



## Residential Housing Finance Bond Resolution

Quarterly Disclosure Report  
Information as of June 30, 2020  
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**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.**

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This publication is available upon request in alternative formats.*

# TABLE OF CONTENTS

	Page
<b>Disclaimer</b> .....	A-1
<b>General</b>	
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
<b>Insurance</b>	
Whole Loan Mortgage Insurance .....	F-1
<b>Status Reports</b>	
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
<b>Bonds</b>	
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
<b>Investments</b> .....	S-1
<b>Reserve Requirements</b> .....	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 June 30, 2020 (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 June 30, 2020. 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 June 30, 2020**

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, 2019. You can retrieve a copy from Minnesota Housing's website at [www.mnhousing.gov](http://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.

On March 13, 2020, the President of the United States declared a national emergency with respect to recent global outbreak of COVID-19, a respiratory disease declared to be a pandemic (the "Pandemic") by the World Health Organization. The United States Congress enacted several COVID-19-related bills, including the Coronavirus Aid, Relief, and Economic Security Act (CARES Act), signed into law on March 27, 2020. Among other things, the CARES Act provides that (a) lenders are prohibited from foreclosing mortgage loans that are FHA insured, VA, HUD or USDA Rural Development guaranteed, or purchased or securitized by Fannie Mae or Freddie Mac (collectively, "Federal Single Family Loans") for a period of 60 days commencing March 18, 2020, and (b) during the national emergency concerning the Pandemic, borrowers with Federal Single Family Loans directly or indirectly facing economic difficulties as a result of the coronavirus can seek up to 360 days of payment forbearance. See page G-3 for forbearance information relating to these provisions of the CARES Act for whole loan mortgages pledged as security under the Bond Resolution.

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages  
Information as of June 30, 2020**



**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	\$ 1,533,438,525	\$ 232,930,938	\$ 883,198,901	\$ 415,221,842	\$ 2,086,844	4.33 %
06LMN	20,334,227	3,511,389	9,847,948	6,511,329	463,561	5.45
07M	51,601,162	1,629,003	29,887,592	12,719,312	7,365,255	5.17
07M-40 Year	13,786,495	754,839	4,414,440	5,547,027	3,070,189	5.04
12ABCD	96,047,766	15,657,703	46,989,000	8,486,566	24,914,497	5.59
13ABC	42,482,583	7,748,658	18,118,063	3,549,654	13,066,208	5.16
14A	15,938,679	3,847,886	6,951,964	176,926	4,961,903	6.07
14B	15,978,942	4,660,038	5,139,878	302,517	5,876,509	5.82
14CDE	147,424,535	16,938,506	61,475,787	8,319,932	60,690,310	4.98
15ABCD	52,474,015	4,562,291	24,421,094	3,819,590	19,671,040	5.07
15ABCD-40 Year	3,064,439	103,451	1,439,696	356,538	1,164,754	5.05
15EFG	80,106,833	7,616,775	31,367,047	3,900,047	37,222,964	5.39
15EFG-40 year	15,680,365	599,675	6,598,393	1,863,967	6,618,330	4.90
16ABC	59,751,015	4,170,527	28,152,343	4,133,549	23,294,596	5.32
16ABC-40 Year	22,027,528	884,586	9,212,965	1,544,030	10,385,947	4.77
16DEF	27,242,103	2,615,150	9,893,166	989,030	13,744,757	5.43
16DEF-40 Year	8,084,772	300,616	2,801,456	409,518	4,573,182	5.04
17ABC	45,579,077	2,733,647	14,902,166	1,538,111	26,405,153	5.33
17ABC-40 Year	12,928,653	437,168	3,684,305	331,720	8,475,460	5.38
17DEF	20,736,955	1,203,917	4,855,799	654,368	14,022,871	5.35
17DEF-40 Year	5,841,813	214,324	1,206,964	-	4,420,525	5.21
18ABCD	19,253,174	1,700,465	3,470,708	98,016	13,983,985	4.99
19ABCD	31,227,433	1,460,917	3,926,674	442,078	25,397,764	5.52
<b>Total</b>	<b>\$ 2,341,031,089</b>	<b>\$ 316,282,468</b>	<b>\$ 1,211,956,349</b>	<b>\$ 480,915,668</b>	<b>\$ 331,876,604</b>	<b>5.2500 %</b>

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages  
Information as of June 30, 2020**



**MORTGAGE LOANS BY NUMBER**

Funding Source	Number of Loans Purchased	Number of Loans Paid Off	Less Number of Loans Transferred to REO,FHA/VA Assigned, PMI Claims	Number of Loans Outstanding
Retired	14,004.7	10,475.4	3,484.3	45.0
06LMN	157.0	96.0	56.0	5.0
07M	435.3	249.4	101.8	84.1
07M-40 Year	87.6	31.0	34.8	21.8
12ABCD	1,411.0	745.0	121.5	544.5
13ABC	641.0	308.0	49.5	283.5
14A	381.0	194.0	3.0	184.0
14B	419.0	208.0	5.0	206.0
14CDE	1,554.0	685.5	87.0	781.5
15ABCD	538.0	265.5	40.5	232.0
15ABCD-40 Year	20.0	10.0	2.0	8.0
15EFG	886.0	354.0	40.5	491.5
15EFG-40 year	105.0	46.0	13.0	46.0
16ABC	567.0	256.5	37.0	273.5
16ABC-40 Year	151.0	66.0	10.0	75.0
16DEF	392.3	143.8	13.6	234.9
16DEF-40 Year	55.6	20.4	3.0	32.2
17ABC	518.0	159.5	17.0	341.5
17ABC-40 Yr	102.0	26.0	3.0	73.0
17DEF	226.0	50.0	7.0	169.0
17DEF-40 Yr	48.0	12.0	-	36.0
18ABCD	307.5	53.0	2.0	252.5
19ABCD	556.0	66.5	4.0	485.5
<b>Total</b>	<b>23,563.0</b>	<b>14,521.5</b>	<b>4,135.5</b>	<b>4,906.0</b>

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

**Residential Housing Finance Bond Resolution**  
**Bonds, Loans, and Mortgage-Backed Securities Outstanding; Remaining Acquisition Fund**  
**Information as of June 30, 2020**



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	\$ -	\$2,086,844	\$ -	\$ -	\$ -	\$ -	4.33 %
06LMN	250,000	463,561	-	-	-	-	5.45
07M	14,490,000	10,435,444	-	-	-	-	5.13
12ABCD	34,640,000	24,914,497	21,101,655	-	-	-	5.59 (12ABCD mortgages) 3.52 (12ABCD mortgage-backed securities)
13ABC	29,940,000	13,066,208	17,092,410	-	-	-	5.16 (13ABC mortgages) 2.63 (13ABC mortgage-backed securities)
14A	8,080,000	4,961,903	21,463,542	-	-	-	6.07 (14A mortgages) 3.21 (14A mortgage-backed securities)
14B	7,415,000	5,876,509	20,415,093	-	-	-	5.82 (14B mortgages) 3.34 (14B mortgage-backed securities)
14CDE	96,025,000	60,690,310	34,860,936	-	-	-	4.98 (14CDE mortgages) 3.51 (14CDE mortgage-backed securities)
15ABCD	60,370,000	20,835,794	32,596,030	-	-	-	5.07 (15ABCD mortgages) 3.27 (15ABCD mortgage-backed securities)
15EFG	87,125,000	43,841,294	41,993,602	-	-	-	5.31 (15EFG mortgages) 3.54 (15EFG mortgage-backed securities)
16ABC	79,380,000	33,680,543	49,441,569	-	-	-	5.13 (16ABC mortgages) 3.42 (16ABC mortgage-backed securities)
16DEF	95,485,000	18,317,939	71,100,399	-	-	-	5.33 (16DEF mortgages) 3.08 (16DEF mortgage-backed securities)
17ABC	85,300,000	34,880,613	45,664,347	-	-	-	5.34 (17ABC mortgages) 3.72 (17ABC mortgage-backed securities)
17DEF	119,245,000	18,443,396	96,127,644	-	-	-	5.31 (17DEF mortgages) 3.56 (17DEF mortgage-backed securities)
18ABCD	108,470,000	13,983,985	99,492,227	-	-	-	4.99 (18ABCD mortgages) 4.07 (18ABCD mortgage-backed securities)
18EFGH	136,515,000		126,952,417	-	-	-	4.36
19ABCD	172,795,000	25,397,764	141,182,861	-	-	-	5.52 (19ABCD mortgages) 4.52 (19ABCD mortgage-backed securities)
19EFGH	197,860,000		192,853,557	-	-	-	3.52
20ABC	229,570,000		226,787,994	-	-	-	3.15
20DE	150,000,000		125,289,206	-	-	-	3.21
	<u>\$ 1,712,955,000</u>	<u>\$331,876,604</u>	<u>\$ 1,364,415,489</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>4.00 %</u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 663,254
AO1087	FNMA	3.275	118,225	42,770
AO2408	FNMA	3.275	302,503	-
AO2409	FNMA	3.275	110,037	-
AO3786	FNMA	3.275	460,486	120,255
AO5861	FNMA	3.275	73,491	60,877
AO5869	FNMA	3.275	155,770	-
AO0387	FNMA	3.400	215,938	74,771
AO1088	FNMA	3.400	102,252	-
AO2413	FNMA	3.650	97,465	-
AO2414	FNMA	3.650	218,860	183,112
AO3787	FNMA	3.650	230,530	67,829
AO5862	FNMA	3.650	226,837	91,866
AO1089	FNMA	3.775	306,942	161,158
AO1090	FNMA	3.775	102,861	86,495
AO1099	FNMA	3.775	103,790	-
AO3779	FNMA	3.775	88,880	72,664
Subtotal			5,730,298	1,625,049

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2012 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
799858	GNMA II	3.250 %	\$ 55,750	\$ -
AA0282	GNMA II	3.375	88,231	73,322
AA0342	GNMA II	3.375	177,369	-
AA0401	GNMA II	3.375	88,982	73,480
793301	GNMA II	3.750	2,811,748	1,063,322
799957	GNMA II	3.750	2,722,740	834,183
799958	GNMA II	3.875	169,926	-
AO3773	FNMA	3.650	51,642	43,678
AO5870	FNMA	3.650	180,482	77,150
AB1497	GNMA II	3.000	212,877	121,719
AB1556	GNMA II	3.000	214,752	178,009
AB1724	GNMA II	3.000	413,923	153,165
AB1919	GNMA II	3.000	488,124	178,313
AB1725	GNMA II	3.125	304,729	101,031
AB1880	GNMA II	3.125	248,035	-
AB1904	GNMA II	3.125	84,033	-
AB1920	GNMA II	3.125	320,009	163,698

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AB1921	GNMA II	3.250 %	\$ 445,324	\$ 181,374
AB1446	GNMA II	3.375	278,876	96,598
AB1618	GNMA II	3.500	421,599	-
AB1883	GNMA II	3.500	234,985	110,487
AB1923	GNMA II	3.500	385,053	115,951
AB1503	GNMA II	3.625	308,974	79,399
AB1561	GNMA II	3.625	258,242	86,240
AB1619	GNMA II	3.625	136,854	115,254
AB1646	GNMA II	3.625	378,903	46,304
AB1729	GNMA II	3.625	397,359	-
AB1767	GNMA II	3.625	158,319	-
AB1908	GNMA II	3.625	407,184	98,310
AB1924	GNMA II	3.625	62,523	-
AB2030	GNMA II	3.625	185,414	155,203
Subtotal			12,692,962	4,146,191
MBS Participation Interest (50.0031%)			6,346,874	2,073,224

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AA0104	GNMA II	3.250 %	\$ 1,569,180	\$ 298,952
AA0163	GNMA II	3.250	1,662,807	409,946
AA0281	GNMA II	3.250	2,286,836	819,557
AA0164	GNMA II	3.375	629,700	275,364
AA0198	GNMA II	3.375	88,309	-
AB1466	GNMA II	3.375	500,702	224,070
AA0076	GNMA II	3.625	2,059,751	532,369
AA0105	GNMA II	3.625	2,128,674	447,965
AA0165	GNMA II	3.625	2,775,509	1,066,197
AA0199	GNMA II	3.625	1,624,843	649,142
AA0077	GNMA II	3.750	591,767	204,394
AA0106	GNMA II	3.750	787,881	225,069
AA0166	GNMA II	3.750	630,630	207,947
AA0200	GNMA II	3.750	200,358	167,562
AA0284	GNMA II	3.750	95,198	-
AA0344	GNMA II	3.750	142,779	-
799890	GNMA II	4.000	79,297	65,231
799891	GNMA II	4.250	105,121	-
775568	GNMA II	3.375	860,742	506,638
775591	GNMA II	3.375	245,129	-
775599	GNMA II	3.375	581,951	62,494
775660	GNMA II	3.375	694,558	316,035
775708	GNMA II	3.375	391,681	210,888
775724	GNMA II	3.375	620,960	274,253
792333	GNMA II	3.375	137,417	113,303

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
792369	GNMA II	3.375 %	\$ 758,203	\$ 321,171
792402	GNMA II	3.375	338,061	184,839
792437	GNMA II	3.375	179,393	-
792474	GNMA II	3.375	118,586	98,412
775569	GNMA II	3.500	302,172	129,604
775592	GNMA II	3.500	57,308	47,670
775661	GNMA II	3.500	544,072	61,647
775709	GNMA II	3.500	221,472	73,738
775725	GNMA II	3.500	70,112	-
792334	GNMA II	3.500	165,019	137,259
792370	GNMA II	3.500	147,233	115,101
792403	GNMA II	3.500	130,749	108,711
775472	GNMA II	3.750	339,576	93,772
775570	GNMA II	3.750	406,357	100,574
775593	GNMA II	3.750	819,660	270,620
775600	GNMA II	3.750	432,456	134,332
775662	GNMA II	3.750	1,130,068	403,347
775710	GNMA II	3.750	481,146	161,803
775726	GNMA II	3.750	469,492	341,598
792335	GNMA II	3.750	559,141	210,569
792371	GNMA II	3.750	640,200	123,577
775571	GNMA II	3.875	213,634	102,393
775594	GNMA II	3.875	1,086,404	433,005
775663	GNMA II	3.875	658,054	247,022
775711	GNMA II	3.875	271,899	-
775727	GNMA II	3.875	292,380	123,321

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
792336	GNMA II	3.875 %	\$ 172,151	\$ -
792372	GNMA II	3.875	124,372	57,802
792405	GNMA II	3.875	133,109	-
775595	GNMA II	4.000	150,911	-
775601	GNMA II	4.000	81,462	-
775664	GNMA II	4.000	173,887	96,832
775712	GNMA II	4.000	112,806	-
775676	GNMA II	4.125	153,278	129,331
775713	GNMA II	4.125	84,659	-
774854	GNMA II	4.250	581,713	228,665
774888	GNMA II	4.250	207,383	55,811
775596	GNMA II	4.250	366,413	-
775677	GNMA II	4.250	415,662	-
775714	GNMA II	4.250	199,022	106,138
775728	GNMA II	4.250	175,605	-
792373	GNMA II	4.250	112,194	-
775678	GNMA II	4.375	116,417	-
775513	GNMA II	4.500	231,520	66,761
Subtotal			35,917,191	11,842,800
MBS Participation Interest (50.0021%)			17,959,350	5,921,649

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AB1464	GNMA II	3.125 %	\$ 1,493,291	\$ 653,555
AA0469	GNMA II	3.625	1,650,089	780,271
799861	GNMA II	3.750	1,863,656	322,155
AC8104	GNMA II	2.875	4,097,610	1,570,706
AB2093	GNMA II	3.125	271,185	-
AC7756	GNMA II	3.125	637,851	110,116
Subtotal			10,013,682	3,436,803
MBS Participation Interest (50.0019%)			5,007,031	1,718,467

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AB1463	GNMA II	3.000 %	\$ 49,221	\$ 41,252
799886	GNMA II	3.250	495,166	116,065
799954	GNMA II	3.250	931,842	438,550
AA0003	GNMA II	3.250	202,922	72,084
AA0074	GNMA II	3.250	1,667,721	496,746
AA0341	GNMA II	3.250	1,943,418	939,762
AA0400	GNMA II	3.250	1,699,366	410,241
AA0467	GNMA II	3.250	1,166,842	384,408
AB1465	GNMA II	3.250	492,658	264,129
793298	GNMA II	3.375	1,284,543	669,580
799859	GNMA II	3.375	1,311,886	597,993
799887	GNMA II	3.375	930,061	265,670
AA0004	GNMA II	3.375	790,402	440,600
AA0075	GNMA II	3.375	591,125	153,756
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	114,565
799888	GNMA II	3.625	709,598	218,696
799956	GNMA II	3.625	981,586	202,931
AA0005	GNMA II	3.625	1,000,098	578,528
AA0283	GNMA II	3.625	2,151,221	468,387
AA0343	GNMA II	3.625	2,509,161	1,188,037
799889	GNMA II	3.750	1,010,556	251,175
AA0014	GNMA II	3.750	886,095	502,287
AA0403	GNMA II	3.750	281,417	-

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0865	FNMA	2.525 %	\$ 47,821	\$ -
AR2963	FNMA	2.525	98,798	70,242
AR5611	FNMA	2.525	94,711	79,130
AR5614	FNMA	2.525	925,382	608,598
AR5616	FNMA	2.525	1,159,097	209,555
AR5617	FNMA	2.525	1,331,635	713,247
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	189,654
AR8764	FNMA	2.525	267,323	65,588
AR8770	FNMA	2.525	84,793	71,377
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	51,673
AT1917	FNMA	2.525	109,673	92,396
AT1921	FNMA	2.525	186,999	131,434
AT4624	FNMA	2.525	2,331,268	1,122,349
AT4628	FNMA	2.525	655,444	198,316
AT4633	FNMA	2.525	641,811	397,769
AT4742	FNMA	2.525	248,978	149,184
AT6228	FNMA	2.525	59,752	50,267
AQ9144	FNMA	2.530	80,418	62,038
AR5615	FNMA	2.650	134,553	107,969
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	276,461

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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	\$ 243,508
AR8778	FNMA	2.775	75,520	64,015
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	84,827
AT4758	FNMA	2.775	214,584	73,570
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	-
AR8771	FNMA	2.900	226,641	66,189
AR8776	FNMA	2.900	99,476	83,676
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	156,545
AT1908	FNMA	2.900	83,511	69,017
AT1924	FNMA	2.900	170,815	141,717
AT4743	FNMA	2.900	178,897	152,363
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	-
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	80,808

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR5597	FNMA	3.025 %	\$ 86,505	\$ 73,659
AR1324	FNMA	3.030	74,217	63,518
AR8766	FNMA	3.275	90,618	76,917
Subtotal			36,291,598	14,893,018
MBS Participation Interest (65.556%)			23,791,320	9,763,267
2012 ABCD Total			\$ 58,834,874	\$ 21,101,655

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	67,484
AC8185	GNMA II	2.500	351,176	167,442
AC8306	GNMA II	2.500	1,234,130	358,628
AC8346	GNMA II	2.500	1,377,119	456,266
AC8371	GNMA II	2.500	536,055	272,316
AC8375	GNMA II	2.500	409,690	206,030
AD7480	GNMA II	2.500	490,678	131,221
AT4629	FNMA	2.650	788,890	223,626
AT7528	FNMA	2.650	1,633,992	813,211
AR5612	FNMA	2.775	86,370	-
AR5621	FNMA	2.775	168,901	144,594
AT4626	FNMA	2.775	285,628	92,590
AT7529	FNMA	2.775	343,062	-
AT4627	FNMA	2.900	149,529	-
AT4631	FNMA	2.900	169,550	-
AR0869	FNMA	3.150	75,992	63,981
AR2964	FNMA	3.150	129,684	-
AR5596	FNMA	3.150	59,464	-
AT1046	FNMA	3.275	134,213	113,628
AR8780	FNMA	3.400	74,302	63,675
AQ6038	FNMA	3.650	98,340	-
Subtotal			8,754,430	3,174,692

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 41,252
799886	GNMA II	3.250	495,166	116,065
799954	GNMA II	3.250	931,842	438,550
AA0003	GNMA II	3.250	202,922	72,084
AA0074	GNMA II	3.250	1,667,721	496,746
AA0341	GNMA II	3.250	1,943,418	939,762
AA0400	GNMA II	3.250	1,699,366	410,241
AA0467	GNMA II	3.250	1,166,842	384,408
AB1465	GNMA II	3.250	492,658	264,129
793298	GNMA II	3.375	1,284,543	669,580
799859	GNMA II	3.375	1,311,886	597,993
799887	GNMA II	3.375	930,061	265,670
AA0004	GNMA II	3.375	790,402	440,600
AA0075	GNMA II	3.375	591,125	153,756
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	114,565
799888	GNMA II	3.625	709,598	218,696
799956	GNMA II	3.625	981,586	202,931
AA0005	GNMA II	3.625	1,000,098	578,528
AA0283	GNMA II	3.625	2,151,221	468,387
AA0343	GNMA II	3.625	2,509,161	1,188,037
799889	GNMA II	3.750	1,010,556	251,175
AA0014	GNMA II	3.750	886,095	502,287
AA0403	GNMA II	3.750	281,417	-

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0865	FNMA	2.525 %	\$ 47,821	\$ -
AR2963	FNMA	2.525	98,798	70,242
AR5611	FNMA	2.525	94,711	79,130
AR5614	FNMA	2.525	925,382	608,598
AR5616	FNMA	2.525	1,159,097	209,555
AR5617	FNMA	2.525	1,331,635	713,247
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	189,654
AR8764	FNMA	2.525	267,323	65,588
AR8770	FNMA	2.525	84,793	71,377
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	51,673
AT1917	FNMA	2.525	109,673	92,396
AT1921	FNMA	2.525	186,999	131,434
AT4624	FNMA	2.525	2,331,268	1,122,349
AT4628	FNMA	2.525	655,444	198,316
AT4633	FNMA	2.525	641,811	397,769
AT4742	FNMA	2.525	248,978	149,184
AT6228	FNMA	2.525	59,752	50,267
AQ9144	FNMA	2.530	80,418	62,038
AR5615	FNMA	2.650	134,553	107,969
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	276,461

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AT6229	FNMA	2.650 %	\$ 293,053	\$ 243,508
AR8778	FNMA	2.775	75,520	64,015
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	84,827
AT4758	FNMA	2.775	214,584	73,570
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	-
AR8771	FNMA	2.900	226,641	66,189
AR8776	FNMA	2.900	99,476	83,676
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	156,545
AT1908	FNMA	2.900	83,511	69,017
AT1924	FNMA	2.900	170,815	141,717
AT4743	FNMA	2.900	178,897	152,363
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	-
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	80,808
AR5597	FNMA	3.025	86,505	73,659
AR1324	FNMA	3.030	74,217	63,518
AR8766	FNMA	3.275	90,618	76,917
Subtotal			36,291,598	14,893,018
MBS Participation Interest (34.444%)			12,500,278	5,129,751

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AC8396	GNMA II	2.500 %	\$ 1,509,787	\$ 594,130
AC8401	GNMA II	2.500	48,506	-
AC8517	GNMA II	2.500	705,460	470,078
AC8521	GNMA II	2.500	281,308	99,447
AD7201	GNMA II	2.500	1,146,241	411,622
AD7306	GNMA II	2.500	528,762	283,375
AD7309	GNMA II	2.500	110,433	-
AD7322	GNMA II	2.500	884,732	448,111
AD7328	GNMA II	2.500	94,607	-
AD7411	GNMA II	2.500	1,324,919	694,588
AD7520	GNMA II	2.500	144,206	-
AD7323	GNMA II	2.625	152,254	-
AD7412	GNMA II	2.625	487,240	203,496
AD7481	GNMA II	2.625	1,315,697	457,859
AD7521	GNMA II	2.625	973,807	404,225
AD7525	GNMA II	2.625	199,960	161,837
AD7549	GNMA II	2.625	1,253,675	613,847
AC8103	GNMA II	2.750	54,282	45,481
AC8347	GNMA II	2.750	465,500	156,083
AC8397	GNMA II	2.750	533,047	-
AC7907	GNMA II	2.875	333,360	73,448
AC8150	GNMA II	2.875	261,715	219,804
AB2123	GNMA II	3.125	45,546	-
AE9846	GNMA II	2.750	1,378,784	268,370

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AC8233	GNMA II	2.875 %	\$ 301,279	\$ 247,341
AC8307	GNMA II	2.875	1,846,536	519,730
AC8402	GNMA II	2.875	173,194	-
AC8519	GNMA II	2.875	810,878	180,505
AD7203	GNMA II	2.875	782,422	328,247
AD7206	GNMA II	2.875	164,941	55,012
AD7308	GNMA II	2.875	624,792	207,851
AD7325	GNMA II	2.875	740,110	396,648
AD7330	GNMA II	2.875	171,991	144,508
AD7414	GNMA II	2.875	1,175,447	420,393
AD7483	GNMA II	2.875	1,515,476	805,871
AD7523	GNMA II	2.875	1,693,438	796,628
AB2189	GNMA II	3.000	309,432	88,785
AC8308	GNMA II	3.000	123,199	-
AD7204	GNMA II	3.000	129,612	109,019
AD7331	GNMA II	3.000	107,285	90,160
AC8232	GNMA II	3.125	120,991	-
AD7205	GNMA II	3.125	110,891	93,406
AC8520	GNMA II	3.250	162,886	-
AD7326	GNMA II	3.250	132,431	111,827

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
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	10,201,730
MBS Participation Interest (49.9991%)			12,855,034	5,100,773

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AC8372	GNMA II	2.750 %	\$ 190,286	\$ 99,457
AC8518	GNMA II	2.750	845,766	190,886
AD7202	GNMA II	2.750	869,613	297,247
AD7307	GNMA II	2.750	1,250,082	647,289
AD7310	GNMA II	2.750	193,849	104,688
AD7324	GNMA II	2.750	1,244,417	645,266
AD7329	GNMA II	2.750	271,710	230,366
AD7413	GNMA II	2.750	1,437,921	601,509
AD7482	GNMA II	2.750	485,833	148,488
AD7522	GNMA II	2.750	421,289	128,020
AD7550	GNMA II	2.750	410,972	346,100
AC8231	GNMA II	2.875	132,608	112,711
AD7524	GNMA II	2.500	366,796	210,561
AH1961	GNMA II	3.500	7,364,353	3,600,771
Subtotal			15,485,495	7,363,359
MBS Participation Interest (50.0749%)			7,754,346	3,687,195
2013 ABC Total			<u>\$ 41,864,089</u>	<u>\$ 17,092,410</u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 4,126,718
AG5765	GNMA II	2.50000	316,604	148,480
AG5963	GNMA II	2.50000	1,262,580	756,724
AH1875	GNMA II	2.50000	191,709	159,707
AH1963	GNMA II	2.50000	104,423	-
AD7552	GNMA II	2.62500	144,570	-
AE9848	GNMA II	2.62500	295,162	134,682
AF0094	GNMA II	2.62500	1,830,376	916,348
AD7484	GNMA II	2.75000	128,043	-
AE9849	GNMA II	2.75000	422,789	248,017
AF0095	GNMA II	2.75000	4,016,907	2,136,603
AB2188	GNMA II	2.87500	187,304	156,655
AC7869	GNMA II	2.87500	110,020	-
AC8522	GNMA II	2.87500	160,866	136,061
AF0096	GNMA II	2.87500	4,793,493	2,395,652
AF0100	GNMA II	2.87500	290,236	99,188
AH2036	GNMA II	3.00000	188,565	161,465
AC8400	GNMA II	3.37500	75,093	64,065
AD7527	GNMA II	3.50000	126,205	-
AH2038	GNMA II	4.00000	7,708,814	2,849,702
AU2989	FNMA	2.50000	235,065	203,660
AR5613	FNMA	2.52500	1,826,086	923,581
AT7533	FNMA	2.52500	294,640	98,179
AT7537	FNMA	2.52500	198,067	157,657
AT6230	FNMA	2.65000	129,631	111,150
AT9859	FNMA	2.65000	314,356	131,193
AU3003	FNMA	2.65000	310,784	120,136
AT9857	FNMA	2.77500	273,807	-

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2014 A, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AU3004	FNMA	2.77500 %	\$ 459,566	\$ 231,608
AT7530	FNMA	2.90000	1,384,135	718,200
AT7536	FNMA	2.90000	208,793	43,441
AU2995	FNMA	3.00000	230,170	-
AU2998	FNMA	3.50000	505,749	-
AV8366	FNMA	3.50000	346,325	299,899
AV8369	FNMA	3.50000	169,107	-
AU2999	FNMA	4.00000	3,020,694	677,938
AV7824	FNMA	4.00000	1,452,376	568,667
AV8367	FNMA	4.00000	2,573,110	1,219,904
AV9663	FNMA	4.00000	1,665,715	509,620
AU3000	FNMA	4.50000	539,304	76,482
AV8368	FNMA	4.50000	881,800	301,162
AV8371	FNMA	4.50000	509,016	351,429
AV9664	FNMA	4.50000	474,456	229,571
2014 A Total			\$ 50,003,520	\$ 21,463,542

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2014 B**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AE9844	GNMA II	2.50000 %	\$ 77,426	\$ -
AD7526	GNMA II	2.87500	351,259	110,504
AD7553	GNMA II	2.87500	147,810	-
AE9850	GNMA II	2.87500	1,181,296	282,231
AH1962	GNMA II	4.00000	4,733,247	1,820,564
AH2597	GNMA II	4.00000	6,274,669	2,010,476
AT7534	FNMA	2.65000	5,463,918	2,385,599
AT7538	FNMA	2.65000	2,494,989	975,618
AU3007	FNMA	2.65000	62,017	-
AT9860	FNMA	2.90000	140,050	-
AU2982	FNMA	3.00000	9,469,151	4,382,590
AU3006	FNMA	3.02500	389,185	154,864
AV7823	FNMA	3.50000	64,250	56,765
AW1961	FNMA	4.50000	580,247	289,591
Subtotal			31,429,514	12,468,802

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 210,561
AH1961	GNMA II	3.500	7,364,353	3,600,771
AC8372	GNMA II	2.750	190,286	99,457
AC8518	GNMA II	2.750	845,766	190,886
AD7202	GNMA II	2.750	869,613	297,247
AD7307	GNMA II	2.750	1,250,082	647,289
AD7310	GNMA II	2.750	193,849	104,688
AD7324	GNMA II	2.750	1,244,417	645,266
AD7329	GNMA II	2.750	271,710	230,366
AD7413	GNMA II	2.750	1,437,921	601,509
AD7482	GNMA II	2.750	485,833	148,488
AD7522	GNMA II	2.750	421,289	128,020
AD7550	GNMA II	2.750	410,972	346,100
AC8231	GNMA II	2.875	132,608	112,711
Subtotal			15,485,495	7,363,359
MBS Participation Interest (49.9251%)			7,731,149	3,676,164

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AF0093	GNMA II	2.500 %	\$ 224,137	\$ 192,987
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	425,219
AF0099	GNMA II	2.750	197,808	109,250
AH1960	GNMA II	3.000	101,458	89,064
AH1964	GNMA II	3.500	640,759	314,879
AH2037	GNMA II	3.500	7,775,339	2,747,056
AH2592	GNMA II	3.500	709,704	375,427
AV7825	FNMA	4.500	201,546	181,239
AI4176	GNMA II	3.500	21,964,999	8,588,480
Subtotal			32,679,957	13,023,601
MBS Participation Interest (32.7876%)			10,714,974	4,270,126
2014 B Total			<u>\$ 49,875,636</u>	<u>\$ 20,415,093</u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2014 CDE**

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4923	GNMA II	3.000 %	\$ 265,792	\$ 96,464
AH2644	GNMA II	3.500	291,681	58,022
AI4077	GNMA II	4.000	611,359	265,590
AI4768	GNMA II	4.000	454,754	-
AI4925	GNMA II	4.000	155,571	138,532
AW3995	FNMA	4.500	138,928	-
Subtotal			1,918,085	558,608

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4176	GNMA II	3.500 %	\$ 21,964,999	\$ 8,588,480
AF0093	GNMA II	2.500	224,137	192,987
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	425,219
AF0099	GNMA II	2.750	197,808	109,250
AH1960	GNMA II	3.000	101,458	89,064
AH1964	GNMA II	3.500	640,759	314,879
AH2037	GNMA II	3.500	7,775,339	2,747,056
AH2592	GNMA II	3.500	709,704	375,427
AV7825	FNMA	4.500	201,546	181,239
Subtotal			32,679,957	13,023,601
MBS Participation Interest (67.2124%)			21,964,983	8,753,475

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4766	GNMA II	3.000 %	\$ 226,721	\$ -
AH2598	GNMA II	3.500	178,836	-
AH2684	GNMA II	3.500	129,781	-
AI4076	GNMA II	3.500	438,494	270,971
AI4125	GNMA II	3.500	133,278	-
AH1965	GNMA II	4.000	621,071	299,005
AH2599	GNMA II	4.000	372,689	103,108
AX8552	FNMA	4.500	115,889	-
AX8124	FNMA	3.500	2,206,586	1,149,548
Subtotal			4,423,344	1,822,631
MBS Participation Interest (50.115%)			2,216,759	913,412

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4924	GNMA II	3.500 %	\$ 25,651,238	\$ 11,761,044
AX3836	FNMA	3.500	2,224,511	1,098,365
Subtotal			27,875,749	12,859,409
MBS Participation Interest (92.0199%)			25,651,236	11,833,215

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4767	GNMA II	3.500 %	\$ 24,803,293	\$ 11,161,703
AM8612	GNMA I	3.000	9,358,396	5,254,018
AM8937	GNMA I	3.000	5,807,044	3,267,452
AM8938	GNMA I	3.000	4,951,378	3,015,419
AM8939	GNMA I	3.000	4,876,401	3,003,893
Subtotal			49,796,511	25,702,484
MBS Participation Interest (49.8093%)			24,803,294	12,802,227
2014 CDE Total			\$ 76,554,357	\$ 34,860,936

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2015 ABCD**

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AK6400	GNMA II	3.000 %	\$ 330,846	\$ 98,986
AM8941	GNMA II	3.500	2,915,549	562,094
AM8943	GNMA II	3.500	205,216	185,310
AI4179	GNMA II	4.000	242,654	-
AM8942	GNMA II	4.000	39,872	-
AY5082	FNMA	3.500	1,743,318	927,173
AY5083	FNMA	3.500	499,627	61,792
AY5085	FNMA	3.500	2,322,111	1,393,517
AZ1657	FNMA	3.500	5,349,068	2,417,656
AZ1658	FNMA	4.000	248,181	68,295
Subtotal			13,896,443	5,714,823

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 5,254,018
AM8937	GNMA I	3.000	5,807,044	3,267,452
AM8938	GNMA I	3.000	4,951,378	3,015,419
AM8939	GNMA I	3.000	4,876,401	3,003,893
AI4767	GNMA II	3.500	24,803,293	11,161,703
Subtotal			49,796,511	25,702,484
MBS Participation Interest (50.1907%)			24,993,218	12,900,257

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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	\$ 3,494,729
AM8555	GNMA II	3.500	3,739,824	1,880,727
AM8613	GNMA II	3.500	5,921,770	3,093,091
AZ5831	FNMA	3.500	6,715,036	4,278,907
AO8779	GNMA I	3.500	8,562,123	4,751,367
AY5078	FNMA	3.500	361,049	112,483
BA0621	FNMA	3.500	273,743	106,925
BA0623	FNMA	3.500	1,569,485	968,940
Subtotal			31,663,327	18,687,168
MBS Participation Interest (65.9973%)			20,896,941	12,333,026

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AM8554	GNMA II	3.500 %	\$ 3,794,512	\$ 1,476,639
AM8556	GNMA II	3.500	306,712	138,736
AY5084	FNMA	3.500	362,410	-
AY5086	FNMA	3.500	3,739,337	1,680,687
Subtotal			8,202,970	3,296,061
MBS Participation Interest (49.9968%)			4,101,222	1,647,925
2015 ABCD Total			\$ 63,887,824	\$ 32,596,030

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2015 EFG**

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BA0468	FNMA	3.000 %	\$ 175,224	\$ 159,619
AY5095	FNMA	3.500	476,397	-
AZ5833	FNMA	3.500	352,966	206,330
BA0469	FNMA	3.500	5,231,315	2,432,582
BA0470	FNMA	4.000	3,729,896	1,838,975
BA2501	FNMA	4.000	4,118,053	2,545,789
Subtotal			14,083,852	7,183,294

