Residential Housing Finance Bond Resolution

Quarterly Disclosure Report
Information as of September 30, 2018
Published November 15, 2018

TRUSTEE:

Wells Fargo Bank, National Association
600 South 4th Street, N9300-060
Minneapolis, MN 55415
Contact: Lisa Lewis, Vice President
(612) 667-3717
FAX: (612) 478-5381
E-Mail: Lisa.M.Lewis@wellsfargo.com

AGENCY:

Minnesota Housing Finance Agency
400 Wabasha Street North-Suite 400
St. Paul, MN 55102
Contact: Terry Schwartz, Finance Director
(651) 296-2404
(651) 297-2361 TDD
FAX: (651)296-8139
E-Mail: Terry.Schwartz@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

Page

Disclaimer A-1

General

Overview B-1

Whole Loan Mortgages C-1

Bonds, Loans and Mortgage-Backed Securities Outstanding, Remaining Acquisition Fund D-1

Mortgage-Backed Securities Purchased with Bond Proceeds E-1

Insurance

Whole Loan Mortgage Insurance F-1

Status Reports

Whole Loan Mortgages Delinquency and Foreclosure Statistics G-1

Whole Loan Mortgages Real Estate Owned Activity on Uninsured Loans H-1

Whole Loan Mortgages Insurance Claims Activity I-1

Whole Loan Mortgages FHA Mortgage Insurance/VA Guaranty Pending Claims J-1

Whole Loan Mortgages Real Estate Owned /Completed Insurance Claims Activity K-1

Whole Loan Mortgages Prepayment Report L-1

Mortgage-Backed Securities Prepayment Report M-1

Bonds

Source of Funds Used to Call Bonds N-1

Interest Rate Swap Information O-1

Bonds Outstanding and Call Priority P-1

Summary of Special Redemption Provisions Q-1

Tax Restricted Prepayments R-1

Investments S-1

Reserve Requirements T-1

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 September 30, 2018 (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 September 30, 2018. 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 September 30, 2018

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, 2018. You can retrieve a copy from Minnesota Housing's website at www.mnhousing.gov or contact the Agency to request a copy.

The Agency has traditionally 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.

The Agency has adopted another bond resolution (the Homeownership Finance Bond Resolution) under which the Agency has financed single family mortgage loans through the acquisition of mortgage-backed securities under the New Issue Bond Program offered by the United States Department of the Treasury, Fannie Mae and Freddie Mac. As of December 31, 2011, the Agency had used all its authority under the New Issue Bond Program and has since issued bonds under the Bond Resolution and the Homeownership Finance Bond Resolution.

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of September 30, 2018

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	$1,441,481,468	$215,537,017	$822,079,323	$401,248,790	$ 2,616,338	4.41 %
06LMN	20,334,227	3,488,059	9,673,526	6,338,927	833,715	5.32
07M	51,601,162	1,149,784	27,821,858	12,648,150	9,981,370	5.31
07M-40 Year	13,786,495	720,174	3,626,818	5,444,490	3,995,013	5.23
09DEF	123,184,490	16,516,741	60,066,763	13,667,598	32,933,388	5.55
12ABCD	96,047,766	12,883,978	42,499,148	7,641,593	33,023,047	5.60
13ABC	42,482,583	6,104,276	15,630,788	3,178,738	17,568,781	5.27
14A	15,938,679	2,913,957	5,861,289	129,460	7,033,973	6.11
14B	15,978,942	3,559,163	4,360,249	302,517	7,757,013	5.92
14CDE	147,424,535	12,155,714	49,076,346	7,027,155	79,165,320	5.05
15ABCD	52,474,015	3,197,149	19,576,767	3,136,972	26,563,127	5.15
15ABCD-40 Year	3,064,439	65,783	1,137,926	356,538	1,504,192	5.02
15EFG	80,106,833	4,974,944	23,275,674	3,561,174	48,295,041	5.22
15EFG-40 year	15,680,365	412,780	5,030,839	1,611,190	8,625,556	5.17
16ABC	59,751,015	2,680,951	20,828,214	3,071,260	33,170,590	5.42
16ABC-40 year	22,027,528	530,122	6,454,305	1,177,321	13,865,780	4.98
16DEF	27,242,103	1,380,592	6,273,209	708,008	18,880,294	5.56
16DEF-40 year	8,084,772	154,676	1,629,514	349,835	5,950,747	5.23
17ABC	45,579,077	1,199,866	8,235,312	657,040	35,486,859	5.39
17ABC-40 year	12,928,653	185,290	2,242,031	167,388	10,333,944	5.39
17DEF	20,736,955	387,477	2,390,761	635,815	17,322,902	5.43
17DEF-40 year	5,841,813	65,799	348,382	-	5,427,632	5.25
18ABCD	19,253,174	227,292	616,405	-	18,409,477	5.01
Total	$ 2,341,031,089	$ 290,491,584	$ 1,138,735,447	$ 473,059,959	$ 438,744,099	5.30 %

Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of September 30, 2018

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	12,933.7	9,549.9	3,330.8	53.0
06LMN	157.0	95.0	55.0	7.0
07M	435.3	228.6	100.2	106.5
07M-40 Year	87.6	25.4	34.0	28.2
09DEF	1,627.0	907.0	146.5	573.5
12ABCD	1,411.0	651.5	107.5	652.0
13ABC	641.0	255.5	44.5	341.0
14A	381.0	151.0	2.0	228.0
14B	419.0	176.0	5.0	238.0
14CDE	1,554.0	530.5	69.5	954.0
15ABCD	538.0	208.0	32.5	297.5
15ABCD-40 Year	20.0	8.0	2.0	10.0
15EFG	886.0	255.0	36.0	595.0
15EFG-40 year	105.0	34.0	11.0	60.0
16ABC	567.0	185.0	27.0	355.0
16ABC-40 year	151.0	45.0	8.0	98.0
16DEF	392.3	89.2	9.6	293.5
16DEF-40 year	55.6	11.4	2.4	41.8
17ABC	518.0	86.5	8.0	423.5
17ABC-40 year	102.0	16.0	1.0	85.0
17DEF	226.0	22.0	6.0	198.0
17DEF-40 year	48.0	4.0	-	44.0
18ABCD	307.5	9.0	-	298.5
Total	23,563.0	13,543.5	4,038.5	5,981.0

If the number of loans 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. 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.

Residential Housing Finance Bond Resolution
Bonds, Loans, and Mortgage-Backed Securities Outstanding; Remaining Acquisition Fund
Information as of September 30, 2018

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	$ -	$ 2,616,338	$ -	$ -	$ -	$ -	4.41 %	
06LMN	585,000	833,715	-	-	-	-	5.32	
07M	18,215,000	13,976,383	-	-	-	-	5.31	
09DEF	43,975,000	32,933,388	10,169,971	-	-	-	5.55	(09DEF mortgages)
							4.62	(09DEF mortgage-backed securities)
12ABCD	52,970,000	33,023,047	27,951,897	-	-	-	5.60	(12ABCD mortgages)
							3.52	(12ABCD mortgage-backed securities)
13ABC	42,160,000	17,568,781	23,516,959	-	-	-	5.27	(13ABC mortgages)
							2.64	(13ABC mortgage-backed securities)
14A	20,895,000	7,033,973	29,930,814	-	-	-	6.11	(14A mortgages)
							3.22	(14A mortgage-backed securities)
14B	21,165,000	7,757,013	28,344,772	-	-	-	5.92	(14B mortgages)
							3.33	(14B mortgage-backed securities)
14CDE	131,120,000	79,165,320	49,350,189	-	-	-	5.05	(14CDE mortgages)
							3.51	(14CDE mortgage-backed securities)
15ABCD	82,045,000	28,067,319	45,931,801	-	-	-	5.15	(15ABCD mortgages)
							3.26	(15ABCD mortgage-backed securities)
15EFG	119,315,000	56,920,597	57,229,466	-	-	-	5.22	(15EFG mortgages)
							3.53	(15EFG mortgage-backed securities)
16ABC	109,730,000	47,036,370	63,978,508	-	-	-	5.42	(16ABC mortgages)
							3.42	(16ABC mortgage-backed securities)
16DEF	118,970,000	24,831,041	90,122,735	-	-	-	5.56	(16DEF mortgages)
							3.08	(16DEF mortgage-backed securities)
17ABC	107,770,000	45,820,803	58,042,414	-	-	-	5.39	(17ABC mortgages)
							3.72	(17ABC mortgage-backed securities)
17DEF	140,100,000	22,750,534	116,812,192	-	-	-	5.43	(17DEF mortgages)
							3.59	(17DEF mortgage-backed securities)
18ABCD	132,500,000	18,409,477	124,043,665	-	-	-	5.01	(18ABCD mortgages)
							4.07	(18ABCD mortgage-backed securities)
	$ 1,141,515,000	$ 438,744,099	$ 725,425,383	$ -	$ -	$ -	4.66 %	

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2009 DEF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
728666	GNMA II	4.250 %	$ 146,599	$ 61,549
743566	GNMA II	4.250	90,944	76,989
728516	GNMA II	4.625	7,021,096	2,914,289
728614	GNMA II	4.625	1,382,011	329,654
728262	GNMA II	4.875	994,000	256,080
728517	GNMA II	4.875	2,201,720	523,503
728615	GNMA II	4.875	259,976	-
735235	GNMA II	4.875	169,063	-
728263	GNMA II	5.000	137,148	-
728518	GNMA II	5.000	525,856	-
728264	GNMA II	5.125	131,165	-
728616	GNMA II	5.125	136,999	-
AC9191	FNMA	4.562	251,697	52,693
AC6443	FNMA	4.937	143,522	-
AC6444	FNMA	5.187	309,489	159,861
Subtotal			13,901,285	4,374,617

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2009 DEF, continued

09DEF Participation Interest in the following Mortgage-Backed Securities (one-half of the principal payments but none of the interest payments paid to 09DEF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
728515	GNMA II	4.500 %	$ 5,772,392	$ 1,716,396
728534	GNMA II	4.500	3,165,225	729,933
728613	GNMA II	4.500	4,906,470	1,054,350
728261	GNMA II	4.625	1,388,274	291,100
728535	GNMA II	4.625	1,061,740	412,350
728536	GNMA II	4.875	427,435	140,356
728537	GNMA II	5.000	82,472	-
728519	GNMA II	5.125	442,344	315,361
728538	GNMA II	5.125	153,378	-
735236	GNMA II	5.125	78,419	36,793
AC9166	FNMA	4.562	315,551	208,404
AC9177	FNMA	4.562	90,196	76,416
AC9180	FNMA	4.687	64,784	-
AC9167	FNMA	4.937	85,625	-
AC9181	FNMA	5.187	59,767	-
735437	GNMA II	4.375	96,238	-
747780	GNMA II	4.375	77,205	-
735540	GNMA II	4.500	4,303,546	1,495,210
743212	GNMA II	4.500	450,062	116,339
743228	GNMA II	4.500	121,688	-
747576	GNMA II	4.500	834,588	194,314
747684	GNMA II	4.500	1,552,935	757,868
751069	GNMA II	4.500	627,065	539,788
751083	GNMA II	4.500	1,179,104	481,193
735284	GNMA II	4.625	1,408,975	301,266

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2009 DEF, continued

09DEF Participation Interest in the following Mortgage-Backed Securities (one-half of the principal payments but none of the interest payments paid to 09DEF), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
735439	GNMA II	4.625 %	$ 544,464	$ 251,219
747509	GNMA II	4.625	1,658,314	821,847
747822	GNMA II	4.625	692,065	438,925
735440	GNMA II	4.750	577,825	-
735542	GNMA II	4.750	997,704	315,381
743214	GNMA II	4.750	137,340	-
AD6803	FNMA	4.500	87,851	20,079
AD6815	FNMA	4.500	217,208	-
AE2054	FNMA	4.500	259,873	-
AE2712	FNMA	4.500	108,193	-
AD2647	FNMA	4.562	280,053	-
AD2660	FNMA	4.562	335,820	104,957
AD3417	FNMA	4.562	449,308	257,123
AD3424	FNMA	4.562	100,335	86,251
AD4234	FNMA	4.562	237,044	158,479
AD4246	FNMA	4.562	240,606	191,710
AD5859	FNMA	4.625	118,921	-
AE2713	FNMA	4.625	70,518	-
AD5863	FNMA	4.750	236,686	77,302
AE6279	FNMA	4.750	91,935	-
Subtotal			36,187,540	11,590,709
MBS Participation Interest (50%)			18,093,770	5,795,354
2009 DEF Total			$ 31,995,055	$ 10,169,971

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

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	$ 1,204,255
AO1087	FNMA	3.275	118,225	45,553
AO2408	FNMA	3.275	302,503	-
AO2409	FNMA	3.275	110,037	-
AO3786	FNMA	3.275	460,486	126,186
AO5861	FNMA	3.275	73,491	63,888
AO5869	FNMA	3.275	155,770	-
AO0387	FNMA	3.400	215,938	78,522
AO1088	FNMA	3.400	102,252	-
AO2413	FNMA	3.650	97,465	-
AO2414	FNMA	3.650	218,860	191,781
AO3787	FNMA	3.650	230,530	70,993
AO5862	FNMA	3.650	226,837	199,976
AO1089	FNMA	3.775	306,942	269,889
AO1090	FNMA	3.775	102,861	90,509
AO1099	FNMA	3.775	103,790	-
AO3779	FNMA	3.775	88,880	76,939
Subtotal			5,730,298	2,418,491

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 44,407
AA0282	GNMA II	3.375	88,231	77,143
AA0342	GNMA II	3.375	177,369	-
AA0401	GNMA II	3.375	88,982	77,817
793301	GNMA II	3.750	2,811,748	1,216,110
799957	GNMA II	3.750	2,722,740	1,249,740
799958	GNMA II	3.875	169,926	149,775
AO3773	FNMA	3.650	51,642	45,755
AO5870	FNMA	3.650	180,482	80,749
AB1497	GNMA II	3.000	212,877	128,066
AB1556	GNMA II	3.000	214,752	187,308
AB1724	GNMA II	3.000	413,923	163,746
AB1919	GNMA II	3.000	488,124	188,563
AB1725	GNMA II	3.125	304,729	106,274
AB1880	GNMA II	3.125	248,035	-
AB1904	GNMA II	3.125	84,033	-
AB1920	GNMA II	3.125	320,009	173,045

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

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	$ 261,238
AB1446	GNMA II	3.375	278,876	103,209
AB1618	GNMA II	3.500	421,599	54,122
AB1883	GNMA II	3.500	234,985	115,949
AB1923	GNMA II	3.500	385,053	121,544
AB1503	GNMA II	3.625	308,974	83,390
AB1561	GNMA II	3.625	258,242	90,423
AB1619	GNMA II	3.625	136,854	120,823
AB1646	GNMA II	3.625	378,903	100,765
AB1729	GNMA II	3.625	397,359	-
AB1767	GNMA II	3.625	158,319	139,685
AB1908	GNMA II	3.625	407,184	116,901
AB1924	GNMA II	3.625	62,523	-
AB2030	GNMA II	3.625	185,414	162,878
Subtotal			12,692,962	5,359,425
MBS Participation Interest (50.0031%)			6,346,874	2,679,879

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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
AA0104	GNMA II	3.250 %	$ 1,569,180	$ 568,631
AA0163	GNMA II	3.250	1,662,807	546,894
AA0281	GNMA II	3.250	2,286,836	1,122,558
AA0164	GNMA II	3.375	629,700	290,416
AA0198	GNMA II	3.375	88,309	-
AB1466	GNMA II	3.375	500,702	235,255
AA0076	GNMA II	3.625	2,059,751	656,653
AA0105	GNMA II	3.625	2,128,674	882,129
AA0165	GNMA II	3.625	2,775,509	1,448,060
AA0199	GNMA II	3.625	1,624,843	853,532
AA0077	GNMA II	3.750	591,767	214,832
AA0106	GNMA II	3.750	787,881	326,656
AA0166	GNMA II	3.750	630,630	422,781
AA0200	GNMA II	3.750	200,358	176,130
AA0284	GNMA II	3.750	95,198	-
AA0344	GNMA II	3.750	142,779	-
799890	GNMA II	4.000	79,297	68,990
799891	GNMA II	4.250	105,121	-
775568	GNMA II	3.375	860,742	621,623
775591	GNMA II	3.375	245,129	96,007
775599	GNMA II	3.375	581,951	66,999
775660	GNMA II	3.375	694,558	333,911
775708	GNMA II	3.375	391,681	281,579
775724	GNMA II	3.375	620,960	376,697
792333	GNMA II	3.375	137,417	119,365

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), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
792369	GNMA II	3.375 %	$ 758,203	$ 338,088
792402	GNMA II	3.375	338,061	295,342
792437	GNMA II	3.375	179,393	-
792474	GNMA II	3.375	118,586	103,571
775569	GNMA II	3.500	302,172	144,749
775592	GNMA II	3.500	57,308	50,141
775661	GNMA II	3.500	544,072	202,314
775709	GNMA II	3.500	221,472	193,765
775725	GNMA II	3.500	70,112	-
792334	GNMA II	3.500	165,019	144,385
792370	GNMA II	3.500	147,233	123,769
792403	GNMA II	3.500	130,749	114,366
775472	GNMA II	3.750	339,576	298,578
775570	GNMA II	3.750	406,357	110,370
775593	GNMA II	3.750	819,660	289,842
775600	GNMA II	3.750	432,456	141,094
775662	GNMA II	3.750	1,130,068	811,537
775710	GNMA II	3.750	481,146	225,402
775726	GNMA II	3.750	469,492	360,192
792335	GNMA II	3.750	559,141	290,288
792371	GNMA II	3.750	640,200	132,305
775571	GNMA II	3.875	213,634	107,503
775594	GNMA II	3.875	1,086,404	459,883
775663	GNMA II	3.875	658,054	261,065
775711	GNMA II	3.875	271,899	-
775727	GNMA II	3.875	292,380	129,458

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), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
792336	GNMA II	3.875 %	$ 172,151	$ 41,672
792372	GNMA II	3.875	124,372	60,658
792405	GNMA II	3.875	133,109	45,621
775595	GNMA II	4.000	150,911	-
775601	GNMA II	4.000	81,462	-
775664	GNMA II	4.000	173,887	102,003
775712	GNMA II	4.000	112,806	-
775676	GNMA II	4.125	153,278	135,553
775713	GNMA II	4.125	84,659	-
774854	GNMA II	4.250	581,713	240,296
774888	GNMA II	4.250	207,383	58,484
775596	GNMA II	4.250	366,413	-
775677	GNMA II	4.250	415,662	-
775714	GNMA II	4.250	199,022	111,402
775728	GNMA II	4.250	175,605	63,218
792373	GNMA II	4.250	112,194	-
775678	GNMA II	4.375	116,417	-
775513	GNMA II	4.500	231,520	70,065
Subtotal			35,917,191	15,966,678
MBS Participation Interest (50.0021%)			17,959,350	7,983,674

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 880,758
AA0469	GNMA II	3.625	1,650,089	909,178
799861	GNMA II	3.750	1,863,656	529,393
AC8104	GNMA II	2.875	4,097,610	2,044,597
AB2093	GNMA II	3.125	271,185	-
AC7756	GNMA II	3.125	637,851	181,328
Subtotal			10,013,682	4,545,253
MBS Participation Interest (50.0019%)			5,007,031	2,272,713

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 43,417
799886	GNMA II	3.250	495,166	122,088
799954	GNMA II	3.250	931,842	465,970
AA0003	GNMA II	3.250	202,922	75,820
AA0074	GNMA II	3.250	1,667,721	574,225
AA0341	GNMA II	3.250	1,943,418	1,069,811
AA0400	GNMA II	3.250	1,699,366	548,577
AA0467	GNMA II	3.250	1,166,842	549,793
AB1465	GNMA II	3.250	492,658	277,569
793298	GNMA II	3.375	1,284,543	715,957
799859	GNMA II	3.375	1,311,886	773,203
799887	GNMA II	3.375	930,061	280,949
AA0004	GNMA II	3.375	790,402	687,332
AA0075	GNMA II	3.375	591,125	304,129
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	257,085
799888	GNMA II	3.625	709,598	306,950
799956	GNMA II	3.625	981,586	213,305
AA0005	GNMA II	3.625	1,000,098	611,108
AA0283	GNMA II	3.625	2,151,221	825,328
AA0343	GNMA II	3.625	2,509,161	1,480,577
799889	GNMA II	3.750	1,010,556	263,848
AA0014	GNMA II	3.750	886,095	527,638
AA0403	GNMA II	3.750	281,417	88,843

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	78,808
AR5611	FNMA	2.525	94,711	83,234
AR5614	FNMA	2.525	925,382	822,506
AR5616	FNMA	2.525	1,159,097	709,475
AR5617	FNMA	2.525	1,331,635	749,751
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	199,024
AR8764	FNMA	2.525	267,323	69,651
AR8770	FNMA	2.525	84,793	75,022
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	54,286
AT1917	FNMA	2.525	109,673	97,090
AT1921	FNMA	2.525	186,999	142,896
AT4624	FNMA	2.525	2,331,268	1,420,137
AT4628	FNMA	2.525	655,444	354,605
AT4633	FNMA	2.525	641,811	550,790
AT4742	FNMA	2.525	248,978	217,979
AT6228	FNMA	2.525	59,752	52,840
AQ9144	FNMA	2.530	80,418	67,695
AR5615	FNMA	2.650	134,553	115,608
AT1922	FNMA	2.650	128,883	106,442
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	289,737

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	$ 256,951
AR8778	FNMA	2.775	75,520	67,163
AT1918	FNMA	2.775	142,319	124,563
AT1923	FNMA	2.775	103,253	89,779
AT4758	FNMA	2.775	214,584	79,362
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	33,253
AR8771	FNMA	2.900	226,641	198,002
AR8776	FNMA	2.900	99,476	87,834
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	179,000
AT1908	FNMA	2.900	83,511	72,787
AT1924	FNMA	2.900	170,815	149,559
AT4743	FNMA	2.900	178,897	159,640
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	87,768
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	84,706

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 77,193
AR1324	FNMA	3.030	74,217	66,479
AR8766	FNMA	3.275	90,618	80,709
Subtotal			36,291,598	19,215,845
MBS Participation Interest (65.556%)			23,791,320	12,597,139
2012 ABCD Total			$ 58,834,874	$ 27,951,897

