daily	4.04668		665,000
19EFGH	Revenue	Government Money Market Fund	Daily	4.04668		864,214
20ABC	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,997,708
20ABC	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,415,000
20ABC	Redemption	Government Money Market Fund	Daily	4.04668		2,630,000
20ABC	Revenue	Government Money Market Fund	Daily	4.04668		1,570,133
20DE	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,445,963
20DE	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,210,000
20DE	Redemption	Government Money Market Fund	Daily	4.04668		1,160,000
20DE	Revenue	Government Money Market Fund	Daily	4.04668		1,851,085
20FG	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,249,083
20FG	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,075,000
20FG	Cost of Issuance	Government Money Market Fund	Daily	4.04668		41,292
20FG	Redemption	Government Money Market Fund	Daily	4.04668		445,000
20FG	Revenue	Government Money Market Fund	Daily	4.04668		1,164,981
20HI	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,206,349
20HI	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,280,000
20HI	Cost of Issuance	Government Money Market Fund	Daily	4.04668		40,954
20HI	Redemption	Government Money Market Fund	Daily	4.04668		365,000
20HI	Revenue	Government Money Market Fund	Daily	4.04668		1,123,814
21AB	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,346,831
21AB	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,235,000
21AB	Cost of Issuance	Government Money Market Fund	Daily	4.04668		41,188
21AB	Redemption	Government Money Market Fund	Daily	4.04668		325,000
21AB	Revenue	Government Money Market Fund	Daily	4.04668		1,210,842
21CD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,819,093
21CD	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		2,225,000
21CD	Cost of Issuance	Government Money Market Fund	Daily	4.04668		4,677
21CD	Redemption	Government Money Market Fund	Daily	4.04668		995,000
21CD	Revenue	Government Money Market Fund	Daily	4.04668		1,486,514
21EF	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,583,159

Residential Housing Finance Bond Resolution
Investments
Information as of December 31, 2022

Series	Fund	Investment Type	Maturity Date	Interest Rate		Par
21EF	Bond Fund Principal	Government Money Market Fund	Daily	4.04668 %	$	1,565,000
21EF	Cost of Issuance	Government Money Market Fund	Daily	4.04668		11,931
21EF	Redemption	Government Money Market Fund	Daily	4.04668		280,000
21EF	Revenue	Government Money Market Fund	Daily	4.04668		863,934
21GHI	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		2,075,251
21GHI	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,880,000
21GHI	Cost of Issuance	Government Money Market Fund	Daily	4.04668		4,481
21GHI	Redemption	Government Money Market Fund	Daily	4.04668		310,000
21GHI	Revenue	Government Money Market Fund	Daily	4.04668		860,687
22AB	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,263,122
22AB	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,360,000
22AB	Cost of Issuance	Government Money Market Fund	Daily	4.04668		86,303
22AB	Redemption	Government Money Market Fund	Daily	4.04668		630,000
22AB	Revenue	Government Money Market Fund	Daily	4.04668		29,393
22CD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		2,121,197
22CD	Bond Fund Principal	Government Money Market Fund	Daily	4.04668		1,540,000
22CD	Redemption	Government Money Market Fund	Daily	4.04668		595,000
22CD	Revenue	Government Money Market Fund	Daily	4.04668		367,493
22EF	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		2,728,457
22EF	Revenue	Government Money Market Fund	Daily	4.04668		805,361
22GH	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		2,827,233
22GH	Redemption	Government Money Market Fund	Daily	4.04668		140,000
22GH	Revenue	Government Money Market Fund	Daily	4.04668		44,084
22IJK	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		1,154,004
22IJK	Cost of Issuance	Government Money Market Fund	Daily	4.04668		24,445
22IJK	Revenue	Government Money Market Fund	Daily	4.04668		22,295
22LMN	Acquistion	Government Money Market Fund	Daily	4.04668		121,029,852
		Total			$	248,272,144

At December 31, 2022 there is a $44 million note payable to the Bond Resolution from the Alternative Loan Fund, Pool 2.

Residential Housing Finance Bond Resolution
Debt Service Reserve Requirement
Information as of December 31, 2022

Debt Service Reserve Fund (all series combined)

Debt Service Reserve Requirement	Value (Per Resolution)
$6,956,281	$6,596,764

[1] On December 1, 2022, there was $6,956,283 in the Debt Service Reserve Fund: $359,518 was transferred to Redemption Accounts on December 29, 2022 for bonds called for redemption on January 1, 2023 in anticipation of decreased Debt Service Reserve Requirement effective upon those redemptions.

Refer to the disclaimer on page A-1