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>		<u>Principal Amount At Acquisition</u>		<u>Principal Amount Outstanding</u>
AO8779	GNMA I	3.500	% \$	8,562,123	\$	4,751,367
AY5078	FNMA	3.500		361,049		112,483
BA0621	FNMA	3.500		273,743		106,925
BA0623	FNMA	3.500		1,569,485		968,940
AM8940	GNMA I	3.000		4,520,297		3,494,729
AM8555	GNMA II	3.500		3,739,824		1,880,727
AM8613	GNMA II	3.500		5,921,770		3,093,091
AZ5831	FNMA	3.500		6,715,036		4,278,907
Subtotal				31,663,327		18,687,168
MBS Participation Interest (34.0027%)				10,766,386		6,354,142

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 190,101
AO8641	GNMA II	3.500	7,879,767	3,494,816
AI4769	GNMA II	3.500	2,575,665	1,089,390
A08783	GNMA II	3.500	485,760	151,784
AO9369	GNMA I	3.500	5,165,142	2,090,749
Subtotal			16,468,978	7,016,840
MBS Participation Interest (50.0481%)			8,242,411	3,511,795

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BA0624	FNMA	4.000 %	\$ 1,136,701	\$ 854,834
BA0640	FNMA	3.500	848,267	606,194
BA0638	FNMA	4.000	105,339	91,833
BA6223	FNMA	4.000	190,469	175,733
Subtotal			2,280,776	1,728,593
MBS Participation Interest (49.8383%)			1,136,700	861,502

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AO8778	GNMA I	3.500 %	\$ 2,433,041	\$ 1,378,348
Subtotal			2,433,041	1,378,348
MBS Participation Interest (49.9919%)			1,216,323	689,062

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BC4092	FNMA	3.000 %	\$ 296,775	\$ 72,607
BC9423	FNMA	3.000	276,525	92,309
BC4085	FNMA	3.500	1,473,617	867,625
BC4097	FNMA	3.500	2,820,746	2,118,268
Subtotal			4,867,662	3,150,808
MBS Participation Interest (24.996%)			1,216,721	787,576

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
AM9028	GNMA I	3.000 %	\$ 1,580,780	\$ 974,269
AO8774	GNMA I	3.000	2,049,815	1,053,099
AM8976	GNMA II	3.500	486,464	265,795
AM9030	GNMA II	3.500	459,995	276,415
AO8775	GNMA II	3.500	4,172,145	2,353,929
AO8776	GNMA II	3.500	4,878,678	2,849,498
AO8777	GNMA II	3.500	4,710,655	2,679,362
AO8780	GNMA I	3.500	5,472,547	3,249,773
AO8781	GNMA I	3.500	10,554,848	6,658,834
AR0752	GNMA II	3.500	7,079,482	4,656,594
AR0753	GNMA II	3.500	7,442,958	4,592,280
BC4088	FNMA	3.500	2,244,234	1,368,918
BC4086	FNMA	4.000	466,950	434,731
Subtotal			51,599,551	31,413,496
MBS Participation Interest (66.6012%)			34,365,920	20,921,765

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BA2500	FNMA	3.500 %	\$ 2,212,034	\$ 1,424,898
BA0622	FNMA	4.000	375,062	161,141
Subtotal			2,587,096	1,586,039
MBS Participation Interest (50.0166%)			1,293,977	793,283

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AT7604	GNMA I	3.000 %	\$ 6,702,989	\$ 4,453,636
BD2362	FNMA	3.000	220,994	204,697
BD5918	FNMA	3.500	265,962	249,001
BC4100	FNMA	4.000	199,298	185,148
Subtotal			7,389,244	5,092,481
MBS Participation Interest (17.5%)			1,293,118	891,184
2015 EFG Total			\$ 73,615,407	\$ 41,993,602

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2016 ABC**

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BC4087	FNMA	3.500 %	\$ 148,237	\$ 138,287
BC6964	FNMA	3.500	6,593,541	4,391,395
BC4091	FNMA	4.000	110,858	100,390
Subtotal			6,852,636	4,630,071

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0752	GNMA II	3.500 %	\$ 7,079,482	\$ 4,656,594
AR0753	GNMA II	3.500	7,442,958	4,592,280
BC4088	FNMA	3.500	2,244,234	1,368,918
BC4086	FNMA	4.000	466,950	434,731
AM9028	GNMA I	3.000	1,580,780	974,269
AO8774	GNMA I	3.000	2,049,815	1,053,099
AM8976	GNMA II	3.500	486,464	265,795
AM9030	GNMA II	3.500	459,995	276,415
AO8775	GNMA II	3.500	4,172,145	2,353,929
AO8776	GNMA II	3.500	4,878,678	2,849,498
AO8777	GNMA II	3.500	4,710,655	2,679,362
AO8780	GNMA I	3.500	5,472,547	3,249,773
AO8781	GNMA I	3.500	10,554,848	6,658,834
Subtotal			51,599,551	31,413,496
MBS Participation Interest (33.3988%)			17,233,626	10,491,727

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0746	GNMA I	3.000 %	\$ 3,272,028	\$ 1,626,597
BC5191	FNMA	3.500	2,048,514	1,281,046
BC5179	FNMA	4.000	323,883	301,944
Subtotal			5,644,425	3,209,587
MBS Participation Interest (50.0010%)			2,822,269	1,604,825

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BD5921	FNMA	3.000 %	\$ 935,394	\$ 593,685
BD7768	FNMA	3.000	3,350,804	3,028,458
BC4099	FNMA	3.500	3,002,514	1,585,814
BC5180	FNMA	3.500	137,186	127,798
BC9426	FNMA	3.500	182,077	169,353
BD5216	FNMA	3.500	3,670,214	2,882,748
BD7770	FNMA	3.500	3,826,556	2,611,381
BD2361	FNMA	4.000	1,021,873	590,248
Subtotal			16,126,618	11,589,485
MBS Participation Interest (17.5%)			2,822,158	2,028,160

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 3,937,964
B32197	FHLMC	3.000	282,833	261,778
BE0291	FNMA	3.000	5,134,247	3,954,777
BD5924	FNMA	3.500	363,030	183,877
Subtotal			11,114,610	8,338,395
MBS Participation Interest (20.055%)			2,229,035	1,672,265

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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	\$ 2,460,819
BC6965	FNMA	4.000	826,966	301,262
Subtotal			4,457,306	2,762,081
MBS Participation Interest (49.9914%)			2,228,270	1,380,803

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 2,919,347
AR0749	GNMA II	3.000	3,953,558	2,587,072
AR0650	GNMA II	3.500	4,534,923	2,792,513
AR0651	GNMA II	3.500	4,522,700	3,230,101
AR0652	GNMA I	3.500	1,242,123	803,243
AR0750	GNMA II	3.500	6,913,842	3,245,766
AR0751	GNMA II	3.500	6,741,319	4,444,655
AX5784	GNMA II	2.500	259,963.00	118,385
AT8392	GNMA II	3.000	14,213,412	10,255,422
AT8393	GNMA I	3.000	12,562,961	10,016,862
AT8285	GNMA II	3.500	137,602	128,013
BD5933	FNMA	3.500	1,759,859	1,471,290
BE1718	FNMA	3.500	2,575,271	2,112,380
BA0636	FNMA	4.000	274,452	-
Subtotal			63,569,307	44,125,047
MBS Participation Interest (50.0018%)			31,785,798	22,063,318

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0649	GNMA II	3.500 %	\$ 4,640,734	\$ 3,115,581
AR0754	GNMA I	3.500	1,654,732	1,042,092
BC4089	FNMA	4.000	1,338,492	1,167,429
Subtotal			7,633,958	5,325,102
MBS Participation Interest (50.005%)			3,817,361	2,662,817

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5910	GNMA I	3.000 %	\$ 7,603,441	\$ 5,405,006
BD5941	FNMA	3.000	1,656,405	1,544,062
BE6508	FNMA	3.000	8,329,390	6,876,717
BE6509	FNMA	3.500	4,266,225	2,973,084
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	16,798,868
MBS Participation Interest (17.3082%)			3,816,597	2,907,582
2016 ABC Total			\$ 73,607,749	\$ 49,441,569

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2016 DEF**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8282	GNMA II	2.500 %	\$ 468,571	\$ 431,455
AT8391	GNMA II	2.500	496,079	264,160
AT7716	GNMA I	3.000	1,623,547	943,286
AX5785	GNMA II	3.000	4,466,933	2,819,996
AT8394	GNMA II	3.500	159,514	125,214
B32215	FHLMC	3.000	939,625	613,858
B32217	FHLMC	3.000	410,812	381,583
B32218	FHLMC	3.500	296,567	164,004
BD5932	FNMA	3.000	1,379,466	848,894
BE1717	FNMA	3.000	5,428,580	4,647,780
BE4461	FNMA	3.000	4,411,237	3,299,894
BA0630	FNMA	3.500	451,951	424,289
BA0633	FNMA	3.500	1,483,230	808,044
BD5219	FNMA	3.500	914,423	584,796
BA0634	FNMA	4.000	1,796,880	974,265
Subtotal			24,727,415	17,331,518

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5784	GNMA II	2.500 %	\$ 259,963	\$ 118,385
AT8392	GNMA II	3.000	14,213,412	10,255,422
AT8393	GNMA I	3.000	12,562,961	10,016,862
AT8285	GNMA II	3.500	137,602	128,013
BD5933	FNMA	3.500	1,759,859	1,471,290
BE1718	FNMA	3.500	2,575,271	2,112,380
BA0636	FNMA	4.000	274,452	-
AR0747	GNMA I	3.000	3,877,322	2,919,347
AR0749	GNMA II	3.000	3,953,558	2,587,072
AR0650	GNMA II	3.500	4,534,923	2,792,513
AR0651	GNMA II	3.500	4,522,700	3,230,101
AR0652	GNMA I	3.500	1,242,123	803,243
AR0750	GNMA II	3.500	6,913,842	3,245,766
AR0751	GNMA II	3.500	6,741,319	4,444,655
Subtotal			63,569,307	44,125,047
MBS Participation Interest (49.9982%)			31,783,509	22,061,729

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BE4463	FNMA	3.500 %	\$ 3,392,549	\$ 2,509,741
Subtotal			3,392,549	2,509,741
MBS Participation Interest (50.005%)			1,696,444	1,254,996

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5910	GNMA I	3.000 %	\$ 7,603,441	\$ 5,405,006
BD5941	FNMA	3.000	1,656,405	1,544,062
BE6508	FNMA	3.000	8,329,390	6,876,717
BE6509	FNMA	3.500	4,266,225	2,973,084
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	16,798,868
MBS Participation Interest (7.6918%)			1,696,104	1,292,135

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AT8283	GNMA II	3.000 %	\$ 9,887,532	\$ 7,745,042
B32216	FHLMC	3.500	458,940	423,114
Subtotal			10,346,472	8,168,157
MBS Participation Interest (50%)			5,173,236	4,084,078

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5908	GNMA II	2.500 %	\$ 122,023	\$ 113,230
AT8149	GNMA II	3.000	322,685	300,487
AX5793	GNMA II	3.000	465,572	302,429
AX5986	GNMA I	3.000	3,732,410	2,936,139
AO9501	GNMA II	3.500	448,599	285,125
AT7498	GNMA II	3.500	92,943	86,813
AX5915	GNMA II	3.500	520,800	488,760
AX5989	GNMA II	3.500	4,873,647	3,421,906
AX5990	GNMA II	4.000	1,364,441	1,114,343
B32222	FHLMC	4.000	113,706	107,496
BE4720	FNMA	3.000	649,691	496,806
BE6512	FNMA	3.000	395,064	370,530
BE7856	FNMA	3.000	958,379	892,804
BE7857	FNMA	3.500	6,632,991	5,431,098
Subtotal			20,692,948	16,347,964
MBS Participation Interest (25.0%)			5,173,237	4,086,991

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5789	GNMA I	3.000 %	\$ 5,041,826	\$ 3,451,294
Subtotal			<u>5,041,826</u>	<u>3,451,294</u>
MBS Participation Interest (50.0%)			2,520,913	1,725,647

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5794	GNMA II	3.000 %	\$ 655,497	\$ 295,300
AX6116	GNMA II	3.000	1,707,090	1,248,584
AX6120	GNMA II	3.000	112,066	104,954
AX6206	GNMA II	3.000	212,943	199,242
AO9439	GNMA II	3.500	529,841	326,678
AX6119	GNMA II	4.000	892,247	340,800
AX6124	GNMA II	4.000	196,802	185,995
BE6511	FNMA	3.000	324,596	299,590
BH0318	FNMA	3.500	1,335,630	848,613
BE4726	FNMA	4.000	1,382,950	1,145,226
BE9284	FNMA	4.000	175,450	-
Subtotal			7,525,112	4,994,983
MBS Participation Interest (33.5%)			2,520,912	1,673,319

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BE4462	FNMA	3.000 %	\$ 6,198,005	\$ 4,935,115
BD5937	FNMA	3.500	2,044,924	1,296,008
AX5786	GNMA II	3.000	4,961,391	3,535,996
AX5787	GNMA II	3.000	4,961,764	3,656,490
AX5788	GNMA I	3.000	6,156,959	3,893,028
BE4732	FNMA	3.000	98,583	-
BH2912	FNMA	4.000	2,974,665	2,625,945
AT8286	GNMA II	3.000	457,633	425,744
AX6515	GNMA II	3.500	5,492,465	4,346,056
AX6516	GNMA II	4.000	3,139,100	1,671,254
Subtotal			36,485,488	26,385,636
MBS Participation Interest (66.665%)			24,323,051	17,589,984
2016 DEF Total			\$ 99,614,822	\$ 71,100,399

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2017 ABC**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BD7772	FNMA	3.000 %	\$ 196,706	\$ 185,414
BE0294	FNMA	3.000	179,604	169,313
BE4734	FNMA	3.000	148,729	140,811
BE7859	FNMA	3.000	468,577	436,484
BH2729	FNMA	3.000	383,724	360,502
BH4648	FNMA	3.000	126,200	-
BC4095	FNMA	3.500	438,704	397,021
BD5939	FNMA	3.500	159,402	150,947
BE0295	FNMA	3.500	119,348	112,657
BE4733	FNMA	3.500	328,824	164,205
BE4735	FNMA	3.500	537,739	512,363
BH2730	FNMA	3.500	1,254,329	861,976
BH4649	FNMA	3.500	1,004,240	944,318
BH2737	FNMA	4.000	456,858	285,187
BH2734	FNMA	4.500	174,246	165,975
BH4654	FNMA	4.500	516,158	492,740
AT8152	GNMA II	3.000	270,196	253,344
AX5912	GNMA II	3.000	682,872	451,331
AR0758	GNMA II	3.500	638,048	428,474
AR0759	GNMA II	3.500	584,144	548,670
AT7611	GNMA II	3.500	152,881	143,673
AX5916	GNMA II	3.500	376,517	125,262
AX5993	GNMA II	3.500	468,901	440,107
AX6123	GNMA II	3.500	526,494	-
AX6518	GNMA II	3.500	640,271	299,961
Subtotal			10,833,711	8,070,737

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BE4732	FNMA	3.000 %	\$ 98,583	\$ -
BH2912	FNMA	4.000	2,974,665	2,625,945
AT8286	GNMA II	3.000	457,633	425,744
AX6515	GNMA II	3.500	5,492,465	4,346,056
AX6516	GNMA II	4.000	3,139,100	1,671,254
BE4462	FNMA	3.000	6,198,005	4,935,115
BD5937	FNMA	3.500	2,044,924	1,296,008
AX5786	GNMA II	3.000	4,961,391	3,535,996
AX5787	GNMA II	3.000	4,961,764	3,656,490
AX5788	GNMA I	3.000	6,156,959	3,893,028
Subtotal			36,485,488	26,385,636
MBS Participation Interest (33.335%)			12,162,438	8,795,652

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BH2914	FNMA	4.000 %	\$ 2,290,805	\$ 1,805,638
Subtotal			<u>2,290,805</u>	<u>1,805,638</u>
MBS Participation Interest (50.0%)			1,145,402	902,819

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BH6206	FNMA	3.500 %	\$ 213,059	\$ 201,886
BJ1725	FNMA	4.000	1,937,075	1,482,475
AX6604	GNMA II	3.500	494,913	471,028
BB3327	GNMA I	3.500	307,537	292,508
AX6520	GNMA II	4.000	150,638	-
AX6606	GNMA II	4.000	296,337	281,185
BB3326	GNMA II	4.000	249,619	238,091
BB3453	GNMA II	4.000	168,827	160,655
Subtotal			3,818,006	3,127,828
MBS Participation Interest (30.0%)			1,145,402	938,348

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 781,270
BH2735	FNMA	3.500	162,620	155,406
BH2910	FNMA	3.500	1,192,918	1,142,397
BE4736	FNMA	4.000	1,280,154	1,054,260
BH2731	FNMA	4.000	2,206,844	1,698,287
BH2732	FNMA	4.000	1,747,479	1,509,135
BH2733	FNMA	4.000	2,772,975	1,803,997
BH4650	FNMA	4.000	1,113,794	960,226
BH4651	FNMA	4.000	2,228,404	1,741,966
BH4652	FNMA	4.000	2,104,727	1,491,573
BH4653	FNMA	4.000	2,290,937	1,308,353
AX6514	GNMA I	3.500	6,265,164	3,889,750
AX6602	GNMA I	3.500	8,203,751	6,386,642
AX6513	GNMA II	4.000	2,562,616	1,940,711
B32270	FHLMC	3.500	786,874	495,962
BJ2867	FNMA	3.500	5,875,027	5,064,625
BJ5391	FNMA	3.500	4,028,730	2,645,939
BJ2871	FNMA	4.000	2,285,270	1,923,058
BJ5218	FNMA	4.000	163,639	156,873
BJ5393	FNMA	4.000	2,890,359	2,111,271
BJ5395	FNMA	4.000	3,265,054	2,927,485

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX6212	GNMA II	3.500 %	\$ 585,625	\$ 558,277
BB3794	GNMA II	3.500	3,071,434	2,549,069
BB3795	GNMA II	3.500	5,412,470	3,863,197
BB3796	GNMA II	3.500	4,094,272	3,360,771
BB3798	GNMA II	3.500	2,880,351	2,393,083
Subtotal			70,678,208	53,913,583
MBS Participation Interest (50.000%)			35,339,104	26,956,792
2017 ABC Total			\$ 60,626,057	\$ 45,664,347

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2017 DEF**

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
B32253	FHLMC	3.500 %	\$ 164,103	\$ 156,811
B32261	FHLMC	3.500	375,301	359,078
BJ0401	FNMA	3.500	548,771	526,534
BJ5388	FNMA	3.500	1,098,490	998,811
BB3874	GNMA II	3.500	5,030,356	4,148,861
BB3875	GNMA II	3.500	4,783,103	3,720,593
BB3876	GNMA II	3.500	5,004,487	4,184,251
BB3877	GNMA II	3.500	4,889,444	3,537,549
BB3878	GNMA II	3.500	4,983,334	4,378,339
BB3880	GNMA II	3.500	5,393,045	4,085,093
BB3879	GNMA II	3.500	4,962,312	3,960,986
Subtotal			37,232,746	30,056,905

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
B32270	FHLMC	3.500 %	\$ 786,874	\$ 495,962
BJ2867	FNMA	3.500	5,875,027	5,064,625
BJ5391	FNMA	3.500	4,028,730	2,645,939
BJ2871	FNMA	4.000	2,285,270	1,923,058
BJ5218	FNMA	4.000	163,639	156,873
BJ5393	FNMA	4.000	2,890,359	2,111,271
BJ5395	FNMA	4.000	3,265,054	2,927,485
AX6212	GNMA II	3.500	585,625	558,277
BB3794	GNMA II	3.500	3,071,434	2,549,069
BB3795	GNMA II	3.500	5,412,470	3,863,197
BB3796	GNMA II	3.500	4,094,272	3,360,771
BB3798	GNMA II	3.500	2,880,351	2,393,083
Q48789	FHLMC	4.000	1,206,720	781,270
BH2735	FNMA	3.500	162,620	155,406
BH2910	FNMA	3.500	1,192,918	1,142,397
BE4736	FNMA	4.000	1,280,154	1,054,260
BH2731	FNMA	4.000	2,206,844	1,698,287
BH2732	FNMA	4.000	1,747,479	1,509,135
BH2733	FNMA	4.000	2,772,975	1,803,997
BH4650	FNMA	4.000	1,113,794	960,226
BH4651	FNMA	4.000	2,228,404	1,741,966
BH4652	FNMA	4.000	2,104,727	1,491,573
BH4653	FNMA	4.000	2,290,937	1,308,353

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX6514	GNMA I	3.500 %	\$ 6,265,164	\$ 3,889,750
AX6602	GNMA I	3.500	8,203,751	6,386,642
AX6513	GNMA II	4.000	2,562,616	1,940,711
Subtotal			70,678,208	53,913,583
MBS Participation Interest (50.000%)			35,339,104	26,956,792

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 3,490,008
BB4114	GNMA I	3.500	4,430,199	3,819,199
BB4115	GNMA I	3.500	1,285,872	1,230,226
B32294	FHLMC	3.500	889,653	688,798
B32295	FHLMC	4.000	72,364	69,514
BH8427	FNMA	3.500	610,540	579,377
BJ5221	FNMA	3.500	1,988,298	1,775,279
BJ5399	FNMA	3.500	456,440	437,534
BJ8207	FNMA	3.500	1,044,791	997,996
BK0989	FNMA	3.500	3,778,347	3,398,091
BK0990	FNMA	3.500	2,084,193	1,996,301
BK0991	FNMA	3.500	3,567,149	2,981,088
Subtotal			24,387,161	21,463,411
MBS Participation Interest (25.0%)			6,096,790	5,365,853

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
BJ0412	FNMA	3.500 %	\$ 2,101,228	\$ 1,698,376
BJ2869	FNMA	3.500	2,726,869	1,654,288
BJ2873	FNMA	4.000	2,391,919	1,594,128
BJ5214	FNMA	3.500	1,105,052	753,206
BB3797	GNMA II	3.500	3,868,517	3,434,287
Subtotal			12,193,585	9,134,285
MBS Participation Interest (50.000%)			6,096,793	4,567,142

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 441,846
BH8343	FNMA	4.000	534,213	316,923
BJ5401	FNMA	4.000	150,788	-
BF2379	GNMA II	3.500	3,368,038	2,535,977
BF2380	GNMA II	4.000	2,882,352	1,896,333
BF2172	GNMA I	3.500	2,167,549	1,899,198
BF2377	GNMA I	3.500	1,338,753	1,274,804
Subtotal			10,902,114	8,365,081
MBS Participation Interest (30.000%)			3,270,634	2,509,524

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
BJ0414	FNMA	3.500 %	\$ 2,277,814	\$ 2,181,612
BJ5216	FNMA	3.500	2,318,723	2,029,111
BJ5389	FNMA	3.500	1,982,976	1,528,399
Subtotal			6,579,513	5,739,123
MBS Participation Interest (50.000%)			3,289,756	2,869,561

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
BJ0410	FNMA	3.500 %	\$ 550,689	\$ 532,465
BK3342	FNMA	4.000	308,085	299,013
BK1671	FNMA	4.000	291,810	67,630
BK3337	FNMA	4.000	1,305,698	963,430
BK3338	FNMA	4.000	2,205,603	2,137,829
BK3339	FNMA	4.000	1,055,529	799,249
BK4075	FNMA	4.000	1,272,248	770,447
BK4077	FNMA	4.000	1,089,471	601,369
BK5110	FNMA	4.000	2,136,660	1,858,413
BK6996	FNMA	4.000	1,260,717	1,091,084
BK6997	FNMA	4.000	2,301,801	2,218,287
BK7000	FNMA	4.500	2,319,415	2,096,539
BK7001	FNMA	4.500	2,408,804	2,140,792
B32321	FHLMC	4.000	154,310	149,381
B32316	FHLMC	4.000	597,634	578,085
Q56821	FHLMC	4.500	1,257,783	856,973
BB3331	GNMA II	3.500	535,471	515,275
BB3803	GNMA II	3.500	625,020	223,613
BB4033	GNMA II	3.500	304,304	100,759
BB4119	GNMA II	3.500	575,626	554,806

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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	\$ 304,015
BF2612	GNMA II	3.500	162,282	155,564
BF2614	GNMA II	4.000	4,711,173	4,144,547
BF2621	GNMA II	4.000	561,626	543,264
BF2491	GNMA II	4.500	2,569,139	1,583,557
BF2616	GNMA II	4.500	2,348,038	2,115,258
BF2618	GNMA II	4.500	2,087,298	1,608,241
Subtotal			35,543,650	29,009,888
MBS Participation Interest (40.000%)			14,217,460	11,603,955

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 1,597,606
BJ0415	FNMA	3.500	1,364,693	1,309,931
BJ2868	FNMA	3.500	2,138,695	1,717,787
BJ2870	FNMA	3.500	1,241,724	1,186,124
BJ2874	FNMA	4.000	1,172,230	1,123,556
BJ5215	FNMA	3.500	1,139,105	933,720
BJ5217	FNMA	3.500	1,195,322	1,147,270
BJ5390	FNMA	3.500	2,607,621	2,344,214
BJ5392	FNMA	3.500	1,378,345	903,604
BJ5394	FNMA	4.000	1,943,975	1,861,454
BB3791	GNMA I	3.500	3,586,872	2,969,517
BB3792	GNMA I	3.500	4,373,543	3,768,073
BB3793	GNMA I	3.500	4,874,109	3,532,965
Subtotal			28,684,820	24,395,822
MBS Participation Interest (50.000%)			14,342,410	12,197,911
2017 DEF Total			\$ 119,885,693	\$ 96,127,644

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32314	FHLMC	3.500 %	\$ 163,459	\$ 157,779
B32315	FHLMC	4.500	142,087	137,030
B32320	FHLMC	4.000	116,088	112,459
B32322	FHLMC	4.500	248,252	146,525
B32328	FHLMC	4.000	554,503	422,324
BE4728	FNMA	4.000	369,322	157,260
BJ0400	FNMA	3.500	459,057	299,916
BJ0402	FNMA	3.500	434,785	-
BJ2876	FNMA	3.500	339,985	327,994
BJ8219	FNMA	4.000	448,968	433,673
BK0996	FNMA	3.500	446,957	431,172
BK0997	FNMA	3.500	525,586	506,442
BK0998	FNMA	3.500	699,765	295,981
BK1670	FNMA	3.500	413,986	396,189
BK3333	FNMA	3.500	895,167	866,160
BK3335	FNMA	3.500	1,020,628	753,878
BK3336	FNMA	4.000	1,034,111	1,001,434
BK3340	FNMA	4.500	355,128	345,146
BK3341	FNMA	3.500	207,161	200,364
BK4073	FNMA	3.500	480,683	461,686
BK4074	FNMA	4.000	2,014,715	1,542,094
BK4076	FNMA	4.000	1,974,594	1,731,126
BK4078	FNMA	4.500	1,394,390	1,015,707
BK4079	FNMA	4.500	2,074,399	1,183,154
BK5108	FNMA	4.000	1,855,353	1,632,523
BK5109	FNMA	4.000	1,313,057	796,523

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BK5111	FNMA	4.000 %	\$ 665,874	\$ 644,940
BK5112	FNMA	4.500	2,664,598	2,196,135
BK5113	FNMA	4.500	3,026,982	2,356,127
BK5114	FNMA	4.500	1,010,895	445,810
BK5117	FNMA	4.500	120,772	117,067
BK6998	FNMA	4.000	824,373	798,286
BK6999	FNMA	4.500	2,960,454	2,423,181
BK7002	FNMA	4.500	1,564,581	918,649
AX6211	GNMA II	3.500	443,193	425,953
BB3332	GNMA II	4.000	324,852	176,039
BB3459	GNMA II	3.500	527,574	497,893
BB3594	GNMA II	3.500	472,914	340,648
BB3595	GNMA II	3.500	395,486	298,345
BB3690	GNMA II	3.500	471,395	453,325
BB3800	GNMA II	3.500	361,608	214,649
BB4034	GNMA II	3.500	461,262	113,807
BB4035	GNMA II	3.500	550,625	529,695
BB4120	GNMA II	3.500	427,259	313,575
BB4121	GNMA II	3.500	514,224	214,154
BB4122	GNMA II	3.500	404,126	389,213
BF2178	GNMA II	3.500	437,746	129,292
BF2179	GNMA II	3.500	492,962	474,390
BF2182	GNMA II	3.500	175,760	169,585
BF2487	GNMA II	3.500	1,599,788	1,393,717
BF2490	GNMA II	4.000	1,726,633	958,806

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2495	GNMA II	4.500 %	\$ 195,365	\$ -
BF2933	GNMA II	3.500	102,949	99,232
BF2938	GNMA II	4.500	3,553,501	2,438,937
BF2170	GNMA I	3.500	3,185,013	2,513,327
Subtotal			49,644,950	37,399,320

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32316	FHLMC	4.000 %	\$ 597,634	\$ 578,085
B32321	FHLMC	4.000	154,310	149,381
Q56821	FHLMC	4.500	1,257,783	856,973
BJ0410	FNMA	3.500	550,689	532,465
BK1671	FNMA	4.000	291,810	67,630
BK3337	FNMA	4.000	1,305,698	963,430
BK3338	FNMA	4.000	2,205,603	2,137,829
BK3339	FNMA	4.000	1,055,529	799,249
BK3342	FNMA	4.000	308,085	299,013
BK4075	FNMA	4.000	1,272,248	770,447
BK4077	FNMA	4.000	1,089,471	601,369
BK5110	FNMA	4.000	2,136,660	1,858,413
BK6996	FNMA	4.000	1,260,717	1,091,084
BK6997	FNMA	4.000	2,301,801	2,218,287
BK7000	FNMA	4.500	2,319,415	2,096,539
BK7001	FNMA	4.500	2,408,804	2,140,792
BB3331	GNMA II	3.500	535,471	515,275
BB3803	GNMA II	3.500	625,020	223,613
BB4033	GNMA II	3.500	304,304	100,759
BB4119	GNMA II	3.500	575,626	554,806
BF2384	GNMA II	3.500	547,416	304,015
BF2491	GNMA II	4.500	2,569,139	1,583,557
BF2612	GNMA II	3.500	162,282	155,564

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2616	GNMA II	4.500 %	\$ 2,348,038	\$ 2,115,258
BF2618	GNMA II	4.500	2,087,298	1,608,241
BF2614	GNMA II	4.000	4,711,173	4,144,547
BF2621	GNMA II	4.000	561,626	543,264
Subtotal			35,543,650	29,009,888
MBS Participation Interest (60.000%)			21,326,190	17,405,933

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0413	FNMA	3.500 %	\$ 1,654,698	\$ 1,597,606
BJ0415	FNMA	3.500	1,354,162	1,309,931
BJ2868	FNMA	3.500	2,119,623	1,717,787
BJ2870	FNMA	3.500	1,231,254	1,186,124
BJ2874	FNMA	4.000	1,162,942	1,123,556
BJ5215	FNMA	3.500	1,129,624	933,720
BJ5217	FNMA	3.500	1,186,168	1,147,270
BJ5390	FNMA	3.500	2,584,435	2,344,214
BJ5392	FNMA	3.500	1,366,560	903,604
BJ5394	FNMA	4.000	1,927,501	1,861,454
BB3791	GNMA I	3.500	3,554,670	2,969,517
BB3792	GNMA I	3.500	4,333,087	3,768,073
BB3793	GNMA I	3.500	4,830,196	3,532,965
Subtotal			28,434,918	24,395,822
MBS Participation Interest (50.000%)			14,217,459	12,197,911

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**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	\$ 178,188
BK8048	FNMA	5.000	154,823	150,765
BK8980	FNMA	4.500	1,466,705	990,772
BF2622	GNMA II	4.000	452,287	437,827
BF2624	GNMA II	4.500	534,479	355,176
BF2939	GNMA II	4.000	491,314	476,348
BF3050	GNMA II	4.500	1,341,407	1,083,829
Subtotal			4,861,057	3,672,905
MBS Participation Interest (23.8%)			1,156,932	874,151

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BF2488	GNMA II	4.000 %	\$ 2,892,334	\$ 2,365,342
Subtotal			2,892,334	2,365,342
MBS Participation Interest (60.000%)			1,735,400	1,419,205

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**2018 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32327	FHLMC	4.500 %	\$ 221,504	\$ 215,084
B32350	FHLMC	5.000	336,447	156,698
B32362	FHLMC	5.000	203,253	-
BK8971	FNMA	4.500	420,812	409,065
BK8972	FNMA	4.500	527,447	514,360
BK9342	FNMA	4.500	507,214	495,030
BN0265	FNMA	5.000	930,657	908,835
Subtotal			3,147,332	2,699,072
MBS Participation Interest (24.9962%)			786,713	674,665

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BF2613	GNMA II	4.000 %	\$ 1,966,784	\$ 1,583,335
Subtotal			1,966,784	1,583,335
MBS Participation Interest (60.000%)			1,180,070	950,001

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB3882	GNMA	3.500 %	\$ 2,433,820	\$ 1,932,337
BF3126	GNMA II	4.000	1,969,609	1,920,312
BI5933	GNMA II	4.000	5,053,923	4,926,147
BI6182	GNMA II	4.000	3,449,985	3,228,884
BI6183	GNMA II	4.000	3,382,053	3,298,842
BI6070	GNMA II	4.500	5,213,371	4,578,018
BI6184	GNMA II	4.500	3,474,491	2,899,599
BI6185	GNMA II	4.500	4,381,919	3,956,408
BI6186	GNMA II	4.500	5,013,250	4,714,773
Subtotal			34,372,422	31,455,322
MBS Participation Interest (39.9976%)			13,748,144	12,581,374

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
BF2177	GNMA	3.500 %	29.5335 %	\$ 1,004,344	\$ 974,138
BF2171	GNMA	3.500	29.5335	1,788,664	1,695,510
BF2378	GNMA	3.500	29.5335	4,114,255	3,567,858
BF2493	GNMA II	4.000	25.5425	616,883	601,489
BF2615	GNMA II	4.000	25.5425	3,662,418	2,942,966
BF2934	GNMA II	4.000	25.5425	4,891,882	3,894,214
BF2935	GNMA II	4.000	25.5425	6,042,297	4,682,262
BF2617	GNMA II	4.500	24.2974	3,369,519	1,999,449
BF2936	GNMA II	4.500	24.2227	4,492,876	2,967,923
BF2937	GNMA II	4.500	24.5703	4,387,315	3,323,637
Subtotal				34,370,453	26,649,446
MBS Participation Interest (60.000%)				20,622,272	15,989,667
2018 ABCD Total				<u>\$ 124,418,130</u>	<u>\$ 99,492,227</u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 EFGH**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ1726	FNMA	3.500 %	\$ 315,572	\$ 306,897
BJ5397	FNMA	3.500	433,588	416,428
BJ5398	FNMA	3.500	445,687	432,847
BJ8217	FNMA	3.500	506,477	473,284
BJ5233	FNMA	3.500	149,889	146,230
BK4081	FNMA	4.000	256,835	105,515
BK4080	FNMA	4.000	381,469	371,784
BK7003	FNMA	4.000	505,809	492,481
BK8963	FNMA	4.000	4,291,720	3,634,990
BK8037	FNMA	4.000	1,000,675	976,062
BK9990	FNMA	4.000	149,776	146,527
BK9992	FNMA	4.000	154,145	150,804
BN0259	FNMA	4.000	245,655	239,844
BK8044	FNMA	4.500	457,447	446,935
BK7005	FNMA	4.500	204,837	200,012
BK8046	FNMA	4.500	565,390	552,528
BK9339	FNMA	4.500	437,996	427,781
BK9341	FNMA	4.500	502,441	491,319
BK9994	FNMA	4.500	1,646,268	1,441,437
BK9997	FNMA	4.500	127,747	125,129
BN0264	FNMA	4.500	5,484,630	4,232,354
Q58620	FHLMC	4.500	1,178,359	1,072,077
Q58602	FHLMC	4.500	1,111,370	1,086,170
Q58603	FHLMC	4.500	1,063,623	571,029
BN0268	FNMA	4.500	398,255	389,706
BN0269	FNMA	4.500	347,438	158,547