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	71,919
AC8185	GNMA II	2.500	351,176	186,682
AC8306	GNMA II	2.500	1,234,130	612,875
AC8346	GNMA II	2.500	1,377,119	628,753
AC8371	GNMA II	2.500	536,055	288,779
AC8375	GNMA II	2.500	409,690	359,159
AD7480	GNMA II	2.500	490,678	246,898
AT4629	FNMA	2.650	788,890	374,217
AT7528	FNMA	2.650	1,633,992	1,201,931
AR5612	FNMA	2.775	86,370	-
AR5621	FNMA	2.775	168,901	151,301
AT4626	FNMA	2.775	285,628	96,996
AT7529	FNMA	2.775	343,062	-
AT4627	FNMA	2.900	149,529	134,309
AT4631	FNMA	2.900	169,550	152,292
AR0869	FNMA	3.150	75,992	67,690
AR2964	FNMA	3.150	129,684	115,977
AR5596	FNMA	3.150	59,464	52,391
AT1046	FNMA	3.275	134,213	119,106
AR8780	FNMA	3.400	74,302	66,674
AQ6038	FNMA	3.650	98,340	-
Subtotal			8,754,430	4,927,950

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 43,417
799886	GNMA II	3.250	495,166	122,088
799954	GNMA II	3.250	931,842	465,970
AA0003	GNMA II	3.250	202,922	75,820
AA0074	GNMA II	3.250	1,667,721	574,225
AA0341	GNMA II	3.250	1,943,418	1,069,811
AA0400	GNMA II	3.250	1,699,366	548,577
AA0467	GNMA II	3.250	1,166,842	549,793
AB1465	GNMA II	3.250	492,658	277,569
793298	GNMA II	3.375	1,284,543	715,957
799859	GNMA II	3.375	1,311,886	773,203
799887	GNMA II	3.375	930,061	280,949
AA0004	GNMA II	3.375	790,402	687,332
AA0075	GNMA II	3.375	591,125	304,129
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	257,085
799888	GNMA II	3.625	709,598	306,950
799956	GNMA II	3.625	981,586	213,305
AA0005	GNMA II	3.625	1,000,098	611,108
AA0283	GNMA II	3.625	2,151,221	825,328
AA0343	GNMA II	3.625	2,509,161	1,480,577
799889	GNMA II	3.750	1,010,556	263,848
AA0014	GNMA II	3.750	886,095	527,638
AA0403	GNMA II	3.750	281,417	88,843

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	78,808
AR5611	FNMA	2.525	94,711	83,234
AR5614	FNMA	2.525	925,382	822,506
AR5616	FNMA	2.525	1,159,097	709,475
AR5617	FNMA	2.525	1,331,635	749,751
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	199,024
AR8764	FNMA	2.525	267,323	69,651
AR8770	FNMA	2.525	84,793	75,022
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	54,286
AT1917	FNMA	2.525	109,673	97,090
AT1921	FNMA	2.525	186,999	142,896
AT4624	FNMA	2.525	2,331,268	1,420,137
AT4628	FNMA	2.525	655,444	354,605
AT4633	FNMA	2.525	641,811	550,790
AT4742	FNMA	2.525	248,978	217,979
AT6228	FNMA	2.525	59,752	52,840
AQ9144	FNMA	2.530	80,418	67,695
AR5615	FNMA	2.650	134,553	115,608
AT1922	FNMA	2.650	128,883	106,442
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	289,737

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	$ 256,951
AR8778	FNMA	2.775	75,520	67,163
AT1918	FNMA	2.775	142,319	124,563
AT1923	FNMA	2.775	103,253	89,779
AT4758	FNMA	2.775	214,584	79,362
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	33,253
AR8771	FNMA	2.900	226,641	198,002
AR8776	FNMA	2.900	99,476	87,834
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	179,000
AT1908	FNMA	2.900	83,511	72,787
AT1924	FNMA	2.900	170,815	149,559
AT4743	FNMA	2.900	178,897	159,640
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	87,768
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	84,706
AR5597	FNMA	3.025	86,505	77,193
AR1324	FNMA	3.030	74,217	66,479
AR8766	FNMA	3.275	90,618	80,709
Subtotal			36,291,598	19,215,845
MBS Participation Interest (34.444%)			12,500,278	6,618,706

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	$ 852,161
AC8401	GNMA II	2.500	48,506	-
AC8517	GNMA II	2.500	705,460	497,233
AC8521	GNMA II	2.500	281,308	246,913
AD7201	GNMA II	2.500	1,146,241	588,034
AD7306	GNMA II	2.500	528,762	298,840
AD7309	GNMA II	2.500	110,433	95,097
AD7322	GNMA II	2.500	884,732	473,916
AD7328	GNMA II	2.500	94,607	-
AD7411	GNMA II	2.500	1,324,919	920,786
AD7520	GNMA II	2.500	144,206	126,169
AD7323	GNMA II	2.625	152,254	134,212
AD7412	GNMA II	2.625	487,240	219,637
AD7481	GNMA II	2.625	1,315,697	819,271
AD7521	GNMA II	2.625	973,807	640,469
AD7525	GNMA II	2.625	199,960	172,258
AD7549	GNMA II	2.625	1,253,675	733,130
AC8103	GNMA II	2.750	54,282	47,883
AC8347	GNMA II	2.750	465,500	410,064
AC8397	GNMA II	2.750	533,047	119,187
AC7907	GNMA II	2.875	333,360	115,422
AC8150	GNMA II	2.875	261,715	231,253
AB2123	GNMA II	3.125	45,546	-
AE9846	GNMA II	2.750	1,378,784	459,492

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	$ 261,967
AC8307	GNMA II	2.875	1,846,536	676,468
AC8402	GNMA II	2.875	173,194	-
AC8519	GNMA II	2.875	810,878	464,578
AD7203	GNMA II	2.875	782,422	450,764
AD7206	GNMA II	2.875	164,941	57,941
AD7308	GNMA II	2.875	624,792	219,591
AD7325	GNMA II	2.875	740,110	421,847
AD7330	GNMA II	2.875	171,991	152,022
AD7414	GNMA II	2.875	1,175,447	741,483
AD7483	GNMA II	2.875	1,515,476	859,659
AD7523	GNMA II	2.875	1,693,438	1,025,847
AB2189	GNMA II	3.000	309,432	272,311
AC8308	GNMA II	3.000	123,199	-
AD7204	GNMA II	3.000	129,612	114,674
AD7331	GNMA II	3.000	107,285	94,862
AC8232	GNMA II	3.125	120,991	107,393
AD7205	GNMA II	3.125	110,891	98,222
AC8520	GNMA II	3.250	162,886	-
AD7326	GNMA II	3.250	132,431	117,488

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	14,338,544
MBS Participation Interest (49.9991%)			12,855,034	7,169,143

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 164,486
AC8518	GNMA II	2.750	845,766	319,576
AD7202	GNMA II	2.750	869,613	410,402
AD7307	GNMA II	2.750	1,250,082	904,976
AD7310	GNMA II	2.750	193,849	111,528
AD7324	GNMA II	2.750	1,244,417	1,000,809
AD7329	GNMA II	2.750	271,710	243,385
AD7413	GNMA II	2.750	1,437,921	850,191
AD7482	GNMA II	2.750	485,833	156,421
AD7522	GNMA II	2.750	421,289	134,718
AD7550	GNMA II	2.750	410,972	368,106
AC8231	GNMA II	2.875	132,608	118,642
AD7524	GNMA II	2.500	366,796	325,517
AH1961	GNMA II	3.500	7,364,353	4,479,202
Subtotal			15,485,495	9,587,958
MBS Participation Interest (50.0749%)			7,754,346	4,801,160
2013 ABC Total			$ 41,864,089	$ 23,516,959

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 5,400,529
AG5765	GNMA II	2.50000	316,604	156,214
AG5963	GNMA II	2.50000	1,262,580	800,628
AH1875	GNMA II	2.50000	191,709	168,800
AH1963	GNMA II	2.50000	104,423	-
AD7552	GNMA II	2.62500	144,570	-
AE9848	GNMA II	2.62500	295,162	146,955
AF0094	GNMA II	2.62500	1,830,376	1,198,751
AD7484	GNMA II	2.75000	128,043	-
AE9849	GNMA II	2.75000	422,789	378,376
AF0095	GNMA II	2.75000	4,016,907	2,324,664
AB2188	GNMA II	2.87500	187,304	165,569
AC7869	GNMA II	2.87500	110,020	-
AC8522	GNMA II	2.87500	160,866	143,303
AF0096	GNMA II	2.87500	4,793,493	2,716,688
AF0100	GNMA II	2.87500	290,236	190,868
AH2036	GNMA II	3.00000	188,565	169,698
AC8400	GNMA II	3.37500	75,093	67,905
AD7527	GNMA II	3.50000	126,205	114,117
AH2038	GNMA II	4.00000	7,708,814	4,731,554
AU2989	FNMA	2.50000	235,065	213,181
AR5613	FNMA	2.52500	1,826,086	1,109,113
AT7533	FNMA	2.52500	294,640	256,652
AT7537	FNMA	2.52500	198,067	174,946
AT6230	FNMA	2.65000	129,631	116,880
AT9859	FNMA	2.65000	314,356	140,798
AU3003	FNMA	2.65000	310,784	247,883
AT9857	FNMA	2.77500	273,807	-

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2014 A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AU3004	FNMA	2.77500 %	$ 459,566	$ 395,031
AT7530	FNMA	2.90000	1,384,135	752,443
AT7536	FNMA	2.90000	208,793	45,405
AU2995	FNMA	3.00000	230,170	100,804
AU2998	FNMA	3.50000	505,749	459,088
AV8366	FNMA	3.50000	346,325	315,451
AV8369	FNMA	3.50000	169,107	-
AU2999	FNMA	4.00000	3,020,694	1,751,890
AV7824	FNMA	4.00000	1,452,376	1,205,120
AV8367	FNMA	4.00000	2,573,110	1,650,828
AV9663	FNMA	4.00000	1,665,715	1,021,737
AU3000	FNMA	4.50000	539,304	80,029
AV8368	FNMA	4.50000	881,800	311,829
AV8371	FNMA	4.50000	509,016	363,913
AV9664	FNMA	4.50000	474,456	343,173
2014 A Total			$ 50,003,520	$ 29,930,814

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2014 B

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AE9844	GNMA II	2.50000 %	$ 77,426	$ 68,433
AD7526	GNMA II	2.87500	351,259	120,561
AD7553	GNMA II	2.87500	147,810	-
AE9850	GNMA II	2.87500	1,181,296	430,696
AH1962	GNMA II	4.00000	4,733,247	2,972,079
AH2597	GNMA II	4.00000	6,274,669	3,185,610
AT7534	FNMA	2.65000	5,463,918	2,979,217
AT7538	FNMA	2.65000	2,494,989	1,530,329
AU3007	FNMA	2.65000	62,017	-
AT9860	FNMA	2.90000	140,050	127,029
AU2982	FNMA	3.00000	9,469,151	5,790,623
AU3006	FNMA	3.02500	389,185	163,554
AV7823	FNMA	3.50000	64,250	59,098
AW1961	FNMA	4.50000	580,247	300,436
Subtotal			31,429,514	17,727,664

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 325,517
AH1961	GNMA II	3.500	7,364,353	4,479,202
AC8372	GNMA II	2.750	190,286	164,486
AC8518	GNMA II	2.750	845,766	319,576
AD7202	GNMA II	2.750	869,613	410,402
AD7307	GNMA II	2.750	1,250,082	904,976
AD7310	GNMA II	2.750	193,849	111,528
AD7324	GNMA II	2.750	1,244,417	1,000,809
AD7329	GNMA II	2.750	271,710	243,385
AD7413	GNMA II	2.750	1,437,921	850,191
AD7482	GNMA II	2.750	485,833	156,421
AD7522	GNMA II	2.750	421,289	134,718
AD7550	GNMA II	2.750	410,972	368,106
AC8231	GNMA II	2.875	132,608	118,642
Subtotal			15,485,495	9,587,958
MBS Participation Interest (49.9251%)			7,731,149	4,786,797

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	$ 203,381
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	597,075
AF0099	GNMA II	2.750	197,808	114,921
AH1960	GNMA II	3.000	101,458	93,246
AH1964	GNMA II	3.500	640,759	329,891
AH2037	GNMA II	3.500	7,775,339	3,526,819
AH2592	GNMA II	3.500	709,704	410,891
AV7825	FNMA	4.500	201,546	188,593
AI4176	GNMA II	3.500	21,964,999	12,317,239
Subtotal			32,679,957	17,782,057
MBS Participation Interest (32.7876%)			10,714,974	5,830,310
2014 B Total			$ 49,875,636	$ 28,344,772

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

2014 CDE

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AI4923	GNMA II	3.000 %	$ 265,792	$ 101,854
AH2644	GNMA II	3.500	291,681	60,559
AI4077	GNMA II	4.000	611,359	428,536
AI4768	GNMA II	4.000	454,754	173,727
AI4925	GNMA II	4.000	155,571	144,401
AW3995	FNMA	4.500	138,928	-
Subtotal			1,918,085	909,077

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	$ 12,317,239
AF0093	GNMA II	2.500	224,137	203,381
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	597,075
AF0099	GNMA II	2.750	197,808	114,921
AH1960	GNMA II	3.000	101,458	93,246
AH1964	GNMA II	3.500	640,759	329,891
AH2037	GNMA II	3.500	7,775,339	3,526,819
AH2592	GNMA II	3.500	709,704	410,891
AV7825	FNMA	4.500	201,546	188,593
Subtotal			32,679,957	17,782,057
MBS Participation Interest (67.2124%)			21,964,983	11,951,748

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 209,458
AH2598	GNMA II	3.500	178,836	11,242
AH2684	GNMA II	3.500	129,781	-
AI4076	GNMA II	3.500	438,494	407,034
AI4125	GNMA II	3.500	133,278	-
AH1965	GNMA II	4.000	621,071	311,474
AH2599	GNMA II	4.000	372,689	226,159
AX8552	FNMA	4.500	115,889	-
AX8124	FNMA	3.500	2,206,586	1,618,877
Subtotal			4,423,344	2,784,243
MBS Participation Interest (50.115%)			2,216,759	1,395,324

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 17,304,648
AX3836	FNMA	3.500	2,224,511	1,689,501
Subtotal			27,875,749	18,994,149
MBS Participation Interest (92.0199%)			25,651,236	17,478,397

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 16,066,326
AM8612	GNMA I	3.000	9,358,396	6,608,034
AM8937	GNMA I	3.000	5,807,044	4,638,509
AM8938	GNMA I	3.000	4,951,378	4,047,936
AM8939	GNMA I	3.000	4,876,401	4,005,370
Subtotal			49,796,511	35,366,174
MBS Participation Interest (49.8093%)			24,803,294	17,615,644
2014 CDE Total			$ 76,554,357	$ 49,350,189

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2015 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AK6400	GNMA II	3.000 %	$ 330,846	$ 103,283
AM8941	GNMA II	3.500	2,915,549	1,606,361
AM8943	GNMA II	3.500	205,216	192,933
AI4179	GNMA II	4.000	242,654	136,106
AM8942	GNMA II	4.000	39,872	-
AY5082	FNMA	3.500	1,743,318	1,327,235
AY5083	FNMA	3.500	499,627	169,389
AY5085	FNMA	3.500	2,322,111	1,678,740
AZ1657	FNMA	3.500	5,349,068	3,759,643
AZ1658	FNMA	4.000	248,181	70,863
Subtotal			13,896,443	9,044,552

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 6,608,034
AM8937	GNMA I	3.000	5,807,044	4,638,509
AM8938	GNMA I	3.000	4,951,378	4,047,936
AM8939	GNMA I	3.000	4,876,401	4,005,370
AI4767	GNMA II	3.500	24,803,293	16,066,326
Subtotal			49,796,511	35,366,174
MBS Participation Interest (50.1907%)			24,993,218	17,750,530

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 4,058,449
AM8555	GNMA II	3.500	3,739,824	2,968,952
AM8613	GNMA II	3.500	5,921,770	4,138,236
AZ5831	FNMA	3.500	6,715,036	5,516,402
AO8779	GNMA I	3.500	8,562,123	6,474,035
AY5078	FNMA	3.500	361,049	344,267
BA0621	FNMA	3.500	273,743	261,603
BA0623	FNMA	3.500	1,569,485	1,215,967
Subtotal			31,663,327	24,977,911
MBS Participation Interest (65.9973%)			20,896,941	16,484,747

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	$ 2,375,177
AM8556	GNMA II	3.500	306,712	289,204
AY5084	FNMA	3.500	362,410	-
AY5086	FNMA	3.500	3,739,337	2,639,903
Subtotal			8,202,970	5,304,284
MBS Participation Interest (49.9968%)			4,101,222	2,651,972
2015 ABCD Total			$ 63,887,824	$ 45,931,801

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

2015 EFG

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BA0468	FNMA	3.000 %	$ 175,224	$ 166,018
AY5095	FNMA	3.500	476,397	-
AZ5833	FNMA	3.500	352,966	216,453
BA0469	FNMA	3.500	5,231,315	4,004,897
BA0470	FNMA	4.000	3,729,896	2,645,260
BA2501	FNMA	4.000	4,118,053	2,996,346
Subtotal			14,083,852	10,028,973

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	$ 6,474,035
AY5078	FNMA	3.500	361,049	344,267
BA0621	FNMA	3.500	273,743	261,603
BA0623	FNMA	3.500	1,569,485	1,215,967
AM8940	GNMA I	3.000	4,520,297	4,058,449
AM8555	GNMA II	3.500	3,739,824	2,968,952
AM8613	GNMA II	3.500	5,921,770	4,138,236
AZ5831	FNMA	3.500	6,715,036	5,516,402
Subtotal			31,663,327	24,977,911
MBS Participation Interest (34.0027%)			10,766,386	8,493,164

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	$ 197,891
AO8641	GNMA II	3.500	7,879,767	5,173,005
AI4769	GNMA II	3.500	2,575,665	1,625,875
A08783	GNMA II	3.500	485,760	364,227
AO9369	GNMA I	3.500	5,165,142	4,183,755
Subtotal			16,468,978	11,544,754
MBS Participation Interest (50.0481%)			8,242,411	5,777,930

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	$ 885,860
BA0640	FNMA	3.500	848,267	811,446
BA0638	FNMA	4.000	105,339	99,581
BA6223	FNMA	4.000	190,469	182,059
Subtotal			2,280,776	1,978,946
MBS Participation Interest (49.8383%)			1,136,700	986,273

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	$ 1,858,125
Subtotal			2,433,041	1,858,125
MBS Participation Interest (49.9919%)			1,216,323	928,912

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	$ 283,434
BC9423	FNMA	3.000	276,525	265,177
BC4085	FNMA	3.500	1,473,617	1,191,146
BC4097	FNMA	3.500	2,820,746	2,562,319
Subtotal			4,867,662	4,302,075
MBS Participation Interest (24.996%)			1,216,721	1,075,347

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	$ 1,352,215
AO8774	GNMA I	3.000	2,049,815	1,485,512
AM8976	GNMA II	3.500	486,464	277,029
AM9030	GNMA II	3.500	459,995	287,676
AO8775	GNMA II	3.500	4,172,145	3,323,142
AO8776	GNMA II	3.500	4,878,678	3,704,984
AO8777	GNMA II	3.500	4,710,655	3,885,434
AO8780	GNMA I	3.500	5,472,547	4,457,146
AO8781	GNMA I	3.500	10,554,848	8,130,352
AR0752	GNMA II	3.500	7,079,482	6,041,820
AR0753	GNMA II	3.500	7,442,958	6,110,850
BC4088	FNMA	3.500	2,244,234	2,155,957
BC4086	FNMA	4.000	466,950	449,551
Subtotal			51,599,551	41,661,669
MBS Participation Interest (66.6012%)			34,365,920	27,747,172

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	$ 1,909,109
BA0622	FNMA	4.000	375,062	166,402
Subtotal			2,587,096	2,075,512
MBS Participation Interest (50.0166%)			1,293,977	1,038,100

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	$ 5,930,104
BD2362	FNMA	3.000	220,994	212,592
BD5918	FNMA	3.500	265,962	257,282
BC4100	FNMA	4.000	199,298	191,992
Subtotal			7,389,244	6,591,970
MBS Participation Interest (17.5%)			1,293,118	1,153,595
2015 EFG Total			$ 73,615,407	$ 57,229,466

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

2016 ABC

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BC4087	FNMA	3.500 %	$ 148,237	$ 142,879
BC6964	FNMA	3.500	6,593,541	5,674,017
BC4091	FNMA	4.000	110,858	105,914
Subtotal			6,852,636	5,922,810

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	$ 6,041,820
AR0753	GNMA II	3.500	7,442,958	6,110,850
BC4088	FNMA	3.500	2,244,234	2,155,957
BC4086	FNMA	4.000	466,950	449,551
AM9028	GNMA I	3.000	1,580,780	1,352,215
AO8774	GNMA I	3.000	2,049,815	1,485,512
AM8976	GNMA II	3.500	486,464	277,029
AM9030	GNMA II	3.500	459,995	287,676
AO8775	GNMA II	3.500	4,172,145	3,323,142
AO8776	GNMA II	3.500	4,878,678	3,704,984
AO8777	GNMA II	3.500	4,710,655	3,885,434
AO8780	GNMA I	3.500	5,472,547	4,457,146
AO8781	GNMA I	3.500	10,554,848	8,130,352
Subtotal			51,599,551	41,661,669
MBS Participation Interest (33.3988%)			17,233,626	13,914,493

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	$ 2,873,122
BC5191	FNMA	3.500	2,048,514	1,842,670
BC5179	FNMA	4.000	323,883	312,671
Subtotal			5,644,425	5,028,464
MBS Participation Interest (50.0010%)			2,822,269	2,514,282

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	$ 903,359
BD7768	FNMA	3.000	3,350,804	3,147,783
BC4099	FNMA	3.500	3,002,514	2,409,978
BC5180	FNMA	3.500	137,186	132,371
BC9426	FNMA	3.500	182,077	175,571
BD5216	FNMA	3.500	3,670,214	3,533,067
BD7770	FNMA	3.500	3,826,556	3,447,485
BD2361	FNMA	4.000	1,021,873	984,813
Subtotal			16,126,618	14,734,427
MBS Participation Interest (17.5%)			2,822,158	2,578,525

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	$ 4,860,060
B32197	FHLMC	3.000	282,833	272,500
BE0291	FNMA	3.000	5,134,247	4,407,649
BD5924	FNMA	3.500	363,030	189,992
Subtotal			11,114,610	9,730,202
MBS Participation Interest (20.055%)			2,229,035	1,951,392

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	$ 3,167,856
BC6965	FNMA	4.000	826,966	526,564
Subtotal			4,457,306	3,694,420
MBS Participation Interest (49.9914%)			2,228,270	1,846,892

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	$ 3,408,094
AR0749	GNMA II	3.000	3,953,558	3,732,358
AR0650	GNMA II	3.500	4,534,923	4,155,090
AR0651	GNMA II	3.500	4,522,700	3,941,552
AR0652	GNMA I	3.500	1,242,123	835,032
AR0750	GNMA II	3.500	6,913,842	5,355,175
AR0751	GNMA II	3.500	6,741,319	5,857,606
AX5784	GNMA II	2.500	259,963.00	250,387
AT8392	GNMA II	3.000	14,213,412	13,190,793
AT8393	GNMA I	3.000	12,562,961	11,333,680
AT8285	GNMA II	3.500	137,602	132,969
BD5933	FNMA	3.500	1,759,859	1,704,069
BE1718	FNMA	3.500	2,575,271	2,357,267
BA0636	FNMA	4.000	274,452	157,413
Subtotal			63,569,307	56,411,485
MBS Participation Interest (50.0018%)			31,785,798	28,206,758

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	$ 4,021,748
AR0754	GNMA I	3.500	1,654,732	1,603,034
BC4089	FNMA	4.000	1,338,492	1,205,418
Subtotal			7,633,958	6,830,199
MBS Participation Interest (50.005%)			3,817,361	3,415,441

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	$ 7,014,411
BD5941	FNMA	3.000	1,656,405	1,607,470
BE6508	FNMA	3.000	8,329,390	8,074,137
BE6509	FNMA	3.500	4,266,225	4,074,416
BA0626	FNMA	4.000	195,342	190,237
Subtotal			22,050,803	20,960,670
MBS Participation Interest (17.3082%)			3,816,597	3,627,915
2016 ABC Total			$ 73,607,749	$ 63,978,508

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

2016 DEF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8282	GNMA II	2.500 %	$ 468,571	$ 450,360
AT8391	GNMA II	2.500	496,079	477,058
AT7716	GNMA I	3.000	1,623,547	1,449,288
AX5785	GNMA II	3.000	4,466,933	3,951,629
AT8394	GNMA II	3.500	159,514	152,977
B32215	FHLMC	3.000	939,625	797,138
B32217	FHLMC	3.000	410,812	397,220
B32218	FHLMC	3.500	296,567	169,949
BD5932	FNMA	3.000	1,379,466	1,009,604
BE1717	FNMA	3.000	5,428,580	5,240,469
BE4461	FNMA	3.000	4,411,237	4,108,196
BA0630	FNMA	3.500	451,951	438,703
BA0633	FNMA	3.500	1,483,230	1,264,844
BD5219	FNMA	3.500	914,423	727,042
BA0634	FNMA	4.000	1,796,880	1,341,616
Subtotal			24,727,415	21,976,093

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	$ 250,387
AT8392	GNMA II	3.000	14,213,412	13,190,793
AT8393	GNMA I	3.000	12,562,961	11,333,680
AT8285	GNMA II	3.500	137,602	132,969
BD5933	FNMA	3.500	1,759,859	1,704,069
BE1718	FNMA	3.500	2,575,271	2,357,267
BA0636	FNMA	4.000	274,452	157,413
AR0747	GNMA I	3.000	3,877,322	3,408,094
AR0749	GNMA II	3.000	3,953,558	3,732,358
AR0650	GNMA II	3.500	4,534,923	4,155,090
AR0651	GNMA II	3.500	4,522,700	3,941,552
AR0652	GNMA I	3.500	1,242,123	835,032
AR0750	GNMA II	3.500	6,913,842	5,355,175
AR0751	GNMA II	3.500	6,741,319	5,857,606
Subtotal			63,569,307	56,411,485
MBS Participation Interest (49.9982%)			31,783,509	28,204,727

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	$ 3,147,963
Subtotal			3,392,549	3,147,963
MBS Participation Interest (50.005%)			1,696,444	1,574,139

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	$ 7,014,411
BD5941	FNMA	3.000	1,656,405	1,607,470
BE6508	FNMA	3.000	8,329,390	8,074,137
BE6509	FNMA	3.500	4,266,225	4,074,416
BA0626	FNMA	4.000	195,342	190,237
Subtotal			22,050,803	20,960,670
MBS Participation Interest (7.6918%)			1,696,104	1,612,253

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	$ 9,005,783
B32216	FHLMC	3.500	458,940	443,799
Subtotal			10,346,472	9,449,582
MBS Participation Interest (50%)			5,173,236	4,724,791

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	$ 118,068
AT8149	GNMA II	3.000	322,685	312,754
AX5793	GNMA II	3.000	465,572	314,670
AX5986	GNMA I	3.000	3,732,410	3,461,683
AO9501	GNMA II	3.500	448,599	435,253
AT7498	GNMA II	3.500	92,943	90,209
AX5915	GNMA II	3.500	520,800	506,516
AX5989	GNMA II	3.500	4,873,647	4,739,166
AX5990	GNMA II	4.000	1,364,441	1,328,831
B32222	FHLMC	4.000	113,706	110,955
BE4720	FNMA	3.000	649,691	517,836
BE6512	FNMA	3.000	395,064	384,102
BE7856	FNMA	3.000	958,379	928,840
BE7857	FNMA	3.500	6,632,991	6,285,258
Subtotal			20,692,948	19,534,141
MBS Participation Interest (25.0%)			5,173,237	4,883,535

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	$ 4,548,138
Subtotal			5,041,826	4,548,138
MBS Participation Interest (50.0%)			2,520,913	2,274,069

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	$ 503,814
AX6116	GNMA II	3.000	1,707,090	1,300,279
AX6120	GNMA II	3.000	112,066	109,081
AX6206	GNMA II	3.000	212,943	207,195
AO9439	GNMA II	3.500	529,841	339,550
AX6119	GNMA II	4.000	892,247	868,246
AX6124	GNMA II	4.000	196,802	192,302
BE6511	FNMA	3.000	324,596	314,575
BH0318	FNMA	3.500	1,335,630	1,303,010
BE4726	FNMA	4.000	1,382,950	1,353,242
BE9284	FNMA	4.000	175,450	170,756
Subtotal			7,525,112	6,662,051
MBS Participation Interest (33.5%)			2,520,912	2,231,787

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	$ 6,050,129
BD5937	FNMA	3.500	2,044,924	2,002,349
AX5786	GNMA II	3.000	4,961,391	4,566,403
AX5787	GNMA II	3.000	4,961,764	4,427,022
AX5788	GNMA I	3.000	6,156,959	5,579,465
BE4732	FNMA	3.000	98,583	96,466
BH2912	FNMA	4.000	2,974,665	2,921,674
AT8286	GNMA II	3.000	457,633	445,048
AX6515	GNMA II	3.500	5,492,465	5,296,869
AX6516	GNMA II	4.000	3,139,100	2,577,434
Subtotal			36,485,488	33,962,860
MBS Participation Interest (66.665%)			24,323,051	22,641,341
2016 DEF Total			$ 99,614,822	$ 90,122,735

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

2017 ABC

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BD7772	FNMA	3.000 %	$ 196,706	$ 192,341
BE0294	FNMA	3.000	179,604	175,626
BE4734	FNMA	3.000	148,729	145,679
BE7859	FNMA	3.000	468,577	456,015
BH2729	FNMA	3.000	383,724	374,587
BH4648	FNMA	3.000	126,200	123,305
BC4095	FNMA	3.500	438,704	421,592
BD5939	FNMA	3.500	159,402	156,149
BE0295	FNMA	3.500	119,348	116,765
BE4733	FNMA	3.500	328,824	322,523
BE4735	FNMA	3.500	537,739	528,042
BH2730	FNMA	3.500	1,254,329	1,226,937
BH4649	FNMA	3.500	1,004,240	979,980
BH2737	FNMA	4.000	456,858	448,328
BH2734	FNMA	4.500	174,246	171,081
BH4654	FNMA	4.500	516,158	507,137
AT8152	GNMA II	3.000	270,196	263,267
AX5912	GNMA II	3.000	682,872	666,207
AR0758	GNMA II	3.500	638,048	622,520
AR0759	GNMA II	3.500	584,144	570,893
AT7611	GNMA II	3.500	152,881	149,318
AX5916	GNMA II	3.500	376,517	334,018
AX5993	GNMA II	3.500	468,901	458,006
AX6123	GNMA II	3.500	526,494	515,573
AX6518	GNMA II	3.500	640,271	626,695
Subtotal			10,833,711	10,552,583

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	$ 96,466
BH2912	FNMA	4.000	2,974,665	2,921,674
AT8286	GNMA II	3.000	457,633	445,048
AX6515	GNMA II	3.500	5,492,465	5,296,869
AX6516	GNMA II	4.000	3,139,100	2,577,434
BE4462	FNMA	3.000	6,198,005	6,050,129
BD5937	FNMA	3.500	2,044,924	2,002,349
AX5786	GNMA II	3.000	4,961,391	4,566,403
AX5787	GNMA II	3.000	4,961,764	4,427,022
AX5788	GNMA I	3.000	6,156,959	5,579,465
Subtotal			36,485,488	33,962,860
MBS Participation Interest (33.335%)			12,162,438	11,321,520

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	$ 2,259,397
Subtotal			2,290,805	2,259,397
MBS Participation Interest (50.0%)			1,145,402	1,129,699

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	$ 209,088
BJ1725	FNMA	4.000	1,937,075	1,910,859
AX6604	GNMA II	3.500	494,913	487,480
BB3327	GNMA I	3.500	307,537	302,879
AX6520	GNMA II	4.000	150,638	-
AX6606	GNMA II	4.000	296,337	291,716
BB3326	GNMA II	4.000	249,619	246,038
BB3453	GNMA II	4.000	168,827	166,375
Subtotal			3,818,006	3,614,435
MBS Participation Interest (30.0%)			1,145,402	1,084,330

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	$ 1,192,020
BH2735	FNMA	3.500	162,620	160,538
BH2910	FNMA	3.500	1,192,918	1,177,925
BE4736	FNMA	4.000	1,280,154	1,262,855
BH2731	FNMA	4.000	2,206,844	2,092,676
BH2732	FNMA	4.000	1,747,479	1,725,788
BH2733	FNMA	4.000	2,772,975	2,717,976
BH4650	FNMA	4.000	1,113,794	1,001,214
BH4651	FNMA	4.000	2,228,404	2,198,820
BH4652	FNMA	4.000	2,104,727	2,032,238
BH4653	FNMA	4.000	2,290,937	2,262,867
AX6514	GNMA I	3.500	6,265,164	5,793,429
AX6602	GNMA I	3.500	8,203,751	7,562,772
AX6513	GNMA II	4.000	2,562,616	2,525,694
B32270	FHLMC	3.500	786,874	774,860
BJ2867	FNMA	3.500	5,875,027	5,793,290
BJ5391	FNMA	3.500	4,028,730	3,976,601
BJ2871	FNMA	4.000	2,285,270	2,256,391
BJ5218	FNMA	4.000	163,639	161,510
BJ5393	FNMA	4.000	2,890,359	2,846,425
BJ5395	FNMA	4.000	3,265,054	3,225,290

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	$ 577,664
BB3794	GNMA II	3.500	3,071,434	2,882,806
BB3795	GNMA II	3.500	5,412,470	4,830,934
BB3796	GNMA II	3.500	4,094,272	4,035,767
BB3798	GNMA II	3.500	2,880,351	2,840,215
Subtotal			70,678,208	67,908,566
MBS Participation Interest (50.000%)			35,339,104	33,954,283
2017 ABC Total			$ 60,626,057	$ 58,042,414

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

MINNESOTA HOUSING

2017 DEF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32253	FHLMC	3.500 %	$ 164,103	$ 161,970
B32261	FHLMC	3.500	375,301	370,619
BJ0401	FNMA	3.500	548,771	542,277
BJ5388	FNMA	3.500	1,098,490	1,080,690
BB3874	GNMA II	3.500	5,030,356	4,960,685
BB3875	GNMA II	3.500	4,783,103	4,713,606
BB3876	GNMA II	3.500	5,004,487	4,784,103
BB3877	GNMA II	3.500	4,889,444	4,824,094
BB3878	GNMA II	3.500	4,983,334	4,913,830
BB3880	GNMA II	3.500	5,393,045	5,187,083
BB3879	GNMA II	3.500	4,962,312	4,722,308
Subtotal			37,232,746	36,261,267

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	$ 774,860
BJ2867	FNMA	3.500	5,875,027	5,793,290
BJ5391	FNMA	3.500	4,028,730	3,976,601
BJ2871	FNMA	4.000	2,285,270	2,256,391
BJ5218	FNMA	4.000	163,639	161,510
BJ5393	FNMA	4.000	2,890,359	2,846,425
BJ5395	FNMA	4.000	3,265,054	3,225,290
AX6212	GNMA II	3.500	585,625	577,664
BB3794	GNMA II	3.500	3,071,434	2,882,806
BB3795	GNMA II	3.500	5,412,470	4,830,934
BB3796	GNMA II	3.500	4,094,272	4,035,767
BB3798	GNMA II	3.500	2,880,351	2,840,215
Q48789	FHLMC	4.000	1,206,720	1,192,020
BH2735	FNMA	3.500	162,620	160,538
BH2910	FNMA	3.500	1,192,918	1,177,925
BE4736	FNMA	4.000	1,280,154	1,262,855
BH2731	FNMA	4.000	2,206,844	2,092,676
BH2732	FNMA	4.000	1,747,479	1,725,788
BH2733	FNMA	4.000	2,772,975	2,717,976
BH4650	FNMA	4.000	1,113,794	1,001,214
BH4651	FNMA	4.000	2,228,404	2,198,820
BH4652	FNMA	4.000	2,104,727	2,032,238
BH4653	FNMA	4.000	2,290,937	2,262,867

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	$ 5,793,429
AX6602	GNMA I	3.500	8,203,751	7,562,772
AX6513	GNMA II	4.000	2,562,616	2,525,694
Subtotal			70,678,208	67,908,566
MBS Participation Interest (50.000%)			35,339,104	33,954,283

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	$ 4,136,249
BB4114	GNMA I	3.500	4,430,199	4,383,706
BB4115	GNMA I	3.500	1,285,872	1,272,423
B32294	FHLMC	3.500	889,653	880,449
B32295	FHLMC	4.000	72,364	71,685
BH8427	FNMA	3.500	610,540	599,081
BJ5221	FNMA	3.500	1,988,298	1,970,383
BJ5399	FNMA	3.500	456,440	451,890
BJ8207	FNMA	3.500	1,044,791	1,033,884
BK0989	FNMA	3.500	3,778,347	3,741,183
BK0990	FNMA	3.500	2,084,193	2,063,336
BK0991	FNMA	3.500	3,567,149	3,531,350
Subtotal			24,387,161	24,135,618
MBS Participation Interest (25.0%)			6,096,790	6,033,904

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

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	$ 1,971,095
BJ2869	FNMA	3.500	2,726,869	2,512,456
BJ2873	FNMA	4.000	2,391,919	2,369,025
BJ5214	FNMA	3.500	1,105,052	1,091,917
BB3797	GNMA II	3.500	3,868,517	3,826,209
Subtotal			12,193,585	11,770,701
MBS Participation Interest (50.000%)			6,096,793	5,885,351

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	$ 457,012
BH8343	FNMA	4.000	534,213	530,480
BJ5401	FNMA	4.000	150,788	149,312
BF2379	GNMA II	3.500	3,368,038	3,342,463
BF2380	GNMA II	4.000	2,882,352	2,861,739
BF2172	GNMA I	3.500	2,167,549	2,151,644
BF2377	GNMA I	3.500	1,338,753	1,326,462
Subtotal			10,902,114	10,819,112
MBS Participation Interest (30.000%)			3,270,634	3,245,734

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	$ 2,250,294
BJ5216	FNMA	3.500	2,318,723	2,291,098
BJ5389	FNMA	3.500	1,982,976	1,950,487
Subtotal			6,579,513	6,491,880
MBS Participation Interest (50.000%)			3,289,756	3,245,940

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	$ 548,547
BK3342	FNMA	4.000	308,085	307,002
BK1671	FNMA	4.000	291,810	290,675
BK3337	FNMA	4.000	1,305,698	1,301,019
BK3338	FNMA	4.000	2,205,603	2,196,067
BK3339	FNMA	4.000	1,055,529	1,051,472
BK4075	FNMA	4.000	1,272,248	1,267,004
BK4077	FNMA	4.000	1,089,471	1,085,348
BK5110	FNMA	4.000	2,136,660	2,128,263
BK6996	FNMA	4.000	1,260,717	1,255,324
BK6997	FNMA	4.000	2,301,801	2,292,563
BK7000	FNMA	4.500	2,319,415	2,310,765
BK7001	FNMA	4.500	2,408,804	2,400,175
B32321	FHLMC	4.000	154,310	153,719
B32316	FHLMC	4.000	597,634	595,299
Q56821	FHLMC	4.500	1,257,783	1,253,097
BB3331	GNMA II	3.500	535,471	533,052
BB3803	GNMA II	3.500	625,020	622,122
BB4033	GNMA II	3.500	304,304	302,711
BB4119	GNMA II	3.500	575,626	573,116

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	$ 544,996
BF2612	GNMA II	3.500	162,282	161,551
BF2614	GNMA II	4.000	4,711,173	4,689,933
BF2621	GNMA II	4.000	561,626	559,433
BF2491	GNMA II	4.500	2,569,139	2,395,738
BF2616	GNMA II	4.500	2,348,038	2,338,468
BF2618	GNMA II	4.500	2,087,298	2,079,461
Subtotal			35,543,650	35,236,921
MBS Participation Interest (40.000%)			14,217,460	14,094,768

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	$ 1,647,900
BJ0415	FNMA	3.500	1,364,693	1,348,863
BJ2868	FNMA	3.500	2,138,695	2,110,157
BJ2870	FNMA	3.500	1,241,724	1,225,822
BJ2874	FNMA	4.000	1,172,230	1,158,207
BJ5215	FNMA	3.500	1,139,105	1,125,051
BJ5217	FNMA	3.500	1,195,322	1,181,508
BJ5390	FNMA	3.500	2,607,621	2,573,320
BJ5392	FNMA	3.500	1,378,345	1,360,548
BJ5394	FNMA	4.000	1,943,975	1,919,593
BB3791	GNMA I	3.500	3,586,872	3,410,729
BB3792	GNMA I	3.500	4,373,543	4,312,534
BB3793	GNMA I	3.500	4,874,109	4,807,658
Subtotal			28,684,820	28,181,890
MBS Participation Interest (50.000%)			14,342,410	14,090,945
2017 DEF Total			$ 119,885,693	$ 116,812,192

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2018 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32314	FHLMC	3.500 %	$ 163,459	$ 162,776
B32315	FHLMC	4.500	142,087	141,507
B32320	FHLMC	4.000	116,088	115,654
B32322	FHLMC	4.500	248,252	247,377
B32328	FHLMC	4.000	554,503	552,445
BE4728	FNMA	4.000	369,322	367,847
BJ0400	FNMA	3.500	459,057	457,241
BJ0402	FNMA	3.500	434,785	433,070
BJ2876	FNMA	3.500	339,985	338,543
BJ8219	FNMA	4.000	448,968	447,129
BK0996	FNMA	3.500	446,957	445,057
BK0997	FNMA	3.500	525,586	523,178
BK0998	FNMA	3.500	699,765	696,855
BK1670	FNMA	3.500	413,986	411,837
BK3333	FNMA	3.500	895,167	891,732
BK3335	FNMA	3.500	1,020,628	1,016,777
BK3336	FNMA	4.000	1,034,111	1,030,303
BK3340	FNMA	4.500	355,128	353,940
BK3341	FNMA	3.500	207,161	206,350
BK4073	FNMA	3.500	480,683	478,665
BK4074	FNMA	4.000	2,014,715	2,006,915
BK4076	FNMA	4.000	1,974,594	1,966,880
BK4078	FNMA	4.500	1,394,390	1,389,331
BK4079	FNMA	4.500	2,074,399	2,066,085
BK5108	FNMA	4.000	1,855,353	1,841,640
BK5109	FNMA	4.000	1,313,057	1,308,082

2018 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BK5111	FNMA	4.000 %	$ 665,874	$ 663,366
BK5112	FNMA	4.500	2,664,598	2,654,219
BK5113	FNMA	4.500	3,026,982	3,014,335
BK5114	FNMA	4.500	1,010,895	1,007,251
BK5117	FNMA	4.500	120,772	120,329
BK6998	FNMA	4.000	824,373	821,292
BK6999	FNMA	4.500	2,960,454	2,947,543
BK7002	FNMA	4.500	1,564,581	1,558,984
AX6211	GNMA II	3.500	443,193	441,120
BB3332	GNMA II	4.000	324,852	323,181
BB3459	GNMA II	3.500	527,574	524,893
BB3594	GNMA II	3.500	472,914	470,722
BB3595	GNMA II	3.500	395,486	393,651
BB3690	GNMA II	3.500	471,395	469,212
BB3800	GNMA II	3.500	361,608	359,902
BB4034	GNMA II	3.500	461,262	271,496
BB4035	GNMA II	3.500	550,625	548,101
BB4120	GNMA II	3.500	427,259	425,323
BB4121	GNMA II	3.500	514,224	511,956
BB4122	GNMA II	3.500	404,126	402,332
BF2178	GNMA II	3.500	437,746	435,683
BF2179	GNMA II	3.500	492,962	490,630
BF2182	GNMA II	3.500	175,760	175,016
BF2487	GNMA II	3.500	1,599,788	1,592,744
BF2490	GNMA II	4.000	1,726,633	1,719,580

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2018

2018 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2493	GNMA II	4.000 %	$ 621,782	$ 619,347
BF2495	GNMA II	4.500	195,365	194,626
BF2613	GNMA II	4.000	2,102,477	1,969,468
BF2615	GNMA II	4.000	3,691,555	3,677,071
BF2617	GNMA II	4.500	3,586,451	3,572,917
BF2933	GNMA II	3.500	102,949	102,501
BF2934	GNMA II	4.000	4,931,170	4,911,399
BF2935	GNMA II	4.000	6,093,869	6,068,687
BF2936	GNMA II	4.500	4,527,763	4,510,522
BF2937	GNMA II	4.500	4,421,869	4,404,931
BF2938	GNMA II	4.500	3,553,501	3,540,423
BF2170	GNMA I	3.500	3,185,013	3,170,846
BF2171	GNMA I	3.500	1,805,670	1,797,215
BF2177	GNMA I	3.500	1,014,497	1,009,215
BF2378	GNMA I	3.500	4,151,547	4,132,973
Subtotal			86,593,600	85,922,213