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 EFGH, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BK9999	FNMA	4.500 %	\$ 1,381,013	\$ 1,352,781
BN0000	FNMA	4.500	1,953,327	1,754,841
BN0001	FNMA	4.500	4,323,173	3,395,691
BN1399	FNMA	4.500	1,484,027	1,386,967
BN1817	FNMA	4.500	3,769,726	2,924,367
BN1818	FNMA	4.500	3,545,557	2,853,888
BN1819	FNMA	4.500	4,488,989	3,828,181
BN1820	FNMA	4.500	6,659,459	4,986,547
BN1822	FNMA	4.500	487,649	374,683
BN2708	FNMA	4.500	3,782,211	2,564,771
Q59693	FHLMC	4.500	1,055,496	1,031,307
Q59698	FHLMC	4.500	1,623,029	752,623
BN0270	FNMA	5.000	152,724	-
BN1821	FNMA	5.000	858,456	835,557
B32379	FHLMC	5.000	499,974	489,308
BN2709	FNMA	5.000	1,116,372	1,091,707
BN2710	FNMA	5.000	1,550,673	839,821
B32393	FHLMC	5.000	180,589	176,729
B32364	FHLMC	4.500	460,803	449,830
BB3454	GNMA II	3.500	335,283	158,360
BB3460	GNMA II	3.500	505,269	490,890
BB3801	GNMA II	3.500	451,312	437,995

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 EFGH, continued**

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
BB3802	GNMA II	3.500	%	\$ 429,691	\$ 312,397
BF2383	GNMA II	3.500		466,053	407,027
BF2385	GNMA II	4.000		563,784	548,624
BI6065	GNMA II	4.000		2,544,854	2,265,132
BI6066	GNMA II	4.000		5,879,906	5,730,808
BF2623	GNMA II	4.500		463,185	451,697
BF3057	GNMA II	4.500		420,914	410,716
BF3059	GNMA II	4.500		479,902	321,410
BI6069	GNMA II	4.500		4,157,487	2,839,828
BI6293	GNMA II	4.000		3,463,322	2,912,284
Subtotal				81,897,311	67,465,484

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB3882	GNMA	3.500 %	\$ 2,433,820	\$ 1,932,337
BF3126	GNMA II	4.000	1,969,609	1,920,312
BI5933	GNMA II	4.000	5,053,923	4,926,147
BI6182	GNMA II	4.000	3,449,985	3,228,884
BI6183	GNMA II	4.000	3,382,053	3,298,842
BI6070	GNMA II	4.500	5,213,371	4,578,018
BI6184	GNMA II	4.500	3,474,491	2,899,599
BI6185	GNMA II	4.500	4,381,919	3,956,408
BI6186	GNMA II	4.500	5,013,250	4,714,773
Subtotal			34,372,422	31,455,322
MBS Participation Interest (60.0024%)			20,624,278	18,873,948

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 EFGH, continued**

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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass- Through</u>	<u>Interest Participation</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BF2177	GNMA	3.500	% 70.4665 %	\$ 1,004,344	\$ 974,138
BF2171	GNMA	3.500	70.4665	1,788,664	1,695,510
BF2378	GNMA	3.500	70.4665	4,114,255	3,567,858
BF2493	GNMA II	4.000	74.4575	616,883	601,489
BF2615	GNMA II	4.000	74.4575	3,662,418	2,942,966
BF2934	GNMA II	4.000	74.4575	4,891,882	3,894,214
BF2935	GNMA II	4.000	74.4575	6,042,297	4,682,262
BF2617	GNMA II	4.500	75.7026	3,369,519	1,999,449
BF2936	GNMA II	4.500	75.7773	4,492,876	2,967,923
BF2937	GNMA II	4.500	75.4297	4,387,315	3,323,637
Subtotal				34,370,453	26,649,446
MBS Participation Interest (40.000%)				13,748,181	10,659,778

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN3059	FNMA	4.500 %	\$ 3,011,057	\$ 2,545,661
BN6774	FNMA	4.500	5,494,643	4,830,647
BN6775	FNMA	5.000	1,631,285	1,459,564
BN6776	FNMA	5.000	2,366,006	2,327,636
BN7977	FNMA	4.500	2,510,326	2,158,910
BN7978	FNMA	4.500	4,831,213	4,176,609
BN7979	FNMA	5.000	1,470,746	1,446,545
BI6439	GNMA II	5.500	204,132	200,776
BI6444	GNMA II	4.500	733,471	469,143
BI6679	GNMA II	5.000	642,179	405,684
BI6808	GNMA II	4.500	3,689,956	3,508,407
BI6814	GNMA II	5.000	3,025,576	2,309,306
BI6916	GNMA II	4.000	5,454,249	5,173,616
Subtotal			35,064,841	31,012,504
MBS Participation Interest (37.5225%)			13,157,205	11,636,667

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2018 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through			Principal Amount At	Principal Amount
		Interest Rate	Interest Participation		Acquisition	Outstanding
BN0005	FNMA	4.500 %	26.0429	%	\$ 1,780,150	\$ 1,751,246
BN0006	FNMA	4.500	26.1354		3,398,242	3,174,509
BN0007	FNMA	4.500	25.9282		1,831,086	1,799,729
BN0008	FNMA	4.500	26.0567		5,305,274	4,776,234
BN2703	FNMA	4.500	28.3402		1,632,556	1,536,458
BN2704	FNMA	4.500	28.2477		5,479,448	4,572,747
BN2705	FNMA	4.500	28.3949		5,171,051	4,291,558
BN2706	FNMA	4.500	28.6269		5,773,544	4,547,664
BN2707	FNMA	4.500	28.4498		3,936,068	3,260,816
Subtotal					34,307,418	29,710,962
MBS Participation Interest (61.6491%)					21,150,214	18,316,541
2018 EFGH Total					\$ 149,056,651	\$ 126,952,417

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32380	FHLMC	5.000 %	\$ 133,578	\$ 131,333
B32409	FHLMC	5.000	167,768	165,043
B32429	FHLMC	5.000	633,910	623,726
B32430	FHLMC	5.500	120,678	118,651
B32431	FHLMC	4.500	166,861	164,089
B32457	FHLMC	5.000	439,982	430,189
B32478	FHLMC	5.000	461,486	254,712
Q60966	FHLMC	4.500	1,434,087	869,446
Q61626	FHLMC	4.500	1,868,626	1,834,251
Q62157	FHLMC	4.500	1,082,490	809,202
BK0999	FNMA	4.000	742,290	599,206
BN0266	FNMA	4.500	514,281	504,614
BN1827	FNMA	4.500	588,005	578,069
BN2696	FNMA	4.500	581,292	571,092
BN2697	FNMA	4.500	432,672	214,650
BN2698	FNMA	4.500	298,817	291,709
BN3053	FNMA	4.500	3,788,834	3,241,749
BN3054	FNMA	5.000	1,619,709	1,595,312
BN3055	FNMA	4.500	170,906	-
BN3058	FNMA	4.500	1,206,008	1,186,038
BN3060	FNMA	5.000	199,234	-
BN3595	FNMA	4.500	493,748	275,621

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN4198	FNMA	4.500 %	\$ 559,929	\$ 549,520
BN4200	FNMA	5.000	465,131	244,184
BN4201	FNMA	5.000	398,151	391,966
BN4973	FNMA	5.500	183,545	180,837
BN4974	FNMA	4.500	552,714	543,480
BN4977	FNMA	4.500	407,639	189,604
BN6772	FNMA	4.500	3,442,305	3,118,649
BN6773	FNMA	4.500	1,954,207	1,239,314
BN6777	FNMA	5.500	226,272	222,955
BN7980	FNMA	4.500	511,672	362,314
BN8515	FNMA	5.000	279,489	275,391
BF3055	GNMA II	4.500	587,952	576,533
BI5941	GNMA II	4.500	250,111	243,204
BI6074	GNMA II	4.500	577,359	346,575
BI6192	GNMA II	4.500	422,666	414,398
BI6193	GNMA II	4.500	555,730	545,538
BI6194	GNMA II	4.500	754,141	740,239
BI6302	GNMA II	4.500	499,728	304,632
BI6303	GNMA II	4.500	691,814	678,611
BI6304	GNMA II	4.500	517,836	508,362
BI6305	GNMA II	4.500	614,940	398,126
BI6306	GNMA II	4.500	525,368	514,752
BI6441	GNMA II	4.500	563,518	552,079
BI6443	GNMA II	4.500	403,109	395,858
BI6675	GNMA II	4.500	577,661	566,721
BI6677	GNMA II	4.500	471,754	463,460

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BI6678	GNMA II	4.500 %	\$ 441,433	\$ 433,819
BI6809	GNMA II	4.500	4,067,041	3,696,077
BM1600	GNMA II	5.000	329,825	199,958
728666	GNMA II	4.250	60,135	57,814
743566	GNMA II	4.250	75,740	73,142
728516	GNMA II	4.625	2,558,611	1,966,415
728614	GNMA II	4.625	324,354	232,638
728262	GNMA II	4.875	185,487	131,437
728517	GNMA II	4.875	514,979	420,512
AC9191	FNMA	4.562	51,868	50,144
AC6444	FNMA	5.187	157,269	76,694
Subtotal			42,906,746	36,364,654

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
728515	GNMA II	4.500 %	\$ 1,683,220	\$ 1,194,243
728534	GNMA II	4.500	717,724	692,382
728613	GNMA II	4.500	973,189	683,387
728261	GNMA II	4.625	286,413	185,092
728535	GNMA II	4.625	405,656	391,684
728536	GNMA II	4.875	138,186	133,646
728519	GNMA II	5.125	309,561	221,759
735236	GNMA II	5.125	23,903	18,068
AC9166	FNMA	4.562	204,243	195,528
AC9177	FNMA	4.562	75,177	-
735540	GNMA II	4.500	1,458,394	1,321,496
743212	GNMA II	4.500	113,830	110,406
747576	GNMA II	4.500	190,437	185,048
747684	GNMA II	4.500	741,626	718,794
751069	GNMA II	4.500	399,623	388,317
751083	GNMA II	4.500	471,443	457,678
735284	GNMA II	4.625	295,041	286,411

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
735439	GNMA II	4.625 %	\$ 244,080	\$ 235,027
747509	GNMA II	4.625	804,212	565,436
747822	GNMA II	4.625	430,039	321,970
735542	GNMA II	4.750	308,884	299,649
AD6803	FNMA	4.500	738	-
AD2660	FNMA	4.562	102,758	-
AD3417	FNMA	4.562	251,072	242,765
AD3424	FNMA	4.562	84,505	-
AD4234	FNMA	4.562	150,011	145,073
AD4246	FNMA	4.562	186,775	179,334
AD5863	FNMA	4.750	75,273	72,962
Subtotal			11,126,015	9,246,155
MBS Participation Interest (50%)			5,563,007	4,623,077

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN3059	FNMA	4.500 %	\$ 3,011,057	\$ 2,545,661
BN6774	FNMA	4.500	5,494,643	4,830,647
BN6775	FNMA	5.000	1,631,285	1,459,564
BN6776	FNMA	5.000	2,366,006	2,327,636
BN7977	FNMA	4.500	2,510,326	2,158,910
BN7978	FNMA	4.500	4,831,213	4,176,609
BN7979	FNMA	5.000	1,470,746	1,446,545
BI6439	GNMA II	5.500	204,132	200,776
BI6444	GNMA II	4.500	733,471	469,143
BI6679	GNMA II	5.000	642,179	405,684
BI6808	GNMA II	4.500	3,689,956	3,508,407
BI6814	GNMA II	5.000	3,025,576	2,309,306
BI6916	GNMA II	4.000	5,454,249	5,173,616
Subtotal			35,064,841	31,012,504
MBS Participation Interest (62.4775%)			21,907,636	19,375,837

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through			Principal Amount At Acquisition	Principal Amount Outstanding
		Interest Rate	Interest Participation			
BN0005	FNMA	4.500	%	73.9571	\$ 1,780,150	\$ 1,751,246
BN0006	FNMA	4.500		73.8646	3,398,242	3,174,509
BN0007	FNMA	4.500		74.0718	1,831,086	1,799,729
BN0008	FNMA	4.500		73.9433	5,305,274	4,776,234
BN2703	FNMA	4.500		71.6598	1,632,556	1,536,458
BN2704	FNMA	4.500		71.7523	5,479,448	4,572,747
BN2705	FNMA	4.500		71.6051	5,171,051	4,291,558
BN2706	FNMA	4.500		71.3731	5,773,544	4,547,664
BN2707	FNMA	4.500		71.5502	3,936,068	3,260,816
Subtotal					34,307,418	29,710,962
MBS Participation Interest (38.3509%)					13,157,203	11,394,421

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition		Outstanding
Q63202	FHLMC	5.000	% 25.9163	%	\$ 999,220	\$ 988,633
BN3056	FNMA	5.000	23.5406		199,272	197,186
BN4976	FNMA	4.500	26.2779		472,983	467,575
BN4978	FNMA	5.000	24.9371		301,296	298,147
BN8514	FNMA	4.500	24.3146		506,779	261,812
BN8517	FNMA	4.500	24.5941		3,208,270	3,009,219
BN8518	FNMA	4.500	24.5641		193,770	191,847
BN9777	FNMA	4.500	28.0301		3,866,449	3,676,055
BN9778	FNMA	4.500	28.0859		4,476,785	3,885,971
BN9779	FNMA	5.000	26.4402		2,065,363	2,040,728
BN9780	FNMA	5.000	26.1853		2,873,237	2,475,421
BF3054	GNMA II	4.000	30.5392		608,816	600,708
BI6072	GNMA II	4.000	30.5392		732,396	723,168
BI6189	GNMA II	4.000	30.5392		294,896	291,172
BI6301	GNMA II	4.000	30.5392		615,954	608,245
BI6433	GNMA II	4.000	30.5392		111,135	109,744
BI6436	GNMA II	4.500	28.1138		7,475,930	6,630,294
BI6634	GNMA II	4.000	30.5392		139,898	138,141
BI6671	GNMA II	4.500	28.0691		5,451,323	5,176,978
BI6674	GNMA II	4.000	30.5392		405,411	400,346
BI6676	GNMA II	4.500	27.8148		490,345	325,825

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through			Principal Amount At Acquisition	Principal Amount Outstanding
		Interest Rate	Interest Participation			
BI6807	GNMA II	4.000 %	30.5392 %	\$	2,181,367	\$ 1,974,460
BI6810	GNMA II	4.500	28.5976		3,661,437	3,250,993
BM1602	GNMA II	4.000	30.5392		622,567	614,842
BM1804	GNMA II	4.000	30.8729		3,915,099	3,768,840
BM1805	GNMA II	4.000	30.6652		4,103,922	3,841,909
Subtotal					49,973,919	45,948,259
MBS Participation Interest (81.2333%)					40,595,464	37,325,287

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1901	GNMA II	4.500 %	\$ 358,838	\$ 354,532
BM2252	GNMA II	4.000	568,544	560,364
BM2255	GNMA II	4.000	525,577	519,234
BM2402	GNMA II	3.500	5,258,785	4,791,373
BM2403	GNMA II	3.500	5,777,875	5,696,665
BM2404	GNMA II	4.000	8,058,509	7,667,822
BM2406	GNMA II	4.000	6,307,005	6,226,624
BM2407	GNMA II	4.000	7,248,350	7,158,076
Subtotal			34,103,484	32,974,690
MBS Participation Interest (27.5%)			9,378,458	9,068,040

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through			Principal Amount At Acquisition	Principal Amount Outstanding	
		Interest Rate	Interest Participation				
Q63201	FHLMC	4.500	%	28.1474	%	\$ 1,161,915	\$ 870,048
BI6680	GNMA II	5.000		26.5796		564,113	561,295
BI6811	GNMA II	4.500		28.7724		3,992,543	3,360,713
BI6812	GNMA II	4.500		28.2884		3,942,559	3,379,411
BI6813	GNMA II	5.000		26.6498		2,007,030	1,773,177
BI6815	GNMA II	4.500		28.2487		371,852	369,708
BI6816	GNMA II	4.500		28.2487		535,275	532,099
BI6817	GNMA II	4.500		27.5598		417,200	414,977
BI6818	GNMA II	4.500		27.5598		205,661	204,617
BI6917	GNMA II	4.500		29.1344		2,858,595	2,700,226
BM1599	GNMA II	4.500		28.9256		4,661,002	4,634,822
BM1603	GNMA II	4.500		29.7355		369,314	367,333
BM1808	GNMA II	4.500		29.0745		3,373,143	3,355,298
Subtotal						24,460,202	22,523,724
MBS Participation Interest (62.4619%)						15,278,307	14,068,746

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 ABCD, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7179	GNMA II	3.500 %	\$ 501,954	\$ 498,798
BP7183	GNMA II	3.500	501,410	498,370
BP7762	GNMA II	3.000	3,707,053	3,683,775
BP7764	GNMA II	3.000	4,717,510	4,390,265
BP7891	GNMA II	3.000	5,185,709	5,150,731
BP7892	GNMA II	3.000	5,222,881	5,055,644
BP7896	GNMA II	3.000	5,006,649	4,974,710
Subtotal			24,843,167	24,252,294
MBS Participation Interest (36.9565%)			9,181,165	8,962,799
2019 ABCD Total			\$ 157,967,986	\$ 141,182,861

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 EFGH**

Pool Number	Pool Type	Pass-Through		Principal Amount At	
		Interest Rate		Acquisition	Outstanding
QA1910	FHLMC	4.000	%	\$ 303,133	\$ 299,539
QA2735	FHLMC	4.000		1,968,857	1,943,797
BN3047	FNMA	4.000		74,782	73,695
BO3443	FNMA	4.000		253,655	250,640
BO4852	FNMA	4.000		4,430,240	4,367,087
BM2401	GNMA II	3.500		4,182,373	3,958,695
BP7172	GNMA II	3.500		4,363,354	4,295,758
BP7173	GNMA II	3.500		4,263,395	4,205,597
BP7174	GNMA II	3.500		2,828,291	2,618,379
BM2114	GNMA II	4.000		484,043	478,072
QA1913	FHLMC	4.500		268,895	140,439
BK8969	FNMA	4.000		670,471	664,941
BN1825	FNMA	4.500		478,100	474,370
BN4975	FNMA	4.500		487,241	483,696
BN6958	FNMA	5.000		679,474	185,622
BN8521	FNMA	5.500		315,053	64,020
BN9782	FNMA	4.500		528,919	524,935
BO0886	FNMA	4.500		404,429	401,211
BO0887	FNMA	4.500		371,825	368,830
BO1727	FNMA	5.000		601,050	398,488
BO4858	FNMA	4.000		381,454	378,275
BO4859	FNMA	4.000		304,880	302,402
BO6569	FNMA	3.000		2,211,197	2,189,980
BO6571	FNMA	3.500		2,358,562	2,337,966
BO7189	FNMA	4.000		1,971,556	1,956,539
BM1810	GNMA II	4.000		422,609	418,756
BM2408	GNMA II	3.500		514,529	509,700
BP7484	GNMA II	3.000		1,342,876	1,329,159
Subtotal				\$ 37,465,244	\$ 35,620,586

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1901	GNMA II	4.500 %	\$ 358,838	\$ 354,532
BM2252	GNMA II	4.000	568,544	560,364
BM2255	GNMA II	4.000	525,577	519,234
BM2402	GNMA II	3.500	5,258,785	4,791,373
BM2403	GNMA II	3.500	5,777,875	5,696,665
BM2404	GNMA II	4.000	8,058,509	7,667,822
BM2406	GNMA II	4.000	6,307,005	6,226,624
BM2407	GNMA II	4.000	7,248,350	7,158,076
Subtotal			34,103,484	32,974,690
MBS Participation Interest (72.5%)			24,725,026	23,906,650

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition		Outstanding
Q63202	FHLMC	5.000	% 74.0837	%	\$ 999,220	\$ 988,633
BN3056	FNMA	5.000	76.4594		199,272	197,186
BN4976	FNMA	4.500	73.7221		472,983	467,575
BN4978	FNMA	5.000	75.0629		301,296	298,147
BN8514	FNMA	4.500	75.6854		506,779	261,812
BN8517	FNMA	4.500	75.4059		3,208,270	3,009,219
BN8518	FNMA	4.500	75.4359		193,770	191,847
BN9777	FNMA	4.500	71.9699		3,866,449	3,676,055
BN9778	FNMA	4.500	71.9141		4,476,785	3,885,971
BN9779	FNMA	5.000	73.5598		2,065,363	2,040,728
BN9780	FNMA	5.000	73.8147		2,873,237	2,475,421
BF3054	GNMA II	4.000	69.4608		608,816	600,708
BI6072	GNMA II	4.000	69.4608		732,396	723,168
BI6189	GNMA II	4.000	69.4608		294,896	291,172
BI6301	GNMA II	4.000	69.4608		615,954	608,245
BI6433	GNMA II	4.000	69.4608		111,135	109,744
BI6436	GNMA II	4.500	71.8862		7,475,930	6,630,294
BI6634	GNMA II	4.000	69.4608		139,898	138,141
BI6671	GNMA II	4.500	71.9309		5,451,323	5,176,978
BI6674	GNMA II	4.000	69.4608		405,411	400,346
BI6676	GNMA II	4.500	72.1852		490,345	325,825

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through				Principal Amount At	Principal Amount
		Interest Rate	Interest Participation			Acquisition	Outstanding
BI6807	GNMA II	4.000	% 69.4608	%	\$	2,181,367	\$ 1,974,460
BI6810	GNMA II	4.500	71.4024			3,661,437	3,250,993
BM1602	GNMA II	4.000	69.4608			622,567	614,842
BM1804	GNMA II	4.000	69.1271			3,915,099	3,768,840
BM1805	GNMA II	4.000	69.3348			4,103,922	3,841,909
Subtotal						49,973,919	45,948,259
MBS Participation Interest (18.7667%)						9,378,456	8,622,972

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**2019 EFGH, continued**

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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BP7495	GNMA II	3.500 %	\$ 4,930,513	\$ 4,706,188
Subtotal			4,930,513	4,706,188
MBS Participation Interest (49.5838%)			2,444,736	2,333,507

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7169	GNMA II	3.000 %	\$ 658,663	\$ 345,543
BM2112	GNMA II	4.000	543,398	538,720
BM2405	GNMA II	4.000	7,687,885	7,436,680
Subtotal			8,889,945	8,320,943
MBS Participation Interest (72.5%)			6,445,210	6,032,684

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2019 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition	Outstanding	
BO3438	FNMA	4.000	% 44.2282	% \$	5,664,748	\$ 5,447,220
BO4853	FNMA	4.000	45.1211		6,876,128	6,830,742
BO5818	FNMA	3.500	53.6400		2,332,658	2,319,046
BO5819	FNMA	3.500	53.6400		4,389,795	4,363,558
BO5820	FNMA	3.500	50.2875		6,412,610	6,375,534
BO6570	FNMA	3.500	48.7636		4,778,189	4,747,538
BO6573	FNMA	3.500	46.8444		4,103,832	4,080,130
BP7170	GNMA II	3.500	47.3294		5,227,704	5,193,193
BP7171	GNMA II	3.500	45.9771		6,595,450	6,553,447
BP7175	GNMA II	3.500	45.9771		5,206,743	5,175,338
BP7176	GNMA II	3.500	48.1912		3,997,499	3,686,107
BP7177	GNMA II	4.000	45.9771		4,343,608	4,077,888
BP7485	GNMA II	3.000	57.4714		5,057,993	4,548,210
BP7486	GNMA II	3.000	55.4897		4,400,764	4,372,958
BP7487	GNMA II	3.000	55.4897		4,973,008	4,940,602
BP7488	GNMA II	3.000	53.6400		3,927,097	3,901,786
BP7489	GNMA II	3.000	53.6400		5,716,791	5,223,826
BP7490	GNMA II	3.000	53.6400		5,205,605	5,172,877
BP7611	GNMA II	3.000	59.7771		4,867,043	4,574,235
BP7612	GNMA II	3.000	57.4714		5,798,572	5,760,515
BP7613	GNMA II	3.000	55.4897		3,903,197	3,878,338
BP7614	GNMA II	3.000	55.4897		3,266,064	3,051,300
BP7615	GNMA II	3.000	55.4897		4,927,016	4,895,859
BP7616	GNMA II	3.000	53.6400		3,494,434	3,472,569
BP7617	GNMA II	3.000	53.6400		3,654,935	3,632,258
Subtotal					119,121,483	116,275,074

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



MBS Participation Interest (86.2495%) 102,741,684 100,286,670

**2019 EFGH, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1902	GNMA II	4.500	\$ 452,667	\$ 160,703
BM2412	GNMA II	4.000	721,899	717,498
BM2415	GNMA II	4.000	590,441	586,694
BM2416	GNMA II	4.000	677,719	673,776
BP7491	GNMA II	3.500	3,130,718	3,111,679
BP7494	GNMA II	3.500	5,088,851	5,058,112
BP7618	GNMA II	3.500	6,022,494	5,986,053
BP7765	GNMA II	3.500	4,652,140	4,439,822
BP7893	GNMA II	3.000	5,508,820	5,470,604
BP7894	GNMA II	3.000	4,313,430	4,285,099
BP7895	GNMA II	3.000	5,138,194	4,966,899
BP7897	GNMA II	3.000	5,134,485	5,101,803
BP7898	GNMA II	3.500	2,890,030	2,872,012
Subtotal			44,321,888	43,430,756
MBS Participation Interest (36.9565%)			16,379,819	16,050,487
2019 EFGH Total			\$ 199,580,174	\$ 192,853,557

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA4553	FHLMC	3.000 %	\$ 633,422	\$ 629,236
QA4556	FHLMC	3.500	107,459	106,852
QA5422	FHLMC	4.000	131,301	130,591
BO6578	FNMA	3.500	495,306	492,457
BO6581	FNMA	4.000	684,198	680,571
BO7188	FNMA	3.500	188,617	187,601
BO7190	FNMA	4.500	766,677	762,984
BO7192	FNMA	3.500	630,385	626,913
BO7194	FNMA	4.500	188,180	187,253
BO7195	FNMA	4.000	270,285	268,950
BO7197	FNMA	4.000	123,106	122,295
BO7199	FNMA	3.500	755,886	751,923
BO7200	FNMA	4.500	188,276	187,387
BO8213	FNMA	3.000	136,790	135,871
BO8216	FNMA	3.000	289,469	287,399
BO8219	FNMA	3.500	242,335	241,031
BO8220	FNMA	4.000	704,363	700,257
BO8221	FNMA	4.500	247,421	246,204
BO8225	FNMA	3.500	354,427	352,393

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BO9956	FNMA	3.000 %	\$ 464,246	\$ 461,544
BO9958	FNMA	3.500	353,367	351,107
BO9959	FNMA	4.000	648,706	642,991
BP0746	FNMA	4.000	227,468	226,286
BP0834	FNMA	4.000	191,778	190,759
BM2409	GNMA II	3.500	556,972	553,591
BP7180	GNMA II	3.500	553,495	550,009
BP7181	GNMA II	3.500	572,191	568,594
BP7496	GNMA II	3.000	636,289	632,194
BP7497	GNMA II	3.000	497,257	494,069
BP7499	GNMA II	3.500	858,793	853,157
BP7621	GNMA II	3.000	687,393	682,838
BP7756	GNMA II	2.500	276,590	274,612
BP7757	GNMA II	3.000	2,215,262	2,200,240
BP7758	GNMA II	3.000	5,362,018	5,325,099
BP7760	GNMA II	3.000	4,835,832	4,803,811
BP7761	GNMA II	3.000	3,755,922	3,731,443
BP7763	GNMA II	3.000	4,437,125	4,409,278
BP7890	GNMA II	2.500	161,721	160,541
Subtotal			34,430,329	34,210,332

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7179	GNMA II	3.500 %	\$ 501,954	\$ 498,798
BP7183	GNMA II	3.500	501,410	498,370
BP7762	GNMA II	3.000	3,707,053	3,683,775
BP7764	GNMA II	3.000	4,717,510	4,390,265
BP7891	GNMA II	3.000	5,185,709	5,150,731
BP7892	GNMA II	3.000	5,222,881	5,055,644
BP7896	GNMA II	3.000	5,006,649	4,974,710
Subtotal			24,843,167	24,252,294
MBS Participation Interest (63.0435%)			15,662,002	15,289,495

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through				Principal Amount At	Principal Amount
		Interest Rate	Interest Participation			Acquisition	Outstanding
Q63201	FHLMC	4.500	%	71.8526	%	\$ 1,161,915	\$ 870,048
BI6680	GNMA II	5.000		73.4204		564,113	561,295
BI6811	GNMA II	4.500		71.2276		3,992,543	3,360,713
BI6812	GNMA II	4.500		71.7116		3,942,559	3,379,411
BI6813	GNMA II	5.000		73.3502		2,007,030	1,773,177
BI6815	GNMA II	4.500		71.7513		371,852	369,708
BI6816	GNMA II	4.500		71.7513		535,275	532,099
BI6817	GNMA II	4.500		72.4402		417,200	414,977
BI6818	GNMA II	4.500		72.4402		205,661	204,617
BI6917	GNMA II	4.500		70.8656		2,858,595	2,700,226
BM1599	GNMA II	4.500		71.0744		4,661,002	4,634,822
BM1603	GNMA II	4.500		70.2645		369,314	367,333
BM1808	GNMA II	4.500		70.9255		3,373,143	3,355,298
Subtotal						24,460,202	22,523,724
MBS Participation Interest (37.5381%)						9,181,895	8,454,978

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1902	GNMA II	4.500	\$ 452,667	\$ 160,703
BM2412	GNMA II	4.000	721,899	717,498
BM2415	GNMA II	4.000	590,441	586,694
BM2416	GNMA II	4.000	677,719	673,776
BP7491	GNMA II	3.500	3,130,718	3,111,679
BP7494	GNMA II	3.500	5,088,851	5,058,112
BP7618	GNMA II	3.500	6,022,494	5,986,053
BP7765	GNMA II	3.500	4,652,140	4,439,822
BP7893	GNMA II	3.000	5,508,820	5,470,604
BP7894	GNMA II	3.000	4,313,430	4,285,099
BP7895	GNMA II	3.000	5,138,194	4,966,899
BP7897	GNMA II	3.000	5,134,485	5,101,803
BP7898	GNMA II	3.500	2,890,030	2,872,012
Subtotal			44,321,888	43,430,756
MBS Participation Interest (63.0435%)			27,942,070	27,380,269

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition		Outstanding
BO3438	FNMA	4.000	% 55.7718	%	\$ 5,664,748	\$ 5,447,220
BO4853	FNMA	4.000	54.8789		6,876,128	6,830,742
BO5818	FNMA	3.500	46.3600		2,332,658	2,319,046
BO5819	FNMA	3.500	46.3600		4,389,795	4,363,558
BO5820	FNMA	3.500	49.7125		6,412,610	6,375,534
BO6570	FNMA	3.500	51.2364		4,778,189	4,747,538
BO6573	FNMA	3.500	53.1556		4,103,832	4,080,130
BP7170	GNMA II	3.500	52.6706		5,227,704	5,193,193
BP7171	GNMA II	3.500	54.0229		6,595,450	6,553,447
BP7175	GNMA II	3.500	54.0229		5,206,743	5,175,338
BP7176	GNMA II	3.500	51.8088		3,997,499	3,686,107
BP7177	GNMA II	4.000	54.0229		4,343,608	4,077,888
BP7485	GNMA II	3.000	42.5286		5,057,993	4,548,210
BP7486	GNMA II	3.000	44.5103		4,400,764	4,372,958
BP7487	GNMA II	3.000	44.5103		4,973,008	4,940,602
BP7488	GNMA II	3.000	46.3600		3,927,097	3,901,786
BP7489	GNMA II	3.000	46.3600		5,716,791	5,223,826
BP7490	GNMA II	3.000	46.3600		5,205,605	5,172,877

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through				Principal Amount At	Principal Amount
		Interest Rate	Interest Participation			Acquisition	Outstanding
BP7611	GNMA II	3.000	%	40.2229	%	\$ 4,867,043	\$ 4,574,235
BP7612	GNMA II	3.000		42.5286		5,798,572	5,760,515
BP7613	GNMA II	3.000		44.5103		3,903,197	3,878,338
BP7614	GNMA II	3.000		44.5103		3,266,064	3,051,300
BP7615	GNMA II	3.000		44.5103		4,927,016	4,895,859
BP7616	GNMA II	3.000		46.3600		3,494,434	3,472,569
BP7617	GNMA II	3.000		46.3600		3,654,935	3,632,258
Subtotal						119,121,483	116,275,074
MBS Participation Interest (13.7505%)						16,379,800	15,988,404

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**2020 ABC, continued**

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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BO9957	FNMA	3.500 %	\$ 4,503,362	\$ 4,473,688
Subtotal			4,503,362	4,473,688
MBS Participation Interest (63.25%)			2,848,376	2,829,608

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA7125	FHLMC	3.500 %	\$ 440,286	\$ 439,654
BN8532	FNMA	5.000	417,062	416,583
BO7198	FNMA	3.500	403,835	403,114
BP2646	FNMA	3.000	3,370,424	3,364,810
BP2649	FNMA	3.000	373,213	372,571
BP7905	GNMA II	3.500	598,031	597,113
BT3746	GNMA II	3.000	4,639,013	4,631,243
Subtotal			10,241,864	10,225,089
MBS Participation Interest (16.0775%)			1,646,636	1,643,939

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition		Outstanding
QA5417	FHLMC	3.000	% 32.0612	%	\$ 4,963,964	\$ 4,932,396
QA5421	FHLMC	3.500	29.5785		1,792,071	1,781,033
QA6206	FHLMC	3.000	31.8732		3,016,809	2,998,862
QA6207	FHLMC	3.000	31.6621		5,416,920	5,157,648
QA6255	FHLMC	3.500	29.3678		2,592,170	2,575,291
QA6257	FHLMC	3.000	31.8817		558,144	555,578
QA7122	FHLMC	3.000	31.7800		5,970,011	5,931,606
QA7123	FHLMC	3.500	28.9833		2,382,287	2,367,905
BO7193	FNMA	4.000	24.5546		1,436,109	1,428,764
BO7196	FNMA	3.500	26.2992		1,754,125	1,743,846
BO8214	FNMA	3.000	32.9810		5,099,585	5,066,456
BO8215	FNMA	3.000	31.6286		4,881,636	4,851,705
BO8217	FNMA	3.500	29.8891		2,190,509	2,176,628
BO8218	FNMA	3.500	28.4184		3,141,809	3,122,392
BO8222	FNMA	3.000	32.8181		510,984	508,579
BO9953	FNMA	3.000	32.9810		4,070,385	4,043,984
BO9954	FNMA	3.000	31.8817		4,769,335	4,738,544
BO9955	FNMA	3.000	31.3796		4,740,078	4,710,487
BP0831	FNMA	3.000	31.9498		5,799,743	5,763,109
BP0832	FNMA	3.000	31.7715		5,734,052	5,698,476
BP0833	FNMA	3.500	29.0750		5,294,620	5,263,406

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount Outstanding
		Interest Rate	Interest Participation	Acquisition		
BP7759	GNMA II	3.000 %	35.4241 %	\$	5,657,679	\$ 5,620,291
BP8039	GNMA II	2.500	43.4750		222,337	221,130
BP8040	GNMA II	3.000	36.7865		3,585,367	3,566,772
BP8041	GNMA II	3.000	35.4241		4,342,704	4,321,436
BP8042	GNMA II	3.000	35.4241		4,200,423	4,178,650
BP8043	GNMA II	3.000	35.4241		3,828,264	3,809,395
BP8044	GNMA II	3.000	35.4241		2,831,386	2,526,183
BP8045	GNMA II	3.000	34.1589		3,858,728	3,839,516
BP8046	GNMA II	3.000	33.1273		4,045,499	4,026,522
BP8047	GNMA II	3.000	32.9810		4,070,190	4,050,036
BP8048	GNMA II	3.000	32.9810		3,789,660	3,770,205
BP8049	GNMA II	3.000	32.9810		4,607,526	4,585,088
BP8050	GNMA II	3.500	31.8817		1,064,143	1,059,087
Subtotal					122,219,250	120,991,007
MBS Participation Interest (81.5217%)					99,635,210	98,633,926