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (40.000% of the principal payments paid to 18ABD, 20.000% of the principal payments paid to 18C 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	$ 595,299
B32321	FHLMC	4.000	154,310	153,719
Q56821	FHLMC	4.500	1,257,783	1,253,097
BJ0410	FNMA	3.500	550,689	548,547
BK1671	FNMA	4.000	291,810	290,675
BK3337	FNMA	4.000	1,305,698	1,301,019
BK3338	FNMA	4.000	2,205,603	2,196,067
BK3339	FNMA	4.000	1,055,529	1,051,472
BK3342	FNMA	4.000	308,085	307,002
BK4075	FNMA	4.000	1,272,248	1,267,004
BK4077	FNMA	4.000	1,089,471	1,085,348
BK5110	FNMA	4.000	2,136,660	2,128,263
BK6996	FNMA	4.000	1,260,717	1,255,324
BK6997	FNMA	4.000	2,301,801	2,292,563
BK7000	FNMA	4.500	2,319,415	2,310,765
BK7001	FNMA	4.500	2,408,804	2,400,175
BB3331	GNMA II	3.500	535,471	533,052
BB3803	GNMA II	3.500	625,020	622,122
BB4033	GNMA II	3.500	304,304	302,711
BB4119	GNMA II	3.500	575,626	573,116
BF2384	GNMA II	3.500	547,416	544,996
BF2491	GNMA II	4.500	2,569,139	2,395,738
BF2612	GNMA II	3.500	162,282	161,551

2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (40.000% of the principal payments paid to 18ABD, 20.000% of the principal payments paid to 18C and 100% of the interest payments paid to 18ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2616	GNMA II	4.500 %	$ 2,348,038	$ 2,338,468
BF2618	GNMA II	4.500	2,087,298	2,079,461
BF2614	GNMA II	4.000	4,711,173	4,689,933
BF2621	GNMA II	4.000	561,626	559,433
Subtotal			35,543,650	35,236,921
MBS Participation Interest (60.000%)			21,326,190	21,142,153

2018 ABCD, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0413	FNMA	3.500 %	$ 1,654,698	$ 1,647,900
BJ0415	FNMA	3.500	1,354,162	1,348,863
BJ2868	FNMA	3.500	2,119,623	2,110,157
BJ2870	FNMA	3.500	1,231,254	1,225,822
BJ2874	FNMA	4.000	1,162,942	1,158,207
BJ5215	FNMA	3.500	1,129,624	1,125,051
BJ5217	FNMA	3.500	1,186,168	1,181,508
BJ5390	FNMA	3.500	2,584,435	2,573,320
BJ5392	FNMA	3.500	1,366,560	1,360,548
BJ5394	FNMA	4.000	1,927,501	1,919,593
BB3791	GNMA I	3.500	3,554,670	3,410,729
BB3792	GNMA I	3.500	4,333,087	4,312,534
BB3793	GNMA I	3.500	4,830,196	4,807,658
Subtotal			28,434,918	28,181,890
MBS Participation Interest (50.000%)			14,217,459	14,090,945

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	$ 419,576
BK8048	FNMA	5.000	154,823	154,648
BK8980	FNMA	4.500	1,466,705	1,465,132
BF2622	GNMA II	4.000	452,287	451,680
BF2624	GNMA II	4.500	534,479	533,810
BF2939	GNMA II	4.000	491,314	490,614
BF3050	GNMA II	4.500	1,341,407	1,339,645
Subtotal			4,861,057	4,855,106
MBS Participation Interest (23.8%)			1,156,932	1,155,515

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	$ 2,888,065
Subtotal			2,892,334	2,888,065
MBS Participation Interest (60.000%)			1,735,400	1,732,839
2018 ABCD Total			$ 125,029,581	$ 124,043,665

Residential Housing Finance Bond Resolution
Whole Loan Mortgage Insurance
Information as of September 30, 2018

Series	FHA	VA	Rural Development	MGIC	Genworth	Other Private Mortgage Insurers*	Uninsured	Total
Retired	$ 1,795,639	$ 39,563	$ 353,511				$ 427,625	$ 2,616,338
06LMN	45,242	-	-	172,402	247,229	-	368,842	833,715
07M	1,131,241	91,208	1,668,813	2,314,694	1,867,396	1,209,805	1,698,213	9,981,370
07M-40 Year	-	-	-	2,438,234	401,117	865,893	289,769	3,995,013
09DEF	23,417,047	338,409	4,154,820	153,524	58,662	84,023	4,726,903	32,933,388
12ABCD	16,966,772	545,392	7,847,126	319,526	227,595	257,300	6,859,336	33,023,047
13ABC	6,125,664	354,568	3,885,165	536,446	106,753	328,188	6,231,997	17,568,781
14A	3,541,418	265,558	1,465,703	13,472	53,187	61,741	1,632,894	7,033,973
14B	4,648,832	154,889	1,368,103	149,103	22,407	40,949	1,372,730	7,757,013
14CDE	18,975,839	1,248,912	17,728,165	5,151,345	399,835	2,128,399	33,532,825	79,165,320
15ABCD	5,123,053	205,073	4,764,267	1,851,174	899,787	1,205,540	12,514,233	26,563,127
15ABCD-40 Year	-	-	-	424,533	-	901,926	177,733	1,504,192
15EFG	8,303,343	520,540	12,599,769	5,433,408	2,595,302	2,452,665	16,390,015	48,295,042
15EFG-40 Year	-	-	-	3,493,875	1,161,103	2,355,021	1,615,557	8,625,556
16ABC	2,881,210	461,533	5,755,070	9,135,426	6,072,737	3,203,380	5,661,234	33,170,590
16ABC-40 Year	-	-	-	6,216,769	1,836,639	3,619,372	2,193,000	13,865,780
16DEF	4,221,824	345,704	3,256,339	3,523,450	2,859,006	1,802,210	2,871,761	18,880,294
16DEF-40 Year	-	-	-	3,631,856	597,482	1,289,785	431,624	5,950,747
17ABC	14,680,079	242,978	7,317,211	3,890,828	950,959	2,370,612	6,034,192	35,486,859
17ABC-40 Year	-	-	-	3,967,216	1,885,203	2,022,981	2,458,543	10,333,943
17DEF	8,220,180	-	4,092,089	741,415	38,472	437,826	3,792,920	17,322,902
17DEF-40 Year	-	-	-	2,336,749	395,694	1,199,293	1,495,896	5,427,632
18ABCD	7,802,762	120,853	5,152,616	-	14,244	-	5,319,002	18,409,477
Total	$ 127,880,145	$ 4,935,180	$ 81,408,767	$ 55,895,445	$ 22,690,809	$ 27,836,909	$ 118,096,844	$ 438,744,099
	29.15%	1.13%	18.55%	12.74%	5.17%	6.34%	26.92%	100.00%

Republic 3.15%, United 1.50%, PMI .96%, Radian Guarantee Fund 0.38%, Commonwealth 0.23%, Triad 0.10%, Amerin 0.02%

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Delinquency and Foreclosure Statistics
Information as of September 30, 2018

			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 and Foreclosures[1]		Total [2]
Bond Financed:	Number of Loans	Balance Outstanding	#	%	#	%	#	%	#	%	%
Retired	53.0	$2,616,338	8.0	15.09	10.0	18.87	1.0	1.89	4.0	7.55	28.30
06LMN	7.0	833,715	-	-	-	-	-	-	1.0	14.29	14.29
07M	106.5	9,981,370	5.2	4.88	2.4	2.25	0.8	0.75	5.6	5.26	8.26
07M-40 Year	28.2	3,995,013	0.8	2.84	-	-	-	-	2.0	7.09	7.09
09DEF	573.5	32,933,388	40.5	7.06	16.5	2.88	6.5	1.13	18.5	3.23	7.24
12ABCD	652.0	33,023,047	38.5	5.90	8.0	1.23	8.0	1.23	18.0	2.76	5.21
13ABC	341.0	17,568,781	19.0	5.57	9.0	2.64	3.0	0.88	8.0	2.35	5.87
14A	228.0	7,033,973	3.0	1.32	2.0	0.88	1.0	0.44	2.0	0.88	2.19
14B	238.0	7,757,013	11.0	4.62	3.0	1.26	2.0	0.84	5.0	2.10	4.20
14CDE	954.0	79,165,320	56.5	5.92	17.5	1.83	6.0	0.63	21.5	2.25	4.72
15ABCD	297.5	26,563,127	28.0	9.41	6.0	2.02	3.0	1.01	9.5	3.19	6.22
15ABCD-40 Year	10.0	1,504,192	1.0	10.00	1.0	10.00	-	-	1.0	10.00	20.00
15EFG	595.0	48,295,042	30.5	5.13	7.5	1.26	5.0	0.84	15.0	2.52	4.62
15EFG-40 Year	60.0	8,625,556	4.0	6.67	2.0	3.33	-	-	4.0	6.67	10.00
16ABC	355.0	33,170,590	19.0	5.35	13.0	3.66	4.0	1.13	13.5	3.80	8.59
16ABC-40 Year	98.0	13,865,780	7.0	7.14	1.0	1.02	1.0	1.02	1.0	1.02	3.06
16DEF	293.5	18,880,294	16.8	5.72	4.6	1.57	3.2	1.09	11.4	3.88	6.54
16DEF-40 Year	41.8	5,950,747	1.2	2.87	-	-	-	-	3.0	7.18	7.18
17ABC	423.5	35,486,859	34.0	8.03	15.5	3.66	4.5	1.06	15.0	3.54	8.26
17ABC-40 Year	85.0	10,333,943	7.0	8.24	1.0	1.18	-	-	3.0	3.53	4.71
17DEF	198.0	17,322,902	10.0	5.05	3.0	1.52	2.0	1.01	8.0	4.04	6.57
17DEF-40 Year	44.0	5,427,632	5.0	11.36	-	-	-	-	1.0	2.27	2.27
18ABCD	298.5	18,409,477	19.0	6.37	5.0	1.68	1.0	0.34	4.0	1.34	3.35
Total Bond Financed	5,981.0	$ 438,744,099	365.0	6.10	128.0	2.14	52.0	0.87	175.0	2.93	5.94

All Loans are serviced by US Bank Home Mortgage.

If the number of loans 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. 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.

(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]	**At 6/30/2018**	**At 09/30/2018**
Residential Housing Finance Bond Resolution Loan Portfolio	3.84%	4.00%
Mortgage Bankers Association of America, Minnesota[2]	1.11%	not yet available
Mortgage Bankers Association of America, National[2]	2.06%	not yet available

Comparative Foreclosure Statistics[3]	**At 6/30/2018**	**At 09/30/2018**
Residential Housing Finance Bond Resolution Loan Portfolio	1.31%	1.51%
Mortgage Bankers Association of America, Minnesota[2]	0.25%	not yet available
Mortgage Bankers Association of America, National[2]	0.98%	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 06/30/2018 Mortgage Bankers Association of America average 60+ days delinquency rate is 1.07% Minnesota and 2.55% national. The unadjusted 06/30/2018 Mortgage Bankers Association of America foreclosure rate is 0.24% Minnesota and 0.86% 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 Real Estate Owned Activity on Uninsured Loans
Information as of September 30, 2018

	Real Estate Owned*				
Series	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
16ABC-40 Year	2.0	247,681	123,841	274,376	137,188
17ABC	1.0	100,528	100,528	(7,847)	(7,847)
Total	3.0	$ 348,209	$ 116,070	$ 266,529	$ 88,843

*MHFA holds title - property is not sold.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Insurance Claims Activity
Information as of September 30, 2018

	REO Pending Claims* PMI				
Bond Financed	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	1.0	$ 70,218	$ 70,218	$ 80,294	$ 80,294
07M	1.0	46,842	46,842	(4,142)	(4,142)
12ABCD	1.0	41,324	41,324	44,336	44,336
14B	1.0	52,335	52,335	(5,064)	(5,064)
14CDE	4.0	339,631	84,908	262,916	65,729
15ABCD	3.0	221,806	73,935	148,520	49,507
15EFG	4.0	474,162	118,541	466,454	116,614
15EFG-40 Year	1.0	116,513	116,513	(16,323)	(16,323)
16ABC-40 Year	1.0	162,636	162,636	23,613	23,613
16DEF	1.5	69,845	46,563	(4,254)	(2,836)
17ABC	1.5	119,385	79,590	(10,835)	(7,223)
17DEF	2.0	157,325	78,663	66,308	33,154
Total	22.0	$ 1,872,022	$ 85,092	$ 1,051,823	$ 47,810

*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.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages FHA Mortgage Insurance/VA Guaranty Pending Claims
Information as of September 30, 2018

	FHA/VA Mortgage Insurance/VA Guaranty Pending Claims *				
Series	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	6.0	$ 381,271	$ 63,545	236,946	$ 39,491
07M	0.6	80,111	133,518	(1,309)	(2,182)
09DEF	3.5	233,660	66,760	146,987	41,996
12ABCD	6.0	419,422	69,904	181,034	30,172
13ABC	1.0	8,800	8,800	(1,061)	(1,061)
14A	1.0	47,891	47,891	52,449	52,449
14CDE	2.0	210,726	105,363	225,710	112,855
15ABCD	3.0	341,025	113,675	59,299	19,766
15EFG	1.0	67,793	67,793	73,446	73,446
16ABC	1.0	186,463	186,463	(867)	(867)
16DEF	0.9	119,595	132,883	(308)	(342)
17ABC	2.0	177,191	88,596	62,431	31,216
17DEF	1.0	89,683	89,683	4,278	4,278
Total	29.0	$ 2,363,631	$ 81,505	$ 1,039,035	$ 35,829

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

If the number of loans 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. 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.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Real Estate Owned/Completed Insurance Claims Activity
Cumulative Information as of September 30, 2018

	Completed Claims (1)				
Series	No. of Prop.	Loan Balance (2)	Average Balance	Gain (Loss)	Average Gain (Loss)
Bond Financed:					
RHFB Retired	3,323.7	$ 400,749,947	$ 120,573	(80,146,958)	$ (24,114)
RHFB 06LMN	55.0	6,338,927	115,253	(1,652,778)	(30,051)
RHFB 07M	97.8	12,446,874	127,269	(3,003,870)	(30,714)
RHFB 07M-40 Year	34.4	5,506,959	160,086	(1,523,917)	(44,300)
RHFB 09DEF	143.0	13,433,939	93,944	(115,017)	(804)
RHFB 2012ABCD	108.0	7,603,136	70,399	(1,005,491)	(9,310)
RHFB 2013ABC	43.5	3,169,938	72,872	(389,747)	(8,960)
RHFB 2014A	1.0	81,569	81,569	(17)	(17)
RHFB 2014B	4.0	250,182	62,546	(834)	(209)
RHFB 2014CDE	63.5	6,476,799	101,997	(806,107)	(12,695)
RHFB 2015ABCD	26.5	2,574,141	97,137	(355,272)	(13,406)
RHFB 2015ABCD-40 Year	2.0	356,538	178,269	(57,848)	(28,924)
RHFB 2015EFG	31.0	3,019,219	97,394	(408,654)	(13,182)
RHFB 2015EFG-40 Year	10.0	1,494,677	149,468	(185,488)	(18,549)
RHFB 2016ABC	26.0	2,884,797	110,954	(291,045)	(11,194)
RHFB 2016ABC-40 Year	5.0	767,004	153,401	(78,377)	(15,675)
RHFB 2016DEF	7.2	518,568	72,023	(56,968)	(7,912)
RHFB 2016DEF-40 Year	2.4	349,835	145,765	(46,028)	(19,178)
RHFB 2017ABC	4.0	319,142	79,786	(18,735)	(4,684)
RHFB 2017ABC-40 Year	1.0	167,388	167,388	(13,406)	(13,406)
RHFB 2017DEF	3.0	388,807	129,602	(7,365)	(2,455)
Total	3,992.0	$ 468,898,386	$ 117,460	$(90,163,922)	$ (22,586)

(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.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Prepayment Report
Information as of September 30, 2018

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 09/30/2018 # of Loans	Prepayments/REO 12 Months Ended 09/30/2018 Amount	Curtailments 12 Months Ended 06/30/2018	Prepayments/ REO Total # to Date	Curtailments and Prepayments/ REO Total To Date
RHFB Retired	5.88	%	12,933.7	1,441,481,468	64.2	4,296,013	243,542	12,873.0	1,159,449,019
RHFB 06LMN	5.77		157.0	20,334,227	1.0	67,528	59	150.0	14,798,893
RHFB 2007M	5.96		435.3	51,601,162	18.0	1,686,503	83,310	327.2	38,247,778
RHFB 2007M-40 Yr	6.09		87.6	13,786,495	6.0	857,015	13,265	59.6	7,885,477
RHFB 2009DEF	5.84		1,627.0	123,184,490	81.0	5,225,041	183,937	1,050.0	73,240,375
RHFB 2012ABCD	5.92		1,411.0	96,047,766	75.5	3792348	332,241	759.5	49,540,542
RHFB 2013ABC	5.53		641.0	42,482,583	49.5	2,605,865	173,112	299.0	18,560,683
RHFB 2014A	6.13		381.0	15,938,679	24.0	722,084	105,058	152.0	5,942,841
RHFB 2014B	6.13		419.0	15,978,942	33.0	559,955	83,058	180.0	4,610,325
RHFB 2014CDE	5.15		1,554.0	147,424,535	128.0	11,124,107	355,417	594.0	55,081,731
RHFB 2015ABCD	5.56		538.0	52,474,015	64.0	5,633,708	153,722	234.5	21,932,506
RHFB 2015ABCD-40 Yr	5.56		20.0	3,064,439	2.0	362,395	1,633	10.0	1,488,073
RHFB 2015EFG	5.68		886.0	80,106,833	89.0	7,471,378	386,526	286.0	25,989,617
RHFB 2015EFG-40yr	5.47		105.0	15,680,365	11.0	1,386,691	27,510	44.0	6,437,426
RHFB 2016ABC	5.93		567.0	59,751,015	81.5	8,121,827	175,416	211.0	23,557,370
RHFB 2016ABC-40 Yr	5.93		151.0	22,027,528	19.0	2,771,176	50,302	50.0	7,170,152
RHFB 2016DEF	5.68		392.3	27,242,103	42.4	2,744,179	178,264	96.4	6,762,972
RHFB 2016DEF-40 Yr	5.38		55.6	8,084,772	8.4	1,197,778	19,756	13.8	1,949,334
RHFB 2017ABC	5.82		518.0	45,579,077	72.5	6,577,394	225,891	90.5	8,539,387
RHFB 2017ABC-40 Yr	5.79		102.0	12,928,653	10.0	1,325,852	45,166	17.0	2,408,579
RHFB 2017DEF	5.73		226.0	20,736,955	25.0	2,638,255	141,313	25.0	2,779,568
RHFB 2017DEF-40 Yr	5.54		48.0	5,841,813	4.0	330,488	17,894	4.0	348,382
RHFB 2018ABCD	5.17		307.5	19,253,174	9.0	575,198	41,207	9.0	616,405
Total Bond Financed	5.81	%	23,563.0	$ 2,341,031,089	918.0	$ 72,072,778	$ 3,037,599	17,535.5	$ 1,537,337,435

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.

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Prepayment Report
Information as of September 30, 2018

Series	Weighted Average Pass-Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 09/30/2018	Curtailments 12 Months Ended 09/30/2018	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
09DEF	4.630%	$ 32,522,061	$ 1,501,894	$ 25,791	$ 18,389,236	$ 281,027	$ 18,670,263
12ABCD	3.516%	60,697,067	4,424,578	68,282	25,772,939	600,454	26,373,393
13ABC	2.633%	42,301,165	3,441,270	64,212	14,361,649	298,197	14,659,846
14A	3.207%	50,003,520	3,619,923	95,693	15,755,869	347,495	16,103,364
14B	3.335%	50,015,523	5,803,453	53,150	17,654,089	252,309	17,906,398
14CDE	3.514%	78,421,289	7,157,998	84,086	23,935,493	291,870	24,227,363
15ABCD	3.271%	64,030,055	5,621,910	50,423	14,545,661	145,077	14,690,738
15EFG	3.537%	74,399,612	6,960,428	63,869	13,491,168	151,953	13,643,121
16ABC	3.423%	74,982,792	4,878,269	69,860	7,821,367	122,078	7,943,445
16DEF	3.083%	100,005,295	5,427,457	135,499	6,401,055	205,467	6,606,522
17ABC	3.721%	60,900,313	1,518,851	90,400	1,518,851	109,389	1,628,240
17DEF	3.559%	120,065,774	1,610,136	111,247	1,610,136	111,247	1,721,383
18ABCD	4.070%	125,038,008	474,222	27,584	474,222	27,584	501,806
Total		$ 933,382,474	$ 52,440,389	$ 940,096	$ 161,731,735	$ 2,944,148	$ 164,675,883

*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.

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2006 N	1/1/2008	$ -	$ 315,000	$ 10,000	$ -	$ 325,000	2013, 2016 & 2037
	7/1/2008	-	90,000	25,000	-	115,000	2011, 2014, 2016 & 2037
	1/1/2009	-	165,000	5,000	-	170,000	2016 & 2037
	7/1/2009	-	150,000	15,000	-	165,000	2012, 2014, 2016 & 2037
	1/1/2010	-	1,765,000	15,000	-	1,780,000	2037
	7/1/2010	-	785,000	35,000	-	820,000	2037
	1/1/2011	-	1,780,000	55,000	-	1,835,000	2037
	7/1/2011	-	1,740,000	80,000	-	1,820,000	2037
	1/1/2012	-	1,175,000	10,000	-	1,185,000	2037
	7/1/2012	-	960,000	50,000	-	1,010,000	2013-2016 & 2037
	1/1/2013	-	868,745	26,255	-	895,000	2015-2016 & 2037
	7/1/2013	-	788,696	21,304	-	810,000	2014-2016 & 2037
	1/1/2014	-	624,225	135,775	-	760,000	2036
	7/1/2014	-	709,729	45,271	-	755,000	2037
	8/1/2014	-	20,000	-	-	20,000	2015-2016
	12/1/2014	-	4,889	111	-	5,000	2015
	1/1/2015	-	460,773	14,227	-	475,000	2015-2016 & 2037
	5/1/2015	-	9,481	519	-	10,000	2015-2016
	6/1/2015	-	4,801	199	-	5,000	2016
	7/1/2015	-	375,122	24,878	-	400,000	2016 & 2037
	9/1/2015	-	4,874	126	-	5,000	2016
	11/1/2015	-	4,850	150	-	5,000	2016
	1/1/2016	-	295,850	9,150	-	305,000	2037
	1/7/2016	-	-	-	310,000	310,000	2016
	7/1/2016	-	257,050	7,950	-	265,000	2037
	1/1/2017	-	198,250	6,750	-	205,000	2037
	7/1/2017	-	174,150	5,850	-	180,000	2037
	1/1/2018	-	154,900	5,100	-	160,000	2037
	7/1/2018	-	130,650	4,350	-	135,000	2037
Total 2006 N		-	14,012,035	607,965	310,000	14,930,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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
Total 2007 M		-	48,493,784	186,000	3,105,216	51,785,000	

* Prepayments for 2007M include repayments.

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2009 D	7/1/2010	$ -	$ 210,000	$ 5,000	$ -	$ 215,000	2011-2013 & 2017-2020
	1/1/2011	-	360,000	-	-	360,000	2012-2013 & 2017-2020
	7/1/2011	-	390,000	10,000	-	400,000	2012-2013 & 2017-2020
	1/1/2012	-	135,000	10,000	-	145,000	2012-2013 & 2017-2020
	5/1/2012	-	250,000	-	-	250,000	2013 & 2017-2020
	6/1/2012	-	165,000	15,000	-	180,000	2013 & 2017-2020
	7/1/2012	-	320,000	15,000	-	335,000	2013 & 2017-2020
	9/1/2012	-	115,000	5,000	-	120,000	2013 & 2017-2020
	10/1/2012	-	130,000	-	-	130,000	2013 & 2017-2020
	11/1/2012	-	90,000	-	-	90,000	2013 & 2017-2020
	12/1/2012	-	170,240	4,760	-	175,000	2013 & 2017-2020
	5/1/2013	-	63,103	1,897	-	65,000	2017-2020
	6/1/2013	-	82,542	2,458	-	85,000	2017-2020
	7/1/2013	-	172,466	2,534	-	175,000	2017-2020
	9/1/2013	-	43,512	1,488	-	45,000	2017-2020
	10/1/2013	-	67,972	2,028	-	70,000	2017-2020
	11/1/2013	-	135,787	4,213	-	140,000	2017-2020
	12/1/2013	-	82,532	2,468	-	85,000	2017-2020
	1/1/2014	-	82,265	2,735	-	85,000	2017-2020
	5/1/2014	-	58,260	1,740	-	60,000	2017-2020
	6/1/2014	-	82,526	2,474	-	85,000	2017-2020
	7/1/2014	-	67,108	2,892	-	70,000	2017-2020
	10/1/2014	-	126,798	3,202	-	130,000	2017-2020
	11/1/2014	-	77,265	2,735	-	80,000	2017-2020
	12/1/2014	-	125,479	4,521	-	130,000	2017-2020
	1/1/2015	-	91,092	3,908	-	95,000	2017-2020
	5/1/2015	-	33,984	1,016	-	35,000	2017-2020
	6/1/2015	-	62,740	2,260	-	65,000	2017-2020
	7/1/2015	-	79,739	5,261	-	85,000	2017-2020
	9/1/2015	-	4,889	111	-	5,000	2020
	11/1/2015	-	252,200	7,800	-	260,000	2017-2020
	12/1/2015	-	63,050	1,950	-	65,000	2017-2020
	1/1/2016	-	66,496	3,504	-	70,000	2017-2020
	4/1/2016	-	14,550	450	-	15,000	2018-2020
	5/1/2016	-	58,200	1,800	-	60,000	2017-2020
	6/1/2016	-	43,650	1,350	-	45,000	2017-2020
	7/1/2016	-	133,086	6,914	-	140,000	2017-2020
	9/1/2016	-	126,100	3,900	-	130,000	2017-2020
	10/1/2016	-	43,650	1,350	-	45,000	2017-2020
	11/1/2016	-	106,700	3,300	-	110,000	2017-2020
	12/1/2016	-	77,600	2,400	-	80,000	2017-2020

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	1/1/2017	-	78,119	6,881	-	85,000	2017-2020
	2/1/2017	-	14,550	450	-	15,000	2018-2020
	3/1/2017	-	67,900	2,100	-	70,000	2017-2020
	4/1/2017	-	48,500	1,500	-	50,000	2017-2020
	5/1/2017	-	63,050	1,950	-	65,000	2017-2020
	6/1/2017	-	48,500	1,500	-	50,000	2017-2020
	7/1/2017	-	91,017	3,983	-	95,000	2018-2020
	8/1/2017	-	126,100	3,900	-	130,000	2018-2020
	9/1/2017	-	101,850	3,150	-	105,000	2018-2020
	10/1/2017	-	29,100	900	-	30,000	2018-2020
	11/1/2017	-	53,350	1,650	-	55,000	2018-2020
	12/1/2017	-	48,500	1,500	-	50,000	2018-2020
	1/1/2018	-	51,834	3,166	-	55,000	2018-2020
	2/1/2018	-	53,350	1,650	-	55,000	2018-2020
	3/1/2018	-	14,550	450	-	15,000	2020
	4/1/2018	-	29,100	900	-	30,000	2018-2020
	5/1/2018	-	19,400	600	-	20,000	2018-2020
	6/1/2018	-	48,500	1,500	-	50,000	2018-2020
	7/1/2018	-	27,959	2,041	-	30,000	2019-2020
	8/1/2018	-	33,950	1,050	-	35,000	2019-2020
	9/1/2018	-	19,400	600	-	20,000	2019-2020
Total 2009 D		-	5,929,160	190,840	-	6,120,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2009 E	7/1/2010	$ -	$ 1,140,000	$ 30,000	$ -	$ 1,170,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2011	-	1,845,000	85,000	-	1,930,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2011	-	2,055,000	55,000	-	2,110,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2012	-	915,000	20,000	-	935,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2012	-	1,820,000	-	-	1,820,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2012	-	1,215,000	90,000	-	1,305,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2012	-	2,365,000	95,000	-	2,460,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	9/1/2012	-	1,015,000	30,000	-	1,045,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	10/1/2012	-	1,065,000	35,000	-	1,100,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	11/1/2012	-	745,000	25,000	-	770,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	12/1/2012	-	1,451,098	43,902	-	1,495,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2013	-	655,297	19,703	-	675,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2013	-	839,843	25,157	-	865,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2013	-	1,851,735	43,265	-	1,895,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	9/1/2013	-	456,621	13,379	-	470,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	10/1/2013	-	713,713	21,287	-	735,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	11/1/2013	-	1,480,730	44,270	-	1,525,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	12/1/2013	-	888,429	26,571	-	915,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2014	-	894,641	20,359	-	915,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2014	-	669,984	20,016	-	690,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2014	-	844,734	25,266	-	870,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2014	-	664,976	30,024	-	695,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	10/1/2014	-	1,347,602	42,398	-	1,390,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	11/1/2014	-	790,885	24,115	-	815,000	2015-2016, 2020-2021, 2024, 2029, 2034 & 2040
	12/1/2014	-	1,300,421	39,579	-	1,340,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2015	-	943,312	41,688	-	985,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2015	-	339,466	10,534	-	350,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2015	-	650,210	19,790	-	670,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2015	-	812,729	37,271	-	850,000	2016, 2021, 2024, 2029, 2034 & 2040
	9/1/2015	-	82,411	2,589	-	85,000	2021, 2024, 2029, 2034 & 2040
	11/1/2015	-	2,585,050	79,950	-	2,665,000	2021, 2024, 2029, 2034 & 2040
	12/1/2015	-	640,200	19,800	-	660,000	2021, 2024, 2029, 2034 & 2040
	1/1/2016	-	645,963	34,037	-	680,000	2021, 2024, 2029, 2034 & 2040
	4/1/2016	-	121,250	3,750	-	125,000	2021, 2024, 2029, 2034 & 2040
	5/1/2016	-	611,100	18,900	-	630,000	2021, 2024, 2029, 2034 & 2040
	6/1/2016	-	451,050	13,950	-	465,000	2021, 2024, 2029, 2034 & 2040
	7/1/2016	-	1,335,615	69,385	-	1,405,000	2021, 2024, 2029 & 2040
	9/1/2016	-	1,265,850	39,150	-	1,305,000	2021, 2024, 2029, 2034 & 2040
	10/1/2016	-	417,100	12,900	-	430,000	2021, 2024, 2029, 2034 & 2040
	11/1/2016	-	1,081,550	33,450	-	1,115,000	2021, 2024, 2029, 2034 & 2040
	12/1/2016	-	776,000	24,000	-	800,000	2021, 2024, 2029, 2034 & 2040

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	1/1/2017	-	767,405	67,595	-	835,000	2021, 2024, 2029, 2034 & 2040
	2/1/2017	-	135,800	4,200	-	140,000	2021, 2024, 2029, 2034 & 2040
	3/1/2017	-	688,700	21,300	-	710,000	2021, 2024, 2029, 2034 & 2040
	4/1/2017	-	499,550	15,450	-	515,000	2021, 2024, 2029, 2034 & 2040
	5/1/2017	-	640,200	19,800	-	660,000	2021, 2024, 2029, 2034 & 2040
	6/1/2017	-	485,000	15,000	-	500,000	2021, 2024, 2029, 2034 & 2040
	7/1/2017	-	1,029,933	45,067	-	1,075,000	2021, 2024, 2029, 2034 & 2040
	8/1/2017	-	1,358,000	42,000	-	1,400,000	2021, 2024, 2029, 2034 & 2040
	9/1/2017	-	1,154,300	35,700	-	1,190,000	2021, 2024, 2029, 2034 & 2040
	10/1/2017	-	339,500	10,500	-	350,000	2021, 2024, 2029, 2034 & 2040
	11/1/2017	-	601,400	18,600	-	620,000	2021, 2024, 2029, 2034 & 2040
	12/1/2017	-	528,650	16,350	-	545,000	2021, 2024, 2029, 2034 & 2040
	1/1/2018	-	645,566	39,434	-	685,000	2021, 2024, 2029, 2034 & 2040
	2/1/2018	-	664,450	20,550	-	685,000	2021, 2024, 2029, 2034 & 2040
	3/1/2018	-	160,050	4,950	-	165,000	2021, 2024, 2029, 2034 & 2040
	4/1/2018	-	412,250	12,750	-	425,000	2021, 2024, 2029, 2034 & 2040
	5/1/2018	-	232,800	7,200	-	240,000	2021, 2024, 2029, 2034 & 2040
	6/1/2018	-	640,200	19,800	-	660,000	2021, 2024, 2029, 2034 & 2040
	7/1/2018	-	442,691	32,309	-	475,000	2021, 2024, 2029, 2034 & 2040
	8/1/2018	-	620,800	19,200	-	640,000	2021, 2024, 2029, 2034 & 2040
	9/1/2018	-	305,550	9,450	-	315,000	2021, 2024, 2029, 2034 & 2040
Total 2009 E		-	54,142,360	1,842,640	-	55,985,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 A	9/1/2012	$ -	$ 255,000	$ 10,000	$ -	$ 265,000	2013-2023
	10/1/2012	-	620,000	20,000	-	640,000	2013-2023
	11/1/2012	-	1,000,000	30,000	-	1,030,000	2013-2023
	12/1/2012	-	411,930	13,070	-	425,000	2013-2023
	1/1/2013	-	1,734,330	55,670	-	1,790,000	2013-2023
	5/1/2013	-	941,792	28,208	-	970,000	2014-2023
	6/1/2013	-	301,010	8,990	-	310,000	2014-2023
	7/1/2013	-	1,216,241	33,759	-	1,250,000	2014-2023
	10/1/2013	-	553,437	16,563	-	570,000	2014-2023
	11/1/2013	-	519,248	15,752	-	535,000	2014-2023
	12/1/2013	-	504,865	15,135	-	520,000	2014-2023
	1/1/2014	-	273,379	6,621	-	280,000	2014-2023
	4/1/2014	-	43,789	1,211	-	45,000	2019-2023
	5/1/2014	-	238,142	6,858	-	245,000	2014-2023
	6/1/2014	-	562,934	17,066	-	580,000	2014-2023
	7/1/2014	-	206,516	18,484	-	225,000	2015-2023
	10/1/2014	-	92,393	2,607	-	95,000	2015-2023
	11/1/2014	-	291,000	9,000	-	300,000	2015-2023
	12/1/2014	-	829,195	25,805	-	855,000	2015-2023
	1/1/2015	-	178,666	16,334	-	195,000	2015-2023
	5/1/2015	-	252,103	7,897	-	260,000	2015-2023
	6/1/2015	-	402,684	12,316	-	415,000	2015-2023
	7/1/2015	-	316,690	23,310	-	340,000	2016-2023
	11/1/2015	-	106,700	3,300	-	110,000	2016-2023
	12/1/2015	-	591,700	18,300	-	610,000	2016-2023
	1/1/2016	-	485,195	29,805	-	515,000	2016-2023
	5/1/2016	-	121,250	3,750	-	125,000	2016-2023
	6/1/2016	-	198,850	6,150	-	205,000	2016-2023
	7/1/2016	-	818,609	41,391	-	860,000	2017-2023
	10/1/2016	-	213,400	6,600	-	220,000	2017-2023
	11/1/2016	-	465,600	14,400	-	480,000	2017-2023
	12/1/2016	-	431,650	13,350	-	445,000	2017-2023
	1/1/2017	-	535,183	29,817	-	565,000	2017-2023
	5/1/2017	-	266,750	8,250	-	275,000	2017-2023
	6/1/2017	-	266,750	8,250	-	275,000	2017-2023
	7/1/2017	-	256,803	18,197	-	275,000	2018-2023
	10/1/2017	-	19,400	600	-	20,000	2021-2022
	11/1/2017	-	480,150	14,850	-	495,000	2018-2023
	12/1/2017	-	324,950	10,050	-	335,000	2018-2023
	1/1/2018	-	257,457	17,543	-	275,000	2018-2023

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	5/1/2018	-	257,050	7,950	-	265,000	2018-2023
	6/1/2018	-	106,700	3,300	-	110,000	2018-2023
	7/1/2018	-	229,101	15,899	-	245,000	2019-2023
Total 2012 A		-	18,178,592	666,408	-	18,845,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 B	9/1/2012	$ -	$ 45,000	$ -	$ -	$ 45,000	2024
	10/1/2012	-	105,000	5,000	-	110,000	2024
	11/1/2012	-	180,000	-	-	180,000	2024
	12/1/2012	-	73,000	2,000	-	75,000	2023-2024
	1/1/2013	-	305,731	9,269	-	315,000	2023-2024
	5/1/2013	-	165,058	4,942	-	170,000	2023-2024
	6/1/2013	-	53,412	1,588	-	55,000	2023-2024
	7/1/2013	-	225,800	4,200	-	230,000	2023-2024
	10/1/2013	-	101,953	3,047	-	105,000	2023-2024
	11/1/2013	-	96,866	3,134	-	100,000	2023-2024
	12/1/2013	-	92,234	2,766	-	95,000	2023-2024
	1/1/2014	-	50,000	-	-	50,000	2023-2024
	4/1/2014	-	9,697	303	-	10,000	2023-2024
	5/1/2014	-	43,924	1,076	-	45,000	2023-2024
	6/1/2014	-	106,007	3,993	-	110,000	2023-2024
	7/1/2014	-	40,931	4,069	-	45,000	2023-2024
	10/1/2014	-	19,641	359	-	20,000	2023-2024
	11/1/2014	-	58,200	1,800	-	60,000	2023-2024
	12/1/2014	-	168,732	6,268	-	175,000	2023-2024
	1/1/2015	-	36,617	3,383	-	40,000	2023-2024
	5/1/2015	-	53,544	1,456	-	55,000	2023-2024
	6/1/2015	-	88,173	1,827	-	90,000	2023-2024
	7/1/2015	-	69,952	5,048	-	75,000	2023-2024
	11/1/2015	-	24,250	750	-	25,000	2023-2024
	12/1/2015	-	130,950	4,050	-	135,000	2023-2024
	1/1/2016	-	117,766	7,234	-	125,000	2023-2024
	5/1/2016	-	29,100	900	-	30,000	2023-2024
	6/1/2016	-	48,500	1,500	-	50,000	2023-2024
	7/1/2016	-	209,412	10,588	-	220,000	2023-2024
	10/1/2016	-	53,350	1,650	-	55,000	2023-2024
	11/1/2016	-	121,250	3,750	-	125,000	2023-2024
	12/1/2016	-	111,550	3,450	-	115,000	2023-2024
	1/1/2017	-	146,820	8,180	-	155,000	2023-2024
	5/1/2017	-	72,750	2,250	-	75,000	2023-2024
	6/1/2017	-	72,750	2,250	-	75,000	2023-2024
	7/1/2017	-	74,706	5,294	-	80,000	2023-2024
	10/1/2017	-	4,850	150	-	5,000	2024
	11/1/2017	-	145,500	4,500	-	150,000	2023-2024
	12/1/2017	-	97,000	3,000	-	100,000	2023-2024
	1/1/2018	-	84,258	5,742	-	90,000	2023-2024
	5/1/2018	-	87,300	2,700	-	90,000	2023-2024

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
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	-	33,950	1,050	-	35,000	2023-2024
	7/1/2018	-	84,159	5,841	-	90,000	2023-2024
Total 2012 B		-	3,939,643	140,357	-	4,080,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 C	9/1/2012	$ -	$ 160,000	$ 5,000	$ -	$ 165,000	2025 & 2029
	10/1/2012	-	380,000	10,000	-	390,000	2025 & 2029
	11/1/2012	-	605,000	20,000	-	625,000	2025 & 2029
	12/1/2012	-	252,893	7,107	-	260,000	2025 & 2029
	1/1/2013	-	1,072,839	32,161	-	1,105,000	2025 & 2029
	5/1/2013	-	577,700	17,300	-	595,000	2025 & 2029
	6/1/2013	-	184,491	5,509	-	190,000	2025 & 2029
	7/1/2013	-	790,300	19,700	-	810,000	2025 & 2029
	10/1/2013	-	354,388	10,612	-	365,000	2025 & 2029
	11/1/2013	-	330,021	9,979	-	340,000	2025 & 2029
	12/1/2013	-	325,249	9,751	-	335,000	2025 & 2029
	1/1/2014	-	170,028	4,972	-	175,000	2025 & 2029
	4/1/2014	-	29,192	808	-	30,000	2025 & 2029
	5/1/2014	-	160,349	4,651	-	165,000	2025 & 2029
	6/1/2014	-	380,163	9,837	-	390,000	2025 & 2029
	7/1/2014	-	146,980	13,020	-	160,000	2025 & 2029
	10/1/2014	-	67,658	2,342	-	70,000	2025 & 2029
	11/1/2014	-	203,700	6,300	-	210,000	2025 & 2029
	12/1/2014	-	585,739	19,261	-	605,000	2025 & 2029
	1/1/2015	-	132,872	12,128	-	145,000	2025 & 2029
	5/1/2015	-	184,058	5,942	-	190,000	2025 & 2029
	6/1/2015	-	295,380	9,620	-	305,000	2025 & 2029
	7/1/2015	-	246,739	18,261	-	265,000	2025 & 2029
	11/1/2015	-	87,300	2,700	-	90,000	2025 & 2029
	12/1/2015	-	470,450	14,550	-	485,000	2025 & 2029
	1/1/2016	-	409,825	25,175	-	435,000	2025 & 2029
	5/1/2016	-	101,850	3,150	-	105,000	2025 & 2029
	6/1/2016	-	164,900	5,100	-	170,000	2025 & 2029
	7/1/2016	-	737,700	37,300	-	775,000	2025 & 2029
	10/1/2016	-	194,000	6,000	-	200,000	2025 & 2029
	11/1/2016	-	421,950	13,050	-	435,000	2025 & 2029
	12/1/2016	-	388,000	12,000	-	400,000	2025 & 2029
	1/1/2017	-	520,974	29,026	-	550,000	2025 & 2029
	5/1/2017	-	257,050	7,950	-	265,000	2025 & 2029
	6/1/2017	-	257,050	7,950	-	265,000	2025 & 2029
	7/1/2017	-	266,142	18,858	-	285,000	2025 & 2029
	10/1/2017	-	19,400	600	-	20,000	2025 & 2029
	11/1/2017	-	504,400	15,600	-	520,000	2025 & 2029
	12/1/2017	-	339,500	10,500	-	350,000	2025 & 2029
	1/1/2018	-	294,905	20,095	-	315,000	2025 & 2029

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	5/1/2018	-	295,850	9,150	-	305,000	2025 & 2029
	6/1/2018	-	126,100	3,900	-	130,000	2025 & 2029
	7/1/2018	-	285,207	19,793	-	305,000	2025 & 2029
Total 2012 C		-	13,778,292	516,708	-	14,295,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 D	9/1/2012	$ -	$ 85,000	$ -	$ -	$ 85,000	2030
	10/1/2012	-	200,000	5,000	-	205,000	2030
	11/1/2012	-	325,000	10,000	-	335,000	2030
	12/1/2012	-	131,226	3,774	-	135,000	2030
	1/1/2013	-	2,445,851	84,149	-	2,530,000	2030 & 2040
	5/1/2013	-	305,837	9,163	-	315,000	2030
	6/1/2013	-	101,959	3,041	-	105,000	2030
	7/1/2013	-	2,899,477	80,523	-	2,980,000	2030 & 2040
	10/1/2013	-	189,371	5,629	-	195,000	2030
	11/1/2013	-	180,216	4,784	-	185,000	2030
	12/1/2013	-	174,764	5,236	-	180,000	2030
	1/1/2014	-	2,840,481	59,519	-	2,900,000	2030 & 2040
	4/1/2014	-	19,393	607	-	20,000	2030
	5/1/2014	-	86,790	3,210	-	90,000	2030
	6/1/2014	-	2,606,311	78,689	-	2,685,000	2030 & 2040
	7/1/2014	-	535,823	49,177	-	585,000	2030 & 2040
	8/1/2014	-	504,400	15,600	-	520,000	2040
	9/1/2014	-	504,400	15,600	-	520,000	2040
	10/1/2014	-	547,808	17,192	-	565,000	2030 & 2040
	11/1/2014	-	611,100	18,900	-	630,000	2030 & 2040
	12/1/2014	-	826,784	23,216	-	850,000	2030 & 2040
	1/1/2015	-	554,345	50,655	-	605,000	2030 & 2040
	2/1/2015	-	523,800	16,200	-	540,000	2040
	3/1/2015	-	523,800	16,200	-	540,000	2040
	4/1/2015	-	528,650	16,350	-	545,000	2040
	5/1/2015	-	625,795	19,205	-	645,000	2040
	6/1/2015	-	683,313	21,687	-	705,000	2030 & 2040
	7/1/2015	-	638,469	46,531	-	685,000	2030 & 2040
	8/1/2015	-	261,900	8,100	-	270,000	2040
	9/1/2015	-	761,450	23,550	-	785,000	2040
	11/1/2015	-	1,071,850	33,150	-	1,105,000	2030 & 2040
	12/1/2015	-	761,450	23,550	-	785,000	2030 & 2040
	1/1/2016	-	716,015	43,985	-	760,000	2030 & 2040
	2/1/2016	-	494,700	15,300	-	510,000	2040
	3/1/2016	-	494,700	15,300	-	510,000	2040
	4/1/2016	-	494,700	15,300	-	510,000	2040
	5/1/2016	-	548,050	16,950	-	565,000	2030 & 2040
	6/1/2016	-	582,000	18,000	-	600,000	2030 & 2040
	7/1/2016	-	880,480	44,520	-	925,000	2030 & 2040
	8/1/2016	-	475,300	14,700	-	490,000	2040
	9/1/2016	-	475,300	14,700	-	490,000	2040