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 ABC, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA9595	FHLMC	3.000 %	\$ 4,903,044	\$ 4,903,044
QA9597	FHLMC	3.500	227,282.03	227,282
BO5830	FNMA	4.000	235,817.45	235,817
BO7204	FNMA	4.000	505,649.37	505,649
BP5073	FNMA	3.000	4,466,349.66	4,466,350
BP5074	FNMA	3.000	3,642,878.81	3,642,879
BP5075	FNMA	3.500	4,211,437.69	4,211,438
BP5076	FNMA	4.000	304,797.34	304,797
BP5077	FNMA	3.500	836,148.78	836,149
BT3754	GNMA II	3.000	630,154.64	630,155
BT3755	GNMA II	3.000	547,221.00	547,221
BT4005	GNMA II	2.750	3,701,430.53	3,701,431
BT4006	GNMA II	2.875	1,614,658.24	1,614,658
BT4007	GNMA II	3.000	4,109,944.07	4,109,944
BT4008	GNMA II	3.125	4,554,961.71	4,554,962
BT4009	GNMA II	3.125	5,191,723.96	5,191,724
BT4010	GNMA II	3.250	1,757,706.51	1,757,707
BT4011	GNMA II	3.375	3,272,882.19	3,272,882
Subtotal			<u>44,714,087</u>	<u>44,714,087</u>
MBS Participation Interest (50.00%)			22,357,044	22,357,044
2020 ABC Total			<u><u>\$ 230,083,361</u></u>	<u><u>\$ 226,787,994</u></u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 DE**

Pool Number	Pool Type	Pass-Through		Principal Amount At	Principal Amount
		Interest Rate		Acquisition	Outstanding
QA7126	FHLMC	4.000	%	\$ 173,468	\$ 173,468
QA8096	FHLMC	3.000		168,718	168,718
QA8946	FHLMC	3.000		622,514	622,514
QA8947	FHLMC	3.500		512,920	512,920
QA9596	FHLMC	3.500		2,024,808	2,024,808
QA9599	FHLMC	3.500		417,296	417,296
QB0466	FHLMC	3.000		3,624,002	3,624,002
QB0467	FHLMC	3.500		1,495,747	1,495,747
QB0468	FHLMC	3.000		256,654	256,654
QB0469	FHLMC	3.500		626,704	626,704
BO7203	FNMA	3.500		208,243	208,243
BO7205	FNMA	3.500		421,565	421,565
BO8224	FNMA	3.000		443,371	443,371
BO9961	FNMA	3.000		276,769	276,769
BP2651	FNMA	3.000		245,480	245,480
BP2652	FNMA	3.500		424,730	424,730
BP2653	FNMA	3.500		416,185	416,185
BP5079	FNMA	3.000		519,646	519,646
BP5080	FNMA	3.500		366,560	366,560
BP6132	FNMA	3.000		3,225,985	3,225,985
BP6133	FNMA	3.000		4,316,000	4,316,000
BP6134	FNMA	3.000		2,970,343	2,970,343
BP6135	FNMA	3.500		3,061,140	3,061,140
BP6136	FNMA	3.500		3,360,820	3,360,820
BP6137	FNMA	3.000		685,318	685,318
BP6138	FNMA	3.500		396,521	396,521
BM2411	GNMA II	4.000		544,979	544,979
BP7498	GNMA II	3.500		673,693	673,693
BP7500	GNMA II	3.500		668,089	668,089
BP7501	GNMA II	3.500		933,011	933,011

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 DE, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BP7622	GNMA II	3.000	546,041	546,041
BP7903	GNMA II	3.000	765,583	765,583
BP8052	GNMA II	3.000	655,964	655,964
BP8054	GNMA II	3.000	741,798	741,798
BP8057	GNMA II	3.000	570,324	570,324
BP8096	GNMA II	3.000	417,184	417,184
BT3752	GNMA II	2.500	415,881	415,881
BT3757	GNMA II	3.000	767,318	767,318
BT4012	GNMA II	3.500	3,237,850	3,237,850
BT4013	GNMA II	3.625	1,763,180	1,763,180
BT4014	GNMA II	2.500	507,989	507,989
BT4130	GNMA II	2.750	996,780	996,780
BT4131	GNMA II	2.875	645,930	645,930
BT4132	GNMA II	3.000	418,521	418,521
BT4133	GNMA II	3.125	5,113,304	5,113,304
BT4134	GNMA II	3.125	3,937,585	3,937,585
BT4135	GNMA II	3.125	4,807,595	4,807,595
BT4136	GNMA II	3.250	5,145,902	5,145,902
BT4137	GNMA II	3.375	5,831,898	5,831,898
BT4138	GNMA II	3.500	4,929,350	4,929,350
BT4264	GNMA II	3.500	4,277,825	4,277,825
Subtotal			80,575,081	\$ 80,575,081

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of June 30, 2020**



**2020 DE, continued**

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
QA9595	FHLMC	3.000 %	\$ 4,903,044	\$ 4,903,044
QA9597	FHLMC	3.500	227,282.03	227,282
BO5830	FNMA	4.000	235,817.45	235,817
BO7204	FNMA	4.000	505,649.37	505,649
BP5073	FNMA	3.000	4,466,349.66	4,466,350
BP5074	FNMA	3.000	3,642,878.81	3,642,879
BP5075	FNMA	3.500	4,211,437.69	4,211,438
BP5076	FNMA	4.000	304,797.34	304,797
BP5077	FNMA	3.500	836,148.78	836,149
BT3754	GNMA II	3.000	630,154.64	630,155
BT3755	GNMA II	3.000	547,221.00	547,221
BT4005	GNMA II	2.750	3,701,430.53	3,701,431
BT4006	GNMA II	2.875	1,614,658.24	1,614,658
BT4007	GNMA II	3.000	4,109,944.07	4,109,944
BT4008	GNMA II	3.125	4,554,961.71	4,554,962
BT4009	GNMA II	3.125	5,191,723.96	5,191,724
BT4010	GNMA II	3.250	1,757,706.51	1,757,707
BT4011	GNMA II	3.375	3,272,882.19	3,272,882
Subtotal			44,714,087	44,714,087
MBS Participation Interest (50.00%)			22,357,044	22,357,044

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 DE, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition	Outstanding	
QA5417	FHLMC	3.000	% 67.9388	%	\$ 4,963,964	\$ 4,932,396
QA5421	FHLMC	3.500	70.4215		1,792,071	1,781,033
QA6206	FHLMC	3.000	68.1268		3,016,809	2,998,862
QA6207	FHLMC	3.000	68.3379		5,416,920	5,157,648
QA6255	FHLMC	3.500	70.6322		2,592,170	2,575,291
QA6257	FHLMC	3.000	68.1183		558,144	555,578
QA7122	FHLMC	3.000	68.2200		5,970,011	5,931,606
QA7123	FHLMC	3.500	71.0167		2,382,287	2,367,905
BO7193	FNMA	4.000	75.4454		1,436,109	1,428,764
BO7196	FNMA	3.500	73.7008		1,754,125	1,743,846
BO8214	FNMA	3.000	67.0190		5,099,585	5,066,456
BO8215	FNMA	3.000	68.3714		4,881,636	4,851,705
BO8217	FNMA	3.500	70.1109		2,190,509	2,176,628
BO8218	FNMA	3.500	71.5816		3,141,809	3,122,392
BO8222	FNMA	3.000	67.1819		510,984	508,579
BO9953	FNMA	3.000	67.0190		4,070,385	4,043,984
BO9954	FNMA	3.000	68.1183		4,769,335	4,738,544
BO9955	FNMA	3.000	68.6204		4,740,078	4,710,487
BP0831	FNMA	3.000	68.0502		5,799,743	5,763,109
BP0832	FNMA	3.000	68.2285		5,734,052	5,698,476
BP0833	FNMA	3.500	70.9250		5,294,620	5,263,406

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of June 30, 2020**



**2020 DE, continued**

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

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition	Outstanding	
BP7759	GNMA II	3.000 %	64.5759 %	\$ 5,657,679	\$ 5,620,291	
BP8039	GNMA II	2.500	56.5250	222,337	221,130	
BP8040	GNMA II	3.000	63.2135	3,585,367	3,566,772	
BP8041	GNMA II	3.000	64.5759	4,342,704	4,321,436	
BP8042	GNMA II	3.000	64.5759	4,200,423	4,178,650	
BP8043	GNMA II	3.000	64.5759	3,828,264	3,809,395	
BP8044	GNMA II	3.000	64.5759	2,831,386	2,526,183	
BP8045	GNMA II	3.000	65.8411	3,858,728	3,839,516	
BP8046	GNMA II	3.000	66.8727	4,045,499	4,026,522	
BP8047	GNMA II	3.000	67.0190	4,070,190	4,050,036	
BP8048	GNMA II	3.000	67.0190	3,789,660	3,770,205	
BP8049	GNMA II	3.000	67.0190	4,607,526	4,585,088	
BP8050	GNMA II	3.500	68.1183	1,064,143	1,059,087	
Subtotal					122,219,250	120,991,007
MBS Participation Interest (18.4783%)					22,584,040	22,357,081
2020 DE Total					\$ 125,516,164	\$ 125,289,206

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgage Insurance  
Information as of June 30, 2020**



Series	FHA	VA	Rural Development	MGIC	Genworth	Other Private Mortgage Insurers*	Uninsured	Total
Retired	\$ 1,521,890	\$ 24,600	\$ 316,894	\$ -	\$ -	\$ -	\$ 223,460	\$ 2,086,844
06LMN	42,554	-	-	-	-	-	421,007	463,561
07M	912,392	87,921	1,281,421	1,159,268	898,746	416,579	2,608,928	7,365,255
07M-40 Year	-	-	-	1,750,352	297,079	718,035	304,723	3,070,189
12ABCD	12,740,846	484,846	5,929,103	80,905	-	-	5,678,797	24,914,497
13ABC	4,467,243	132,320	3,184,373	227,878	86,609	228,035	4,739,750	13,066,208
14A	2,374,385	189,075	983,171	9,950	42,494	42,663	1,320,165	4,961,903
14B	3,506,603	103,578	1,087,159	101,024	17,140	30,376	1,030,629	5,876,509
14CDE	14,660,055	944,070	13,512,540	3,476,741	178,786	1,395,353	26,522,765	60,690,310
15ABCD	3,999,054	175,405	3,244,894	904,334	502,294	550,854	10,294,205	19,671,040
15ABCD-40 Year	-	-	-	122,701	-	868,994	173,059	1,164,754
15EFG	6,719,729	341,872	9,487,324	1,921,505	418,267	1,034,184	17,300,083	37,222,964
15EFG-40 Year	-	-	-	2,480,703	728,340	2,032,360	1,376,927	6,618,330
16ABC	1,865,033	325,116	4,014,858	1,931,860	1,776,395	1,296,302	12,085,032	23,294,596
16ABC-40 Year	-	-	-	4,498,572	1,471,932	2,579,463	1,835,980	10,385,947
16DEF	3,086,176	303,084	2,405,708	1,781,215	1,395,355	620,570	4,152,649	13,744,757
16DEF-40 Year	-	-	-	2,607,226	442,512	1,069,544	453,900	4,573,182
17ABC	10,927,192	149,091	5,383,521	1,599,403	762,013	812,408	6,771,525	26,405,153
17ABC-40 Year	-	-	-	3,130,054	1,543,132	1,538,300	2,263,974	8,475,460
17DEF	6,369,184	-	3,474,616	-	35,826	189,810	3,953,435	14,022,871
17DEF-40 Year	-	-	-	2,035,263	297,944	785,556	1,301,762	4,420,525
18ABCD	5,936,806	111,396	3,726,909	-	12,564	-	4,196,310	13,983,985
19ABCD	18,212,649	248,200	3,066,112	102,036	23,800	60,522	3,684,445	25,397,764
<b>Total Bond Financed</b>	<b>\$ 97,341,791</b>	<b>\$ 3,620,574</b>	<b>\$ 61,098,603</b>	<b>\$ 29,920,990</b>	<b>\$ 10,931,228</b>	<b>\$ 16,269,908</b>	<b>\$ 112,693,510</b>	<b>\$ 331,876,604</b>
	29.33%	1.09%	18.41%	9.02%	3.29%	4.90%	33.96%	100.00%

Republic 2.487%, United 1.169%, PMI 0.673%, Radian Guarantee Fund 0.314%, Commonwealth 0.162%, Triad 0.097%, Amerin 0.000%

**Residential Housing Finance Bond Resolution**  
**Whole Loan Mortgages Delinquency and Foreclosure Statistics**  
**Information as of June 30, 2020**



**Payments Past Due as a Percentage of the Number of Loans Outstanding**

Bond Financed:	Number of Loans	Balance Outstanding	30-59 Days		60-89 Days		90-119 Days		120 Days and Greater and Foreclosures <sup>(1)</sup>		Total <sup>(2)</sup>
			#	%	#	%	#	%	#	%	%
Retired	45.0	\$2,086,844	6.0	13.33	1.0	2.22	2.0	4.44	3.0	6.67	13.33
06LMN	5.0	463,561	-	-	-	-	-	-	1.0	20.00	20.00
07M	84.1	7,365,255	1.8	2.14	2.0	2.38	1.6	1.90	4.0	4.76	9.04
07M-40 Yr	21.8	3,070,189	0.4	1.83	0.4	1.83	1.2	5.50	0.8	3.67	11.01
12ABCD	544.5	24,914,497	18.0	3.31	10.0	1.84	7.0	1.29	11.0	2.02	5.14
13ABC	283.5	13,066,208	8.0	2.82	5.0	1.76	3.0	1.06	7.0	2.47	5.29
14A	184.0	4,961,903	2.0	1.09	2.0	1.09	-	-	1.0	0.54	1.63
14B	206.0	5,876,509	4.0	1.94	-	-	1.0	0.49	6.0	2.91	3.40
14CDE	781.5	60,690,310	25.5	3.26	15.5	1.98	15.0	1.92	19.0	2.43	6.33
15ABCD	232.0	19,671,040	5.0	2.16	3.0	1.29	11.0	4.74	7.0	3.02	9.05
15ABCD-40 Year	8.0	1,164,754	-	-	-	-	-	-	-	-	-
15EFG	491.5	37,222,964	16.0	3.26	14.5	2.95	6.5	1.32	14.0	2.85	7.12
15EFG-40 Year	46.0	6,618,330	1.0	2.17	1.0	2.17	2.0	4.35	3.0	6.52	13.04
16ABC	273.5	23,294,596	13.0	4.75	7.5	2.74	2.5	0.91	11.5	4.20	7.86
16ABC-40 Year	75.0	10,385,947	3.0	4.00	5.0	6.67	2.0	2.67	2.0	2.67	12.00
16DEF	234.9	13,744,757	5.7	2.43	7.0	2.98	3.4	1.45	8.0	3.41	7.83
16DEF-40 Year	32.2	4,573,182	0.6	1.86	0.6	1.86	1.8	5.59	1.2	3.73	11.18
17ABC	341.5	26,405,153	15.5	4.54	3.5	1.02	8.0	2.34	11.0	3.22	6.59
17ABC-40 Year	73.0	8,475,460	2.0	2.74	2.0	2.74	2.0	2.74	2.0	2.74	8.22
17DEF	169.0	14,022,871	8.0	4.73	3.0	1.78	4.0	2.37	7.0	4.14	8.28
17DEF-40 Year	36.0	4,420,525	-	-	-	-	1.0	2.78	-	-	2.78
18ABCD	252.5	13,983,985	11.0	4.36	3.0	1.19	4.0	1.58	5.0	1.98	4.75
19ABCD	485.5	25,397,764	24.5	5.05	10.0	2.06	13.0	2.68	18.5	3.81	8.55
<b>Total Bond Financed</b>	<b>4,906.0</b>	<b>\$ 331,876,604</b>	<b>171.0</b>	<b>3.49</b>	<b>96.0</b>	<b>1.96</b>	<b>92.0</b>	<b>1.88</b>	<b>143.0</b>	<b>2.91</b>	<b>6.75</b>

All Loans are serviced by US Bank Home Mortgage.

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

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

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

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

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages Delinquency and Foreclosure Statistics  
Information as of June 30, 2020**



continued from page G-1.

<b>Comparative 60+ Day Delinquency Statistics<sup>(1)</sup></b>	<b>At 3/31/20</b>	<b>At 6/30/20</b>
Residential Housing Finance Bond Resolution Loan Portfolio	3.73%	5.82%
Mortgage Bankers Association of America, Minnesota <sup>(2)</sup>	1.02%	4.96%
Mortgage Bankers Association of America, National <sup>(2)</sup>	1.68%	6.45%
<b>Comparative Foreclosure Statistics<sup>(3)</sup></b>	<b>At 3/31/20</b>	<b>At 6/30/20</b>
Residential Housing Finance Bond Resolution Loan Portfolio	1.21%	0.99%
Mortgage Bankers Association of America, Minnesota <sup>(2)</sup>	0.28%	0.21%
Mortgage Bankers Association of America, National <sup>(2)</sup>	0.71%	0.62%

(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 3/31/20 Mortgage Bankers Association of America average 60+ days delinquency rate is 0.73% Minnesota and 1.31% national. The unadjusted 3/31/20 Mortgage Bankers Association of America foreclosure rate is 0.21% Minnesota and 0.58% national. The unadjusted 6/30/20 Mortgage Bankers Association of America average 60+ days delinquency rate is 3.51% Minnesota and 5.22% national. The unadjusted 6/30/20 Mortgage Bankers Association of America foreclosure rate is 0.16% Minnesota and 0.55% national. None of the delinquency and foreclosure rates presented are seasonally adjusted. Reprinted by permission of the Mortgage Bankers Association. For more information, contact the Mortgage Bankers Association, 1331 L Street NW, Washington D.C. 20005, (202) 557-2700 <http://www.mortgagebankers.org>

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

**Residential Housing Finance Bond Resolution**  
**Whole Loan Mortgages Delinquency and Foreclosure Statistics**  
**Information as of June 30, 2020**



CARES Act Forbearances						
Bond Financed	No. of Loans	Loan Balance	Average Balance	Monthly Payment Amount Due	Number of Months (monthly payments) Past Due	Average Number of Months (monthly payments) Past Due
Retired	5.0	249,438	49,888	1,549	12.00	2.40
07M	4.2	506,426	120,578	3,295	9.60	2.29
07M-40 Year	3.6	520,430	144,564	2,685	8.80	2.44
12ABCD	18.0	1,081,944	60,108	9,648	54.00	3.00
13ABC	16.0	927,218	57,951	7,284	34.00	2.13
14A	2.0	44,719	22,359	469	0.00	0.00
14B	4.0	153,423	38,356	1,522	3.00	0.75
14CDE	48.5	4,799,899	98,967	31,690	119.50	2.46
15ABCD	20.0	2,067,325	103,366	13,533	43.00	2.15
15ABCD-40 Year	1.0	147,131	147,131	1,124	0.00	0.00
15EFG	26.5	2,499,929	94,337	16,623	52.00	1.96
15EFG-40 year	5.0	713,314	142,663	4,345	14.00	2.80
16ABC	18.5	1,603,200	86,659	9,885	59.50	3.22
16ABC-40 Year	7.0	1,072,224	153,175	5,753	15.00	2.14
16DEF	15.3	1,036,381	67,737	8,626	22.40	1.46
16DEF-40 Year	5.4	780,644	144,564	4,028	13.20	2.44
17ABC	19.0	2,035,565	107,135	13,299	110.00	5.79
17ABC-40 Yr	6.0	707,851	117,975	4,020	10.00	1.67
17DEF	15.0	1,353,960	90,264	9,368	50.00	3.33
17DEF-40 Yr	1.0	108,463	108,463	636	3.00	3.00
18ABCD	12.0	973,187	81,099	8,227	19.00	1.58
19ABCD	32.0	2,479,734	77,492	17,444	92.00	2.88
<b>Total</b>	<b>285.0</b>	<b>25,862,402</b>	<b>90,745</b>	<b>175,055</b>	<b>744.0</b>	<b>2.61</b>

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

**Residential Housing Finance Bond Resolution**  
**Whole Loan Mortgages Real Estate Owned Activity on Uninsured Loans**  
**Information as of June 30, 2020**



Series	Real Estate Owned*				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
12ABC	1.0	44,854	44,854	27,922	27,922
13ABC	2.0	117,900	58,950	(44)	(22)
15ABCD	1.0	126,626	126,626	412	412
17ABC	1.0	98,377	98,377	158	158
Total	5.0	<u>\$ 387,757</u>	\$ 77,551	<u>\$ 28,448</u>	\$ 5,690

\*MHFA holds title - property is not sold.

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages Insurance Claims Activity  
Information as of June 30, 2020**



REO Pending Claims\* PMI

Bond Financed	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	1.0	\$ 17,690	17,690	18,910	18,910
06LMN	1.0	172,402	172,402	(65)	(65)
07M	0.6	49,690	82,817	28,891	48,152
07M-40 Year	0.4	40,068	100,170	44,082	110,205
12ABCD	2.0	79,417	39,709	45,775	22,888
14CDE	3.0	279,757	93,252	98,715	32,905
15ABCD	2.0	116,468	58,234	96,759	48,380
15EFG	1.0	142,715	142,715	(8,259)	(8,259)
15EFG-40 Year	1.0	143,017	143,017	(34,137)	(34,137)
16ABC	1.5	237,571	158,381	223,622	149,081
16ABC-40 Year	2.0	366,710	183,355	206,744	103,372
16DEF	0.9	74,286	82,540	74,525	82,806
16DEF(L)-40 Year	0.6	59,683	99,472	44,262	73,770
<b>Total</b>	<b>17.0</b>	<b>\$ 1,779,474</b>	<b>\$ 104,675</b>	<b>\$ 839,824</b>	<b>\$ 49,401</b>

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

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

**Residential Housing Finance Bond Resolution**  
**Whole Loan Mortgages FHA Mortgage Insurance/VA Guaranty Pending Claims**  
**Information as of June 30, 2020**



Series	FHA/VA Mortgage Insurance/VA Guaranty Pending Claims *				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	2.0	\$ 221,231	\$ 110,616	\$ (2,705)	\$ (1,353)
12ABCD	5.0	368,000	73,600	54,321	10,864
14CDE	2.0	147,627	73,814	(11,284)	(5,642)
15ABCD	2.0	108,985	54,493	49,834	24,917
16ABC	2.0	216,328	108,164	(11,516)	(5,758)
16DEF	1.0	81,268	81,268	277	277
17ABC	3.5	362,322	103,521	105,918	30,262
19ABCD	1.5	169,944	113,296	162,022	108,015
Total	<u>19.0</u>	<u>\$ 1,675,705</u>	\$ 88,195	<u>\$ 346,867</u>	\$ 18,256

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

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

**Residential Housing Finance Bond Resolution**  
**Whole Loan Mortgages Real Estate Owned/Completed Insurance Claims Activity**  
**Cumulative Information as of June 30, 2020**

Series	No. of Prop.	Completed Claims (1)			
		Loan Balance (2)	Average Balance	Gain (Loss)	Average Gain (Loss)
Bond Financed:					
RHFB Retired	3,481.3	\$ 414,982,920	\$ 119,203	\$(80,438,449)	\$ (23,106)
RHFB 06LMN	55.0	6,338,927	115,253	(1,646,353)	(29,934)
RHFB 07M	101.2	12,669,621	125,194	(3,012,607)	(29,769)
RHFB 07M-40 Year	34.4	5,506,959	160,086	(1,518,043)	(44,129)
RHFB 2012ABCD	121.0	8,416,585	69,559	(1,049,468)	(8,673)
RHFB 2013ABC	47.5	3,431,754	72,247	(418,908)	(8,819)
RHFB 2014A	3.0	176,926	58,975	(86)	(29)
RHFB 2014B	5.0	302,517	60,503	(1,396)	(279)
RHFB 2014CDE	82.0	7,892,549	96,251	(1,048,728)	(12,789)
RHFB 2015ABCD	35.5	3,467,512	97,676	(404,015)	(11,381)
RHFB 2015ABCD-40 YR	2.0	356,538	178,269	(55,490)	(27,745)
RHFB 2015EFG	39.5	3,757,331	95,122	(529,121)	(13,395)
RHFB 2015EFG-40 Year	12.0	1,720,950	143,413	(193,078)	(16,090)
RHFB 2016ABC	33.5	3,679,650	109,840	(319,605)	(9,540)
RHFB 2016ABC-40 Year	8.0	1,177,321	147,165	(116,069)	(14,509)
RHFB 2016DEF	11.7	833,476	71,237	(79,934)	(6,832)
RHFB 2016DEF-40 Year	2.4	349,835	145,765	(46,028)	(19,178)
RHFB 2017ABC	12.5	1,077,412	86,193	(97,161)	(7,773)
RHFB 2017ABC-40 Year	3.0	331,720	110,573	(9,843)	(3,281)
RHFB 2017DEF	7.0	654,367	93,481	(42,807)	(6,115)
RHFB 2018ABCD	2.0	98,016	49,008	(5,715)	(2,858)
RHFB 2019ABCD	2.5	272,134	108,854	(39,198)	(15,679)
<b>Total</b>	<b>4,102.0</b>	<b>\$ 477,495,020</b>	<b>\$ 116,405</b>	<b>\$(91,072,102)</b>	<b>\$ (22,202)</b>

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

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

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

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages Prepayment Report  
Information as of June 30, 2020**



Bond Financed	Weighted Average Interest Rate Based on Total Loans Purchased		Total Loan Purchases		Prepayments/REO 12 Months Ended 6/30/2020		Curtailments 12 Months Ended 6/30/2020	Prepayments/ REO Total # to Date	Curtailments and Prepayments/ REO Total To Date
			# of Loans	Amount	# of Loans	Amount			
RHFB Retired	5.88	%	14,004.7	\$ 1,533,438,525	8.5	\$ 505,477	\$ 3,268	13,956.0	\$ 1,196,941,263
RHFB 06LMN	5.77		157.0	20,334,227	-	3,212	0	151.0	14,389,420
RHFB 2007M	5.96		435.3	51,601,162	13.6	1,243,806	28,602	350.6	39,660,322
RHFB 2007M-40 Yr	6.09		87.6	13,786,495	3.2	462,128	6,116	65.6	8,390,381
RHFB 2012ABCD	6.10		1,411.0	96,047,766	66.5	2,867,373	223,596	866.0	52,329,250
RHFB 2013ABC	5.96		641.0	42,482,583	31.0	1,273,201	102,031	355.5	20,235,318
RHFB 2014A	6.13		381.0	15,938,679	26.0	710,181	83,900	197.0	6,407,969
RHFB 2014B	6.13		419.0	15,978,942	21.0	437,052	58,341	213.0	4,958,821
RHFB 2014CDE	5.15		1,554.0	147,424,535	111.0	8,710,566	276,033	767.5	66,756,203
RHFB 2015ABCD	5.56		538.0	52,474,015	41.0	3,397,998	208,339	301.0	26,660,094
RHFB 2015ABCD-40 Yr	5.56		20.0	3,064,439	1.0	161,530	5,838	12.0	1,747,134
RHFB 2015EFG	5.68		886.0	80,106,833	71.0	5,636,152	290,229	393.5	33,449,591
RHFB 2015EFG-40yr	5.47		105.0	15,680,365	8.0	1,051,956	19,887	58.0	8,115,616
RHFB 2016ABC	5.93		567.0	59,751,015	45.5	4,463,723	118,041	290.0	31,071,595
RHFB 2016ABC-40 Yr	5.93		151.0	22,027,528	15.0	1,899,859	25,029	74.0	10,112,048
RHFB 2016DEF	5.68		392.3	27,242,103	32.4	2,100,208	72,504	155.5	10,255,736
RHFB 2016DEF-40 Yr	5.38		55.6	8,084,772	4.8	683,986	7,851	22.8	3,046,132
RHFB 2017ABC	5.82		518.0	45,579,077	39.5	3,010,761	318,846	172.5	15,151,886
RHFB 2017ABC-40 Yr	5.79		102.0	12,928,653	9.0	1,162,063	24,031	29.0	3,778,742
RHFB 2017DEF	5.73		226.0	20,736,955	18.0	1,336,062	84,901	57.0	5,232,714
RHFB 2017DEF-40 Yr	5.54		48.0	5,841,813	5.0	534,581	21,299	12.0	1,156,401
RHFB 2018ABCD	5.17		307.5	19,253,174	28.0	1,342,369	305,904	55.0	3,085,134
RHFB 2019ABCD	5.85		556.0	31,227,433	60.0	3,299,713	214,037	69.0	3,952,629
<b>Total Bond Financed</b>	<b>5.82</b>	<b>%</b>	<b>23,563.0</b>	<b>\$ 2,341,031,089</b>	<b>659.0</b>	<b>\$ 46,293,957</b>	<b>\$ 2,498,623</b>	<b>18,623.5</b>	<b>\$ 1,566,884,399</b>

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

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Prepayment Report  
Information as of June 30, 2020**



Series	Weighted Average Pass- Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 6/30/2020	Curtailments 12 Months Ended 6/30/2020	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
12ABCD	3.516%	\$ 60,697,067	\$ 3,214,359	\$ 89,201	\$ 31,235,516	\$ 761,720	\$ 31,997,236
13ABC	2.633%	42,301,165	2,981,097	84,304	19,613,913	448,923	20,062,836
14A	3.207%	50,003,520	4,480,785	106,526	22,770,982	594,137	23,365,119
14B	3.335%	50,015,523	3,908,883	44,775	24,423,195	336,083	24,759,278
14CDE	3.514%	78,421,289	8,223,869	61,872	36,538,894	416,026	36,954,920
15ABCD	3.271%	64,030,055	7,358,132	58,040	26,219,901	229,701	26,449,602
15EFG	3.537%	74,399,612	9,144,030	94,187	26,663,363	287,952	26,951,315
16ABC	3.423%	74,982,792	8,344,001	54,248	20,074,322	220,053	20,294,375
16DEF	3.083%	100,005,295	11,607,798	101,473	22,130,594	413,566	22,544,160
17ABC	3.721%	60,900,313	7,324,705	69,495	11,982,225	232,666	12,214,891
17DEF	3.559%	120,065,774	12,005,743	110,350	18,606,178	308,525	18,914,703
18ABCD	4.070%	125,038,008	16,740,539	116,113	21,452,836	231,538	21,684,374
18EFGH	4.361%	150,754,397	18,599,694	135,110	20,277,242	212,907	20,490,149
19ABCD	4.521%	159,203,906	15,306,620	303,728	15,656,908	330,922	15,987,830
19EFGH	3.517%	200,401,109	5,246,653	116,404	5,246,653	116,404	5,363,057
20ABC	3.154%	230,317,996	2,142,845	48,748	2,142,845	48,748	2,191,593
20DE	3.207%	125,289,168	-	-	-	-	-
Total		<u>\$ 1,766,826,989</u>	<u>\$ 136,629,753</u>	<u>\$ 1,594,574</u>	<u>\$ 325,035,567</u>	<u>\$ 5,189,871</u>	<u>\$ 330,225,438</u>

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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called	
<b>2006 N</b>	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	
	1/1/2019	-	116,100	3,900	-	120,000	2037	
7/1/2019	-	101,700	3,300	-	105,000	2037		
1/1/2020	-	87,150	2,850	-	90,000	2037		
<b>Total 2006 N</b>		-	14,316,985	618,015	310,000	15,245,000		

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2007 M*</b>	1/1/2008	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000	2038
	7/1/2008	-	405,000	-	-	405,000	2038
	1/1/2009	-	630,000	-	-	630,000	2038
	7/1/2009	-	1,285,000	-	-	1,285,000	2038
	1/1/2010	-	1,695,000	-	-	1,695,000	2038
	7/1/2010	-	2,080,000	-	-	2,080,000	2038
	1/1/2011	-	2,735,000	-	-	2,735,000	2038
	7/1/2011	-	3,705,000	-	-	3,705,000	2038
	1/1/2012	-	2,515,000	-	-	2,515,000	2038
	7/1/2012	-	3,680,000	-	-	3,680,000	2038
	1/1/2013	-	3,330,000	-	-	3,330,000	2038
	7/1/2013	-	3,765,000	-	-	3,765,000	2038
	1/1/2014	-	3,565,000	-	-	3,565,000	2038
	7/1/2014	-	2,705,000	-	-	2,705,000	2038
	1/1/2015	-	1,987,446	-	1,132,554	3,120,000	2038
	7/1/2015	-	1,673,605	-	706,395	2,380,000	2038
	1/1/2016	-	1,567,886	-	752,114	2,320,000	2038
	7/1/2016	-	2,570,000	-	-	2,570,000	2038
	1/1/2017	-	2,550,847	-	514,153	3,065,000	2038
	7/1/2017	-	2,206,750	68,250	-	2,275,000	2038
1/1/2018	-	2,279,500	70,500	-	2,350,000	2038	
7/1/2018	-	1,527,750	47,250	-	1,575,000	2038	
1/1/2019	-	1,391,950	43,050	-	1,435,000	2038	
7/1/2019	-	931,200	28,800	-	960,000	2038	
1/1/2020	-	1,290,100	39,900	-	1,330,000	2038	
<b>Total 2007 M</b>		-	52,107,034	297,750	3,105,216	55,510,000	

\* Prepayments for 2007M include repayments.