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	10/1/2016	-	582,000	18,000	-	600,000	2030 & 2040
	11/1/2016	-	698,400	21,600	-	720,000	2030 & 2040
	12/1/2016	-	679,000	21,000	-	700,000	2030 & 2040
	1/1/2017	-	743,573	41,427	-	785,000	2030 & 2040
	2/1/2017	-	426,800	13,200	-	440,000	2040
	3/1/2017	-	431,650	13,350	-	445,000	2040
	4/1/2017	-	431,650	13,350	-	445,000	2040
	5/1/2017	-	567,450	17,550	-	585,000	2030 & 2040
	6/1/2017	-	567,450	17,550	-	585,000	2030 & 2040
	7/1/2017	-	560,298	39,702	-	600,000	2030 & 2040
	8/1/2017	-	397,700	12,300	-	410,000	2040
	9/1/2017	-	402,550	12,450	-	415,000	2040
	10/1/2017	-	412,250	12,750	-	425,000	2030 & 2040
	11/1/2017	-	669,300	20,700	-	690,000	2030 & 2040
	12/1/2017	-	577,150	17,850	-	595,000	2030 & 2040
	1/1/2018	-	547,680	37,320	-	585,000	2030 & 2040
	2/1/2018	-	373,450	11,550	-	385,000	2040
	3/1/2018	-	378,300	11,700	-	390,000	2040
	4/1/2018	-	373,450	11,550	-	385,000	2040
	5/1/2018	-	533,500	16,500	-	550,000	2040
	6/1/2018	-	436,500	13,500	-	450,000	2030 & 2040
	7/1/2018	-	518,983	36,017	-	555,000	2030 & 2040
	8/1/2018	-	349,200	10,800	-	360,000	2040
	9/1/2018	-	349,200	10,800	-	360,000	2040
Total 2012 D		-	40,225,542	1,419,458	-	41,645,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	10/1/2017	-	344,350	10,650	-	355,000	2031
	11/1/2017	-	257,050	7,950	-	265,000	2031
	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
Total 2013 A		-	17,983,294	711,706	-	18,695,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2013 B	12/1/2013	$ -	$ 43,706	$ 1,294	$ -	$ 45,000	2016-2019
	1/1/2014	-	121,459	3,541	-	125,000	2016-2019
	6/1/2014	-	91,577	3,423	-	95,000	2016-2019
	7/1/2014	-	82,919	7,081	-	90,000	2016-2019
	12/1/2014	-	43,844	1,156	-	45,000	2016-2019
	1/1/2015	-	159,565	10,435	-	170,000	2016-2019
	6/1/2015	-	9,821	179	-	10,000	2018-2019
	7/1/2015	-	150,493	9,507	-	160,000	2016-2019
	11/1/2015	-	4,850	150	-	5,000	2019
	12/1/2015	-	145,500	4,500	-	150,000	2016-2019
	1/1/2016	-	17,693	2,307	-	20,000	2018-2019
	6/1/2016	-	4,850	150	-	5,000	2019
	7/1/2016	-	275,865	14,135	-	290,000	2017-2019
	9/1/2016	-	24,250	750	-	25,000	2017-2019
	10/1/2016	-	4,850	150	-	5,000	2018
	11/1/2016	-	77,600	2,400	-	80,000	2017-2019
	12/1/2016	-	126,100	3,900	-	130,000	2017-2019
	1/1/2017	-	59,950	5,050	-	65,000	2017-2019
	4/1/2017	-	19,400	600	-	20,000	2017-2019
	5/1/2017	-	48,500	1,500	-	50,000	2017-2019
	6/1/2017	-	67,900	2,100	-	70,000	2017-2019
	7/1/2017	-	8,839	1,161	-	10,000	2018
	1/1/2018	-	60,613	4,387	-	65,000	2018-2019
	4/1/2018	-	24,250	750	-	25,000	2018-2019
	5/1/2018	-	33,950	1,050	-	35,000	2018-2019
	6/1/2018	-	43,650	1,350	-	45,000	2018-2019
	7/1/2018	-	8,772	1,228	-	10,000	2019
Total 2013 B		-	1,760,766	84,234	-	1,845,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
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
Total 2013 C		-	9,331,714	453,286	-	9,785,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	4/1/2018	-	295,850	9,150	-	305,000	2038
	5/1/2018	-	174,600	5,400	-	180,000	2038
	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
Total 2014 A		-	20,856,850	873,150	-	21,730,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	4/1/2018	-	237,650	7,350	-	245,000	2021-2026 & 2038
	5/1/2018	-	843,900	26,100	-	870,000	2018-2026 & 2038
	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
Total 2014 B		-	20,544,950	865,050	-	21,410,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
Series	**Bond Call Date**	**Unexpended Proceeds**	**Series Excess Revenues (including Prepayments)**	**Reserve Excess**	**Other**	**Total Bonds Called**	**Maturity Date(s) of Bond(s) Called**
	5/1/2018	-	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
Total 2014 C		-	48,303,385	1,821,615	-	50,125,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
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
Total 2014 D		-	1,926,872	78,128	-	2,005,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
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
Total 2014 E		-	22,401,443	938,557	-	23,340,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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
Total 2015 A		-	15,508,703	596,297	-	16,105,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
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
Total 2015 C		-	17,937,347	677,653	-	18,615,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
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
Total 2015 E		-	28,908,747	1,046,253	-	29,955,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 F							
	6/1/2016	$ -	$ 208,550	$ 6,450	$ -	$ 215,000	2023-2026 & 2029
	7/1/2016	-	1,807,243	82,757	-	1,890,000	2023-2026 & 2029
	10/1/2016	-	334,650	10,350	-	345,000	2023-2026 & 2029
	11/1/2016	-	693,550	21,450	-	715,000	2023-2026 & 2029
	12/1/2016	-	203,700	6,300	-	210,000	2023-2026 & 2029
	1/1/2017	-	1,638,945	81,055	-	1,720,000	2023-2026 & 2029
	5/1/2017	-	839,050	25,950	-	865,000	2023-2026 & 2029
	6/1/2017	-	1,110,650	34,350	-	1,145,000	2023-2026 & 2029
	7/1/2017	-	672,100	42,900	-	715,000	2023-2026 & 2029
	9/1/2017	-	130,950	4,050	-	135,000	2023-2026 & 2029
	10/1/2017	-	926,350	28,650	-	955,000	2023-2026 & 2029
	11/1/2017	-	1,047,600	32,400	-	1,080,000	2023-2026 & 2029
	12/1/2017	-	800,250	24,750	-	825,000	2023-2026 & 2029
	1/1/2018	-	842,492	47,508	-	890,000	2023-2026 & 2029
	6/1/2018	-	257,050	7,950	-	265,000	2023-2026 & 2029
	7/1/2018	-	1,209,223	60,777	-	1,270,000	2023-2026 & 2029
Total 2015 F		-	12,722,353	517,647	-	13,240,000	
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
Total 2016 A		-	13,324,646	480,354	-	13,805,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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
Total 2016 B		-	19,519,384	675,616	-	20,195,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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
Total 2016 C		-	4,886,570	163,430	-	5,050,000	
2016 D	4/1/2017	$ -	$ 153,731	$ 1,269	$ -	$ 155,000	2017-2020
	6/1/2017	-	133,895	1,105	-	135,000	2017-2020
	7/1/2017	-	186,693	3,307	-	190,000	2018-2021
	9/1/2017	-	34,713	287	-	35,000	2018-2020
	10/1/2017	-	168,608	1,392	-	170,000	2018-2020
	11/1/2017	-	79,345	655	-	80,000	2018-2020
	12/1/2017	-	143,813	1,187	-	145,000	2018-2020
	1/1/2018	-	127,493	2,507	-	130,000	2018-2021
	5/1/2018	-	39,672	328	-	40,000	2018-2020
	6/1/2018	-	109,099	901	-	110,000	2018-2020
	7/1/2018	-	88,236	1,764	-	90,000	2019-2020
Total 2016 D		-	1,265,298	14,702	-	1,280,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

		Source of Funds					
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
Total 2016 E		-	11,712,432	127,568	-	11,840,000	
2017 A	11/1/2017	$ -	$ 3,348,490	$ 51,510	$ -	$ 3,400,000	2018-2027 & 2030
	12/1/2017	-	1,186,744	18,256	-	1,205,000	2018-2027 & 2030
	1/1/2018	-	777,318	17,682	-	795,000	2018-2027 & 2030
	4/1/2018	-	359,470	5,530	-	365,000	2018-2027 & 2030
	5/1/2018	-	270,834	4,166	-	275,000	2018-2027 & 2030
	6/1/2018	-	600,759	9,241	-	610,000	2018-2027 & 2030
	7/1/2018	-	1,157,412	32,588	-	1,190,000	2019-2027 & 2030
Total 2017 A		-	7,701,027	138,973	-	7,840,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2018

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Series Excess Revenues (including Prepayments)	Source of Funds: Reserve Excess	Source of Funds: 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
Total 2017 B		-	3,455,884	59,116	-	3,515,000	
2017 D	6/1/2018	$ -	$ 571,785	$ 3,215	$ -	$ 575,000	2018-2028 & 2030
	7/1/2018	-	354,450	5,550	-	360,000	2019-2028 & 2030
Total 2017 D		-	926,235	8,765	-	935,000	
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
Total 2017 E		-	1,940,728	14,272	-	1,955,000	
Total		$ -	$ 481,618,036	$ 15,916,748	$ 3,415,216	$ 500,950,000	

Refer to the disclaimer on page A-1

Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of September 30, 2018

Associated Bond Series	09/30/2018 Notional Amounts	Effective Date	Swap Maturity Date	Fixed Rate Payable	Variable Rate Receivable	09/30/2018 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	$ 75,322
	$ 35,000,000					$ 75,322

Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of September 30, 2018

Associated Bond Series	09/30/2018 Notional Amounts	Effective Date	Swap Maturity Date	Fixed Rate Payable	Variable Rate Receivable	09/30/2018 GASB72 Fair Value[1]
Counterparty: Royal Bank of Canada						
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2009C/2017C	40,000,000	February 12, 2009	July 1, 2036	4.215%	64% of 3 month LIBOR[2] plus 0.26% per annum	(480,065)
						-
RHFB 2015D	18,225,000	August 11, 2015	January 1, 2046	2.343%	67% of 1 month LIBOR[2]	489,317
RHFB 2015G	35,000,000	December 8, 2015	January 1, 2034	1.953%	67% of 1 month LIBOR[2]	1,119,023
RHFB 2016F	50,000,000	December 22, 2016	January 1, 2041	2.175%	67% of 1 month LIBOR[2]	1,043,541
	$ 143,225,000					$ 2,171,816

Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of September 30, 2018

Associated Bond Series	09/30/2018 Notional Amounts	Effective Date	Swap Maturity Date	Fixed Rate Payable	Variable Rate Receivable	09/30/2018 GASB72 Fair Value[1]
Counterparty: Wells Fargo Bank, NA Moody's Aa2 (negative outlook) / Standard & Poor's A+(stable outlook)						
RHFB 2017C	- [3]	January 1, 2019	January 1, 2038	2.180%	67% of 1 month LIBOR[2]	880,538
RHFB 2017F	40,000,000	December 21, 2017	January 1, 2041	2.261%	67% of 1 month LIBOR[2]	907,567
	$ 40,000,000					$ 1,788,105
	$ 218,225,000					$ 4,035,244

[1]A positive fair value represents money due to the Agency by the counterparty upon an assumed termination on September 30, 2018. A negative number represents money payable by the Agency. The fair values as of September 30, 2018 were calculated by a consultant engaged by the Agency.

[2]London Interbank Offered Rate

[3]RHFB 2017C notional amount outstanding becomes effective January 1, 2019.

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2018

MINNESOTA HOUSING

Residential Housing Finance Bonds, 2006 Series N Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A)
--	7/1/2008	Serial	5.230	$ 260,000	$ 260,000	$ -	$ -	N/A
--	7/1/2009	Serial	5.190	275,000	275,000	-	-	N/A
--	7/1/2010	Serial	5.200	290,000	290,000	-	-	N/A
--	7/1/2011	Serial	5.270	305,000	300,000	5,000	-	N/A
--	7/1/2012	Serial	5.360	320,000	315,000	5,000	-	N/A
--	7/1/2013	Serial	5.410	335,000	325,000	10,000	-	N/A
--	7/1/2014	Serial	5.460	355,000	335,000	20,000	-	N/A
--	7/1/2015	Serial	5.490	375,000	330,000	45,000	-	N/A
--	7/1/2016	Serial	5.530	390,000	-	390,000	-	N/A
60415NH88	1/1/2037	Term (a)	5.760	15,095,000	55,000	14,455,000	585,000	1
				$ 18,000,000	$ 2,485,000	$ 14,930,000	$ 585,000	

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

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, but not in excess of the applicable maximum cumulative amount for each July 1 and January 1 to and including January 1, 2022, on any date during each redemption period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2016 and thereafter - 100%.

(a): Sinking fund redemptions began January 1, 2017.

** 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, 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	$ -	$ 51,785,000	$ 18,215,000	None
				$ 70,000,000	$ -	$ 51,785,000	$ 18,215,000	

(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.

Residential Housing Finance Bonds, 2009 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)
--	1/1/2011	Serial	1.200	$ 1,780,000	$ 1,765,000	$ 15,000	$ -	N/A
--	7/1/2011	Serial	1.250	1,800,000	1,780,000	20,000	-	N/A
--	1/1/2012	Serial	1.600	1,820,000	1,760,000	60,000	-	N/A
--	7/1/2012	Serial	1.750	1,840,000	1,715,000	125,000	-	N/A
--	1/1/2013	Serial	2.000	1,865,000	1,575,000	290,000	-	N/A
--	7/1/2013	Serial	2.050	1,000,000	820,000	180,000	-	N/A
60415N5C2	7/1/2017	Serial	3.650	895,000	465,000	430,000	-	N/A
60415N4S8	1/1/2018	Serial	3.875	1,435,000	680,000	755,000	-	N/A
60415N5D0	7/1/2018	Serial	3.875	1,425,000	640,000	785,000	-	N/A
60415N4T6	1/1/2019	Serial	3.950	450,000	-	240,000	210,000	1
60415N5E8	7/1/2019	Serial	3.950	615,000	-	385,000	230,000	1
60415N5F5	1/1/2020	Term (a)	4.050	3,360,000	-	1,915,000	1,445,000	1
60415N4U3	7/1/2020	Serial	4.000	1,545,000	-	920,000	625,000	1
				$ 19,830,000	$ 11,200,000	$ 6,120,000	$ 2,510,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2009 Series D, continued from prior page

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2009 Series D, 2009 Series E, and 2009 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".

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, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2019.

** 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, 2009 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)
--	7/1/2013	Serial	2.050	$ 895,000	$ 755,000	$ 140,000	$ -	N/A
--	1/1/2014	Serial	2.500	1,920,000	1,485,000	435,000	-	N/A
--	7/1/2014	Serial	2.550	1,950,000	1,465,000	485,000	-	N/A
--	1/1/2015	Serial	2.950	1,985,000	1,400,000	585,000	-	N/A
--	7/1/2015	Serial	3.000	1,505,000	1,045,000	460,000	-	N/A
--	1/1/2016	Serial	3.375	585,000	360,000	225,000	-	N/A
60415N5L2	1/1/2021	Serial	4.150	1,670,000	-	940,000	730,000	1
60415N5M0	7/1/2021	Serial	4.200	1,715,000	-	980,000	735,000	1
60415N4X7	7/1/2024	Term (a)	4.550	11,315,000	-	6,380,000	4,935,000	1
60415N4Y5	7/1/2029	Term (b)	4.900	22,700,000	-	12,790,000	9,910,000	1
60415N4Z2	7/1/2034	Term (c)	5.050	23,170,000	-	13,065,000	10,105,000	1
60415N5G3	1/1/2040	Term (d)	5.100	34,550,000	-	19,500,000	15,050,000	1
				$ 103,960,000	$ 6,510,000	$ 55,985,000	$ 41,465,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2009 Series E, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2009 Series D, 2009 Series E, and 2009 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".

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, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2022.
(b): Sinking fund redemptions begin January 1, 2025.
(c): Sinking fund redemptions begin January 1, 2030.
(d): 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.

Residential Housing Finance Bonds, 2012 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)
--	1/1/2013	Serial	0.750	$ 505,000	$ 485,000	$ 20,000	$ -	N/A
--	7/1/2013	Serial	0.850	2,200,000	2,020,000	180,000	-	N/A
--	1/1/2014	Serial	1.100	2,220,000	1,840,000	380,000	-	N/A
--	7/1/2014	Serial	1.200	2,245,000	1,810,000	435,000	-	N/A
--	1/1/2015	Serial	1.500	2,275,000	1,765,000	510,000	-	N/A
--	7/1/2015	Serial	1.600	2,300,000	1,740,000	560,000	-	N/A
--	1/1/2016	Serial	1.850	2,335,000	1,705,000	630,000	-	N/A
--	7/1/2016	Serial	1.950	2,370,000	1,680,000	690,000	-	N/A
60416SAJ9	1/1/2017	Serial	2.250	2,405,000	1,560,000	845,000	-	N/A
60416SAK6	7/1/2017	Serial	2.350	2,445,000	1,495,000	950,000	-	N/A
60416SAL4	1/1/2018	Serial	2.750	2,485,000	1,425,000	1,060,000	-	N/A
60416SAM2	7/1/2018	Serial	2.850	2,530,000	1,390,000	1,140,000	-	N/A
60416SAN0	1/1/2019	Serial	3.050	2,580,000	-	1,185,000	1,395,000	2
60416SAP5	7/1/2019	Serial	3.100	2,630,000	-	1,230,000	1,400,000	2
60416SAQ3	1/1/2020	Serial	3.350	2,675,000	-	1,230,000	1,445,000	2
60416SAR1	7/1/2020	Serial	3.400	2,730,000	-	1,275,000	1,455,000	2
60416SAS9	1/1/2021	Serial	3.550	2,790,000	-	1,305,000	1,485,000	2
60416SAT7	7/1/2021	Serial	3.550	2,855,000	-	1,330,000	1,525,000	2
60416SAU4	1/1/2022	Serial	3.750	2,920,000	-	1,365,000	1,555,000	2
60416SAV2	7/1/2022	Serial	3.750	2,990,000	-	1,385,000	1,605,000	2
60416SAW0	1/1/2023	Serial	3.900	2,460,000	-	1,140,000	1,320,000	2
				$ 50,945,000	$ 18,915,000	$ 18,845,000	$ 13,185,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2012 Series A, continued from prior page

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 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, 2012 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)
60416SAX8	1/1/2023	Serial	3.300	$ 605,000	$ -	$ 265,000	$ 340,000	2
60416SAY6	7/1/2023	Serial	3.300	3,135,000	-	1,365,000	1,770,000	2
60416SAZ3	1/1/2024	Serial	3.450	3,215,000	-	1,430,000	1,785,000	2
60416SBA7	7/1/2024	Serial	3.450	1,875,000	-	1,020,000	855,000	2
				$ 8,830,000	$ -	$ 4,080,000	$ 4,750,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 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, 2012 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)
60416SBB5	7/1/2025	Term (a)	3.625	$ 8,235,000	$ -	$ 3,810,000	$ 4,425,000	2
60416SBC3	1/1/2029	Term (b)	3.850	22,740,000	-	10,485,000	12,255,000	2
				$ 30,975,000	$ -	$ 14,295,000	$ 16,680,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2024.
(b): 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, 2012 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)
60416SBD1	7/1/2030	Term (a)	3.900	$ 16,465,000	$ -	$ 7,615,000	$ 8,850,000	2
60416SBE9	7/1/2040	Term (b)	4.000	43,535,000	-	34,030,000	9,505,000	1
				$ 60,000,000	$ -	$ 41,645,000	$ 18,355,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2029.
(b): 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, 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	-	18,305,000	7,515,000	1
				$ 33,305,000	$ 7,095,000	$ 18,695,000	$ 7,515,000	

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 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)
--	7/1/2016	Serial	0.900	$ 885,000	$ 800,000	$ 85,000	$ -	N/A
60416SCC2	1/1/2017	Serial	1.100	1,450,000	1,240,000	210,000	-	N/A
60416SCD0	7/1/2017	Serial	1.200	1,465,000	1,205,000	260,000	-	N/A
60416SCE8	1/1/2018	Serial	1.450	1,480,000	1,200,000	280,000	-	N/A
60416SCF5	7/1/2018	Serial	1.550	1,500,000	1,145,000	355,000	-	N/A
60416SCG3	1/1/2019	Serial	1.700	1,515,000	-	380,000	1,135,000	2
60416SCH1	7/1/2019	Serial	1.800	1,260,000	-	275,000	985,000	2
				$ 9,555,000	$ 5,590,000	$ 1,845,000	$ 2,120,000	

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.

** 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)
60416SCJ7	7/1/2019	Serial	1.800	$ 275,000	$ -	$ 60,000	$ 215,000	2
60416SCK4	1/1/2020	Serial	2.000	1,555,000	-	335,000	1,220,000	2
60416SCL2	7/1/2020	Serial	2.100	1,580,000	-	350,000	1,230,000	2
60416SCM0	1/1/2021	Serial	2.300	1,600,000	-	360,000	1,240,000	2
60416SCN8	7/1/2021	Serial	2.350	1,625,000	-	370,000	1,255,000	2
60416SCP3	1/1/2022	Serial	2.550	1,650,000	-	375,000	1,275,000	2
60416SCQ1	7/1/2022	Serial	2.550	1,680,000	-	390,000	1,290,000	2
60416SCR9	1/1/2023	Serial	2.750	1,710,000	-	420,000	1,290,000	2
60416SCS7	7/1/2023	Serial	2.750	1,740,000	-	440,000	1,300,000	2
60416SCT5	7/1/2033	Term (a)	3.600	8,180,000	-	1,890,000	6,290,000	2
60416SCU2	7/1/2038	Term (b)	3.800	11,260,000	-	2,615,000	8,645,000	2
60416SCV0	7/1/2043	Term (c)	3.900	9,455,000	-	2,180,000	7,275,000	2
				$ 42,310,000	$ -	$ 9,785,000	$ 32,525,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2013 Series C, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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 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
60416SFE5	1/1/2017	Serial	0.850	1,280,000	935,000	345,000	-	N/A
60416SFF2	7/1/2017	Serial	0.950	1,270,000	855,000	415,000	-	N/A
60416SFG0	1/1/2018	Serial	1.250	1,260,000	725,000	535,000	-	N/A
60416SFH8	7/1/2018	Serial	1.350	1,245,000	700,000	545,000	-	N/A
60416SFJ4	1/1/2019	Serial	1.650	1,235,000	-	590,000	645,000	2
60416SFK1	7/1/2019	Serial	1.750	1,230,000	-	585,000	645,000	2
60416SFL9	1/1/2020	Serial	2.100	1,220,000	-	575,000	645,000	2
60416SFM7	7/1/2020	Serial	2.200	1,215,000	-	570,000	645,000	2
60416SFN5	1/1/2021	Serial	2.500	1,210,000	-	565,000	645,000	2
60416SFP0	7/1/2021	Serial	2.600	1,205,000	-	560,000	645,000	2
60416SFQ8	1/1/2022	Serial	2.800	1,200,000	-	555,000	645,000	2
60416SFR6	7/1/2022	Serial	2.900	1,200,000	-	555,000	645,000	2
60416SFS4	1/1/2023	Serial	3.050	1,200,000	-	555,000	645,000	2
60416SFT2	7/1/2023	Serial	3.100	1,200,000	-	555,000	645,000	2
60416SFU9	1/1/2024	Serial	3.300	1,200,000	-	555,000	645,000	2
60416SFW5	7/1/2024	Serial	3.350	1,200,000	-	555,000	645,000	2
60416SFX3	1/1/2027	Term (a)	3.750	5,095,000	-	2,410,000	2,685,000	2
60416SFV7	7/1/2038	Term (b)	4.000	20,770,000	-	10,300,000	10,470,000	1
				$ 50,000,000	$ 7,375,000	$ 21,730,000	$ 20,895,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2014 Series A, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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
60416SGC8	1/1/2017	Serial	0.850	1,255,000	1,010,000	245,000	-	N/A
60416SGD6	7/1/2017	Serial	0.950	1,240,000	905,000	335,000	-	N/A
60416SGE4	1/1/2018	Serial	1.200	1,230,000	770,000	460,000	-	N/A
60416SGF1	7/1/2018	Serial	1.350	1,220,000	665,000	555,000	-	N/A
60416SGG9	1/1/2019	Serial	1.600	1,210,000	-	570,000	640,000	2
60416SGH7	7/1/2019	Serial	1.700	1,205,000	-	565,000	640,000	2
60416SGJ3	1/1/2020	Serial	2.000	1,195,000	-	550,000	645,000	2
60416SGK0	7/1/2020	Serial	2.100	1,195,000	-	550,000	645,000	2
60416SGL8	1/1/2021	Serial	2.350	1,190,000	-	545,000	645,000	2
60416SGM6	7/1/2021	Serial	2.450	1,185,000	-	540,000	645,000	2
60416SGN4	1/1/2022	Serial	2.700	1,185,000	-	540,000	645,000	2
60416SGP9	7/1/2022	Serial	2.750	1,185,000	-	540,000	645,000	2
60416SGQ7	1/1/2023	Serial	2.950	1,185,000	-	540,000	645,000	2
60416SGR5	7/1/2023	Serial	2.950	1,185,000	-	540,000	645,000	2
60416SGS3	1/1/2024	Serial	3.050	1,190,000	-	545,000	645,000	2
60416SGT1	7/1/2024	Serial	3.050	1,190,000	-	545,000	645,000	2
60416SGW4	1/1/2025	Serial	3.200	1,195,000	-	550,000	645,000	2
60416SGX2	7/1/2025	Serial	3.200	1,200,000	-	555,000	645,000	2
60416SGY0	1/1/2026	Serial	3.350	1,205,000	-	560,000	645,000	2
60416SGU8	7/1/2026	Serial	3.350	380,000	-	175,000	205,000	2
60416SGV6	1/1/2038	Term (a)	4.000	22,460,000	-	11,165,000	11,295,000	1
				$ 50,000,000	$ 7,425,000	$ 21,410,000	$ 21,165,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2014 Series B, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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.

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
60416SHD5	1/1/2017	Serial	0.950	3,215,000	2,630,000	585,000	$ -	N/A
60416SHE3	7/1/2017	Serial	1.050	3,300,000	2,565,000	735,000	$ -	N/A
60416SHF0	1/1/2018	Serial	1.300	3,350,000	2,465,000	885,000	$ -	N/A
60416SHG8	7/1/2018	Serial	1.400	3,400,000	2,415,000	985,000	$ -	N/A
60416SHH6	1/1/2019	Serial	1.700	3,460,000	-	1,070,000	$ 2,390,000	2
60416SHJ2	7/1/2019	Serial	1.800	3,510,000	-	1,085,000	$ 2,425,000	2
60416SHK9	1/1/2020	Serial	2.050	3,560,000	-	1,100,000	$ 2,460,000	2
60416SHL7	7/1/2020	Serial	2.150	665,000	-	205,000	$ 460,000	2
60416SHQ6	7/1/2022	Serial	2.900	3,900,000	-	1,205,000	$ 2,695,000	2
60416SHR4	1/1/2023	Serial	3.000	3,970,000	-	1,215,000	$ 2,755,000	2
60416SHS2	7/1/2023	Serial	3.050	4,060,000	-	1,245,000	$ 2,815,000	2
60416SHT0	1/1/2024	Serial	3.125	4,145,000	-	1,270,000	$ 2,875,000	2
60416SHU7	7/1/2024	Serial	3.125	4,240,000	-	1,300,000	$ 2,940,000	2
60416SHV5	1/1/2025	Serial	3.200	4,330,000	-	1,325,000	$ 3,005,000	2
60416SHX1	1/1/2045	Term (a)	4.000	84,225,000	-	35,165,000	$ 49,060,000	1
				$ 143,145,000	$ 19,140,000	$ 50,125,000	$ 73,880,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2014 Series C, continued from prior page

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, 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, 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	$ -	$ 1,345,000	$ 3,080,000	2
60416SHY9	1/1/2026	Serial	3.100	2,160,000	-	660,000	1,500,000	2
				$ 6,585,000	$ -	$ 2,005,000	$ 4,580,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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, 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%.

** 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	$ -	$ 915,000	$ 2,040,000	2
60416SHN3	1/1/2021	Serial	2.200	3,660,000	-	1,120,000	2,540,000	2
60416SHP8	7/1/2021	Serial	2.300	3,720,000	-	1,150,000	2,570,000	2
60416SHW3	1/1/2022	Serial	2.600	3,815,000	-	1,180,000	2,635,000	2
60416SJC5	1/1/2026	Serial	3.100	2,375,000	-	725,000	1,650,000	2
60416SJD3	7/1/2026	Serial	3.100	4,580,000	-	1,400,000	3,180,000	2
60416SJA9	7/1/2029	Term (a)	3.350	29,485,000	-	9,045,000	20,440,000	2
60416SJB7	1/1/2032	Term (b)	3.500	25,410,000	-	7,805,000	17,605,000	2
				$ 76,000,000	$ -	$ 23,340,000	$ 52,660,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2014 Series E, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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, 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, 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	$ -	$ 16,105,000	$ 26,965,000	1
				$ 43,070,000	$ -	$ 16,105,000	$ 26,965,000	

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.

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
60416SKH2	1/1/2017	Serial	0.625	1,575,000	1,360,000	215,000	-	N/A
60416SKJ8	7/1/2017	Serial	0.800	1,590,000	1,305,000	285,000	-	N/A
60416SKK5	1/1/2018	Serial	1.100	1,605,000	1,165,000	440,000	-	N/A
60416SKL3	7/1/2018	Serial	1.200	1,625,000	1,140,000	485,000	-	N/A
60416SKM1	1/1/2019	Serial	1.350	1,645,000	-	525,000	1,120,000	2
60416SKN9	7/1/2019	Serial	1.450	1,665,000	-	530,000	1,135,000	2
60416SKP4	1/1/2020	Serial	1.700	1,690,000	-	540,000	1,150,000	2
60416SKQ2	7/1/2020	Serial	1.800	1,715,000	-	545,000	1,170,000	2
60416SKR0	1/1/2021	Serial	2.050	1,740,000	-	555,000	1,185,000	2
60416SKS8	7/1/2021	Serial	2.100	1,765,000	-	560,000	1,205,000	2
60416SKT6	1/1/2022	Serial	2.350	1,790,000	-	560,000	1,230,000	2
60416SKU3	7/1/2022	Serial	2.400	1,820,000	-	580,000	1,240,000	2
60416SKV1	1/1/2023	Serial	2.55	1,855,000	-	590,000	1,265,000	2
60416SKW9	7/1/2023	Serial	2.60	1,890,000	-	600,000	1,290,000	2
60416SKX7	1/1/2024	Serial	2.75	1,930,000	-	610,000	1,320,000	2
60416SKY5	7/1/2024	Serial	2.80	1,965,000	-	625,000	1,340,000	2
60416SKZ2	1/1/2025	Serial	2.90	2,005,000	-	635,000	1,370,000	2
60416SLA6	7/1/2025	Serial	2.95	2,050,000	-	650,000	1,400,000	2
60416SLB4	1/1/2026	Serial	3.05	2,090,000	-	665,000	1,425,000	2
60416SLC2	7/1/2026	Serial	3.10	2,135,000	-	685,000	1,450,000	2
60416SLD0	7/1/2031	Term(a)	3.60	24,245,000	-	7,685,000	16,560,000	2
				$ 61,780,000	$ 6,310,000	$ 18,615,000	$ 36,855,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2015 Series C, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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.

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)
60416SLE8	1/1/2046	Term (a)	Variable*	$ 18,225,000	$ -	$ -	$ 18,225,000	2
				$ 18,225,000	$ -	$ -	$ 18,225,000	

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 September 30, 2018 was 1.59%.

** 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 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
60416SML1	1/1/2017	Serial	1.000	2,220,000	2,035,000	185,000	-	2
60416SMM9	7/1/2017	Serial	1.110	2,240,000	1,840,000	400,000	-	2
60416SMN7	1/1/2018	Serial	1.250	2,270,000	1,660,000	610,000	-	2
60416SMP2	7/1/2018	Serial	1.350	2,295,000	1,610,000	685,000	-	2
60416SMQ0	1/1/2019	Serial	1.650	2,325,000	-	770,000	1,555,000	2
60416SMR8	7/1/2019	Serial	1.750	2,360,000	-	800,000	1,560,000	2
60416SMS6	1/1/2020	Serial	1.900	2,395,000	-	815,000	1,580,000	2
60416SMT4	7/1/2020	Serial	2.000	2,435,000	-	820,000	1,615,000	2
60416SMU1	1/1/2021	Serial	2.150	2,475,000	-	830,000	1,645,000	2
60416SMV9	7/1/2021	Serial	2.250	2,515,000	-	840,000	1,675,000	2
60416SMW7	1/1/2022	Serial	2.350	2,560,000	-	865,000	1,695,000	2
60416SMX5	7/1/2022	Serial	2.450	2,610,000	-	880,000	1,730,000	2
60416SMY3	1/1/2023	Serial	2.650	1,930,000	-	650,000	1,280,000	2
60416SMZ0	1/1/2046	Term(a)	3.500	64,500,000	-	20,795,000	43,705,000	1
				$ 96,930,000	$ 8,935,000	$ 29,955,000	$ 58,040,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2015 Series E, continued from prior page

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 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)
60416SNA4	1/1/2023	Serial	2.350	$ 730,000	$ -	$ 245,000	$ 485,000	2
60416SNB2	7/1/2023	Serial	2.400	2,715,000	-	910,000	1,805,000	2
60416SNC0	1/1/2024	Serial	2.600	2,770,000	-	930,000	1,840,000	2
60416SND8	7/1/2024	Serial	2.650	2,830,000	-	945,000	1,885,000	2
60416SNE6	1/1/2025	Serial	2.750	2,890,000	-	970,000	1,920,000	2
60416SNF3	7/1/2025	Serial	2.800	2,955,000	-	985,000	1,970,000	2
60416SNG1	1/1/2026	Serial	2.900	3,020,000	-	1,015,000	2,005,000	2
60416SNJ5	7/1/2026	Serial	2.950	3,090,000	-	1,045,000	2,045,000	2
60416SNH9	7/1/2029	Term(a)	3.300	18,515,000	-	6,195,000	12,320,000	2
				$ 39,515,000	$ -	$ 13,240,000	$ 26,275,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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, 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, 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)
60416SMG2	1/1/2034	Term (a)	Variable*	$ 35,000,000	$ -	$ -	$ 35,000,000	2
				$ 35,000,000	$ -	$ -	$ 35,000,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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 September 30, 2018 was 1.56%.

** 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)
60416SNM8	1/1/2017	Serial	0.850	$ 695,000	$ 660,000	$ 35,000	$ -	2
60416SNN6	7/1/2017	Serial	0.950	1,125,000	980,000	145,000	-	2
60416SNP1	1/1/2018	Serial	1.050	1,140,000	940,000	200,000	-	2
60416SNQ9	7/1/2018	Serial	1.100	1,145,000	910,000	235,000	-	2
60416SNR7	1/1/2019	Serial	1.250	1,590,000	-	355,000	1,235,000	2
60416SNS5	7/1/2019	Serial	1.300	1,600,000	-	355,000	1,245,000	2
60416SNT3	1/1/2020	Serial	1.500	1,625,000	-	355,000	1,270,000	2
60416SNU0	7/1/2020	Serial	1.550	1,650,000	-	360,000	1,290,000	2
60416SNV8	1/1/2021	Serial	1.700	1,670,000	-	375,000	1,295,000	2
60416SNW6	7/1/2021	Serial	1.750	1,700,000	-	380,000	1,320,000	2
60416SNX4	1/1/2022	Serial	1.950	1,725,000	-	380,000	1,345,000	2
60416SNY2	7/1/2022	Serial	2.000	1,750,000	-	390,000	1,360,000	2
60416SNZ9	1/1/2023	Serial	2.100	1,790,000	-	395,000	1,395,000	2
60416SPA2	7/1/2023	Serial	2.150	1,820,000	-	415,000	1,405,000	2
60416SPB0	1/1/2024	Serial	2.250	1,845,000	-	420,000	1,425,000	2
60416SPC8	7/1/2024	Serial	2.300	1,885,000	-	420,000	1,465,000	2
60416SPD6	1/1/2025	Serial	2.450	1,920,000	-	430,000	1,490,000	2
60416SPE4	7/1/2025	Serial	2.500	1,960,000	-	445,000	1,515,000	2
60416SPF1	1/1/2026	Serial	2.650	1,995,000	-	450,000	1,545,000	2
60416SPG9	7/1/2026	Serial	2.700	2,040,000	-	455,000	1,585,000	2
60416SPH7	7/1/2031	Term (a)	3.100	23,180,000	-	5,185,000	17,995,000	2
60416SPJ3	1/1/2033	Term (b)	3.200	7,285,000	-	1,625,000	5,660,000	2
				$ 63,135,000	$ 3,490,000	$ 13,805,000	$ 45,840,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2016 Series A, continued from prior page

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	$ -	$ 3,505,000	$ 12,175,000	2
60416SPL8	1/1/2037	Term (b)	3.150	9,850,000	-	2,200,000	7,650,000	2
60416SPM6	7/1/2046	Term (c)	3.500	49,455,000	-	14,490,000	34,965,000	1
				$ 74,985,000	$ -	$ 20,195,000	$ 54,790,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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)
60416SPN4	1/1/2017	Serial	1.200	$ 600,000	$ 540,000	$ 60,000	$ -	2
60416SPP9	1/1/2018	Serial	1.550	1,200,000	900,000	300,000	-	2
60416SPQ7	1/1/2019	Serial	1.850	815,000	-	285,000	530,000	2
60416SPR5	1/1/2020	Serial	2.200	425,000	-	120,000	305,000	2
60416SPS3	1/1/2021	Serial	2.450	450,000	-	140,000	310,000	2
60416SPT1	1/1/2022	Serial	2.700	470,000	-	150,000	320,000	2
60416SPU8	1/1/2023	Serial	2.900	500,000	-	175,000	325,000	2
60416SPV6	1/1/2024	Serial	3.050	530,000	-	180,000	350,000	2
60416SPW4	1/1/2025	Serial	3.250	560,000	-	195,000	365,000	2
60416SPX2	1/1/2026	Serial	3.350	590,000	-	220,000	370,000	2
60416SPY0	7/1/2031	Term (a)	3.800	3,900,000	-	1,325,000	2,575,000	2
60416SPZ7	7/1/2037	Term (b)	4.200	5,550,000	-	1,900,000	3,650,000	2
				$ 15,590,000	$ 1,440,000	$ 5,050,000	$ 9,100,000	

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 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)
60416SSD3	7/1/2017	Serial	1.300	$ 1,425,000	$ 1,390,000	$ 35,000	$ -	2
60416SSE1	1/1/2018	Serial	1.400	1,580,000	1,450,000	130,000	-	2
60416SSF8	7/1/2018	Serial	1.500	1,600,000	1,415,000	185,000	-	2
60416SSG6	1/1/2019	Serial	1.800	1,615,000	-	215,000	1,400,000	2
60416SSH4	7/1/2019	Serial	1.900	1,640,000	-	225,000	1,415,000	2
60416SSJ0	1/1/2020	Serial	2.050	1,665,000	-	235,000	1,430,000	2
60416SSK7	7/1/2020	Serial	2.150	1,690,000	-	245,000	1,445,000	2
60416SSL5	1/1/2021	Serial	2.300	125,000	-	10,000	115,000	2
				$ 11,340,000	$ 4,255,000	$ 1,280,000	$ 5,805,000	

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%.

** 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	$ -	$ 220,000	$ 1,370,000	2
60416SSN1	7/1/2021	Serial	2.100	1,745,000	-	235,000	1,510,000	2
60416SSP6	1/1/2022	Serial	2.300	1,775,000	-	245,000	1,530,000	2
60416SSQ4	7/1/2022	Serial	2.400	1,810,000	-	245,000	1,565,000	2
60416SSR2	1/1/2023	Serial	2.500	1,840,000	-	245,000	1,595,000	2
60416SSS0	7/1/2023	Serial	2.600	1,875,000	-	245,000	1,630,000	2
60416SST8	1/1/2024	Serial	2.700	1,915,000	-	255,000	1,660,000	2
60416SSU5	7/1/2024	Serial	2.800	1,955,000	-	260,000	1,695,000	2
60416SSV3	1/1/2025	Serial	2.900	1,995,000	-	270,000	1,725,000	2
60416SSW1	7/1/2025	Serial	2.950	2,040,000	-	275,000	1,765,000	2
60416SSX9	1/1/2026	Serial	3.050	2,085,000	-	285,000	1,800,000	2
60416SSY7	7/1/2026	Serial	3.100	2,130,000	-	285,000	1,845,000	2
60416SSZ4	1/1/2027	Serial	3.200	2,175,000	-	295,000	1,880,000	2
60416STA8	7/1/2027	Serial	3.250	2,225,000	-	300,000	1,925,000	2
60416STB6	1/1/2031	Term(a)	3.700	14,320,000	-	1,935,000	12,385,000	2
60416STC4	1/1/2047	Term (b)	4.000	33,530,000	-	6,245,000	27,285,000	1
				$ 75,005,000	$ -	$ 11,840,000	$ 63,165,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2016 Series E, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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	$ -	$ -	$ 50,000,000	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 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 September 30, 2018 was 1.59%.

** 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 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)
60416STE0	1/1/2018	Serial	1.000	$ 495,000	$ 440,000	$ 55,000	$ -	2
60416STF7	7/1/2018	Serial	1.100	1,500,000	1,280,000	220,000	-	2
60416STG5	1/1/2019	Serial	1.350	1,515,000	-	275,000	1,240,000	2
60416STH3	7/1/2019	Serial	1.400	1,530,000	-	285,000	1,245,000	2
60416STJ9	1/1/2020	Serial	1.500	1,550,000	-	285,000	1,265,000	2
60416STK6	7/1/2020	Serial	1.550	1,570,000	-	290,000	1,280,000	2
60416STL4	1/1/2021	Serial	1.700	1,590,000	-	295,000	1,295,000	2
60416STM2	7/1/2021	Serial	1.750	1,610,000	-	295,000	1,315,000	2
60416STN0	1/1/2022	Serial	1.900	1,630,000	-	295,000	1,335,000	2
60416STP5	7/1/2022	Serial	1.950	1,655,000	-	305,000	1,350,000	2
60416STQ3	1/1/2023	Serial	2.100	1,680,000	-	305,000	1,375,000	2
60416STR1	7/1/2023	Serial	2.150	1,705,000	-	310,000	1,395,000	2
60416STS9	1/1/2024	Serial	2.250	1,730,000	-	315,000	1,415,000	2
60416STT7	7/1/2024	Serial	2.300	1,760,000	-	320,000	1,440,000	2
60416STU4	1/1/2025	Serial	2.450	1,790,000	-	325,000	1,465,000	2
60416STV2	7/1/2025	Serial	2.500	1,820,000	-	325,000	1,495,000	2
60416STW0	1/1/2026	Serial	2.650	1,855,000	-	335,000	1,520,000	2
60416STX8	7/1/2026	Serial	2.700	1,890,000	-	345,000	1,545,000	2
60416STY6	1/1/2027	Serial	2.800	1,925,000	-	355,000	1,570,000	2
60416STZ3	7/1/2027	Serial	2.850	1,965,000	-	360,000	1,605,000	2
60416SUA6	7/1/2030	Term(a)	3.200	10,690,000	-	1,945,000	8,745,000	2
				$ 43,455,000	$ 1,720,000	$ 7,840,000	$ 33,895,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2017 Series A, continued from prior page

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, 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.

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	$ -	$ 685,000	$ 3,045,000	2
60416SUC2	7/1/2047	Term (b)	4.000	33,660,000	-	2,830,000	30,830,000	1
				$ 37,390,000	$ -	$ 3,515,000	$ 33,875,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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.