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	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
5/1/2018	-	257,050	7,950	-	265,000	2018-2023	
6/1/2018	-	106,700	3,300	-	110,000	2018-2023	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2018	-	229,101	15,899	-	245,000	2019-2023
	10/1/2018	-	58,200	1,800	-	60,000	2019-2023
	11/1/2018	-	130,950	4,050	-	135,000	2019-2023
	12/1/2018	-	189,150	5,850	-	195,000	2019-2023
	1/1/2019	-	664,202	30,798	-	695,000	2019-2023
	7/1/2019	-	110,676	9,324	-	120,000	2020-2023
	11/1/2019	-	29,100	900	-	30,000	2020-2022
	12/1/2019	-	271,600	8,400	-	280,000	2020-2023
	1/1/2020	-	163,568	11,432	-	175,000	2020-2023
	4/1/2020	-	130,950	4,050	-	135,000	2020-2023
	5/1/2020	-	106,700	3,300	-	110,000	2020-2023
	6/1/2020	-	82,450	2,550	-	85,000	2020-2023
<b>Total 2012 A</b>		-	20,116,138	748,862	-	20,865,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	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	
6/1/2018	-	33,950	1,050	-	35,000	2023-2024	
7/1/2018	-	84,159	5,841	-	90,000	2023-2024	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	10/1/2018	-	24,250	750	-	25,000	2023-2024
	11/1/2018	-	48,500	1,500	-	50,000	2023-2024
	12/1/2018	-	67,900	2,100	-	70,000	2023-2024
	1/1/2019	-	267,592	12,408	-	280,000	2023-2024
	7/1/2019	-	50,726	4,274	-	55,000	2023-2024
	11/1/2019	-	14,550	450	-	15,000	2023-2024
	12/1/2019	-	121,250	3,750	-	125,000	2023-2024
	1/1/2020	-	84,121	5,879	-	90,000	2023-2024
	4/1/2020	-	67,900	2,100	-	70,000	2023-2024
	5/1/2020	-	58,200	1,800	-	60,000	2023-2024
	6/1/2020	-	43,650	1,350	-	45,000	2023-2024
<b>Total 2012 B</b>		-	4,788,282	176,718	-	4,965,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	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
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	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	10/1/2018	-	77,600	2,400	-	80,000	2025 & 2029
	11/1/2018	-	164,900	5,100	-	170,000	2025 & 2029
	12/1/2018	-	242,500	7,500	-	250,000	2025 & 2029
	1/1/2019	-	936,573	43,427	-	980,000	2025 & 2029
	6/1/2019	-	4,850	150	-	5,000	2029
	7/1/2019	-	175,237	14,763	-	190,000	2025 & 2029
	11/1/2019	-	43,650	1,350	-	45,000	2025 & 2029
	12/1/2019	-	436,500	13,500	-	450,000	2025 & 2029
	1/1/2020	-	299,095	20,905	-	320,000	2025 & 2029
	4/1/2020	-	237,650	7,350	-	245,000	2025 & 2029
	5/1/2020	-	198,850	6,150	-	205,000	2025 & 2029
	6/1/2020	-	150,350	4,650	-	155,000	2025 & 2029
<b>Total 2012 C</b>		-	16,746,047	643,953	-	17,390,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2012 D</b>	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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2016	-	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
	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
	10/1/2018	-	392,850	12,150	-	405,000	2030 & 2040
	11/1/2018	-	436,500	13,500	-	450,000	2030 & 2040
	12/1/2018	-	480,150	14,850	-	495,000	2030 & 2040
	1/1/2019	-	845,783	39,217	-	885,000	2030 & 2040
	2/1/2019	-	324,950	10,050	-	335,000	2040
	3/1/2019	-	329,800	10,200	-	340,000	2040
	4/1/2019	-	324,950	10,050	-	335,000	2040
	5/1/2019	-	329,800	10,200	-	340,000	2040

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2019	-	324,950	10,050	-	335,000	2040
	7/1/2019	-	405,811	34,189	-	440,000	2040
	8/1/2019	-	300,700	9,300	-	310,000	2040
	9/1/2019	-	305,550	9,450	-	315,000	2040
	10/1/2019	-	305,550	9,450	-	315,000	2040
	11/1/2019	-	324,950	10,050	-	335,000	2040
	12/1/2019	-	538,350	16,650	-	555,000	2040
	1/1/2020	-	453,316	31,684	-	485,000	2040
	2/1/2020	-	276,450	8,550	-	285,000	2040
	3/1/2020	-	281,300	8,700	-	290,000	2040
	4/1/2020	-	407,400	12,600	-	420,000	2030 & 2040
	5/1/2020	-	383,150	11,850	-	395,000	2030 & 2040
	6/1/2020	-	358,900	11,100	-	370,000	2030 & 2040
<b>Total 2012 D</b>		-	48,356,702	1,723,298	-	50,080,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	11/1/2017	-	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
	10/1/2018	-	208,550	6,450	-	215,000	2031
	11/1/2018	-	213,400	6,600	-	220,000	2031
	12/1/2018	-	208,550	6,450	-	215,000	2031
	1/1/2019	-	209,375	10,625	-	220,000	2031
	2/1/2019	-	189,150	5,850	-	195,000	2031
	3/1/2019	-	189,150	5,850	-	195,000	2031
	4/1/2019	-	194,000	6,000	-	200,000	2031
	5/1/2019	-	189,150	5,850	-	195,000	2031
	6/1/2019	-	189,150	5,850	-	195,000	2031
	7/1/2019	-	182,054	17,946	-	200,000	2031
	8/1/2019	-	169,750	5,250	-	175,000	2031
	9/1/2019	-	169,750	5,250	-	175,000	2031
	10/1/2019	-	174,600	5,400	-	180,000	2031
	11/1/2019	-	169,750	5,250	-	175,000	2031
	12/1/2019	-	169,750	5,250	-	175,000	2031
	1/1/2020	-	163,066	16,934	-	180,000	2031
	2/1/2020	-	150,350	4,650	-	155,000	2031
	3/1/2020	-	150,350	4,650	-	155,000	2031
	4/1/2020	-	150,350	4,650	-	155,000	2031
	5/1/2020	-	150,350	4,650	-	155,000	2031
	6/1/2020	-	150,350	4,650	-	155,000	2031
<b>Total 2013 A</b>		-	21,724,239	855,761	-	22,580,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2013 C</b>	12/1/2013	\$ -	\$ 199,105	\$ 5,895	\$ -	\$ 205,000	2020-2023, 2033, 2038 & 2043
	1/1/2014	-	542,649	17,351	-	560,000	2019-2023, 2033, 2038 & 2043
	6/1/2014	-	417,818	12,182	-	430,000	2019-2023, 2033, 2038 & 2043
	7/1/2014	-	358,330	31,670	-	390,000	2019-2023, 2033, 2038 & 2043
	12/1/2014	-	189,077	5,923	-	195,000	2020-2023, 2033, 2038 & 2043
	1/1/2015	-	699,151	45,849	-	745,000	2019-2023, 2033, 2038 & 2043
	6/1/2015	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2015	-	651,370	43,630	-	695,000	2019-2023, 2033, 2038 & 2043
	11/1/2015	-	14,550	450	-	15,000	2023, 2038 & 2043
	12/1/2015	-	654,750	20,250	-	675,000	2019-2023, 2033, 2038 & 2043
	1/1/2016	-	70,773	9,227	-	80,000	2021-2023, 2033, 2038 & 2043
	6/1/2016	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2016	-	1,350,788	69,212	-	1,420,000	2019-2023, 2033, 2038 & 2043
	9/1/2016	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	10/1/2016	-	24,250	750	-	25,000	2023, 2033, 2038 & 2043
	11/1/2016	-	368,600	11,400	-	380,000	2020-2023, 2033, 2038 & 2043
	12/1/2016	-	625,650	19,350	-	645,000	2019-2023, 2033, 2038 & 2043
	1/1/2017	-	345,865	29,135	-	375,000	2020-2023, 2033, 2038 & 2043
	4/1/2017	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	5/1/2017	-	281,300	8,700	-	290,000	2020-2023, 2033, 2038 & 2043
	6/1/2017	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	7/1/2017	-	79,554	10,446	-	90,000	2021-2023, 2033, 2038 & 2043
	1/1/2018	-	587,475	42,525	-	630,000	2019-2023, 2033, 2038 & 2043
	4/1/2018	-	271,600	8,400	-	280,000	2020-2023, 2033, 2038 & 2043
	5/1/2018	-	368,600	11,400	-	380,000	2020-2023, 2033 & 2043
	6/1/2018	-	451,050	13,950	-	465,000	2019-2023, 2033, 2038 & 2043
	7/1/2018	-	105,259	14,741	-	120,000	2020-2023, 2033, 2038 & 2043
	10/1/2018	-	24,250	750	-	25,000	2022-2023, 2033, 2038 & 2043
	11/1/2018	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	12/1/2018	-	300,700	9,300	-	310,000	2020-2023, 2033, 2038 & 2043
	1/1/2019	-	1,479,899	75,101	-	1,555,000	2019-2023, 2033, 2038 & 2043
	4/1/2019	-	48,500	1,500	-	50,000	2022-2023, 2033, 2038 & 2043
	5/1/2019	-	169,750	5,250	-	175,000	2020-2023, 2033, 2038 & 2043
	6/1/2019	-	77,600	2,400	-	80,000	2021-2023, 2033, 2038 & 2043
	7/1/2019	-	327,696	32,304	-	360,000	2020-2023, 2033, 2038 & 2043
	10/1/2019	-	203,700	6,300	-	210,000	2020-2023, 2033, 2038 & 2043
	11/1/2019	-	203,700	6,300	-	210,000	2020-2023, 2033, 2038 & 2043
	12/1/2019	-	315,250	9,750	-	325,000	2020-2023, 2033, 2038 & 2043
	1/1/2020	-	303,484	31,516	-	335,000	2020-2023, 2033, 2038 & 2043
	4/1/2020	-	344,350	10,650	-	355,000	2020-2023, 2033, 2038 & 2043
	5/1/2020	-	494,700	15,300	-	510,000	2020-2023, 2033, 2038 & 2043
<b>Total 2013 C</b>		-	14,027,843	672,157	-	14,700,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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	-	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
	10/1/2018	-	669,300	20,700	-	690,000	2019-2024, 2027 & 2038
	11/1/2018	-	368,600	11,400	-	380,000	2019-2024, 2027 & 2038
	12/1/2018	-	761,450	23,550	-	785,000	2019-2024, 2027 & 2038
	1/1/2019	-	1,442,900	62,100	-	1,505,000	2019-2024, 2027 & 2038
	2/1/2019	-	184,300	5,700	-	190,000	2038
	3/1/2019	-	189,150	5,850	-	195,000	2038
	4/1/2019	-	591,700	18,300	-	610,000	2019-2024, 2027 & 2038
	5/1/2019	-	451,050	13,950	-	465,000	2019-2024, 2027 & 2038
	6/1/2019	-	470,450	14,550	-	485,000	2019-2024, 2027 & 2038
	7/1/2019	-	535,600	29,400	-	565,000	2020-2024, 2027 & 2038
	8/1/2019	-	174,600	5,400	-	180,000	2038
	9/1/2019	-	179,450	5,550	-	185,000	2038
	10/1/2019	-	232,800	7,200	-	240,000	2020-2024, 2027 & 2038
	11/1/2019	-	683,850	21,150	-	705,000	2020-2024, 2027 & 2038
	12/1/2019	-	1,159,150	35,850	-	1,195,000	2020-2024, 2027 & 2038
	1/1/2020	-	990,700	39,300	-	1,030,000	2020-2024, 2027 & 2038
	2/1/2020	-	164,900	5,100	-	170,000	2038
	3/1/2020	-	169,750	5,250	-	175,000	2038
	4/1/2020	-	378,300	11,700	-	390,000	2020-2024, 2027 & 2038
	5/1/2020	-	611,100	18,900	-	630,000	2020-2024, 2027 & 2038
	6/1/2020	-	761,450	23,550	-	785,000	2020-2024, 2027 & 2038
<b>Total 2014 A</b>		-	32,027,400	1,257,600	-	33,285,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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	-	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
	10/1/2018	-	882,700	27,300	-	910,000	2019-2026 & 2038
	11/1/2018	-	1,018,500	31,500	-	1,050,000	2019-2026 & 2038
	12/1/2018	-	1,081,550	33,450	-	1,115,000	2019-2026 & 2038
	1/1/2019	-	1,590,950	64,050	-	1,655,000	2019-2026 & 2038
	2/1/2019	-	189,150	5,850	-	195,000	2038
	3/1/2019	-	189,150	5,850	-	195,000	2038
	4/1/2019	-	514,100	15,900	-	530,000	2019-2026 & 2038
	5/1/2019	-	368,600	11,400	-	380,000	2019-2026 & 2038
	6/1/2019	-	683,850	21,150	-	705,000	2019-2026 & 2038
	7/1/2019	-	514,650	25,350	-	540,000	2020-2026 & 2038
	8/1/2019	-	169,750	5,250	-	175,000	2038
	9/1/2019	-	174,600	5,400	-	180,000	2038
	10/1/2019	-	315,250	9,750	-	325,000	2020-2026 & 2038
	11/1/2019	-	518,950	16,050	-	535,000	2020-2026 & 2038
	12/1/2019	-	1,319,200	40,800	-	1,360,000	2020-2026 & 2038
	1/1/2020	-	684,050	25,950	-	710,000	2020-2026 & 2038
	2/1/2020	-	160,050	4,950	-	165,000	2038
	3/1/2020	-	189,150	5,850	-	195,000	2020-2023 & 2038
	4/1/2020	-	722,650	22,350	-	745,000	2020-2026 & 2038
	5/1/2020	-	771,150	23,850	-	795,000	2020-2026 & 2038
	6/1/2020	-	339,500	10,500	-	350,000	2020-2026 & 2038
<b>Total 2014 B</b>		-	32,942,450	1,277,550	-	34,220,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	11/1/2018	-	863,300	26,700	-	890,000	2045
	12/1/2018	-	1,222,200	37,800	-	1,260,000	2019-2020, 2022-2025 & 2045
	1/1/2019	-	1,823,896	86,104	-	1,910,000	2019-2020, 2022-2025 & 2045
	2/1/2019	-	693,550	21,450	-	715,000	2045
	3/1/2019	-	843,900	26,100	-	870,000	2045
	4/1/2019	-	766,300	23,700	-	790,000	2045
	5/1/2019	-	771,150	23,850	-	795,000	2045
	6/1/2019	-	766,300	23,700	-	790,000	2045
	7/1/2019	-	703,200	91,800	-	795,000	2045
	8/1/2019	-	732,350	22,650	-	755,000	2045
	9/1/2019	-	737,200	22,800	-	760,000	2045
	10/1/2019	-	732,350	22,650	-	755,000	2045
	11/1/2019	-	1,057,300	32,700	-	1,090,000	2020, 2022-2025 & 2045
	12/1/2019	-	1,231,900	38,100	-	1,270,000	2020, 2022-2025 & 2045
	1/1/2020	-	912,923	67,077	-	980,000	2020, 2022-2025 & 2045
	2/1/2020	-	698,400	21,600	-	720,000	2045
	3/1/2020	-	703,250	21,750	-	725,000	2045
	4/1/2020	-	703,250	21,750	-	725,000	2045
	5/1/2020	-	1,028,200	31,800	-	1,060,000	2020, 2022-2025 & 2045
	6/1/2020	-	916,650	28,350	-	945,000	2020, 2022-2025 & 2045
<b>Total 2014 C</b>		-	67,011,204	2,538,796	-	69,550,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2014 D</b>	4/1/2015	\$ -	\$ 58,365	\$ 1,635	\$ -	\$ 60,000	2025-2026
	5/1/2015	-	48,888	1,112	-	50,000	2025-2026
	6/1/2015	-	89,036	964	-	90,000	2025-2026
	7/1/2015	-	59,941	5,059	-	65,000	2025-2026
	11/1/2015	-	213,400	6,600	-	220,000	2025-2026
	12/1/2015	-	77,600	2,400	-	80,000	2025-2026
	1/1/2016	-	79,372	5,628	-	85,000	2025-2026
	4/1/2016	-	24,250	750	-	25,000	2025-2026
	5/1/2016	-	29,100	900	-	30,000	2025-2026
	6/1/2016	-	38,800	1,200	-	40,000	2025
	7/1/2016	-	176,072	8,928	-	185,000	2025-2026
	10/1/2016	-	33,950	1,050	-	35,000	2025-2026
	11/1/2016	-	111,550	3,450	-	115,000	2025-2026
	12/1/2016	-	106,700	3,300	-	110,000	2025-2026
	1/1/2017	-	127,840	7,160	-	135,000	2025-2026
	4/1/2017	-	4,850	150	-	5,000	2025
	5/1/2017	-	82,450	2,550	-	85,000	2025-2026
	6/1/2017	-	29,100	900	-	30,000	2025-2026
	7/1/2017	-	79,870	5,130	-	85,000	2025-2026
	10/1/2017	-	4,850	150	-	5,000	2025
	11/1/2017	-	87,300	2,700	-	90,000	2025-2026
	12/1/2017	-	111,550	3,450	-	115,000	2025-2026
	1/1/2018	-	60,799	4,201	-	65,000	2025-2026
	5/1/2018	-	33,950	1,050	-	35,000	2025-2026
	6/1/2018	-	58,200	1,800	-	60,000	2025-2026
	7/1/2018	-	99,089	5,911	-	105,000	2025-2026
	11/1/2018	-	9,700	300	-	10,000	2025-2026
	12/1/2018	-	77,600	2,400	-	80,000	2025-2026
	1/1/2019	-	210,082	9,918	-	220,000	2025-2026
	11/1/2019	-	72,750	2,250	-	75,000	2025-2026
	12/1/2019	-	116,400	3,600	-	120,000	2025-2026
1/1/2020	-	55,893	4,107	-	60,000	2025-2026	
5/1/2020	-	87,300	2,700	-	90,000	2025-2026	
6/1/2020	-	58,200	1,800	-	60,000	2025-2026	
<b>Total 2014 D</b>		-	2,614,797	105,203	-	2,720,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2014 E</b>	4/1/2015	\$ -	\$ 660,585	\$ 19,415	\$ -	\$ 680,000	2020-2022, 2026 & 2029
	5/1/2015	-	566,795	18,205	-	585,000	2020-2022, 2026, 2029 & 2032
	6/1/2015	-	1,032,245	32,755	-	1,065,000	2020-2022, 2026, 2029 & 2032
	7/1/2015	-	693,939	61,061	-	755,000	2020-2022, 2026, 2029 & 2032
	11/1/2015	-	2,463,800	76,200	-	2,540,000	2020-2022, 2026, 2029 & 2032
	12/1/2015	-	916,650	28,350	-	945,000	2020-2022, 2026, 2029 & 2032
	1/1/2016	-	938,458	66,542	-	1,005,000	2020-2022, 2026, 2029 & 2032
	4/1/2016	-	276,450	8,550	-	285,000	2020-2022, 2026, 2029 & 2032
	5/1/2016	-	363,750	11,250	-	375,000	2020-2022, 2026, 2029 & 2032
	6/1/2016	-	451,050	13,950	-	465,000	2020-2022, 2026, 2029 & 2032
	7/1/2016	-	2,046,245	103,755	-	2,150,000	2020-2022, 2026, 2029 & 2032
	10/1/2016	-	402,550	12,450	-	415,000	2020-2022, 2026, 2029 & 2032
	11/1/2016	-	1,314,350	40,650	-	1,355,000	2020-2022, 2026, 2029 & 2032
	12/1/2016	-	1,241,600	38,400	-	1,280,000	2020-2022, 2026, 2029 & 2032
	1/1/2017	-	1,444,119	80,881	-	1,525,000	2020-2022, 2026, 2029 & 2032
	4/1/2017	-	53,350	1,650	-	55,000	2021-2022, 2026, 2029 & 2032
	5/1/2017	-	955,450	29,550	-	985,000	2020-2022, 2026, 2029 & 2032
	6/1/2017	-	315,250	9,750	-	325,000	2020-2022, 2026, 2029 & 2032
	7/1/2017	-	934,947	60,053	-	995,000	2020-2022, 2026, 2029 & 2032
	10/1/2017	-	82,450	2,550	-	85,000	2020-2022, 2026, 2029 & 2032
	11/1/2017	-	1,008,800	31,200	-	1,040,000	2020-2022, 2026, 2029 & 2032
	12/1/2017	-	1,309,500	40,500	-	1,350,000	2020-2022, 2026, 2029 & 2032
	1/1/2018	-	720,230	49,770	-	770,000	2020-2022, 2026, 2029 & 2032
	5/1/2018	-	373,450	11,550	-	385,000	2020-2022, 2026, 2029 & 2032
	6/1/2018	-	693,550	21,450	-	715,000	2020-2022, 2026, 2029 & 2032
	7/1/2018	-	1,141,880	68,120	-	1,210,000	2020-2022, 2026, 2029 & 2032
	11/1/2018	-	116,400	3,600	-	120,000	2020-2022, 2026, 2029 & 2032
	12/1/2018	-	897,250	27,750	-	925,000	2020-2022, 2026, 2029 & 2032
	1/1/2019	-	2,420,721	114,279	-	2,535,000	2020-2022, 2026, 2029 & 2032
	11/1/2019	-	839,050	25,950	-	865,000	2020-2022, 2026, 2029 & 2032
12/1/2019	-	1,324,050	40,950	-	1,365,000	2020-2022, 2026, 2029 & 2032	
1/1/2020	-	619,484	45,516	-	665,000	2020-2022, 2026, 2029 & 2032	
5/1/2020	-	984,550	30,450	-	1,015,000	2020-2022, 2026, 2029 & 2032	
6/1/2020	-	649,900	20,100	-	670,000	2020-2022, 2026, 2029 & 2032	
<b>Total 2014 E</b>		-	30,252,848	1,247,152	-	31,500,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	5/1/2019	-	465,600	14,400	-	480,000	2041
	6/1/2019	-	465,600	14,400	-	480,000	2041
	7/1/2019	-	456,320	28,680	-	485,000	2041
	8/1/2019	-	446,200	13,800	-	460,000	2041
	9/1/2019	-	446,200	13,800	-	460,000	2041
	10/1/2019	-	446,200	13,800	-	460,000	2041
	11/1/2019	-	446,200	13,800	-	460,000	2041
	12/1/2019	-	446,200	13,800	-	460,000	2041
	1/1/2020	-	439,440	20,560	-	460,000	2041
	2/1/2020	-	421,950	13,050	-	435,000	2041
	3/1/2020	-	426,800	13,200	-	440,000	2041
	4/1/2020	-	426,800	13,200	-	440,000	2041
	5/1/2020	-	426,800	13,200	-	440,000	2041
	6/1/2020	-	426,800	13,200	-	440,000	2041
<b>Total 2015 A</b>		-	25,040,945	919,055	-	25,960,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2015 C</b>	12/1/2015	\$ -	\$ 1,678,100	\$ 51,900	\$ -	\$ 1,730,000	2016-2026 & 2031
	1/1/2016	-	20,862	4,138	-	25,000	2025-2026 & 2031
	5/1/2016	-	281,300	8,700	-	290,000	2016-2026 & 2031
	6/1/2016	-	169,750	5,250	-	175,000	2016-2026 & 2031
	7/1/2016	-	2,245,273	109,727	-	2,355,000	2017-2026 & 2031
	9/1/2016	-	9,700	300	-	10,000	2026 & 2031
	10/1/2016	-	645,050	19,950	-	665,000	2017-2026 & 2031
	11/1/2016	-	620,800	19,200	-	640,000	2017-2026 & 2031
	12/1/2016	-	2,628,700	81,300	-	2,710,000	2017-2026 & 2031
	1/1/2017	-	30,846	4,154	-	35,000	2025-2026 & 2031
	5/1/2017	-	1,261,000	39,000	-	1,300,000	2017-2026 & 2031
	6/1/2017	-	1,348,300	41,700	-	1,390,000	2017-2026 & 2031
	7/1/2017	-	1,285,282	69,718	-	1,355,000	2018-2026 & 2031
	11/1/2017	-	1,498,650	46,350	-	1,545,000	2018-2026 & 2031
	12/1/2017	-	1,915,750	59,250	-	1,975,000	2018-2026 & 2031
	1/1/2018	-	894,028	50,972	-	945,000	2018-2026 & 2031
	6/1/2018	-	514,100	15,900	-	530,000	2018-2026 & 2031
	7/1/2018	-	889,856	50,144	-	940,000	2019-2026 & 2031
	11/1/2018	-	572,300	17,700	-	590,000	2019-2026 & 2031
	12/1/2018	-	1,197,950	37,050	-	1,235,000	2019-2026 & 2031
	1/1/2019	-	2,001,568	88,432	-	2,090,000	2019-2026 & 2031
	6/1/2019	-	19,400	600	-	20,000	2026 & 2031
	7/1/2019	-	522,180	32,820	-	555,000	2020-2026 & 2031
	11/1/2019	-	552,900	17,100	-	570,000	2020-2026 & 2031
	12/1/2019	-	596,550	18,450	-	615,000	2020-2026 & 2031
	1/1/2020	-	1,442,510	67,490	-	1,510,000	2020-2026 & 2031
	3/1/2020	-	29,100	900	-	30,000	2025-2026 & 2031
	4/1/2020	-	717,800	22,200	-	740,000	2020-2026 & 2031
	5/1/2020	-	717,800	22,200	-	740,000	2020-2026 & 2031
	6/1/2020	-	82,450	2,550	-	85,000	2022-2026 & 2031
<b>Total 2015 C</b>		-	26,389,855	1,005,145	-	27,395,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	10/1/2019	-	809,950	25,050	-	835,000	2046
	11/1/2019	-	882,700	27,300	-	910,000	2020-2023 & 2046
	12/1/2019	-	1,062,150	32,850	-	1,095,000	2020-2023 & 2046
	1/1/2019	-	1,073,915	51,085	-	1,125,000	2020-2023 & 2046
	2/1/2020	-	611,100	18,900	-	630,000	2046
	3/1/2020	-	615,950	19,050	-	635,000	2046
	4/1/2020	-	892,400	27,600	-	920,000	2020-2023 & 2046
	5/1/2020	-	1,023,350	31,650	-	1,055,000	2020-2023 & 2046
	6/1/2020	-	839,050	25,950	-	865,000	2020-2023 & 2046
<b>Total 2015 E</b>		-	46,748,329	1,661,671	-	48,410,000	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2015 F</b>							
	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
	11/1/2018	-	518,950	16,050	-	535,000	2023-2026 & 2029
	12/1/2018	-	1,202,800	37,200	-	1,240,000	2023-2026 & 2029
	1/1/2019	-	1,631,099	73,901	-	1,705,000	2023-2026 & 2029
	6/1/2019	-	111,550	3,450	-	115,000	2023-2026 & 2029
	7/1/2019	-	671,884	38,116	-	710,000	2023-2026 & 2029
	11/1/2019	-	572,300	17,700	-	590,000	2023-2026 & 2029
	12/1/2019	-	974,850	30,150	-	1,005,000	2023-2026 & 2029
	1/1/2020	-	1,202,785	57,215	-	1,260,000	2023-2026 & 2029
	3/1/2020	-	9,700	300	-	10,000	2026 & 2029
	4/1/2020	-	751,750	23,250	-	775,000	2023-2026 & 2029
	5/1/2020	-	1,110,650	34,350	-	1,145,000	2023-2026 & 2029
	6/1/2020	-	601,400	18,600	-	620,000	2023-2026 & 2029
<b>Total 2015 F</b>		-	22,082,071	867,929	-	22,950,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2016 A</b>	11/1/2016	\$ -	\$ 2,439,550	\$ 75,450	\$ -	\$ 2,515,000	2017-2026, 2031 & 2033
	12/1/2016	-	480,150	14,850	-	495,000	2017-2026, 2031 & 2033
	1/1/2017	-	759,401	40,599	-	800,000	2017-2026, 2031 & 2033
	2/1/2017	-	1,168,850	36,150	-	1,205,000	2017-2026, 2031 & 2033
	3/1/2017	-	426,800	13,200	-	440,000	2017-2026, 2031 & 2033
	4/1/2017	-	1,071,850	33,150	-	1,105,000	2017-2026, 2031 & 2033
	5/1/2017	-	717,800	22,200	-	740,000	2017-2026, 2031 & 2033
	6/1/2017	-	533,500	16,500	-	550,000	2017-2026, 2031 & 2033
	7/1/2017	-	883,012	41,988	-	925,000	2018-2026, 2031 & 2033
	11/1/2017	-	999,100	30,900	-	1,030,000	2018-2026, 2031 & 2033
	12/1/2017	-	1,067,000	33,000	-	1,100,000	2018-2026, 2031 & 2033
	1/1/2018	-	705,595	44,405	-	750,000	2018-2026, 2031 & 2033
	5/1/2018	-	446,200	13,800	-	460,000	2018-2026, 2031 & 2033
	6/1/2018	-	426,800	13,200	-	440,000	2018-2026, 2031 & 2033
	7/1/2018	-	1,199,038	50,962	-	1,250,000	2019-2026, 2031 & 2033
	11/1/2018	-	669,300	20,700	-	690,000	2019-2026, 2031 & 2033
	12/1/2018	-	1,120,350	34,650	-	1,155,000	2019-2026, 2031 & 2033
	1/1/2019	-	1,507,089	72,911	-	1,580,000	2019-2026, 2031 & 2033
	5/1/2019	-	164,900	5,100	-	170,000	2019-2026, 2031 & 2033
	6/1/2019	-	252,200	7,800	-	260,000	2019-2026, 2031 & 2033
	7/1/2019	-	511,063	28,937	-	540,000	2020-2026, 2031 & 2033
	10/1/2019	-	72,750	2,250	-	75,000	2023-2026, 2031 & 2033
	11/1/2019	-	756,600	23,400	-	780,000	2020-2026, 2031 & 2033
12/1/2019	-	989,400	30,600	-	1,020,000	2020-2026, 2031 & 2033	
1/1/2020	-	1,008,659	51,341	-	1,060,000	2020-2026, 2031 & 2033	
5/1/2020	-	809,950	25,050	-	835,000	2020-2026, 2031 & 2033	
6/1/2020	-	388,000	12,000	-	400,000	2020-2026, 2031 & 2033	
<b>Total 2016 A</b>		-	21,574,907	795,093	-	22,370,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	11/1/2019	-	853,600	26,400	-	880,000	2035, 2037 & 2046
	12/1/2019	-	960,300	29,700	-	990,000	2035, 2037 & 2046
	1/1/2020	-	975,354	49,646	-	1,025,000	2035, 2037 & 2046
	2/1/2020	-	480,150	14,850	-	495,000	2046
	3/1/2020	-	480,150	14,850	-	495,000	2046
	4/1/2020	-	480,150	14,850	-	495,000	2046
	5/1/2020	-	858,450	26,550	-	885,000	2035, 2037 & 2046
	6/1/2020	-	659,600	20,400	-	680,000	2035, 2037 & 2046
<b>Total 2016 B</b>		-	34,190,004	1,189,996	-	35,380,000	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



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

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	12/1/2019	-	67,900	2,100	-	70,000	2020-2026, 2031 & 2037
	1/1/2020	-	114,188	5,812	-	120,000	2020-2026, 2031 & 2037
	2/1/2020	-	227,950	7,050	-	235,000	2021-2026, 2031 & 2037
	3/1/2020	-	87,300	2,700	-	90,000	2023-2026, 2031 & 2037
	4/1/2020	-	87,300	2,700	-	90,000	2021-2026, 2031 & 2037
	5/1/2020	-	121,250	3,750	-	125,000	2021-2026, 2031 & 2037
	6/1/2020	-	48,500	1,500	-	50,000	2022, 2025-2026, 2031 & 2037
<b>Total 2016 C</b>		-	7,220,189	244,811	-	7,465,000	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2016 D</b>	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
	10/1/2018	-	49,591	409	-	50,000	2019-2020
	11/1/2018	-	138,854	1,146	-	140,000	2019-2020
	12/1/2018	-	114,058	942	-	115,000	2019-2020
	1/1/2019	-	118,160	1,840	-	120,000	2019-2020
	7/1/2019	-	54,056	944	-	55,000	2020-2021
	10/1/2019	-	29,754	246	-	30,000	2020
	11/1/2019	-	89,263	737	-	90,000	2020-2021
	12/1/2019	-	119,017	983	-	120,000	2020-2021
	1/1/2020	-	54,257	743	-	55,000	2020-2021
	4/1/2020	-	29,754	246	-	30,000	2020
	5/1/2020	-	34,713	287	-	35,000	2020-2021
<b>Total 2016 D</b>		-	2,096,775	23,225	-	2,120,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2016 E</b>	4/1/2017	\$ -	\$ 1,304,233	\$ 10,767	\$ -	\$ 1,315,000	2021-2027, 2031 & 2047
	5/1/2017	-	247,953	2,047	-	250,000	2047
	6/1/2017	-	724,022	5,978	-	730,000	2021-2027, 2031 & 2047
	7/1/2017	-	1,026,813	18,187	-	1,045,000	2021-2027, 2031 & 2047
	8/1/2017	-	282,666	2,334	-	285,000	2047
	9/1/2017	-	436,398	3,602	-	440,000	2021-2027, 2031 & 2047
	10/1/2017	-	991,812	8,188	-	1,000,000	2021-2027, 2031 & 2047
	11/1/2017	-	600,046	4,954	-	605,000	2021-2027, 2031 & 2047
	12/1/2017	-	882,712	7,288	-	890,000	2021-2027, 2031 & 2047
	1/1/2018	-	921,873	18,127	-	940,000	2021-2027, 2031 & 2047
	2/1/2018	-	357,052	2,948	-	360,000	2047
	3/1/2018	-	357,052	2,948	-	360,000	2047
	4/1/2018	-	357,052	2,948	-	360,000	2047
	5/1/2018	-	570,292	4,708	-	575,000	2021-2027, 2031 & 2047
	6/1/2018	-	887,672	7,328	-	895,000	2021-2027, 2031 & 2047
	7/1/2018	-	906,867	18,133	-	925,000	2021-2027, 2031 & 2047
	8/1/2018	-	426,479	3,521	-	430,000	2047
	9/1/2018	-	431,438	3,562	-	435,000	2047
	10/1/2018	-	728,981	6,019	-	735,000	2021-2027, 2031 & 2047
	11/1/2018	-	1,284,396	10,604	-	1,295,000	2021-2027, 2031 & 2047
	12/1/2018	-	1,150,502	9,498	-	1,160,000	2021-2027, 2031 & 2047
	1/1/2019	-	1,383,463	21,537	-	1,405,000	2021-2027, 2031 & 2047
	2/1/2019	-	481,029	3,971	-	485,000	2047
	3/1/2019	-	485,988	4,012	-	490,000	2047
	4/1/2019	-	485,988	4,012	-	490,000	2047
	5/1/2019	-	485,988	4,012	-	490,000	2047
	6/1/2019	-	485,988	4,012	-	490,000	2047
	7/1/2019	-	1,110,597	19,403	-	1,130,000	2021-2027, 2031 & 2047
	8/1/2019	-	466,152	3,848	-	470,000	2047
	9/1/2019	-	466,152	3,848	-	470,000	2047
	10/1/2019	-	788,491	6,509	-	795,000	2021-2027, 2031 & 2047
	11/1/2019	-	1,572,022	12,978	-	1,585,000	2021-2027, 2031 & 2047
	12/1/2019	-	1,859,648	15,352	-	1,875,000	2021-2027, 2031 & 2047
	1/1/2020	-	1,731,302	23,698	-	1,755,000	2021-2027, 2031 & 2047
	2/1/2020	-	431,438	3,562	-	435,000	2047
	3/1/2020	-	436,397	3,603	-	440,000	2047
	4/1/2020	-	1,140,584	9,416	-	1,150,000	2021-2027, 2031 & 2047
	5/1/2020	-	1,244,724	10,276	-	1,255,000	2021-2027, 2031 & 2047
	6/1/2020	-	436,397	3,603	-	440,000	2047
<b>Total 2016 E</b>		-	30,368,659	311,341	-	30,680,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2017 A</b>	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
	10/1/2018	-	773,107	11,893	-	785,000	2019-2027 & 2030
	11/1/2018	-	886,365	13,635	-	900,000	2019-2027 & 2030
	12/1/2018	-	886,365	13,635	-	900,000	2019-2027 & 2030
	1/1/2019	-	874,545	25,455	-	900,000	2019-2027 & 2030
	5/1/2019	-	349,622	5,378	-	355,000	2019-2027 & 2030
	6/1/2019	-	334,849	5,151	-	340,000	2019-2027 & 2030
	7/1/2019	-	733,751	21,249	-	755,000	2020-2027 & 2030
	10/1/2019	-	610,607	9,393	-	620,000	2020-2027 & 2030
	11/1/2019	-	871,592	13,408	-	885,000	2020-2027 & 2030
	12/1/2019	-	1,019,320	15,680	-	1,035,000	2020-2027 & 2030
	1/1/2020	-	421,645	13,355	-	435,000	2020-2027 & 2030
	4/1/2020	-	369,319	5,681	-	375,000	2020-2027 & 2030
	5/1/2020	-	605,683	9,317	-	615,000	2020-2027 & 2030
	6/1/2020	-	477,652	7,348	-	485,000	2020-2027 & 2030
<b>Total 2017 A</b>		-	16,915,449	309,551	-	17,225,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2017 B</b>	10/1/2017	\$ -	\$ 211,743	\$ 3,257	\$ -	\$ 215,000	2047
	11/1/2017	-	359,470	5,530	-	365,000	2038 & 2047
	12/1/2017	-	172,349	2,651	-	175,000	2038 & 2047
	1/1/2018	-	141,775	3,225	-	145,000	2038 & 2047
	2/1/2018	-	285,606	4,394	-	290,000	2047
	3/1/2018	-	285,606	4,394	-	290,000	2047
	4/1/2018	-	315,152	4,848	-	320,000	2038 & 2047
	5/1/2018	-	310,227	4,773	-	315,000	2038 & 2047
	6/1/2018	-	339,773	5,227	-	345,000	2038 & 2047
	7/1/2018	-	384,183	10,817	-	395,000	2038 & 2047
	8/1/2018	-	325,000	5,000	-	330,000	2047
	9/1/2018	-	325,000	5,000	-	330,000	2047
	10/1/2018	-	393,940	6,060	-	400,000	2038 & 2047
	11/1/2018	-	403,788	6,212	-	410,000	2038 & 2047
	12/1/2018	-	403,788	6,212	-	410,000	2038 & 2047
	1/1/2019	-	403,262	11,738	-	415,000	2038 & 2047
	2/1/2019	-	423,485	6,515	-	430,000	2047
	3/1/2019	-	423,485	6,515	-	430,000	2047
	4/1/2019	-	428,410	6,590	-	435,000	2047
	5/1/2019	-	457,955	7,045	-	465,000	2047
	6/1/2019	-	453,031	6,969	-	460,000	2038 & 2047
	7/1/2019	-	495,646	14,354	-	510,000	2038 & 2047
	8/1/2019	-	453,031	6,969	-	460,000	2047
	9/1/2019	-	457,955	7,045	-	465,000	2047
	10/1/2019	-	517,046	7,954	-	525,000	2038 & 2047
	11/1/2019	-	541,668	8,332	-	550,000	2038 & 2047
	12/1/2019	-	556,440	8,560	-	565,000	2038 & 2047
	1/1/2020	-	494,343	15,657	-	510,000	2038 & 2047
	2/1/2020	-	453,031	6,969	-	460,000	2047
	3/1/2020	-	453,031	6,969	-	460,000	2047
	4/1/2020	-	492,425	7,575	-	500,000	2038 & 2047
	5/1/2020	-	512,122	7,878	-	520,000	2038 & 2047
	6/1/2020	-	502,274	7,726	-	510,000	2038 & 2047
<b>Total 2017 B</b>		-	13,176,040	228,960	-	13,405,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2017 D</b>	6/1/2018	\$ -	\$ 571,785	\$ 3,215	\$ -	\$ 575,000	2018-2028 & 2030
	7/1/2018	-	354,450	5,550	-	360,000	2019-2028 & 2030
	11/1/2018	-	725,919	4,081	-	730,000	2019-2028 & 2030
	12/1/2018	-	497,204	2,796	-	500,000	2019-2028 & 2030
	1/1/2019	-	433,797	6,203	-	440,000	2019-2028 & 2030
	4/1/2019	-	129,273	727	-	130,000	2019-2028 & 2030
	5/1/2019	-	228,714	1,286	-	230,000	2019-2028 & 2030
	6/1/2019	-	178,994	1,006	-	180,000	2019-2028 & 2030
	7/1/2019	-	439,203	5,797	-	445,000	2020-2028 & 2030
	10/1/2019	-	357,987	2,013	-	360,000	2020-2028 & 2030
	11/1/2019	-	855,192	4,808	-	860,000	2020-2028 & 2030
	12/1/2019	-	546,925	3,075	-	550,000	2020-2028 & 2030
	1/1/2020	-	608,343	6,657	-	615,000	2020-2028 & 2030
	5/1/2020	-	169,049	951	-	170,000	2020-2028 & 2030
	6/1/2020	-	84,525	475	-	85,000	2022-2028 & 2030
	<b>Total 2017 D</b>		-	6,181,360	48,640	-	6,230,000

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2017 E</b>	4/1/2018	\$ -	\$ 487,260	\$ 2,740	\$ -	\$ 490,000	2048
	5/1/2018	-	159,105	895	-	160,000	2048
	6/1/2018	-	432,568	2,432	-	435,000	2034 & 2048
	7/1/2018	-	334,759	5,241	-	340,000	2034 & 2048
	8/1/2018	-	263,518	1,482	-	265,000	2048
	9/1/2018	-	263,518	1,482	-	265,000	2048
	10/1/2018	-	263,518	1,482	-	265,000	2048
	11/1/2018	-	611,561	3,439	-	615,000	2034 & 2048
	12/1/2018	-	502,177	2,823	-	505,000	2034 & 2048
	1/1/2019	-	483,092	6,908	-	490,000	2034 & 2048
	2/1/2019	-	362,959	2,041	-	365,000	2048
	3/1/2019	-	362,959	2,041	-	365,000	2048
	4/1/2019	-	427,596	2,404	-	430,000	2034 & 2048
	5/1/2019	-	477,316	2,684	-	480,000	2034 & 2048
	6/1/2019	-	452,456	2,544	-	455,000	2034 & 2048
	7/1/2019	-	592,183	7,817	-	600,000	2034 & 2048
	8/1/2019	-	452,456	2,544	-	455,000	2048
	9/1/2019	-	457,428	2,572	-	460,000	2048
	10/1/2019	-	641,394	3,606	-	645,000	2034 & 2048
	11/1/2019	-	894,968	5,032	-	900,000	2034 & 2048
	12/1/2019	-	745,807	4,193	-	750,000	2034 & 2048
	1/1/2020	-	786,394	8,606	-	795,000	2034 & 2048
	2/1/2020	-	541,953	3,047	-	545,000	2048
	3/1/2020	-	541,953	3,047	-	545,000	2048
	4/1/2020	-	541,953	3,047	-	545,000	2048
	5/1/2020	-	631,450	3,550	-	635,000	2034 & 2048
	6/1/2020	-	586,701	3,299	-	590,000	2034 & 2048
<b>Total 2017 E</b>		-	13,299,002	90,998	-	13,390,000	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2018 A</b>	11/1/2018	\$ -	\$ 318,585	\$ 1,415	\$ -	\$ 320,000	2019-2028 & 2032
	12/1/2018	-	363,385	1,615	-	365,000	2019-2028 & 2032
	1/1/2019	-	291,628	3,372	-	295,000	2019-2028 & 2032
	2/1/2019	-	29,867	133	-	30,000	2027-2028 & 2032
	3/1/2019	-	452,987	2,013	-	455,000	2019-2028 & 2032
	4/1/2019	-	457,965	2,035	-	460,000	2019-2028 & 2032
	5/1/2019	-	348,452	1,548	-	350,000	2019-2028 & 2032
	6/1/2019	-	358,407	1,593	-	360,000	2019-2028 & 2032
	7/1/2019	-	440,165	4,835	-	445,000	2020-2028 & 2032
	8/1/2019	-	338,496	1,504	-	340,000	2020-2028 & 2032
	10/1/2019	-	851,218	3,782	-	855,000	2020-2028 & 2032
	11/1/2019	-	751,660	3,340	-	755,000	2020-2028 & 2032
	12/1/2019	-	910,953	4,047	-	915,000	2020-2028 & 2032
	1/1/2020	-	584,791	5,209	-	590,000	2020-2028 & 2032
	2/1/2020	-	59,735	265	-	60,000	2026-2028 & 2032
	3/1/2020	-	652,103	2,897	-	655,000	2020-2028 & 2032
	4/1/2020	-	990,598	4,402	-	995,000	2020-2028 & 2032
5/1/2020	-	-	1,035,400	4,600	-	1,040,000	2020-2028 & 2032
<b>Total 2018 A</b>		-	9,236,395	48,605	-	9,285,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2018 B</b>	10/1/2018	\$ -	\$ 258,850	\$ 1,150	\$ -	\$ 260,000	2048
	11/1/2018	-	333,518	1,482	-	335,000	2023-2024, 2033, 2037 & 2048
	12/1/2018	-	358,408	1,592	-	360,000	2019-2020, 2033, 2037 & 2048
	1/1/2019	-	326,228	3,772	-	330,000	2023-2024, 2033, 2037 & 2048
	2/1/2019	-	134,403	597	-	135,000	2033, 2037 & 2048
	3/1/2019	-	413,164	1,836	-	415,000	2021, 2023-2024, 2033, 2037 & 2048
	4/1/2019	-	418,142	1,858	-	420,000	2022-2024, 2033, 2037 & 2048
	5/1/2019	-	338,496	1,504	-	340,000	2023-2024, 2033, 2037 & 2048
	6/1/2019	-	353,430	1,570	-	355,000	2022-2024, 2033, 2037 & 2048
	7/1/2019	-	410,491	4,509	-	415,000	2023-2024, 2033, 2037 & 2048
	8/1/2019	-	134,403	597	-	135,000	2048
	9/1/2019	-	358,407	1,593	-	360,000	2023-2024, 2033, 2037 & 2048
	10/1/2019	-	706,859	3,141	-	710,000	2020-2024, 2033, 2037 & 2048
	11/1/2019	-	632,191	2,809	-	635,000	2020, 2022-2024, 2033, 2037 & 2048
	12/1/2019	-	746,682	3,318	-	750,000	2021-2024, 2033, 2037 & 2048
	1/1/2020	-	540,188	4,812	-	545,000	2020, 2023-2024, 2033, 2037 & 2048
	2/1/2020	-	194,137	863	-	195,000	2024, 2033, 2037 & 2048
	3/1/2020	-	592,368	2,632	-	595,000	2021-2024, 2037 & 2048
	4/1/2020	-	831,306	3,694	-	835,000	2020-2024, 2033, 2037 & 2048
	5/1/2020	-	851,218	3,782	-	855,000	2020-2024, 2033, 2037 & 2048
	6/1/2020	-	149,336	664	-	150,000	2048
<b>Total 2018 B</b>		-	9,082,225	47,775	-	9,130,000	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2018 C</b>	2/1/2019	\$ -	\$ 39,823	\$ 177	\$ -	40,000	2023-2024, 2027-2028, 2033 & 2040
	3/1/2019	-	9,956	44	-	10,000	2028 & 2040
	4/1/2019	-	89,602	398	-	90,000	2022-2028, 2033 & 2040
	7/1/2019	-	49,457	543	-	50,000	2023-2028, 2033 & 2040
	8/1/2019	-	64,712	288	-	65,000	2023-2028, 2033 & 2040
	9/1/2019	-	134,403	597	-	135,000	2020-2028, 2033 & 2040
	10/1/2019	-	238,938	1,062	-	240,000	2020-2028, 2033 & 2040
	11/1/2019	-	194,137	863	-	195,000	2020-2028, 2033 & 2040
	12/1/2019	-	253,872	1,128	-	255,000	2020-2028, 2033 & 2040
	1/1/2020	-	123,896	1,104	-	125,000	2021-2028, 2033 & 2040
	2/1/2020	-	114,491	509	-	115,000	2021-2028, 2033 & 2040
	3/1/2020	-	149,336	664	-	150,000	2020-2028, 2033 & 2040
	4/1/2020	-	408,186	1,814	-	410,000	2020-2028, 2033 & 2040
	5/1/2020	-	79,646	354	-	80,000	2022-2024, 2026-2028, 2033 & 2040
	6/1/2020	-	84,624	376	-	85,000	2022-2024, 2026-2028, 2033 & 2040
<b>Total 2018 C</b>		-	2,035,079	9,921	-	2,045,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2018 E</b>	5/1/2019	\$ -	\$ 280,000	\$ -	\$ -	280,000	2027-2030, 2033 & 2049
	7/1/2019	-	155,000	-	-	155,000	2027-2030, 2033 & 2049
	8/1/2019	-	260,000	-	-	260,000	2049
	9/1/2019	-	260,000	-	-	260,000	2049
	10/1/2019	-	260,000	-	-	260,000	2049
	11/1/2019	-	260,000	-	-	260,000	2049
	12/1/2019	-	660,000	-	-	660,000	2026-2030, 2033 & 2049
	1/1/2020	-	560,000	-	-	560,000	2026-2030, 2033 & 2049
	2/1/2020	-	395,000	-	-	395,000	2049
	3/1/2020	-	395,000	-	-	395,000	2049
	4/1/2020	-	990,000	-	-	990,000	2026-2030, 2033 & 2049
	5/1/2020	-	995,000	-	-	995,000	2026-2030, 2033 & 2049
	6/1/2020	-	1,185,000	-	-	1,185,000	2026-2030, 2033 & 2049
	<b>Total 2018 E</b>		-	6,655,000	-	-	6,655,000

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2018 F</b>	5/1/2019	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000	2019-2026
	7/1/2019	-	60,000	-	-	60,000	2021-2026
	12/1/2019	-	325,000	-	-	325,000	2020-2026
	1/1/2020	-	225,000	-	-	225,000	2020-2026
	4/1/2020	-	455,000	-	-	455,000	2020-2026
	5/1/2020	-	465,000	-	-	465,000	2020-2026
	6/1/2020	-	605,000	-	-	605,000	2020-2026
	<b>Total 2018 F</b>		-	2,240,000	-	-	2,240,000
<b>2018 G</b>	5/1/2019	\$ -	\$ 85,000	\$ -	\$ -	\$ 85,000	2028-2029, 2033, 2038 & 2049
	7/1/2019	-	105,000	-	-	105,000	2028-2029, 2033, 2038 & 2049
	8/1/2019	-	10,000	-	-	10,000	2029
	9/1/2019	-	80,000	-	-	80,000	2028-2029, 2033, 2038 & 2049
	10/1/2019	-	10,000	-	-	10,000	2029 & 2049
	11/1/2019	-	85,000	-	-	85,000	2028-2029, 2033, 2038 & 2049
	12/1/2019	-	260,000	-	-	260,000	2025-2029, 2033, 2038 & 2049
	1/1/2020	-	185,000	-	-	185,000	2026-2029, 2033, 2038 & 2049
	2/1/2020	-	380,000	-	-	380,000	2023-2029, 2033, 2038 & 2049
	3/1/2020	-	350,000	-	-	350,000	2023-2029, 2033, 2038 & 2049
	4/1/2020	-	330,000	-	-	330,000	2023-2029, 2038 & 2049
	5/1/2020	-	220,000	-	-	220,000	2026-2029, 2033, 2038 & 2049
	6/1/2020	-	455,000	-	-	455,000	2021-2029, 2033, 2038 & 2049
	<b>Total 2018 G</b>		-	2,555,000	-	-	2,555,000

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2019 A</b>	10/1/2019	\$ -	\$ 84,580	\$ 420	\$ -	\$ 85,000	2020-2025
	11/1/2019	-	139,309	691	-	140,000	2020-2025
	12/1/2019	-	199,012	988	-	200,000	2020-2025
	1/1/2020	-	207,523	2,477	-	210,000	2020-2025
	3/1/2020	-	39,802	198	-	40,000	2020-2025
	4/1/2020	-	199,012	988	-	200,000	2020-2025
	5/1/2020	-	363,198	1,802	-	365,000	2020-2025
	6/1/2020	-	159,210	790	-	160,000	2020-2025
	<b>Total 2019 A</b>		-	1,391,646	8,354	-	1,400,000
<b>2019 B</b>	7/1/2019	\$ -	\$ 165,000	\$ -	\$ -	\$ 165,000	2049
	8/1/2019	-	238,815	1,185	-	240,000	2049
	9/1/2019	-	238,815	1,185	-	240,000	2049
	10/1/2019	-	681,618	3,382	-	685,000	2020-2031, 2033 & 2049
	11/1/2019	-	955,259	4,741	-	960,000	2020-2031, 2033 & 2049
	12/1/2019	-	1,273,679	6,321	-	1,280,000	2020-2031, 2033 & 2049
	1/1/2020	-	1,299,490	15,510	-	1,315,000	2020-2031, 2033 & 2049
	2/1/2020	-	373,148	1,852	-	375,000	2049
	3/1/2020	-	567,185	2,815	-	570,000	2021-2031, 2033 & 2049
	4/1/2020	-	1,388,112	6,888	-	1,395,000	2021-2031 & 2049
	5/1/2020	-	2,199,087	10,913	-	2,210,000	2021-2031, 2033 & 2049
	6/1/2020	-	1,179,148	5,852	-	1,185,000	2021-2031, 2033 & 2049
	<b>Total 2019 B</b>		-	10,559,356	60,644	-	10,620,000

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2019 C</b>	8/1/2019	\$ -	\$ 114,432	\$ 568	\$ -	\$ 115,000	2049
	9/1/2019	-	79,605	395	-	80,000	2024-2028, 2034 & 2042
	11/1/2019	-	49,753	247	-	50,000	2026-2028, 2034 & 2042
	12/1/2019	-	218,914	1,086	-	220,000	2020-2029, 2034 & 2042
	1/1/2020	-	44,469	531	-	45,000	2026-2028, 2034 & 2042
	2/1/2020	-	139,309	691	-	140,000	2021-2028, 2034 & 2042
	3/1/2020	-	134,333	667	-	135,000	2021-2028, 2034 & 2042
	5/1/2020	-	169,161	839	-	170,000	2020-2029, 2034 & 2042
	6/1/2020	-	268,667	1,333	-	270,000	2020-2029, 2034 & 2042
<b>Total 2019 C</b>		-	1,218,643	6,357	-	1,225,000	
<b>2019 E</b>	5/1/2020	\$ -	\$ 135,000	\$ -	\$ -	\$ 135,000	2020-2025
	6/1/2020	-	55,000	-	-	55,000	2020-2025
<b>Total 2019 E</b>		-	190,000	-	-	190,000	
<b>2019 F</b>	1/1/2020	\$ -	\$ 170,000	\$ -	\$ -	\$ 170,000	2050
	5/1/2020	-	670,000	-	-	670,000	2025-2032, 2034, 2039, 2044 & 2050
	6/1/2020	-	285,000	-	-	285,000	2025-2032, 2034, 2039, 2044
<b>Total 2019 F</b>		-	1,125,000	-	-	1,125,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of June 30, 2020**



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<b>2019 G</b>	4/1/2020	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000	2027-2030, 2034 & 2040
	5/1/2020	-	260,000	-	-	260,000	2020-2030, 2034 & 2040
	6/1/2020	-	490,000	-	-	490,000	2020-2030, 2034 & 2040
<b>Total 2019G</b>		-	825,000	-	-	825,000	
<b>2020 B</b>	6/1/2020	\$ -	\$ 280,000	\$ -	\$ -	\$ 280,000	2050
<b>Total 2020 B</b>		-	280,000	-	-	280,000	
<b>2020 C</b>	6/1/2020	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000	2050
<b>Total 2020 C</b>		-	150,000	-	-	150,000	
<b>Total</b>		\$ -	\$ 669,858,898	\$ 20,040,886	\$ 3,415,216	\$ 693,315,000	

**Residential Housing Finance Bond Resolution  
Interest Rate Swaps  
Information as of June 30, 2020**



<u>Associated Bond Series</u>	<u>6/30/2020 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<u>6/30/2020 GASB72 Fair Value<sup>1</sup></u>
<b>Counterparty: The Bank of New York Mellon</b>						
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 <sup>2</sup> plus 0.43% per annum	\$ (2,703,501)
RHFB 2019H	43,985,000	September 11, 2019	January 1, 2047	2.1500%	1 month LIBOR <sup>2</sup>	\$ (3,049,402)
	<u>\$ 78,985,000</u>					<u>\$ (5,752,903)</u>

**Residential Housing Finance Bond Resolution  
Interest Rate Swaps  
Information as of June 30, 2020**



<u>Associated Bond Series</u>	<u>6/30/2020 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<u>6/30/2020 GASB72 Fair Value<sup>1</sup></u>
<b>Counterparty: Royal Bank of Canada</b>						
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2015D	18,225,000	August 11, 2015	January 1, 2046	2.343%	67% of 1 month LIBOR <sup>2</sup>	(956,446)
RHFB 2015G	35,000,000	December 8, 2015	January 1, 2034	1.953%	67% of 1 month LIBOR <sup>2</sup>	(1,705,714)
RHFB 2016F	50,000,000	December 22, 2016	January 1, 2041	2.175%	67% of 1 month LIBOR <sup>2</sup>	(3,570,580)
RHFB 2018H	35,000,000	December 12, 2018	July 1, 2041	2.8035%	70% of 1 month LIBOR <sup>2</sup>	(3,656,073)
RHFB 2019D	45,000,000	April 11, 2019	January 1, 2042	2.4090%	70% of 1 month LIBOR <sup>2</sup>	(4,603,299)
	<u>\$ 183,225,000</u>					<u>\$ (14,492,112)</u>

**Residential Housing Finance Bond Resolution  
Interest Rate Swaps  
Information as of June 30, 2020**



<u>Associated Bond Series</u>	<u>6/30/2020 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<u>6/30/2020 GASB72 Fair Value<sup>1</sup></u>
<b>Counterparty: Wells Fargo Bank, NA</b>						
Moody's Aa2 (stable outlook) / Standard & Poor's A+(stable outlook)						
RHFB 2017C	40,000,000	January 1, 2019	January 1, 2038	2.180%	67% of 1 month LIBOR <sup>2</sup>	(3,106,433)
RHFB 2017F	40,000,000	December 21, 2017	January 1, 2041	2.261%	67% of 1 month LIBOR <sup>2</sup>	(2,166,444)
	<u>\$ 80,000,000</u>					<u>\$ (5,272,877)</u>
	<u>\$ 342,210,000</u>					<u>\$ (25,517,892)</u>

<sup>1</sup>A positive fair value represents money due to the Agency by the counterparty upon an assumed termination on June 30, 2020. A negative number represents money payable by the Agency. The fair values as of June 30, 2020 were calculated by a consultant engaged by the Agency.

<sup>2</sup>London Interbank Offered Rate

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	75,000	14,770,000	250,000	1
				<u>\$ 18,000,000</u>	<u>\$ 2,505,000</u>	<u>\$ 15,245,000</u>	<u>\$ 250,000</u>	

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 BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 55,510,000	\$ 14,490,000	None
					\$ 70,000,000	\$ -	\$ 55,510,000	\$ 14,490,000	

(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 BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
 Information as of June 30, 2020



**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	1,355,000	1,225,000	-	N/A
60416SAP5	7/1/2019	Serial	3.100	2,630,000	1,280,000	1,350,000	-	N/A
60416SAQ3	1/1/2020	Serial	3.350	2,675,000	1,260,000	1,415,000	-	N/A
60416SAR1	7/1/2020	Serial	3.400	2,730,000	-	1,540,000	1,190,000	2
60416SAS9	1/1/2021	Serial	3.550	2,790,000	-	1,580,000	1,210,000	2
60416SAT7	7/1/2021	Serial	3.550	2,855,000	-	1,625,000	1,230,000	2
60416SAU4	1/1/2022	Serial	3.750	2,920,000	-	1,660,000	1,260,000	2
60416SAV2	7/1/2022	Serial	3.750	2,990,000	-	1,690,000	1,300,000	2
60416SAW0	1/1/2023	Serial	3.900	2,460,000	-	1,380,000	1,080,000	2
				<u>\$ 50,945,000</u>	<u>\$ 22,810,000</u>	<u>\$ 20,865,000</u>	<u>\$ 7,270,000</u>	

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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 325,000	\$ 280,000	2
60416SAY6	7/1/2023	Serial	3.300	3,135,000	-	1,690,000	1,445,000	2
60416SAZ3	1/1/2024	Serial	3.450	3,215,000	-	1,760,000	1,455,000	2
60416SBA7	7/1/2024	Serial	3.450	1,875,000	-	1,190,000	685,000	2
				<b>\$ 8,830,000</b>	<b>\$ -</b>	<b>\$ 4,965,000</b>	<b>\$ 3,865,000</b>	

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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of June 30, 2020**



**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	\$ -	\$ 4,625,000	\$ 3,610,000	2
60416SBC3	1/1/2029	Term (b)	3.850	22,740,000	-	12,765,000	9,975,000	2
				<u>\$ 30,975,000</u>	<u>\$ -</u>	<u>\$ 17,390,000</u>	<u>\$ 13,585,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 9,255,000	\$ 7,210,000	2
60416SBE9	7/1/2040	Term (b)	4.000	43,535,000	-	40,825,000	2,710,000	1
				<u>\$ 60,000,000</u>	<u>\$ -</u>	<u>\$ 50,080,000</u>	<u>\$ 9,920,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	-	22,190,000	3,630,000	1
				<u>\$ 33,305,000</u>	<u>\$ 7,095,000</u>	<u>\$ 22,580,000</u>	<u>\$ 3,630,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ 200,000	\$ 75,000	\$ -	N/A
60416SCK4	1/1/2020	Serial	2.000	1,555,000	1,100,000	455,000	-	N/A
60416SCL2	7/1/2020	Serial	2.100	1,580,000	-	515,000	1,065,000	2
60416SCM0	1/1/2021	Serial	2.300	1,600,000	-	535,000	1,065,000	2
60416SCN8	7/1/2021	Serial	2.350	1,625,000	-	555,000	1,070,000	2
60416SCP3	1/1/2022	Serial	2.550	1,650,000	-	575,000	1,075,000	2
60416SCQ1	7/1/2022	Serial	2.550	1,680,000	-	605,000	1,075,000	2
60416SCR9	1/1/2023	Serial	2.750	1,710,000	-	635,000	1,075,000	2
60416SCS7	7/1/2023	Serial	2.750	1,740,000	-	665,000	1,075,000	2
60416SCT5	7/1/2033	Term (a)	3.600	8,180,000	-	2,850,000	5,330,000	2
60416SCU2	7/1/2038	Term (b)	3.800	11,260,000	-	3,930,000	7,330,000	2
60416SCV0	7/1/2043	Term (c)	3.900	9,455,000	-	3,305,000	6,150,000	2
				<u>\$ 42,310,000</u>	<u>\$ 1,300,000</u>	<u>\$ 14,700,000</u>	<u>\$ 26,310,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
 Information as of June 30, 2020



**Residential Housing Finance Bonds, 2014 Series A**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Non-AMT		Call Priority (Note A and B)	
					Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
--	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	565,000	670,000	-	N/A
60416SFK1	7/1/2019	Serial	1.750	1,230,000	415,000	815,000	-	N/A
60416SFL9	1/1/2020	Serial	2.100	1,220,000	280,000	940,000	-	N/A
60416SFM7	7/1/2020	Serial	2.200	1,215,000	-	1,100,000	115,000	2
60416SFN5	1/1/2021	Serial	2.500	1,210,000	-	1,095,000	115,000	2
60416SFP0	7/1/2021	Serial	2.600	1,205,000	-	1,090,000	115,000	2
60416SFQ8	1/1/2022	Serial	2.800	1,200,000	-	1,085,000	115,000	2
60416SFR6	7/1/2022	Serial	2.900	1,200,000	-	1,080,000	120,000	2
60416SFS4	1/1/2023	Serial	3.050	1,200,000	-	1,080,000	120,000	2
60416SFT2	7/1/2023	Serial	3.100	1,200,000	-	1,080,000	120,000	2
60416SFU9	1/1/2024	Serial	3.300	1,200,000	-	1,080,000	120,000	2
60416SFW5	7/1/2024	Serial	3.350	1,200,000	-	1,080,000	120,000	2
60416SFX3	1/1/2027	Term (a)	3.750	5,095,000	-	4,605,000	490,000	2
60416SFV7	7/1/2038	Term (b)	4.000	20,770,000	-	14,240,000	6,530,000	1
				\$ 50,000,000	\$ 8,635,000	\$ 33,285,000	\$ 8,080,000	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
Information as of June 30, 2020



**Residential Housing Finance Bonds, 2014 Series B**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Non-AMT		Call Priority (Note A and B)	
					Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
--	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	480,000	730,000	-	N/A
60416SGH7	7/1/2019	Serial	1.700	1,205,000	305,000	900,000	-	N/A
60416SGJ3	1/1/2020	Serial	2.000	1,195,000	155,000	1,040,000	-	N/A
60416SGK0	7/1/2020	Serial	2.100	1,195,000	-	1,195,000	-	N/A
60416SGL8	1/1/2021	Serial	2.350	1,190,000	-	1,190,000	-	N/A
60416SGM6	7/1/2021	Serial	2.450	1,185,000	-	1,185,000	-	N/A
60416SGN4	1/1/2022	Serial	2.700	1,185,000	-	1,185,000	-	N/A
60416SGP9	7/1/2022	Serial	2.750	1,185,000	-	1,185,000	-	N/A
60416SGQ7	1/1/2023	Serial	2.950	1,185,000	-	1,185,000	-	N/A
60416SGR5	7/1/2023	Serial	2.950	1,185,000	-	1,185,000	-	N/A
60416SGS3	1/1/2024	Serial	3.050	1,190,000	-	1,190,000	-	N/A
60416SGT1	7/1/2024	Serial	3.050	1,190,000	-	1,190,000	-	N/A
60416SGW4	1/1/2025	Serial	3.200	1,195,000	-	1,195,000	-	N/A
60416SGX2	7/1/2025	Serial	3.200	1,200,000	-	1,200,000	-	N/A
60416SGY0	1/1/2026	Serial	3.350	1,205,000	-	1,205,000	-	N/A
60416SGU8	7/1/2026	Serial	3.350	380,000	-	380,000	-	N/A
60416SGV6	1/1/2038	Term (a)	4.000	22,460,000	-	15,045,000	7,415,000	1
				<u>\$ 50,000,000</u>	<u>\$ 8,365,000</u>	<u>\$ 34,220,000</u>	<u>\$ 7,415,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
Information as of June 30, 2020



**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	2,345,000	1,115,000	\$ -	N/A
60416SHJ2	7/1/2019	Serial	1.800	3,510,000	2,265,000	1,245,000	\$ -	N/A
60416SHK9	1/1/2020	Serial	2.050	3,560,000	2,185,000	1,375,000	\$ -	N/A
60416SHL7	7/1/2020	Serial	2.150	665,000	-	275,000	\$ 390,000	2
60416SHQ6	7/1/2022	Serial	2.900	3,900,000	-	1,620,000	\$ 2,280,000	2
60416SHR4	1/1/2023	Serial	3.000	3,970,000	-	1,645,000	\$ 2,325,000	2
60416SHS2	7/1/2023	Serial	3.050	4,060,000	-	1,680,000	\$ 2,380,000	2
60416SHT0	1/1/2024	Serial	3.125	4,145,000	-	1,715,000	\$ 2,430,000	2
60416SHU7	7/1/2024	Serial	3.125	4,240,000	-	1,750,000	\$ 2,490,000	2
60416SHV5	1/1/2025	Serial	3.200	4,330,000	-	1,795,000	\$ 2,535,000	2
60416SHX1	1/1/2045	Term (a)	4.000	84,225,000	-	51,395,000	\$ 32,830,000	1
				<u>\$ 143,145,000</u>	<u>\$ 25,935,000</u>	<u>\$ 69,550,000</u>	<u>\$ 47,660,000</u>	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 1,825,000	\$ 2,600,000	2
60416SHY9	1/1/2026	Serial	3.100	2,160,000	-	895,000	1,265,000	2
				<u>\$ 6,585,000</u>	<u>\$ -</u>	<u>\$ 2,720,000</u>	<u>\$ 3,865,000</u>	

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2014 Series E**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SHM5	7/1/2020	Serial	2.000	\$ 2,955,000	\$ -	\$ 1,235,000	\$ 1,720,000	2
60416SHN3	1/1/2021	Serial	2.200	3,660,000	-	1,505,000	2,155,000	2
60416SHP8	7/1/2021	Serial	2.300	3,720,000	-	1,555,000	2,165,000	2
60416SHW3	1/1/2022	Serial	2.600	3,815,000	-	1,590,000	2,225,000	2
60416SJC5	1/1/2026	Serial	3.100	2,375,000	-	980,000	1,395,000	2
60416SJD3	7/1/2026	Serial	3.100	4,580,000	-	1,890,000	2,690,000	2
60416SJA9	7/1/2029	Term (a)	3.350	29,485,000	-	12,215,000	17,270,000	2
60416SJB7	1/1/2032	Term (b)	3.500	25,410,000	-	10,530,000	14,880,000	2
				<u>\$ 76,000,000</u>	<u>\$ -</u>	<u>\$ 31,500,000</u>	<u>\$ 44,500,000</u>	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 25,960,000	\$ 17,110,000	1
				<u>\$ 43,070,000</u>	<u>\$ -</u>	<u>\$ 25,960,000</u>	<u>\$ 17,110,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
Information as of June 30, 2020



**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	1,065,000	580,000	-	N/A
60416SKN9	7/1/2019	Serial	1.450	1,665,000	1,010,000	655,000	-	N/A
60416SKP4	1/1/2020	Serial	1.700	1,690,000	965,000	725,000	-	N/A
60416SKQ2	7/1/2020	Serial	1.800	1,715,000	-	840,000	875,000	2
60416SKR0	1/1/2021	Serial	2.050	1,740,000	-	850,000	890,000	2
60416SKS8	7/1/2021	Serial	2.100	1,765,000	-	855,000	910,000	2
60416SKT6	1/1/2022	Serial	2.350	1,790,000	-	865,000	925,000	2
60416SKU3	7/1/2022	Serial	2.400	1,820,000	-	895,000	925,000	2
60416SKV1	1/1/2023	Serial	2.55	1,855,000	-	910,000	945,000	2
60416SKW9	7/1/2023	Serial	2.60	1,890,000	-	930,000	960,000	2
60416SKX7	1/1/2024	Serial	2.75	1,930,000	-	940,000	990,000	2
60416SKY5	7/1/2024	Serial	2.80	1,965,000	-	960,000	1,005,000	2
60416SKZ2	1/1/2025	Serial	2.90	2,005,000	-	970,000	1,035,000	2
60416SLA6	7/1/2025	Serial	2.95	2,050,000	-	1,000,000	1,050,000	2
60416SLB4	1/1/2026	Serial	3.05	2,090,000	-	1,035,000	1,055,000	2
60416SLC2	7/1/2026	Serial	3.10	2,135,000	-	1,060,000	1,075,000	2
60416SLD0	7/1/2031	Term(a)	3.60	24,245,000	-	11,850,000	12,395,000	2
				<u>\$ 61,780,000</u>	<u>\$ 9,350,000</u>	<u>\$ 27,395,000</u>	<u>\$ 25,035,000</u>	

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2015 Series D**

AMT

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

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 June 30, 2020 was .18%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	1,450,000	\$ 875,000	-	2
60416SMR8	7/1/2019	Serial	1.750	2,360,000	1,350,000	\$ 1,010,000	-	2
60416SMS6	1/1/2020	Serial	1.900	2,395,000	1,225,000	\$ 1,170,000	-	2
60416SMT4	7/1/2020	Serial	2.000	2,435,000	-	\$ 1,415,000	1,020,000	2
60416SMU1	1/1/2021	Serial	2.150	2,475,000	-	\$ 1,440,000	1,035,000	2
60416SMV9	7/1/2021	Serial	2.250	2,515,000	-	\$ 1,465,000	1,050,000	2
60416SMW7	1/1/2022	Serial	2.350	2,560,000	-	\$ 1,495,000	1,065,000	2
60416SMX5	7/1/2022	Serial	2.450	2,610,000	-	\$ 1,520,000	1,090,000	2
60416SMY3	1/1/2023	Serial	2.650	1,930,000	-	\$ 1,120,000	810,000	2
60416SMZ0	1/1/2046	Term(a)	3.500	64,500,000	-	\$ 35,010,000	29,490,000	1
				<b>\$ 96,930,000</b>	<b>\$ 12,960,000</b>	<b>\$ 48,410,000</b>	<b>\$ 35,560,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 425,000	\$ 305,000	2
60416SNB2	7/1/2023	Serial	2.400	2,715,000	-	1,575,000	1,140,000	2
60416SNC0	1/1/2024	Serial	2.600	2,770,000	-	1,610,000	1,160,000	2
60416SND8	7/1/2024	Serial	2.650	2,830,000	-	1,640,000	1,190,000	2
60416SNE6	1/1/2025	Serial	2.750	2,890,000	-	1,680,000	1,210,000	2
60416SNF3	7/1/2025	Serial	2.800	2,955,000	-	1,710,000	1,245,000	2
60416SNG1	1/1/2026	Serial	2.900	3,020,000	-	1,755,000	1,265,000	2
60416SNJ5	7/1/2026	Serial	2.950	3,090,000	-	1,810,000	1,280,000	2
60416SNH9	7/1/2029	Term(a)	3.300	18,515,000	-	10,745,000	7,770,000	2
				<b>\$ 39,515,000</b>	<b>\$ -</b>	<b>\$ 22,950,000</b>	<b>\$ 16,565,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2015 Series G**

Non-AMT

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

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 June 30, 2020 was .13%.