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	$ -	$ -	$ 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 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 September 30, 2018 was 1.59%.

** 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 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)
60416SVE7	7/1/2018	Serial	1.450	$ 1,250,000	$ 1,230,000.00	$ 20,000	$ -	2
60416SVF4	1/1/2019	Serial	1.700	1,495,000	-	35,000	1,460,000	2
60416SVG2	7/1/2019	Serial	1.800	1,510,000	-	35,000	1,475,000	2
60416SVH0	1/1/2020	Serial	2.000	1,530,000	-	35,000	1,495,000	2
60416SVJ6	7/1/2020	Serial	2.050	1,550,000	-	35,000	1,515,000	2
60416SVK3	1/1/2021	Serial	2.200	1,575,000	-	35,000	1,540,000	2
60416SVL1	7/1/2021	Serial	2.250	1,595,000	-	35,000	1,560,000	2
60416SVM9	1/1/2022	Serial	2.350	1,620,000	-	40,000	1,580,000	2
60416SVN7	7/1/2022	Serial	2.400	1,645,000	-	40,000	1,605,000	2
60416SVP2	1/1/2023	Serial	2.450	1,670,000	-	40,000	1,630,000	2
60416SVQ0	7/1/2023	Serial	2.500	1,695,000	-	40,000	1,655,000	2
60416SVR8	1/1/2024	Serial	2.550	1,725,000	-	40,000	1,685,000	2
60416SVS6	7/1/2024	Serial	2.600	1,750,000	-	40,000	1,710,000	2
60416SVT4	1/1/2025	Serial	2.750	1,780,000	-	40,000	1,740,000	2
60416SVU1	7/1/2025	Serial	2.800	1,810,000	-	40,000	1,770,000	2
60416SVV9	1/1/2026	Serial	2.900	1,845,000	-	40,000	1,805,000	2
60416SVW7	7/1/2026	Serial	2.900	1,875,000	-	40,000	1,835,000	2
60416SVX5	1/1/2027	Serial	2.950	1,910,000	-	40,000	1,870,000	2
60416SVY3	7/1/2027	Serial	3.000	1,950,000	-	40,000	1,910,000	2
60416SVZ0	1/1/2028	Serial	3.100	1,985,000	-	50,000	1,935,000	2
60416SWA4	7/1/2028	Serial	3.150	2,025,000	-	50,000	1,975,000	2
60416SWB2	1/1/2030	Term(a)	3.300	5,355,000	-	125,000	5,230,000	2
				$ 41,145,000	$ 1,230,000.00	$ 935,000	$ 38,980,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2017 Series D, continued from prior page

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, 2029.

** 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	$ -	$ 445,000	$ 18,790,000	2
60416SWD8	1/1/2048	Term (b)	4.000	43,840,000	-	1,510,000	42,330,000	1
				$ 63,075,000	$ -	$ 1,955,000	$ 61,120,000	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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.

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	

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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 September 30, 2018 was 1.56%.

** 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 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)
60416SWG1	1/1/2019	Serial	1.800	$ 380,000	$ -	$ -	$ 380,000	2
60416SWH9	7/1/2019	Serial	1.900	575,000	-	-	575,000	2
60416SWJ5	1/1/2020	Serial	2.050	575,000	-	-	575,000	2
60416SWK2	7/1/2020	Serial	2.200	585,000	-	-	585,000	2
60416SWL0	1/1/2021	Serial	2.350	590,000	-	-	590,000	2
60416SWM8	7/1/2021	Serial	2.450	600,000	-	-	600,000	2
60416SWN6	1/1/2022	Serial	2.500	610,000	-	-	610,000	2
60416SWP1	7/1/2022	Serial	2.550	615,000	-	-	615,000	2
60416SWQ9	1/1/2023	Serial	2.650	630,000	-	-	630,000	2
60416SWR7	7/1/2023	Serial	2.700	570,000	-	-	570,000	2
60416SWS5	1/1/2024	Serial	2.850	550,000	-	-	550,000	2
60416SWT3	7/1/2024	Serial	2.900	590,000	-	-	590,000	2
60416SWU0	1/1/2025	Serial	3.000	930,000	-	-	930,000	2
60416SWV8	7/1/2025	Serial	3.050	950,000	-	-	950,000	2
60416SWW6	1/1/2026	Serial	3.150	965,000	-	-	965,000	2
60416SWX4	7/1/2026	Serial	3.250	985,000	-	-	985,000	2
60416SWY2	1/1/2027	Serial	3.350	1,005,000	-	-	1,005,000	2
60416SWZ9	7/1/2027	Serial	3.400	1,030,000	-	-	1,030,000	2
60416SXA3	1/1/2028	Serial	3.450	1,050,000	-	-	1,050,000	2
60416SXB1	7/1/2028	Serial	3.500	1,180,000	-	-	1,180,000	2
60416SXC9	7/1/2032	Term(a)	3.625	13,855,000	-	-	13,855,000	2
				$ 28,820,000	$ -	$ -	$ 28,820,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2018 Series A, continued from prior page

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 January 1, 2029.

** 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 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)
60416SXD7	7/1/2019	Serial	1.700	$ 100,000	$ -	$ -	$ 100,000	2
60416SXE5	1/1/2020	Serial	1.800	100,000	-	-	100,000	2
60416SXF2	7/1/2020	Serial	1.900	100,000	-	-	100,000	2
60416SXG0	1/1/2021	Serial	2.000	100,000	-	-	100,000	2
60416SXH8	7/1/2021	Serial	2.100	100,000	-	-	100,000	2
60416SXJ4	1/1/2022	Serial	2.150	100,000	-	-	100,000	2
60416SXK1	7/1/2022	Serial	2.200	100,000	-	-	100,000	2
60416SXL9	1/1/2023	Serial	2.300	100,000	-	-	100,000	2
60416SXM7	7/1/2023	Serial	2.350	175,000	-	-	175,000	2
60416SXN5	1/1/2024	Serial	2.500	200,000	-	-	200,000	2
60416SXP0	7/1/2024	Serial	2.550	200,000	-	-	200,000	2
60416SXQ8	7/1/2033	Term (a)	3.450	5,380,000	-	-	5,380,000	2
60416SXR6	7/1/2037	Term (b)	3.650	11,950,000	-	-	11,950,000	2
60416SXS4	7/1/2048	Term (c)	4.000	24,975,000	-	-	24,975,000	1
				$ 43,680,000	$ -	$ -	$ 43,680,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2018 Series B, continued from prior page

* Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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.

Residential Housing Finance Bonds, 2018 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)
60416SXT2	1/1/2019	Serial	2.650	$ 620,000	$ -	$ -	$ 620,000	2
60416SXU9	7/1/2019	Serial	2.800	700,000	-	-	700,000	2
60416SXV7	1/1/2020	Serial	2.900	720,000	-	-	720,000	2
60416SXW5	7/1/2020	Serial	3.000	735,000	-	-	735,000	2
60416SXX3	1/1/2021	Serial	3.050	755,000	-	-	755,000	2
60416SXY1	7/1/2021	Serial	3.150	770,000	-	-	770,000	2
60416SXZ8	1/1/2022	Serial	3.300	790,000	-	-	790,000	2
60416SYA2	7/1/2022	Serial	3.350	810,000	-	-	810,000	2
60416SYB0	1/1/2023	Serial	3.450	825,000	-	-	825,000	2
60416SYC8	7/1/2023	Serial	3.500	845,000	-	-	845,000	2
60416SYD6	1/1/2024	Serial	3.550	870,000	-	-	870,000	2
60416SYE4	7/1/2024	Serial	3.600	865,000	-	-	865,000	2
60416SYF1	1/1/2025	Serial	3.650	760,000	-	-	760,000	2
60416SYG9	7/1/2025	Serial	3.700	775,000	-	-	775,000	2
60416SYH7	1/1/202	Serial	3.750	795,000	-	-	795,000	2
60416SYJ3	7/1/2026	Serial	3.800	815,000	-	-	815,000	2
60416SYK0	1/1/2027	Serial	3.850	835,000	-	-	835,000	2
60416SYL8	7/1/2027	Serial	3.900	855,000	-	-	855,000	2
60416SYM6	1/1/2028	Serial	3.950	875,000	-	-	875,000	2
60416SYN4	7/1/2028	Serial	4.000	795,000	-	-	795,000	2
60416SYP9	7/1/2033	Term (a)	4.200	3,385,000	-	-	3,385,000	2
60416SYQ7	7/1/2040	Term (b)	4.450	5,805,000	-	-	5,805,000	2
				$ 25,000,000	$ -	$ -	$ 25,000,000	

continued and notes appear on next page

Residential Housing Finance Bonds, 2018 Series C, continued from prior page

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 January 1, 2029.
(b): 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, 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	$ -	$ -	$ 35,000,000	3
				$ 35,000,000	$ -	$ -	$ 35,000,000	

† Interest not included in the calculation of adjusted current earnings of corporations for purposes of the federal alternative minimum tax.

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 September 30, 2018 was 1.99%.

** 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 September 30, 2018

Residential Housing Finance 2006 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: Prepayments must be applied first to redeem Series N 2037 PAC Term Bonds in accordance with the cumulative redemption schedule and second may be applied to redeem any outstanding Bonds selected by Agency option (other than Series N 2037 PAC Term Bonds if in excess of their respective cumulative redemption schedules). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds, but with respect to the Series N 2037 PAC Term Bonds not in excess of their respective cumulative redemption schedules.

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 Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2018

Residential Housing Finance 2009 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. 10-Year Rule Requirements Dates — Percentages October 1, 2009 to December 31, 2009 — 56.23% January 1, 2010 to June 30, 2011 — 61.55 July 1, 2011 to June 30, 2012 — 63.25 July 1, 2012 to June 30, 2015 — 67.20 July 1, 2015 to June 30, 2018 — 70.94 July 1, 2018 and thereafter — 100.00 Prepayments that are not 10-year rule restricted may be applied to redeem any outstanding Bonds (including any Series Bonds) selected by the Agency. Excess Revenues: Any outstanding Bonds (including the Series Bonds) selected by the Agency.

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2018

Residential Housing Finance 2012 Series A, 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 to redeem outstanding Series Bonds, selected by the Agency (exclusive of prepayments allocable to Unrestricted Transferred Program Loans as described in the Official Statement). 10-Year Rule Requirements Dates — Percentages April 26, 2012 to April 25, 2022 — 58.97% April 26, 2022 and thereafter — 100.00 All prepayments must be applied first to redeem the Series D July 2040 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 July 2040 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 July 2040 PAC Term bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series D July 2040 PAC Term bonds beyond their cumulative redemption schedule).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2018

Residential Housing Finance 2013 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 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 September 30, 2018

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).

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2018

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 September 30, 2018

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 September 30, 2018

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 September 30, 2018

Residential Housing Finance 2015 Series E, 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. 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 September 30, 2018

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 September 30, 2018

Residential Housing Finance 2016 Series D, 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 September 30, 2018

Residential Housing Finance 2017 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 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 September 30, 2018

Residential Housing Finance 2017 Series D, 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 July 18, 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 September 30, 2018

Residential Housing Finance 2018 Series A, 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	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 30, 2028 — 54.65 July 1, 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

Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2018

	Bonds and 2018 Series D Bonds (other than the Series B July 2048 PAC Term Bonds)). <u>Excess Revenues:</u> 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 Bond Resolution
Tax Restricted Prepayments and Repayments
Information as of September 30, 2018

MINNESOTA HOUSING

RHFB 2009 DEF

Date	Percent
9/30/2018	100.00%

RHFB 2012 ABCD

Date	Percent
9/30/2018	58.97%
4/26/2022	100.00%

RHFB 2013 ABC

Date	Percent
9/30/2018	49.30%
1/1/2023	100.00%

RHFB 2014 A

Date	Percent
9/30/2018	0.00%
3/26/2024	100.00%

RHFB 2014 B

Date	Percent
9/30/2018	0.00%
4/30/2024	100.00%

RHFB 2014 CDE

Date	Percent
9/30/2018	65.94%
12/16/2024	100.00%

RHFB 2015 ABCD

Date	Percent
9/30/2018	47.52%
8/11/2025	100.00%

RHFB 2015 EFG

Date	Percent
9/30/2018	56.73%
12/8/2025	100.00%

RHFB 2016 AB*

Date	Percent
9/30/2018	47.22%
6/22/2026	100.00%

RHFB 2016 DEF

Date	Percent
9/1/2018	41.04%
7/1/2020	43.95%
7/1/2021	46.82%
7/1/2022	48.51%
7/1/2023	52.74%
7/1/2024	56.34%
7/1/2025	60.83%
12/22/2026	100.00%

RHFB 2017 ABC

Date	Percent
9/1/2018	67.18%
7/1/2020	68.62%
7/1/2021	69.94%
7/1/2022	72.21%
7/1/2023	76.34%
7/1/2024	79.97%
7/1/2025	85.22%
7/1/2026	85.64%
7/19/2027	100.00%

RHFB 2017 DEF

Date	Percent
9/1/2018	26.99%
7/1/2020	28.30%
7/1/2021	29.31%
7/1/2022	30.95%
7/1/2023	33.78%
7/1/2024	35.97%
7/1/2025	39.84%
7/1/2026	40.37%
12/21/2027	100.00%

RHFB 2018 ABD**

Date	Percent
9/30/2018	24.91%
7/1/2020	27.79%
7/1/2021	29.73%
7/1/2022	33.12%
7/1/2023	37.64%
7/1/2024	43.42%
7/1/2025	51.93%
7/1/2026	54.65%
7/28/2028	100.00%

* 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.

** 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.

Residential Housing Finance Bond Resolution
Investments
Information as of September 30, 2018

Series	Fund	Investment Type	Maturity Date	Interest Rate			Par
None	Revenue	FHLMC	3/15/2031	6.75000	%	$	826,000
None	Revenue	FNMA POOL #AH0096	12/1/2040	3.32500			460,657
None	Revenue	GNMA II POOL #755394	7/20/2040	4.25000			71,773
None	Revenue	GNMA II POOL #755398	7/20/2040	4.75000			210,878
None	Revenue	GNMA II POOL #755421	11/20/2040	4.00000			181,689
None	Revenue	GNMA II POOL #755423	10/20/2040	4.50000			150,294
None	Revenue	GNMA II POOL #755715	12/20/2040	4.00000			506,199
None	Revenue	GNMA II POOL #755719	11/20/2040	4.50000			353,013
None	Revenue	GNMA II POOL #755884	1/20/2041	3.62500			196,276
None	Revenue	GNMA II POOL #755885	1/20/2041	3.87500			410,430
None	Revenue	GNMA II POOL #755997	1/20/2041	4.37500			110,886
None	Revenue	GNMA II POOL #755998	7/20/2040	4.62500			223,715
None	Revenue	GNMA II POOL #756018	1/20/2041	4.12500			148,897
None	Revenue	GNMA II POOL #756055	1/20/2041	4.12500			133,031
None	Revenue	GNMA II Pool #755737	1/20/2041	3.87500			429,528
None	Revenue	GNMA II Pool #755714	12/20/2040	3.87500			82,363
None	Revenue	FNMA POOL #AH5485	1/1/2041	4.12500			51,492
None	Revenue	Resolution Funding Corp.	10/15/2019	8.12500			605,000
None	Revenue	Treasury Bond	11/15/2018	9.00000			350,000
None	Revenue	Treasury Bond	8/15/2020	8.75000			370,000
None	Revenue	Treasury Bond	8/15/2021	8.12500			1,195,000
None	Revenue	Treasury Bond	2/15/2023	7.12500			3,415,000
None	Revenue	Government Money Market Fund	Daily	1.96271			36,230,608
06LMN	Bond Fund Interest	Government Money Market Fund	Daily	1.96271			8,464
06LMN	Bond Fund Principal	Government Money Market Fund	Daily	1.96271			4,963
06LMN	Debt Service Reserve	Government Money Market Fund	Daily	1.96271			39,600
06LMN	Revenue	Government Money Market Fund	Daily	1.96271			0
07M	Bond Fund Interest	Government Money Market Fund	Daily	1.96271			288,935
07M	Debt Service Reserve	Transamerica Life Insurance Company Inv. Agmt.	7/1/2048	5.26000			901,500
07M	Revenue	Government Money Market Fund	Daily	1.96271			838,487
09DEF	Bond Fund Interest	Government Money Market Fund	Daily	1.96271			549,754
09DEF	Bond Fund Principal	Government Money Market Fund	Daily	1.96271			312,500
09DEF	Debt Service Reserve	FNMA Pool #AT9858	5/1/2043	2.90000			367,498
09DEF	Debt Service Reserve	FNMA Pool #AU7184	5/1/2043	3.00000			195,358
09DEF	Debt Service Reserve	GNMA II Pool #755712	12/20/2040	3.37500			227,125
09DEF	Debt Service Reserve	GNMA II Pool #755716	8/20/2040	4.12500			127,660
09DEF	Debt Service Reserve	GNMA II Pool #755753	1/20/2041	3.37500			172,055
09DEF	Debt Service Reserve	GNMA II Pool #755735	1/20/2041	3.37500			294,196
09DEF	Debt Service Reserve	GNMA II Pool #755799	1/20/2041	3.62500			112,372
09DEF	Debt Service Reserve	GNMA II Pool #755996	1/20/2041	4.12500			92,310
09DEF	Debt Service Reserve	Government Money Market Fund	Daily	1.96271			681,176
09DEF	Redemption	Government Money Market Fund	Daily	1.96271			500,000
09DEF	Revenue	Government Money Market Fund	Daily	1.96271			1,595,107
12ABCD	Bond Fund Interest	Government Money Market Fund	Daily	1.96271			501,936
12ABCD	Bond Fund Principal	Government Money Market Fund	Daily	1.96271			697,500
12ABCD	Debt Service Reserve	FNMA Pool #AT7540	7/1/2043	2.90000			888,435

Residential Housing Finance Bond Resolution
Investments
Information as of September 30, 2018

Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
12ABCD	Debt Service Reserve	FNMA Pool #AU7183	7/1/2043	3.00000 %	$ 1,342,295
12ABCD	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	723,421
12ABCD	Redemption	Government Money Market Fund	Daily	1.96271	570,001
12ABCD	Revenue	Government Money Market Fund	Daily	1.96271	2,452,979
13ABC	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	340,736
13ABC	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	621,250
13ABC	Debt Service Reserve	FNMA Pool #AT7541	7/1/2043	3.02500	720,147
13ABC	Debt Service Reserve	GNMA II Pool #AF0609	7/20/2043	2.50000	775,459
13ABC	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	584,478
13ABC	Redemption	Government Money Market Fund	Daily	1.96271	240,000
13ABC	Revenue	Government Money Market Fund	Daily	1.96271	1,676,187
14A	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	185,923
14A	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	327,500
14A	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	1,195,200
14A	Redemption	Government Money Market Fund	Daily	1.96271	690,000
14A	Revenue	Government Money Market Fund	Daily	1.96271	1,479,944
14B	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	182,108
14B	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	320,000
14B	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	1,220,400
14B	Redemption	Government Money Market Fund	Daily	1.96271	910,000
14B	Revenue	Government Money Market Fund	Daily	1.96271	2,426,818
14CDE	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	1,127,897
14CDE	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	1,195,000
14CDE	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	5,939,700
14CDE	Redemption	Government Money Market Fund	Daily	1.96271	825,000
14CDE	Revenue	Government Money Market Fund	Daily	1.96271	4,618,701
15ABCD	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	590,404
15ABCD	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	560,000
15ABCD	Debt Service Reserve	FNMA POOL #AT7535	6/1/2043	2.77500	557,831
15ABCD	Debt Service Reserve	FNMA POOL #AU3005	6/1/2043	2.90000	332,058
15ABCD	Debt Service Reserve	GNMA II POOL #AC8310	1/20/2043	2.50000	58,205
15ABCD	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	2,658,356
15ABCD	Redemption	Government Money Market Fund	Daily	1.96271	505,000
15ABCD	Revenue	Government Money Market Fund	Daily	1.96271	3,609,010
15EFG	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	742,291
15EFG	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	777,500
15EFG	Debt Service Reserve	FNMA POOL #AH099	12/1/2040	3.45000	101,088
15EFG	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	5,036,028
15EFG	Redemption	Government Money Market Fund	Daily	1.96271	725,000
15EFG	Revenue	Government Money Market Fund	Daily	1.96271	5,287,625
16ABC	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	855,792
16ABC	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	1,037,500
16ABC	Debt Service Reserve	FNMA Pool #AT9856	6/1/2043	2.65000	443,408
16ABC	Debt Service Reserve	FNMA Pool #AH5520	12/1/2040	3.45000	739,796
16ABC	Debt Service Reserve	GNMA II Pool #AC8376	2/20/2043	2.87500	563,847
16ABC	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	2,864,248

Residential Housing Finance Bond Resolution
Investments
Information as of September 30, 2018

Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
16ABC	Redemption	Government Money Market Fund	Daily	1.96271 %	$ 730,000
16ABC	Revenue	Government Money Market Fund	Daily	1.96271	4,701,470
16DEF	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	707,516
16DEF	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	700,000
16DEF	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	1,116,393
16DEF	Redemption	Government Money Market Fund	Daily	1.96271	785,000
16DEF	Revenue	Government Money Market Fund	Daily	1.96271	3,669,717
17ABC	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	640,065
17ABC	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	620,000
17ABC	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	1,842,344
17ABC	Redemption	Government Money Market Fund	Daily	1.96271	1,185,000
17ABC	Revenue	Government Money Market Fund	Daily	1.96271	3,264,933
17DEF	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	941,759
17DEF	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	730,000
17DEF	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	801,252
17DEF	Redemption	Government Money Market Fund	Daily	1.96271	265,000
17DEF	Revenue	Government Money Market Fund	Daily	1.96271	3,224,107
18ABCD	Bond Fund Interest	Government Money Market Fund	Daily	1.96271	1,019,467
18ABCD	Bond Fund Principal	Government Money Market Fund	Daily	1.96271	525,000
18ABCD	Debt Service Reserve	Government Money Market Fund	Daily	1.96271	586,117
18ABCD	Redemption	Government Money Market Fund	Daily	1.96271	260,000
18ABCD	Revenue	Government Money Market Fund	Daily	1.96271	2,038,729
					$ 147,199,656

Residential Housing Finance Bond Resolution
Debt Service Reserve Requirement
Information as of September 30, 2018

Debt Service Reserve Fund (all series combined)

Debt Service Reserve Requirement	Value (Per Resolution)
$23,236,605	$33,998,347

Refer to the disclaimer on page A-1