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

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	1,185,000	405,000	-	2
60416SNS5	7/1/2019	Serial	1.300	1,600,000	1,140,000	460,000	-	2
60416SNT3	1/1/2020	Serial	1.500	1,625,000	1,095,000	530,000	-	2
60416SNU0	7/1/2020	Serial	1.550	1,650,000	-	605,000	1,045,000	2
60416SNV8	1/1/2021	Serial	1.700	1,670,000	-	620,000	1,050,000	2
60416SNW6	7/1/2021	Serial	1.750	1,700,000	-	630,000	1,070,000	2
60416SNX4	1/1/2022	Serial	1.950	1,725,000	-	630,000	1,095,000	2
60416SNY2	7/1/2022	Serial	2.000	1,750,000	-	655,000	1,095,000	2
60416SNZ9	1/1/2023	Serial	2.100	1,790,000	-	670,000	1,120,000	2
60416SPA2	7/1/2023	Serial	2.150	1,820,000	-	700,000	1,120,000	2
60416SPB0	1/1/2024	Serial	2.250	1,845,000	-	705,000	1,140,000	2
60416SPC8	7/1/2024	Serial	2.300	1,885,000	-	705,000	1,180,000	2
60416SPD6	1/1/2025	Serial	2.450	1,920,000	-	725,000	1,195,000	2
60416SPE4	7/1/2025	Serial	2.500	1,960,000	-	750,000	1,210,000	2
60416SPF1	1/1/2026	Serial	2.650	1,995,000	-	755,000	1,240,000	2
60416SPG9	7/1/2026	Serial	2.700	2,040,000	-	775,000	1,265,000	2
60416SPH7	7/1/2031	Term (a)	3.100	23,180,000	-	8,705,000	14,475,000	2
60416SPJ3	1/1/2033	Term (b)	3.200	7,285,000	-	2,730,000	4,555,000	2
				<b>\$ 63,135,000</b>	<b>\$ 6,910,000</b>	<b>\$ 22,370,000</b>	<b>\$ 33,855,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 5,885,000	\$ 9,795,000	2
60416SPL8	1/1/2037	Term (b)	3.150	9,850,000	-	3,695,000	6,155,000	2
60416SPM6	7/1/2046	Term (c)	3.500	49,455,000	-	25,800,000	23,655,000	1
				<b>\$ 74,985,000</b>	<b>\$ -</b>	<b>\$ 35,380,000</b>	<b>\$ 39,605,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
 Information as of June 30, 2020



**Residential Housing Finance Bonds, 2016 Series C**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Principal Outstanding	Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions		
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	505,000	310,000	-	2
60416SPR5	1/1/2020	Serial	2.200	425,000	260,000	165,000	-	2
60416SPS3	1/1/2021	Serial	2.450	450,000	-	210,000	240,000	2
60416SPT1	1/1/2022	Serial	2.700	470,000	-	230,000	240,000	2
60416SPU8	1/1/2023	Serial	2.900	500,000	-	255,000	245,000	2
60416SPV6	1/1/2024	Serial	3.050	530,000	-	285,000	245,000	2
60416SPW4	1/1/2025	Serial	3.250	560,000	-	315,000	245,000	2
60416SPX2	1/1/2026	Serial	3.350	590,000	-	345,000	245,000	2
60416SPY0	7/1/2031	Term (a)	3.800	3,900,000	-	2,050,000	1,850,000	2
60416SPZ7	7/1/2037	Term (b)	4.200	5,550,000	-	2,940,000	2,610,000	2
				<b>\$ 15,590,000</b>	<b>\$ 2,205,000</b>	<b>\$ 7,465,000</b>	<b>\$ 5,920,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	1,330,000	285,000	-	2
60416SSH4	7/1/2019	Serial	1.900	1,640,000	1,300,000	340,000	-	2
60416SSJ0	1/1/2020	Serial	2.050	1,665,000	1,175,000	490,000	-	2
60416SSK7	7/1/2020	Serial	2.150	1,690,000	-	620,000	1,070,000	2
60416SSL5	1/1/2021	Serial	2.300	125,000	-	35,000	90,000	2
				<u>\$ 11,340,000</u>	<u>\$ 8,060,000</u>	<u>\$ 2,120,000</u>	<u>\$ 1,160,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 565,000	\$ 1,025,000	2
60416SSN1	7/1/2021	Serial	2.100	1,745,000	-	615,000	1,130,000	2
60416SSP6	1/1/2022	Serial	2.300	1,775,000	-	630,000	1,145,000	2
60416SSQ4	7/1/2022	Serial	2.400	1,810,000	-	650,000	1,160,000	2
60416SSR2	1/1/2023	Serial	2.500	1,840,000	-	650,000	1,190,000	2
60416SSS0	7/1/2023	Serial	2.600	1,875,000	-	665,000	1,210,000	2
60416SST8	1/1/2024	Serial	2.700	1,915,000	-	685,000	1,230,000	2
60416SSU5	7/1/2024	Serial	2.800	1,955,000	-	695,000	1,260,000	2
60416SSV3	1/1/2025	Serial	2.900	1,995,000	-	710,000	1,285,000	2
60416SSW1	7/1/2025	Serial	2.950	2,040,000	-	725,000	1,315,000	2
60416SSX9	1/1/2026	Serial	3.050	2,085,000	-	740,000	1,345,000	2
60416SSY7	7/1/2026	Serial	3.100	2,130,000	-	745,000	1,385,000	2
60416SSZ4	1/1/2027	Serial	3.200	2,175,000	-	780,000	1,395,000	2
60416STA8	7/1/2027	Serial	3.250	2,225,000	-	795,000	1,430,000	2
60416STB6	1/1/2031	Term(a)	3.700	14,320,000	-	5,095,000	9,225,000	2
60416STC4	1/1/2047	Term (b)	4.000	33,530,000	-	15,935,000	17,595,000	1
				<b>\$ 75,005,000</b>	<b>\$ -</b>	<b>\$ 30,680,000</b>	<b>\$ 44,325,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2016 Series F**

CUSIP**	Maturity Date	Bond Type	Interest Rate	AMT			Call Priority (Note A and B)	
				Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
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 June 30, 2020 was .18%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
Information as of June 30, 2020



**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	1,140,000	\$ 375,000	-	2
60416STH3	7/1/2019	Serial	1.400	1,530,000	1,085,000	\$ 445,000	-	2
60416STJ9	1/1/2020	Serial	1.500	1,550,000	970,000	\$ 580,000	-	2
60416STK6	7/1/2020	Serial	1.550	1,570,000	-	\$ 665,000	905,000	2
60416STL4	1/1/2021	Serial	1.700	1,590,000	-	\$ 675,000	915,000	2
60416STM2	7/1/2021	Serial	1.750	1,610,000	-	\$ 675,000	935,000	2
60416STN0	1/1/2022	Serial	1.900	1,630,000	-	\$ 680,000	950,000	2
60416STP5	7/1/2022	Serial	1.950	1,655,000	-	\$ 700,000	955,000	2
60416STQ3	1/1/2023	Serial	2.100	1,680,000	-	\$ 705,000	975,000	2
60416STR1	7/1/2023	Serial	2.150	1,705,000	-	\$ 720,000	985,000	2
60416STS9	1/1/2024	Serial	2.250	1,730,000	-	\$ 735,000	995,000	2
60416STT7	7/1/2024	Serial	2.300	1,760,000	-	\$ 750,000	1,010,000	2
60416STU4	1/1/2025	Serial	2.450	1,790,000	-	\$ 760,000	1,030,000	2
60416STV2	7/1/2025	Serial	2.500	1,820,000	-	\$ 760,000	1,060,000	2
60416STW0	1/1/2026	Serial	2.650	1,855,000	-	\$ 775,000	1,080,000	2
60416STX8	7/1/2026	Serial	2.700	1,890,000	-	\$ 790,000	1,100,000	2
60416STY6	1/1/2027	Serial	2.800	1,925,000	-	\$ 810,000	1,115,000	2
60416STZ3	7/1/2027	Serial	2.850	1,965,000	-	\$ 840,000	1,125,000	2
60416SUA6	7/1/2030	Term(a)	3.200	10,690,000	-	\$ 4,510,000	6,180,000	2
				<u>\$ 43,455,000</u>	<u>\$ 4,915,000</u>	<u>\$ 17,225,000</u>	<u>\$ 21,315,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 1,575,000	\$ 2,155,000	2
60416SUC2	7/1/2047	Term (b)	4.000	33,660,000	-	11,830,000	21,830,000	1
				<u>\$ 37,390,000</u>	<u>\$ -</u>	<u>\$ 13,405,000</u>	<u>\$ 23,985,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2017 Series C**

CUSIP**	Maturity Date	Bond Type	Interest Rate	AMT			Call Priority (Note A and B)	
				Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
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 June 30, 2020 was .18%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	1,415,000.00	80,000	-	2
60416SVG2	7/1/2019	Serial	1.800	1,510,000	1,390,000.00	120,000	-	2
60416SVH0	1/1/2020	Serial	2.000	1,530,000	1,320,000.00	210,000	-	2
60416SVJ6	7/1/2020	Serial	2.050	1,550,000	-	250,000	1,300,000	2
60416SVK3	1/1/2021	Serial	2.200	1,575,000	-	250,000	1,325,000	2
60416SVL1	7/1/2021	Serial	2.250	1,595,000	-	260,000	1,335,000	2
60416SVM9	1/1/2022	Serial	2.350	1,620,000	-	270,000	1,350,000	2
60416SVN7	7/1/2022	Serial	2.400	1,645,000	-	270,000	1,375,000	2
60416SVP2	1/1/2023	Serial	2.450	1,670,000	-	280,000	1,390,000	2
60416SVQ0	7/1/2023	Serial	2.500	1,695,000	-	280,000	1,415,000	2
60416SVR8	1/1/2024	Serial	2.550	1,725,000	-	280,000	1,445,000	2
60416SVS6	7/1/2024	Serial	2.600	1,750,000	-	280,000	1,470,000	2
60416SVT4	1/1/2025	Serial	2.750	1,780,000	-	280,000	1,500,000	2
60416SVU1	7/1/2025	Serial	2.800	1,810,000	-	295,000	1,515,000	2
60416SVV9	1/1/2026	Serial	2.900	1,845,000	-	300,000	1,545,000	2
60416SVW7	7/1/2026	Serial	2.900	1,875,000	-	305,000	1,570,000	2
60416SVX5	1/1/2027	Serial	2.950	1,910,000	-	315,000	1,595,000	2
60416SVY3	7/1/2027	Serial	3.000	1,950,000	-	320,000	1,630,000	2
60416SVZ0	1/1/2028	Serial	3.100	1,985,000	-	340,000	1,645,000	2
60416SWA4	7/1/2028	Serial	3.150	2,025,000	-	340,000	1,685,000	2
60416SWB2	1/1/2030	Term(a)	3.300	5,355,000	-	885,000	4,470,000	2
				\$ 41,145,000	\$ 5,355,000.00	\$ 6,230,000	\$ 29,560,000	

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

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series E PAC Term bonds maturing January 1, 2048.

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ -	\$ 3,155,000	\$ 16,080,000	2
60416SWD8	1/1/2048	Term (b)	4.000	43,840,000	-	10,235,000	33,605,000	1
				<u>\$ 63,075,000</u>	<u>\$ -</u>	<u>\$ 13,390,000</u>	<u>\$ 49,685,000</u>	

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 BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2017 Series F**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SWE6	1/1/2041	Term(a)	Variable*	\$ 40,000,000	\$ -	\$ -	\$ 40,000,000	2
				\$ 40,000,000	\$ -	\$ -	\$ 40,000,000	

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

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series E PAC Term bonds maturing January 1, 2048.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 22, 2017 and thereafter - 100%.

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

\*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2020 was .13%.

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

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ 370,000	\$ 10,000	\$ -	2
60416SWH9	7/1/2019	Serial	1.900	575,000	530,000	45,000	-	2
60416SWJ5	1/1/2020	Serial	2.050	575,000	465,000	110,000	-	2
60416SWK2	7/1/2020	Serial	2.200	585,000	-	190,000	395,000	2
60416SWL0	1/1/2021	Serial	2.350	590,000	-	195,000	395,000	2
60416SWM8	7/1/2021	Serial	2.450	600,000	-	205,000	395,000	2
60416SWN6	1/1/2022	Serial	2.500	610,000	-	215,000	395,000	2
60416SWP1	7/1/2022	Serial	2.550	615,000	-	220,000	395,000	2
60416SWQ9	1/1/2023	Serial	2.650	630,000	-	225,000	405,000	2
60416SWR7	7/1/2023	Serial	2.700	570,000	-	180,000	390,000	2
60416SWS5	1/1/2024	Serial	2.850	550,000	-	175,000	375,000	2
60416SWT3	7/1/2024	Serial	2.900	590,000	-	195,000	395,000	2
60416SWU0	1/1/2025	Serial	3.000	930,000	-	300,000	630,000	2
60416SWV8	7/1/2025	Serial	3.050	950,000	-	300,000	650,000	2
60416SWW6	1/1/2026	Serial	3.150	965,000	-	305,000	660,000	2
60416SWX4	7/1/2026	Serial	3.250	985,000	-	325,000	660,000	2
60416SWY2	1/1/2027	Serial	3.350	1,005,000	-	340,000	665,000	2
60416SWZ9	7/1/2027	Serial	3.400	1,030,000	-	355,000	675,000	2
60416SXA3	1/1/2028	Serial	3.450	1,050,000	-	360,000	690,000	2
60416SXB1	7/1/2028	Serial	3.500	1,180,000	-	410,000	770,000	2
60416SXC9	7/1/2032	Term(a)	3.625	13,855,000	-	4,625,000	9,230,000	2
				<u>\$ 28,820,000</u>	<u>\$ 1,365,000</u>	<u>\$ 9,285,000</u>	<u>\$ 18,170,000</u>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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	\$ 95,000	\$ 5,000	\$ -	2
60416SXE5	1/1/2020	Serial	1.800	100,000	85,000	15,000	-	2
60416SXF2	7/1/2020	Serial	1.900	100,000	-	30,000	70,000	2
60416SXG0	1/1/2021	Serial	2.000	100,000	-	30,000	70,000	2
60416SXH8	7/1/2021	Serial	2.100	100,000	-	30,000	70,000	2
60416SXJ4	1/1/2022	Serial	2.150	100,000	-	30,000	70,000	2
60416SXX1	7/1/2022	Serial	2.200	100,000	-	30,000	70,000	2
60416SXL9	1/1/2023	Serial	2.300	100,000	-	25,000	75,000	2
60416SXM7	7/1/2023	Serial	2.350	175,000	-	75,000	100,000	2
60416SXX5	1/1/2024	Serial	2.500	200,000	-	80,000	120,000	2
60416SXP0	7/1/2024	Serial	2.550	200,000	-	75,000	125,000	2
60416SXQ8	7/1/2033	Term (a)	3.450	5,380,000	-	1,795,000	3,585,000	2
60416SXR6	7/1/2037	Term (b)	3.650	11,950,000	-	3,990,000	7,960,000	2
60416SXS4	7/1/2048	Term (c)	4.000	24,975,000	-	2,920,000	22,055,000	1
				<b>\$ 43,680,000</b>	<b>\$ 180,000</b>	<b>\$ 9,130,000</b>	<b>\$ 34,370,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
Information as of June 30, 2020



**Residential Housing Finance Bonds, 2018 Series C**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Call Priority (Note A and B)	
					Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
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	705,000	\$ 15,000	-	2
60416SXW5	7/1/2020	Serial	3.000	735,000	-	\$ 35,000	700,000	2
60416SXX3	1/1/2021	Serial	3.050	755,000	-	\$ 40,000	715,000	2
60416SXY1	7/1/2021	Serial	3.150	770,000	-	\$ 50,000	720,000	2
60416SXZ8	1/1/2022	Serial	3.300	790,000	-	\$ 65,000	725,000	2
60416SYA2	7/1/2022	Serial	3.350	810,000	-	\$ 75,000	735,000	2
60416SYB0	1/1/2023	Serial	3.450	825,000	-	\$ 80,000	745,000	2
60416SYC8	7/1/2023	Serial	3.500	845,000	-	\$ 95,000	750,000	2
60416SYD6	1/1/2024	Serial	3.550	870,000	-	\$ 100,000	770,000	2
60416SYE4	7/1/2024	Serial	3.600	865,000	-	\$ 95,000	770,000	2
60416SYF1	1/1/2025	Serial	3.650	760,000	-	\$ 40,000	720,000	2
60416SYG9	7/1/2025	Serial	3.700	775,000	-	\$ 55,000	720,000	2
60416SYH7	1/1/202	Serial	3.750	795,000	-	\$ 65,000	730,000	2
60416SYJ3	7/1/2026	Serial	3.800	815,000	-	\$ 80,000	735,000	2
60416SYK0	1/1/2027	Serial	3.850	835,000	-	\$ 90,000	745,000	2
60416SYL8	7/1/2027	Serial	3.900	855,000	-	\$ 95,000	760,000	2
60416SYM6	1/1/2028	Serial	3.950	875,000	-	\$ 100,000	775,000	2
60416SYN4	7/1/2028	Serial	4.000	795,000	-	\$ 65,000	730,000	2
60416SYP9	7/1/2033	Term (a)	4.200	3,385,000	-	\$ 290,000	3,095,000	2
60416SYQ7	7/1/2040	Term (b)	4.450	5,805,000	-	\$ 515,000	5,290,000	2
				<b>\$ 25,000,000</b>	<b>\$ 2,025,000</b>	<b>\$ 2,045,000</b>	<b>\$ 20,930,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**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
				<u>\$ 35,000,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 35,000,000</u>	

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 June 30, 2020 was .56%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2018 Series E**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SA34	7/1/2019	Serial	2.000	\$ 150,000	\$ 150,000	\$ -	\$ -	2
60416SA42	7/1/2026	Serial	3.000	215,000	-	40,000	175,000	2
60416SA59	1/1/2027	Serial	3.100	1,195,000	-	195,000	1,000,000	2
60416SA67	7/1/2027	Serial	3.150	1,220,000	-	200,000	1,020,000	2
60416SA75	1/1/2028	Serial	3.300	1,245,000	-	205,000	1,040,000	2
60416SA83	7/1/2028	Serial	3.350	1,275,000	-	215,000	1,060,000	2
60416SA91	1/1/2029	Serial	3.400	1,305,000	-	215,000	1,090,000	2
60416SB25	7/1/2029	Serial	3.450	1,335,000	-	220,000	1,115,000	2
60416SB33	1/1/2030	Serial	3.550	1,365,000	-	220,000	1,145,000	2
60416SB41	7/1/2030	Serial	3.600	1,405,000	-	240,000	1,165,000	2
60416SB58	1/1/2033	Term(a)	3.800	6,840,000	-	1,125,000	5,715,000	2
60416SB66	1/1/2049	Term(b)	4.250	47,650,000	-	3,780,000	43,870,000	1
				<u>\$ 65,200,000</u>	<u>\$ 150,000</u>	<u>\$ 6,655,000</u>	<u>\$ 58,395,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2031.
- (b): Sinking fund redemptions begin July 1, 2041.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2018 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)
60416SB74	7/1/2019	Serial	2.200	\$ 470,000	\$ 465,000	5,000	\$ -	2
60416SB82	1/1/2020	Serial	2.400	930,000	905,000	25,000	-	2
60416SB90	7/1/2020	Serial	2.500	945,000	-	150,000	795,000	2
60416SC24	1/1/2021	Serial	2.650	960,000	-	160,000	800,000	2
60416SC32	7/1/2021	Serial	2.750	970,000	-	160,000	810,000	2
60416SC40	1/1/2022	Serial	2.850	990,000	-	165,000	825,000	2
60416SC57	7/1/2022	Serial	2.950	1,005,000	-	165,000	840,000	2
60416SC65	1/1/2023	Serial	3.000	1,025,000	-	165,000	860,000	2
60416SC73	7/1/2023	Serial	3.050	1,040,000	-	175,000	865,000	2
60416SC81	1/1/2024	Serial	3.100	1,060,000	-	175,000	885,000	2
60416SC99	7/1/2024	Serial	3.150	1,080,000	-	180,000	900,000	2
60416SD23	1/1/2025	Serial	3.250	1,100,000	-	180,000	920,000	2
60416SD31	7/1/2025	Serial	3.300	1,125,000	-	190,000	935,000	2
60416SD49	1/1/2026	Serial	3.400	1,145,000	-	190,000	955,000	2
60416SD49	7/1/2026	Serial	3.500	955,000	-	155,000	800,000	2
				<u>\$ 14,800,000</u>	<u>\$ 1,370,000</u>	<u>\$ 2,240,000</u>	<u>\$ 11,190,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2018 Series G**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Principal Outstanding	Maturity Date
					Principal Matured/ Sinking Fund	Principal Redemptions		
60416SD64	7/1/2019	Serial	3.100	\$ 250,000	\$ 250,000	\$ -	\$ -	2
60416SD72	1/1/2020	Serial	3.150	265,000	265,000	-	-	2
60416SD80	7/1/2020	Serial	3.200	270,000	-	-	270,000	2
60416SD98	1/1/2021	Serial	3.310	275,000	-	-	275,000	2
60416SE22	7/1/2021	Serial	3.360	285,000	-	5,000	280,000	2
60416SE30	1/1/2022	Serial	3.390	290,000	-	5,000	285,000	2
60416SE48	7/1/2022	Serial	3.440	300,000	-	5,000	295,000	2
60416SE55	1/1/2023	Serial	3.500	305,000	-	10,000	295,000	2
60416SE63	7/1/2023	Serial	3.540	315,000	-	20,000	295,000	2
60416SE71	1/1/2024	Serial	3.650	320,000	-	20,000	300,000	2
60416SE89	7/1/2024	Serial	3.700	330,000	-	20,000	310,000	2
60416SE+8	1/1/2025	Serial	3.750	340,000	-	25,000	315,000	2
60416SF21	7/1/2025	Serial	3.800	345,000	-	25,000	320,000	2
60416SF39	1/1/2026	Serial	3.850	355,000	-	30,000	325,000	2
60416SF47	7/1/2026	Serial	3.900	365,000	-	35,000	330,000	2
60416SF54	1/1/2027	Serial	4.000	375,000	-	35,000	340,000	2
60416SF62	7/1/2027	Serial	4.050	385,000	-	35,000	350,000	2
60416SF70	1/1/2028	Serial	1.100	395,000	-	45,000	350,000	2
60416SF88	7/1/2028	Serial	4.150	405,000	-	50,000	355,000	2
60416SF96	1/1/2029	Serial	4.200	415,000	-	55,000	360,000	2
60416SG20	7/1/2029	Serial	4.250	425,000	-	65,000	360,000	2
60416SG38	7/1/2033	Term (a)	4.450	3,790,000	-	285,000	3,505,000	2
60416SG46	7/1/2038	Term (b)	4.630	5,935,000	-	440,000	5,495,000	2
60416SG53	1/1/2049	Term (c)	4.730	18,265,000	-	1,345,000	16,920,000	2
				<b>\$ 35,000,000</b>	<b>\$ 515,000</b>	<b>\$ 2,555,000</b>	<b>\$ 31,930,000</b>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2030.
- (b): Sinking fund redemptions begin January 1, 2034.
- (c): Sinking fund redemptions begin January 1, 2039.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2018 Series H**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SG61	7/1/2041	Term(a)	Variable*	\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	3
				<u>\$ 35,000,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 35,000,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

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

Note B: Call priority #3 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049 and, on or before July 1, 2023, if no call priority #2 bonds are outstanding. See "Section Q – Summary of Special Redemption Provisions".

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

(a): Sinking fund redemptions begin January 1, 2033.

\*Interest on the bonds is adjusted weekly and equals the SIFMA Swap Index plus 0.55%.  
 The interest rate on June 30, 2020 was .68%.

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

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2019 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)
60416SK82	7/1/2019	Serial	1.850	\$ 100,000	\$ 100,000	\$ -	\$ -	2
60416SK90	7/1/2020	Serial	1.950	1,350,000	-	240,000	1,110,000	2
60416SL24	7/1/2021	Serial	2.150	1,360,000	-	245,000	1,115,000	2
60416SL32	7/1/2022	Serial	2.250	1,375,000	-	245,000	1,130,000	2
60416SL40	7/1/2023	Serial	2.400	1,395,000	-	255,000	1,140,000	2
60416SL57	7/1/2024	Serial	2.450	1,410,000	-	255,000	1,155,000	2
60416SL65	7/1/2025	Serial	2.625	875,000	-	160,000	715,000	2
				<u>\$ 7,865,000</u>	<u>\$ 100,000</u>	<u>\$ 1,400,000</u>	<u>\$ 6,365,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
Information as of June 30, 2020



**Residential Housing Finance Bonds, 2019 Series B**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SL73	7/1/2019	Serial	1.600	\$ 240,000	\$ 240,000	\$ -	\$ -	2
60416SL81	1/1/2020	Serial	1.650	1,345,000	1,270,000	\$ 75,000	\$ -	2
60416SL99	1/1/2021	Serial	1.750	1,355,000	-	\$ 240,000	\$ 1,115,000	2
60416SM23	1/1/2022	Serial	1.800	1,365,000	-	\$ 250,000	\$ 1,115,000	2
60416SM31	1/1/2023	Serial	1.950	1,380,000	-	\$ 250,000	\$ 1,130,000	2
60416SM49	1/1/2024	Serial	2.050	1,400,000	-	\$ 250,000	\$ 1,150,000	2
60416SM56	1/1/2025	Serial	2.150	1,415,000	-	\$ 250,000	\$ 1,165,000	2
60416SM64	7/1/2025	Serial	2.200	550,000	-	\$ 100,000	\$ 450,000	2
60416SM72	1/1/2026	Serial	2.350	1,440,000	-	\$ 260,000	\$ 1,180,000	2
60416SM80	7/1/2026	Serial	2.375	1,450,000	-	\$ 270,000	\$ 1,180,000	2
60416SM98	1/1/2027	Serial	2.500	1,470,000	-	\$ 270,000	\$ 1,200,000	2
60416SN22	7/1/2027	Serial	2.550	1,485,000	-	\$ 270,000	\$ 1,215,000	2
60416SN30	1/1/2028	Serial	2.650	1,470,000	-	\$ 270,000	\$ 1,200,000	2
60416SN48	7/1/2028	Serial	2.700	1,460,000	-	\$ 270,000	\$ 1,190,000	2
60416SN55	1/1/2029	Serial	2.850	2,430,000	-	\$ 445,000	\$ 1,985,000	2
60416SN63	7/1/2029	Serial	2.900	2,405,000	-	\$ 435,000	\$ 1,970,000	2
60416SN71	1/1/2030	Serial	3.000	2,375,000	-	\$ 420,000	\$ 1,955,000	2
60416SN89	7/1/2030	Serial	3.000	2,355,000	-	\$ 420,000	\$ 1,935,000	2
60416SN97	1/1/2031	Serial	3.100	2,400,000	-	\$ 430,000	\$ 1,970,000	2
60416SP20	7/1/2031	Serial	3.150	2,390,000	-	\$ 425,000	\$ 1,965,000	2
60416SP38	7/1/2033	Term (a)	3.300	8,565,000	-	\$ 1,540,000	\$ 7,025,000	2
60416SP46	7/1/2049	Term (b)	4.250	57,450,000	-	\$ 3,480,000	\$ 53,970,000	1
				<b>\$ 98,195,000</b>	<b>\$ 1,510,000</b>	<b>\$ 10,620,000</b>	<b>\$ 86,065,000</b>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2032.
- (b): Sinking fund redemptions begin January 1, 2042.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
 Information as of June 30, 2020



**Residential Housing Finance Bonds, 2019 Series C**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Call Priority (Note A and B)	
					Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
60416S	1/1/2020	Serial	2.625	\$ 915,000	\$ 910,000	\$ 5,000	\$ -	2
60416S	7/1/2020	Serial	2.675	940,000	-	15,000	925,000	2
60416S	1/1/2021	Serial	2.725	965,000	-	20,000	945,000	2
60416S	7/1/2021	Serial	2.775	990,000	-	25,000	965,000	2
60416S	1/1/2022	Serial	2.847	1,015,000	-	25,000	990,000	2
60416S	7/1/2022	Serial	2.897	1,040,000	-	30,000	1,010,000	2
60416S	1/1/2023	Serial	2.942	1,070,000	-	35,000	1,035,000	2
60416S	7/1/2023	Serial	2.992	1,095,000	-	35,000	1,060,000	2
60416S	1/1/2024	Serial	3.042	1,125,000	-	35,000	1,090,000	2
60416S	7/1/2024	Serial	3.092	1,155,000	-	40,000	1,115,000	2
60416S	1/1/2025	Serial	3.207	1,190,000	-	40,000	1,150,000	2
60416S	7/1/2025	Serial	3.237	1,220,000	-	40,000	1,180,000	2
60416S	1/1/2026	Serial	3.317	1,250,000	-	45,000	1,205,000	2
60416S	7/1/2026	Serial	3.367	1,285,000	-	55,000	1,230,000	2
60416S	1/1/2027	Serial	3.471	1,315,000	-	55,000	1,260,000	2
60416S	7/1/2027	Serial	3.521	1,350,000	-	55,000	1,295,000	2
60416S	1/1/2028	Serial	3.571	1,385,000	-	55,000	1,330,000	2
60416S	7/1/2028	Serial	3.621	1,420,000	-	55,000	1,365,000	2
60416S	1/1/2029	Serial	3.671	425,000	-	15,000	410,000	2
60416S	7/1/2029	Serial	3.721	440,000	-	15,000	425,000	2
60416S	7/1/2034	Term (a)	3.971	5,055,000	-	165,000	4,890,000	2
60416S	7/1/2042	Term (b)	4.204	10,855,000	-	365,000	10,490,000	2
				<b>\$ 37,500,000</b>	<b>\$ 910,000</b>	<b>\$ 1,225,000</b>	<b>\$ 35,365,000</b>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2030.
- (b): Sinking fund redemptions begin January 1, 2035.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2019 Series D**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SG87	1/1/2042	Term(a)	Variable*	\$ 45,000,000	\$ -	\$ -	\$ 45,000,000	2
				<u>\$ 45,000,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 45,000,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: April 12, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2033.

\*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2020 was .13%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2019 Series E**

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SP87	7/1/2020	Serial	1.200	\$ 1,235,000	\$ -	\$ 15,000	\$ 1,220,000	2
60416SP95	1/1/2021	Serial	1.300	1,240,000	-	15,000	1,225,000	2
60416SQ29	7/1/2021	Serial	1.350	1,245,000	-	15,000	1,230,000	2
60416SQ37	1/1/2022	Serial	1.400	1,250,000	-	15,000	1,235,000	2
60416SQ45	7/1/2022	Serial	1.450	1,260,000	-	20,000	1,240,000	2
60416SQ52	1/1/2023	Serial	1.500	1,265,000	-	20,000	1,245,000	2
60416SQ60	7/1/2023	Serial	1.550	1,275,000	-	20,000	1,255,000	2
60416SQ78	1/1/2024	Serial	1.600	1,280,000	-	20,000	1,260,000	2
60416SQ86	7/1/2024	Serial	1.650	1,290,000	-	20,000	1,270,000	2
60416SQ94	1/1/2025	Serial	1.700	1,300,000	-	20,000	1,280,000	2
60416SR28	7/1/2025	Serial	1.750	585,000	-	10,000	575,000	2
				<b>\$ 13,225,000</b>	<b>\$ -</b>	<b>\$ 190,000</b>	<b>\$ 13,035,000</b>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2019 Series F**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SR36	7/1/2020	Serial	1.050	\$ 150,000	\$ -	\$ -	\$ 150,000	2
60416SR44	7/1/2025	Serial	1.500	575,000	-	10,000	565,000	2
60416SR51	1/1/2026	Serial	1.550	1,320,000	-	15,000	1,305,000	2
60416SR69	7/1/2026	Serial	1.600	1,325,000	-	15,000	1,310,000	2
60416SR77	1/1/2027	Serial	1.700	1,340,000	-	20,000	1,320,000	2
60416SR85	7/1/2027	Serial	1.750	1,350,000	-	20,000	1,330,000	2
60416SR93	1/1/2028	Serial	1.800	1,365,000	-	20,000	1,345,000	2
60416SS27	7/1/2028	Serial	1.850	1,380,000	-	20,000	1,360,000	2
60416SS35	1/1/2029	Serial	1.900	1,395,000	-	20,000	1,375,000	2
60416SS43	7/1/2029	Serial	1.950	1,410,000	-	20,000	1,390,000	2
60416SS50	1/1/2030	Serial	2.000	1,430,000	-	20,000	1,410,000	2
60416SS68	7/1/2030	Serial	2.050	1,450,000	-	20,000	1,430,000	2
60416SS76	1/1/2031	Serial	2.100	1,470,000	-	20,000	1,450,000	2
60416SS84	7/1/2031	Serial	2.150	1,495,000	-	25,000	1,470,000	2
60416SW48	1/1/2032	Serial	2.250	1,520,000	-	25,000	1,495,000	2
60416SW55	7/1/2032	Serial	2.300	1,540,000	-	25,000	1,515,000	2
60416SS92	7/1/2034	Term (a)	2.450	6,425,000	-	90,000	6,335,000	2
60416ST26	7/1/2039	Term (b)	2.550	18,190,000	-	265,000	17,925,000	2
60416ST34	7/1/2044	Term (c)	2.750	20,655,000	-	295,000	20,360,000	2
60416ST42	1/1/2050	Term (d)	3.750	30,990,000	-	180,000	30,810,000	1
				<u>\$ 96,775,000</u>	<u>\$ -</u>	<u>\$ 1,125,000</u>	<u>\$ 95,650,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2029 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2035.
- (c): Sinking fund redemptions begin January 1, 2040.
- (d): Sinking fund redemptions begin July 1, 2044.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
 Information as of June 30, 2020



**Residential Housing Finance Bonds, 2019 Series G**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Principal Outstanding	Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions		
60416ST59	7/1/2020	Serial	1.760	\$ 760,000	\$ -	\$ 15,000	\$ 745,000	2
60416ST67	1/1/2021	Serial	1.810	775,000	-	15,000	760,000	2
60416ST75	7/1/2021	Serial	1.860	790,000	-	15,000	775,000	2
60416ST83	1/1/2022	Serial	1.846	810,000	-	15,000	795,000	2
60416ST91	7/1/2022	Serial	1.896	825,000	-	15,000	810,000	2
60416SU24	1/1/2023	Serial	1.926	845,000	-	15,000	830,000	2
60416SU32	7/1/2023	Serial	1.976	860,000	-	15,000	845,000	2
60416SU40	1/1/2024	Serial	2.026	880,000	-	15,000	865,000	2
60416SU57	7/1/2024	Serial	2.076	900,000	-	15,000	885,000	2
60416SU65	1/1/2025	Serial	2.149	915,000	-	15,000	900,000	2
60416SU73	7/1/2025	Serial	2.199	935,000	-	15,000	920,000	2
60416SU81	1/1/2026	Serial	2.249	955,000	-	15,000	940,000	2
60416SU99	7/1/2026	Serial	2.299	980,000	-	15,000	965,000	2
60416SV23	1/1/2027	Serial	2.355	1,000,000	-	15,000	985,000	2
60416SV31	7/1/2027	Serial	2.435	1,025,000	-	20,000	1,005,000	2
60416SV49	1/1/2028	Serial	2.485	1,045,000	-	20,000	1,025,000	2
60416SV56	7/1/2028	Serial	2.535	1,065,000	-	20,000	1,045,000	2
60416SV64	1/1/2029	Serial	2.585	1,090,000	-	20,000	1,070,000	2
60416SV72	7/1/2029	Serial	2.635	1,115,000	-	20,000	1,095,000	2
60416SV80	1/1/2030	Serial	2.655	1,135,000	-	20,000	1,115,000	2
60416SV98	7/1/2030	Serial	2.705	1,160,000	-	25,000	1,135,000	2
60416SW22	7/1/2034	Term (a)	2.905	10,220,000	-	185,000	10,035,000	2
60416SW30	1/1/2040	Term (b)	3.164	15,930,000	-	285,000	15,645,000	2
				<u>\$ 46,015,000</u>	<u>\$ -</u>	<u>\$ 825,000</u>	<u>\$ 45,190,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2029 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2031.
- (b): Sinking fund redemptions begin January 1, 2035.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2019 Series H**

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SP61	1/1/2050	Term(a)	Variable*	\$ 43,985,000	\$ -	\$ -	\$ 43,985,000	2
				<u>\$ 43,985,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 43,985,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: September 12, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2040.

\*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2020 was .16%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2020 Series A**

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S2X7	7/1/2020	Serial	1.050	\$ 125,000	\$ -	\$ -	\$ 125,000	2
60416S2Y5	1/1/2021	Serial	1.100	1,170,000	-	-	1,170,000	2
60416S2Z2	7/1/2021	Serial	1.150	1,690,000	-	-	1,690,000	2
60416S3A6	1/1/2022	Serial	1.250	1,710,000	-	-	1,710,000	2
60416S3B4	7/1/2022	Serial	1.300	1,730,000	-	-	1,730,000	2
60416S3C2	1/1/2023	Serial	1.350	1,750,000	-	-	1,750,000	2
60416S3D0	7/1/2023	Serial	1.350	1,775,000	-	-	1,775,000	2
60416S3E8	1/1/2024	Serial	1.450	1,795,000	-	-	1,795,000	2
60416S3F5	7/1/2024	Serial	1.450	1,820,000	-	-	1,820,000	2
60416S3G3	1/1/2025	Serial	1.550	1,840,000	-	-	1,840,000	2
60416S3H1	7/1/2025	Serial	1.550	1,865,000	-	-	1,865,000	2
60416S3J7	1/1/2026	Serial	1.650	1,890,000	-	-	1,890,000	2
60416S3K4	7/1/2026	Serial	1.700	1,690,000	-	-	1,690,000	2
				<b>\$ 20,850,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,850,000</b>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2020 Series B**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S3L2	7/1/2020	Serial	0.950	\$ 520,000	\$ -	\$ -	\$ 520,000	2
60416S3M0	1/1/2021	Serial	0.950	500,000	-	-	500,000	2
60416S3N8	7/1/2026	Serial	1.450	230,000	-	-	230,000	2
60416S3P3	1/1/2027	Serial	1.550	1,950,000	-	-	1,950,000	2
60416S3Q1	7/1/2027	Serial	1.600	1,975,000	-	-	1,975,000	2
60416S3R9	1/1/2028	Serial	1.650	2,005,000	-	-	2,005,000	2
60416S3S7	7/1/2028	Serial	1.700	2,035,000	-	-	2,035,000	2
60416S3T5	1/1/2029	Serial	1.750	2,075,000	-	-	2,075,000	2
60416S3U2	7/1/2029	Serial	1.800	2,110,000	-	-	2,110,000	2
60416S3V0	1/1/2030	Serial	1.850	2,140,000	-	-	2,140,000	2
60416S3W8	7/1/2030	Serial	1.900	2,180,000	-	-	2,180,000	2
60416S3X6	1/1/2031	Serial	2.000	2,215,000	-	-	2,215,000	2
60416S3Y4	7/1/2031	Serial	2.000	2,260,000	-	-	2,260,000	2
60416S3Z1	1/1/2032	Serial	2.100	2,300,000	-	-	2,300,000	2
60416S4A5	7/1/2032	Serial	2.100	2,345,000	-	-	2,345,000	2
60416S4B3	1/1/2035	Term (a)	2.400	12,440,000	-	-	12,440,000	2
60416S4C1	1/1/2040	Term (b)	2.625	28,910,000	-	-	28,910,000	2
60416S4D9	1/1/2044	Term (c)	2.800	25,815,000	-	-	25,815,000	2
60416S4E7	7/1/2050	Term (d)	3.500	55,145,000	-	280,000	54,865,000	1
				<u>\$ 149,150,000</u>	<u>\$ -</u>	<u>\$ 280,000</u>	<u>\$ 148,870,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin July 1, 2035.
- (c): Sinking fund redemptions begin July 1, 2040.
- (d): Sinking fund redemptions begin January 1, 2044.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
Information as of June 30, 2020



**Residential Housing Finance Bonds, 2020 Series C**

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Principal Outstanding	Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions		
60416S4F4	7/1/2020	Serial	1.670	\$ 155,000	\$ -	\$ -	\$ 155,000	2
60416S4G2	1/1/2021	Serial	1.690	510,000	-	-	510,000	2
60416S4H0	7/1/2021	Serial	1.690	520,000	-	-	520,000	2
60416S4J6	1/1/2022	Serial	1.720	525,000	-	-	525,000	2
60416S4K3	7/1/2022	Serial	1.770	535,000	-	-	535,000	2
60416S4L1	1/1/2023	Serial	1.816	545,000	-	-	545,000	2
60416S4M9	7/1/2023	Serial	1.866	555,000	-	-	555,000	2
60416S4N7	1/1/2024	Serial	1.957	565,000	-	-	565,000	2
60416S4P2	7/1/2024	Serial	2.007	575,000	-	-	575,000	2
60416S4Q0	1/1/2025	Serial	2.037	585,000	-	-	585,000	2
60416S4R8	7/1/2025	Serial	2.087	595,000	-	-	595,000	2
60416S4S6	1/1/2026	Serial	2.211	605,000	-	-	605,000	2
60416S4T4	7/1/2026	Serial	2.261	620,000	-	-	620,000	2
60416S4U1	1/1/2027	Serial	2.311	630,000	-	-	630,000	2
60416S4V9	7/1/2027	Serial	2.361	645,000	-	-	645,000	2
60416S4W7	1/1/2028	Serial	2.491	655,000	-	-	655,000	2
60416S4X5	7/1/2028	Serial	2.541	670,000	-	-	670,000	2
60416S4Y3	1/1/2029	Serial	2.591	685,000	-	-	685,000	2
60416S4Z0	7/1/2029	Serial	2.641	700,000	-	-	700,000	2
60416S5A4	1/1/2030	Serial	2.691	710,000	-	-	710,000	2
60416S5B2	7/1/2030	Serial	2.741	735,000	-	-	735,000	2
60416S5C0	1/1/2035	Term (a)	2.941	7,370,000	-	-	7,370,000	2
60416S5D8	1/1/2040	Term (b)	3.237	10,250,000	-	-	10,250,000	2
60416S5E6	1/1/2044	Term (c)	3.337	9,290,000	-	-	9,290,000	2
60416S5F3	7/1/2050	Term (d)	2.657	20,770,000	-	150,000	20,620,000	1
				<u>\$ 60,000,000</u>	<u>\$ -</u>	<u>\$ 150,000</u>	<u>\$ 59,850,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2031.
- (b): Sinking fund redemptions begin July 1, 2035.
- (c): Sinking fund redemptions begin July 1, 2040.
- (d): Sinking fund redemptions begin January 1, 2044.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2020 Series D**

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S5G1	1/1/2021	Serial	0.450	\$ 1,225,000	\$ -	\$ -	\$ 1,225,000	2
60416S5H9	7/1/2021	Serial	0.500	1,495,000	-	-	1,495,000	2
60416S5J5	1/1/222	Serial	0.600	1,505,000	-	-	1,505,000	2
60416S5K2	7/1/2022	Serial	0.650	1,620,000	-	-	1,620,000	2
60416S5L0	1/1/2023	Serial	0.850	1,635,000	-	-	1,635,000	2
60416S5M8	7/1/2023	Serial	0.900	1,650,000	-	-	1,650,000	2
60416S5N6	1/1/2024	Serial	1.050	1,665,000	-	-	1,665,000	2
60416S5P1	7/1/2024	Serial	1.050	1,680,000	-	-	1,680,000	2
60416S5Q9	1/1/2025	Serial	1.350	1,700,000	-	-	1,700,000	2
60416S5R7	7/1/2025	Serial	1.400	1,570,000	-	-	1,570,000	2
60416S5S5	1/1/2026	Serial	1.625	1,590,000	-	-	1,590,000	2
60416S5T3	7/1/2026	Serial	1.650	1,615,000	-	-	1,615,000	2
60416S5U0	1/1/2027	Serial	1.800	350,000	-	-	350,000	2
				<b>\$ 19,300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 19,300,000</b>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series D and 2020 Series E.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series E PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION**  
**BONDS OUTSTANDING AND CALL PRIORITY**  
**Information as of June 30, 2020**



**Residential Housing Finance Bonds, 2020 Series E**

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S5V8	1/1/2021	Serial	0.300	\$ 100,000	\$ -	\$ -	\$ 100,000	2
60416S5W6	7/1/2021	Serial	0.350	100,000	-	-	100,000	2
60416S5X4	1/1/2022	Serial	0.400	100,000	-	-	100,000	2
60416S5Y2	7/1/2025	Serial	1.200	150,000	-	-	150,000	2
60416S5Z9	1/1/2026	Serial	1.400	150,000	-	-	150,000	2
60416S56A3	7/1/2026	Serial	1.450	150,000	-	-	150,000	2
60416S56B1	1/1/2027	Serial	1.550	1,435,000	-	-	1,435,000	2
60416S56C9	7/1/2027	Serial	1.600	1,810,000	-	-	1,810,000	2
60416S56D7	1/1/2028	Serial	1.750	1,835,000	-	-	1,835,000	2
60416S56E5	7/1/2028	Serial	1.750	1,865,000	-	-	1,865,000	2
60416S56F2	1/1/2029	Serial	1.850	1,890,000	-	-	1,890,000	2
60416S56G0	7/1/2029	Serial	1.900	1,920,000	-	-	1,920,000	2
60416S56H8	1/1/2030	Serial	1.950	1,950,000	-	-	1,950,000	2
60416S56J4	7/1/2030	Serial	2.000	1,980,000	-	-	1,980,000	2
60416S56K1	1/1/2031	Serial	2.050	2,010,000	-	-	2,010,000	2
60416S56L9	7/1/2031	Serial	2.050	2,040,000	-	-	2,040,000	2
60416S56M7	1/1/2032	Serial	2.150	2,075,000	-	-	2,075,000	2
60416S56N5	7/1/2032	Serial	2.200	2,105,000	-	-	2,105,000	2
60416S56P0	7/1/2035	Term (a)	2.250	13,390,000	-	-	13,390,000	2
60416S56Q8	7/1/2040	Term (b)	2.500	25,650,000	-	-	25,650,000	2
60416S56R6	7/1/2044	Term (c)	2.700	23,030,000	-	-	23,030,000	2
60416S56S4	7/1/2050	Term (d)	3.500	44,965,000	-	-	44,965,000	1
				<u>\$ 130,700,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 130,700,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series D and 2020 Series E.

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series E PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2036.
- (c): Sinking fund redemptions begin January 1, 2041.
- (d): Sinking fund redemptions begin July 1, 2044.

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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2006 N</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	<p><u>Prepayments:</u> 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).</p> <p><u>Excess Revenues:</u> 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.</p>

<b>Residential Housing Finance 2007 Series M</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, 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 June 30, 2020**

<b>Residential Housing Finance 2012 Series A, B, C and D</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	<p><u>Prepayments:</u>            To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency (exclusive of prepayments allocable to Unrestricted Transferred Program Loans as described in the Official Statement).</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>April 26, 2012 to April 25, 2022</td> <td align="center">58.97%</td> </tr> <tr> <td>April 26, 2022 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u>            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).</p>	<u>Dates</u>	<u>Percentages</u>	April 26, 2012 to April 25, 2022	58.97%	April 26, 2022 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
April 26, 2012 to April 25, 2022	58.97%						
April 26, 2022 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2013 Series A and C</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">June 20, 2013 to December 31, 2022</td> <td align="center">49.30%</td> </tr> <tr> <td align="center">January 1, 2023 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	June 20, 2013 to December 31, 2022	49.30%	January 1, 2023 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
June 20, 2013 to December 31, 2022	49.30%						
January 1, 2023 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2014 Series A</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">March 26, 2014 to March 25, 2024</td> <td align="center">0.00%</td> </tr> <tr> <td align="center">March 26, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	March 26, 2014 to March 25, 2024	0.00%	March 26, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
March 26, 2014 to March 25, 2024	0.00%						
March 26, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2014 Series B</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>April 30, 2014 to April 29, 2024</td> <td align="center">0.00%</td> </tr> <tr> <td>April 30, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	April 30, 2014 to April 29, 2024	0.00%	April 30, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
April 30, 2014 to April 29, 2024	0.00%						
April 30, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2014 Series C, D and E</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">December 16, 2014 to December 15, 2024</td> <td align="center">65.94%</td> </tr> <tr> <td align="center">December 16, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	December 16, 2014 to December 15, 2024	65.94%	December 16, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
December 16, 2014 to December 15, 2024	65.94%						
December 16, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2015 Series A, C and D</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>August 11, 2015 to August 10, 2025</td> <td align="center">47.52%</td> </tr> <tr> <td>August 11, 2025 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	August 11, 2015 to August 10, 2025	47.52%	August 11, 2025 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
August 11, 2015 to August 10, 2025	47.52%						
August 11, 2025 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2015 Series E, F and G</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">December 8, 2015 to December 7, 2025</td> <td align="center">56.73%</td> </tr> <tr> <td align="center">December 8, 2025 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	December 8, 2015 to December 7, 2025	56.73%	December 8, 2025 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
December 8, 2015 to December 7, 2025	56.73%						
December 8, 2025 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2016 Series A, B and C</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>June 22, 2016 to June 21, 2026</td> <td align="center">47.22%</td> </tr> <tr> <td>June 22, 2026 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	June 22, 2016 to June 21, 2026	47.22%	June 22, 2026 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
June 22, 2016 to June 21, 2026	47.22%						
June 22, 2026 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2016 Series D, E and F</b>																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
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Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>December 22, 2016 to June 30, 2017</td> <td align="right">39.79%</td> </tr> <tr> <td>July 1, 2017 to June 30, 2018</td> <td align="right">40.21</td> </tr> <tr> <td>July 1, 2018 to June 30, 2020</td> <td align="right">41.04</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td align="right">43.95</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td align="right">46.82</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td align="right">48.51</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td align="right">52.74</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td align="right">56.34</td> </tr> <tr> <td>July 1, 2025 to December 21, 2026</td> <td align="right">60.83</td> </tr> <tr> <td>December 22, 2026 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	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
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2017 Series A, B and C</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																						
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<u>Dates</u>	<u>Percentages</u>																						
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2017 Series D, E and F</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>December 21, 2017 to June 30, 2018</td> <td align="right">24.89%</td> </tr> <tr> <td>July 1, 2018 to June 30, 2020</td> <td align="right">26.99</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td align="right">28.30</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td align="right">29.31</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td align="right">30.95</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td align="right">33.78</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td align="right">35.97</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td align="right">39.84</td> </tr> <tr> <td>July 1, 2026 to July 18, 2027</td> <td align="right">40.37</td> </tr> <tr> <td>December 21, 2027 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	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
<u>Dates</u>	<u>Percentages</u>																						
December 21, 2017 to June 30, 2018	24.89%																						
July 1, 2018 to June 30, 2020	26.99																						
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2018 Series A, B, C and D</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	Series A, B and C: Anytime. Series D: on or after January 1, 2023																				
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from 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.</p> <p>10-Year Rule Requirements</p> <table border="1"> <thead> <tr> <th><u>Dates</u></th> <th><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>June 28, 2018 to June 30, 2020</td> <td>24.91%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td>27.79</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td>29.73</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td>33.12</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td>37.64</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td>43.42</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td>51.93</td> </tr> <tr> <td>July 1, 2026 to June 27, 2028</td> <td>54.65</td> </tr> <tr> <td>June 28, 2028 and thereafter</td> <td>100.00</td> </tr> </tbody> </table> <p>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)).</p>	<u>Dates</u>	<u>Percentages</u>	June 28, 2018 to June 30, 2020	24.91%	July 1, 2020 to June 30, 2021	27.79	July 1, 2021 to June 30, 2022	29.73	July 1, 2022 to June 30, 2023	33.12	July 1, 2023 to June 30, 2024	37.64	July 1, 2024 to June 30, 2025	43.42	July 1, 2025 to June 30, 2026	51.93	July 1, 2026 to June 27, 2028	54.65	June 28, 2028 and thereafter	100.00
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

	<p>Prepayments and scheduled repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series C Bonds in excess of scheduled principal payments on 2018 Series C Bonds will be applied first to redeem 2018 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2018 Series A Bonds, 2018 Series B Bonds and 2018 Series D Bonds (other than the Series B July 2048 PAC Term Bonds)).</p> <p><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).</p>
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<b>Residential Housing Finance 2018 Series E, F, G and H</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	Series E, F, G: Anytime. Series H: on or after July 1, 2023																						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities allocable to 2018 Series E Bonds, 2018 Series F Bonds and 2018 Series H Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>December 12, 2018 to June 30, 2020</td> <td style="text-align: right;">11.30%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td style="text-align: right;">13.54</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td style="text-align: right;">15.69</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td style="text-align: right;">17.40</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td style="text-align: right;">23.60</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td style="text-align: right;">27.15</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td style="text-align: right;">34.92</td> </tr> <tr> <td>July 1, 2026 to June 30, 2027</td> <td style="text-align: right;">36.13</td> </tr> <tr> <td>July 1, 2027 to December 11, 2028</td> <td style="text-align: right;">37.74</td> </tr> <tr> <td>December 12, 2028 and thereafter</td> <td style="text-align: right;">100.00</td> </tr> </tbody> </table>	<u>Dates</u>	<u>Percentages</u>	December 12, 2018 to June 30, 2020	11.30%	July 1, 2020 to June 30, 2021	13.54	July 1, 2021 to June 30, 2022	15.69	July 1, 2022 to June 30, 2023	17.40	July 1, 2023 to June 30, 2024	23.60	July 1, 2024 to June 30, 2025	27.15	July 1, 2025 to June 30, 2026	34.92	July 1, 2026 to June 30, 2027	36.13	July 1, 2027 to December 11, 2028	37.74	December 12, 2028 and thereafter	100.00
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**Residential Housing Finance Bond Resolution  
 Summary of Special Redemption Provisions  
 Information as of June 30, 2020**

	<p>All prepayments must be applied first to redeem the Series E January 2049 PAC Term Bonds in accordance with the cumulative redemption schedule. Tax-Exempt Receipts, to the extent required by federal tax law, must then be applied to redeem outstanding 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds selected by Agency option (other than the Series E January 2049 PAC Term Bonds unless no other 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2049 PAC Term Bonds)).</p> <p>Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2018 Series G Bonds in excess of scheduled principal payments on 2018 Series G Bonds will be applied first to redeem Series E January 2049 PAC Term Bonds, if Tax-Exempt Receipts are insufficient, then to redeem 2018 Series G Bonds and then to redeem any outstanding Bonds at Agency option (including the 2018 Series E Bonds, 2018 Series F Bonds and 2018 Series H Bonds (other than the Series E January 2049 PAC Term Bonds)).</p> <p><u>Excess Revenues:</u>        Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2049 PAC Term Bonds beyond their cumulative redemption schedule)</p>
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2019 Series A, B, C and D</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans and Program Loans backing Program Securities, allocable to 2019 Series A Bonds, 2019 Series B Bonds and 2019 Series D Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>April 11, 2019 to June 30, 2020</td> <td align="right">28.92%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td align="right">29.41</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td align="right">29.90</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td align="right">30.36</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td align="right">31.51</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td align="right">33.07</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td align="right">34.90</td> </tr> <tr> <td>July 1, 2026 to June 30, 2027</td> <td align="right">35.15</td> </tr> <tr> <td>July 1, 2027 to April 10, 2029</td> <td align="right">36.12</td> </tr> <tr> <td>April 11, 2029 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series B July 2049 PAC Term Bonds in accordance with the cumulative redemption schedule. Tax-Exempt Receipts, to the extent required by federal tax law, must then be applied to redeem outstanding 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds selected by Agency option (other than the Series B July 2049 PAC Term Bonds unless no other 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2049 PAC Term Bonds)).</p>	<u>Dates</u>	<u>Percentages</u>	April 11, 2019 to June 30, 2020	28.92%	July 1, 2020 to June 30, 2021	29.41	July 1, 2021 to June 30, 2022	29.90	July 1, 2022 to June 30, 2023	30.36	July 1, 2023 to June 30, 2024	31.51	July 1, 2024 to June 30, 2025	33.07	July 1, 2025 to June 30, 2026	34.90	July 1, 2026 to June 30, 2027	35.15	July 1, 2027 to April 10, 2029	36.12	April 11, 2029 and thereafter	100.00
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

	<p>Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2019 Series C Bonds in excess of scheduled principal payments on 2019 Series C Bonds will be applied first to redeem Series B July 2049 PAC Term Bonds, if Tax-Exempt Receipts are insufficient, then to redeem 2019 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2019 Series A Bonds, 2019 Series B Bonds and 2019 Series D Bonds (other than the Series B July 2049 PAC Term Bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2049 PAC Term Bonds beyond their cumulative redemption schedule).</p>
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<b>Residential Housing Finance 2019 Series E, F, G and H</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2019 Series E Bonds and 2019 Series F Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2019 Series E Bonds or 2019 Series F Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>September 11, 2019 to June 30, 2020</td> <td align="right">11.24%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td align="right">14.03</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td align="right">16.76</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td align="right">23.25</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td align="right">30.03</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td align="right">39.72</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td align="right">53.52</td> </tr> <tr> <td>July 1, 2026 to June 30, 2027</td> <td align="right">56.29</td> </tr> <tr> <td>July 1, 2027 to June 30, 2028</td> <td align="right">62.27</td> </tr> <tr> <td>July 1, 2028 to September 10, 2029</td> <td align="right">64.44</td> </tr> <tr> <td>September 11, 2029 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table>	<u>Dates</u>	<u>Percentages</u>	September 11, 2019 to June 30, 2020	11.24%	July 1, 2020 to June 30, 2021	14.03	July 1, 2021 to June 30, 2022	16.76	July 1, 2022 to June 30, 2023	23.25	July 1, 2023 to June 30, 2024	30.03	July 1, 2024 to June 30, 2025	39.72	July 1, 2025 to June 30, 2026	53.52	July 1, 2026 to June 30, 2027	56.29	July 1, 2027 to June 30, 2028	62.27	July 1, 2028 to September 10, 2029	64.44	September 11, 2029 and thereafter	100.00
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

	<p>Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series F January 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2019 Series E Bonds or 2019 Series F Bonds selected by Agency option (other than the Series F January 2050 PAC Term Bonds unless no other 2019 Series E Bonds or 2019 Series F Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series F January 2050 PAC Term Bonds)).</p> <p>Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2019 Series G Bonds and 2019 Series H Bonds in excess of scheduled principal payments on 2019 Series G Bonds or 2019 Series H Bonds will be applied first to redeem 2019 Series G or 2019 Series H Bonds and then to redeem any outstanding Bonds at Agency option (including the 2019 Series E Bonds or 2019 Series F Bonds (other than the Series F January 2050 PAC Term Bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series F January 2050 PAC Term Bonds beyond their cumulative redemption schedule).</p>
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<b>Residential Housing Finance 2020 Series A, B and C</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
	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program</p>

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<p>Call Priority From Prepayments or Excess Revenue</p>	<p>Securities, allocable to 2020 Series A Bonds and 2020 Series B Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2020 Series A Bonds or 2020 Series B Bonds, selected by the Agency.</p>																							
	<p>10-Year Rule Requirements</p> <table border="1" data-bbox="848 443 1904 776"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>February 18, 2020 to June 30, 2020</td> <td align="right">12.21%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td align="right">15.04</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td align="right">18.44</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td align="right">24.26</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td align="right">31.77</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td align="right">41.78</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td align="right">53.79</td> </tr> <tr> <td>July 1, 2026 to June 30, 2027</td> <td align="right">57.27</td> </tr> <tr> <td>July 1, 2027 to June 30, 2028</td> <td align="right">63.60</td> </tr> <tr> <td>July 1, 2028 to February 17, 2030</td> <td align="right">68.01</td> </tr> <tr> <td>February 18, 2030 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table> <p>Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series B July 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2020 Series A Bonds or 2020 Series B Bonds selected by Agency option (other than the Series B July 2050 PAC Term Bonds unless no other 2020 Series A Bonds or 2020 Series B Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2050 PAC Term Bonds and the Series C July 2050 PAC Term Bonds)).</p> <p>Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2020 Series C Bonds in excess of scheduled principal payments on 2020 Series C Bonds (the "Taxable Receipts") must be applied first to redeem the Series C July 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then to redeem 2020 Series C Bonds, and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the 2020 Series A Bonds or 2020 Series B Bonds (other than the Series B July 2050 PAC Term Bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2050 PAC Term Bonds and Series C July 2050 PAC Term Bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	February 18, 2020 to June 30, 2020	12.21%	July 1, 2020 to June 30, 2021	15.04	July 1, 2021 to June 30, 2022	18.44	July 1, 2022 to June 30, 2023	24.26	July 1, 2023 to June 30, 2024	31.77	July 1, 2024 to June 30, 2025	41.78	July 1, 2025 to June 30, 2026	53.79	July 1, 2026 to June 30, 2027	57.27	July 1, 2027 to June 30, 2028	63.60	July 1, 2028 to February 17, 2030	68.01	February 18, 2030 and thereafter
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of June 30, 2020**

<b>Residential Housing Finance 2020 Series D and E</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	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <table border="1"> <thead> <tr> <th><u>Dates</u></th> <th><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>June 24, 2020 to June 30, 2021</td> <td>15.86%</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td>18.36</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td>23.67</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td>28.84</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td>37.54</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td>49.80</td> </tr> <tr> <td>July 1, 2026 to June 30, 2027</td> <td>52.39</td> </tr> <tr> <td>July 1, 2027 to June 30, 2028</td> <td>59.24</td> </tr> <tr> <td>July 1, 2028 to June 23, 2030</td> <td>66.86</td> </tr> <tr> <td>June 24, 2030 and thereafter</td> <td>100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series E July 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E July 2050 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E July 2050 PAC Term Bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E July 2050 PAC Term Bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	June 24, 2020 to June 30, 2021	15.86%	July 1, 2021 to June 30, 2022	18.36	July 1, 2022 to June 30, 2023	23.67	July 1, 2023 to June 30, 2024	28.84	July 1, 2024 to June 30, 2025	37.54	July 1, 2025 to June 30, 2026	49.80	July 1, 2026 to June 30, 2027	52.39	July 1, 2027 to June 30, 2028	59.24	July 1, 2028 to June 23, 2030	66.86	June 24, 2030 and thereafter	100.00
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June 24, 2030 and thereafter	100.00																						

**Residential Housing Finance Bond Resolution  
Tax Restricted Prepayments and Repayments  
Information as of June 30, 2020**



RHFB 2012 ABCD	
Date	Percent
06/30/2020	58.97%
04/26/2022	100.00%

RHFB 2013 ABC	
Date	Percent
06/30/2020	49.30%
01/01/2023	100.00%

RHFB 2014 A	
Date	Percent
06/30/2020	0.00%
03/26/2024	100.00%

RHFB 2014 B	
Date	Percent
06/30/2020	0.00%
04/30/2024	100.00%

RHFB 2014 CDE	
Date	Percent
06/30/2020	65.94%
12/16/2024	100.00%

RHFB 2015 ABCD	
Date	Percent
06/30/2020	47.52%
08/11/2025	100.00%

RHFB 2015 EFG	
Date	Percent
06/30/2020	56.73%
12/08/2025	100.00%

RHFB 2016 AB <sup>1</sup>	
Date	Percent
06/30/2020	47.22%
06/22/2026	100.00%

RHFB 2016 DEF	
Date	Percent
06/30/2020	41.04%
07/01/2020	43.95%
07/01/2021	46.82%
07/01/2022	48.51%
07/01/2023	52.74%
07/01/2024	56.34%
07/01/2025	60.83%
12/22/2026	100.00%

RHFB 2017 ABC	
Date	Percent
06/30/2020	67.07%
07/01/2020	68.53%
07/01/2021	69.87%
07/01/2022	72.18%
07/01/2023	76.38%
07/01/2024	80.07%
07/01/2025	85.40%
07/01/2026	85.82%
07/19/2027	100.00%

RHFB 2017 DEF	
Date	Percent
06/30/2020	26.99%
07/01/2020	28.30%
07/01/2021	29.31%
07/01/2022	30.95%
07/01/2023	33.78%
07/01/2024	35.97%
07/01/2025	39.84%
07/01/2026	40.37%
12/21/2027	100.00%

RHFB 2018 ABD <sup>2</sup>	
Date	Percent
06/30/2020	24.91%
07/01/2020	27.79%
07/01/2021	29.73%
07/01/2022	33.12%
07/01/2023	37.64%
07/01/2024	43.42%
07/01/2025	51.93%
07/01/2026	54.65%
07/28/2028	100.00%

RHFB 2018 EFH <sup>3</sup>	
Date	Percent
06/30/2020	11.30%
07/01/2020	13.54%
07/01/2021	15.69%
07/01/2022	17.40%
07/01/2023	23.60%
07/01/2024	27.15%
07/01/2025	34.92%
07/01/2026	36.13%
07/01/2027	37.74%
12/12/2028	100.00%

RHFB 2019 ABD <sup>4</sup>	
Date	Percent
06/30/2020	28.92%
07/01/2020	29.41%
07/01/2021	29.90%
07/01/2022	30.36%
07/01/2023	31.51%
07/01/2024	33.07%
07/01/2025	34.90%
07/01/2026	35.15%
07/01/2027	36.12%
04/11/2029	100.00%

RHFB 2019 EF <sup>5</sup>	
Date	Percent
06/30/2020	11.24%
07/01/2020	14.03%
07/01/2021	16.76%
07/01/2022	23.25%
07/01/2023	30.03%
07/01/2024	39.72%
07/01/2025	53.52%
07/01/2026	56.29%
07/01/2027	62.27%
07/01/2028	64.44%
09/11/2029	100.00%

- 1 Although the RHFB 2016 AB Bonds were issued with the RHFB 2016 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Tax-Exempt Loans, the Transferred Tax-Exempt Participation Loans and the Program Loans backing Program Securities acquired with proceeds of the 2016 Series B Bonds. The prepayments and repayments from the Transferred Taxable Loans are not tax-restricted, but are dedicated to payment of the 2016 Series C Bonds.
- 2 Although the RHFB 2018 ABD Bonds were issued with the RHFB 2018 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Program Loans and the Program Loans backing Program Securities acquired with proceeds of the 2018 Series ABD Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series C Bonds.
- 3 Although the RHFB 2018 EFH Bonds were issued with the RHFB 2018 Series G Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series EFH Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series G Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series G Bonds.
- 4 Although the RHFB 2019 ABD Bonds were issued with the RHFB 2019 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Program Loans and the Program Loans backing Program Securities acquired with proceeds of the 2019 Series ABD Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series C Bonds.
- 5 Although the RHFB 2019 EF Bonds were issued with the RHFB 2019 Series G (Taxable) and 2019 H Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series EF Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series GH Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series GH Bonds.

**Residential Housing Finance Bond Resolution  
Tax Restricted Prepayments and Repayments  
Information as of June 30, 2020**



<b>RHFB 2020 AB<sup>6</sup></b>	
Date	Percent
06/30/2020	12.21%
07/01/2020	15.04%
07/01/2021	18.44%
07/01/2022	24.26%
07/01/2023	31.77%
07/01/2024	41.78%
07/01/2025	53.79%
07/01/2026	57.27%
07/01/2027	63.60%
07/01/2028	68.01%
02/18/2030	100.00%

<b>RHFB 2020 DE</b>	
Date	Percent
06/30/2020	15.86%
07/01/2021	18.36%
07/01/2022	23.67%
07/01/2023	28.84%
07/01/2024	37.54%
07/01/2025	49.80%
07/01/2026	52.39%
07/01/2027	59.24%
07/28/2028	66.86%
06/24/2030	100.00%

6 Although the RHFB 2020 AB Bonds were issued with the RHFB 2020 Series C (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2020 Series AB Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2020 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2020 Series C Bonds.

**Residential Housing Finance Bond Resolution  
Investments  
Information as of June 30, 2020**



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	436,649
None	Revenue	GNMA II POOL #755394	7/20/2040	4.25000	68,250
None	Revenue	GNMA II POOL #755398	7/20/2040	4.75000	122,415
None	Revenue	GNMA II POOL #755421	11/20/2040	4.00000	60,091
None	Revenue	GNMA II POOL #755715	12/20/2040	4.00000	309,070
None	Revenue	GNMA II POOL #755712	12/20/2040	3.37500	213,231
None	Revenue	GNMA II POOL #755719	11/20/2040	4.50000	261,247
None	Revenue	GNMA II POOL #755884	1/20/2041	3.62500	184,668
None	Revenue	GNMA II POOL #755885	1/20/2041	3.87500	313,367
None	Revenue	GNMA II POOL #755996	1/20/2041	4.12500	87,840
None	Revenue	GNMA II POOL #755997	1/20/2041	4.37500	105,365
None	Revenue	GNMA II POOL #755998	7/20/2040	4.62500	116,674
None	Revenue	GNMA II POOL #756018	1/20/2041	4.12500	127,075
None	Revenue	GNMA II POOL #756055	1/20/2041	4.12500	126,636
None	Revenue	GNMA II POOL #755753	1/20/2041	3.37500	161,231
None	Revenue	GNMA II POOL #755735	1/20/2041	3.37500	228,363
None	Revenue	GNMA II POOL #755737	1/20/2041	3.87500	288,315
None	Revenue	GNMA II POOL #755714	12/20/2040	3.87500	78,260
None	Revenue	GNMA II POOL #755799	1/20/2041	3.62500	104,261
None	Revenue	GNMA II POOL #AF0609	7/20/2043	2.50000	741,196
None	Revenue	FNMA POOL #AH5485	1/1/2041	4.12500	49,090
None	Revenue	FNMA POOL #AT9858	5/1/2043	2.90000	350,097
None	Revenue	FNMA POOL #AU7184	5/1/2043	3.00000	185,818
None	Revenue	FNMA POOL #AU7183	7/1/2043	3.00000	1,273,045
None	Revenue	North Dakota Housing Finance Agency	7/1/2039	1.01518	7,900,000
None	Revenue	North Dakota Housing Finance Agency	7/1/2044	1.13749	6,055,000
None	Revenue	Orange County Florida Housing Finance Auth.	4/15/2040	0.22984	3,000,000
None	Revenue	Pinellas County Florida Housing Finance Auth.	1/1/2043	0.21016	1,030,000
None	Revenue	Pinellas County Florida Housing Finance Auth.	10/1/2048	0.21016	4,275,000
None	Revenue	Sunshine Florida Government Finance Auth.	9/1/2035	0.88000	2,800,000
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	0.04601	25,081,246
06LMN	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	7,200
06LMN	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	5,000
06LMN	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	9,095
06LMN	Redemption	Government Money Market Fund	Daily	0.04601	70,000
06LMN	Revenue	Government Money Market Fund	Daily	0.04601	108,310
07M	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	459,695
07M	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	11,369
07M	Debt Service Reserve	Transamerica Life Insurance Company Inv. Agmt.	7/1/2048	5.26000	410,400
07M	Redemption	Government Money Market Fund	Daily	0.04601	810,000
07M	Revenue	Government Money Market Fund	Daily	0.04601	58,587
12ABCD	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	650,223

**Residential Housing Finance Bond Resolution**  
**Investments**  
**Information as of June 30, 2020**



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
12ABCD	Bond Fund Principal	Government Money Market Fund	Daily	0.04601 %	\$ 1,190,000
12ABCD	Debt Service Reserve	FNMA POOL #AT7540	7/1/2043	2.90000	388,032
12ABCD	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	1,018,723
12ABCD	Redemption	Government Money Market Fund	Daily	0.04601	555,000
12ABCD	Revenue	Government Money Market Fund	Daily	0.04601	909,070
13ABC	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	502,563
13ABC	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	1,065,000
13ABC	Debt Service Reserve	FNMA POOL #AT7541	7/1/2043	3.02500	668,094
13ABC	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	495,109
13ABC	Redemption	Government Money Market Fund	Daily	0.04601	455,000
13ABC	Revenue	Government Money Market Fund	Daily	0.04601	592,844
14A	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	155,015
14A	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	115,000
14A	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	354,900
14A	Redemption	Government Money Market Fund	Daily	0.04601	570,000
14A	Revenue	Government Money Market Fund	Daily	0.04601	1,319,550
14B	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	148,300
14B	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	38,333
14B	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	352,500
14B	Redemption	Government Money Market Fund	Daily	0.04601	170,000
14B	Revenue	Government Money Market Fund	Daily	0.04601	695,407
14CDE	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	1,648,783
14CDE	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	2,110,000
14CDE	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	3,117,750
14CDE	Redemption	Government Money Market Fund	Daily	0.04601	1,690,000
14CDE	Revenue	Government Money Market Fund	Daily	0.04601	3,972,148
15ABCD	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	830,189
15ABCD	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	875,000
15ABCD	Debt Service Reserve	FNMA POOL #AT7535	6/1/2043	2.77500	526,072
15ABCD	Debt Service Reserve	FNMA POOL #AU3005	6/1/2043	2.90000	316,921
15ABCD	Debt Service Reserve	GNMA II POOL #AC8310	1/20/2043	2.50000	55,171
15ABCD	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	1,279,085
15ABCD	Redemption	Government Money Market Fund	Daily	0.04601	2,040,000
15ABCD	Revenue	Government Money Market Fund	Daily	0.04601	2,175,017
15EFG	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	1,018,087
15EFG	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	1,020,000
15EFG	Debt Service Reserve	FNMA POOL #AH099	12/1/2040	3.45000	95,993
15EFG	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	3,089,573
15EFG	Redemption	Government Money Market Fund	Daily	0.04601	2,100,000
15EFG	Revenue	Government Money Market Fund	Daily	0.04601	2,651,522
16ABC	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	1,232,961
16ABC	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	1,165,000
16ABC	Debt Service Reserve	FNMA POOL #AT9856	6/1/2043	2.65000	184,082
16ABC	Debt Service Reserve	FNMA POOL #AH5520	12/1/2040	3.45000	574,698
16ABC	Debt Service Reserve	GNMA II POOL #AC8376	2/20/2043	2.87500	435,122
16ABC	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	1,817,178

**Residential Housing Finance Bond Resolution**  
**Investments**  
**Information as of June 30, 2020**



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
16ABC	Redemption	Government Money Market Fund	Daily	0.04601 %	\$ 1,685,000
16ABC	Revenue	Government Money Market Fund	Daily	0.04601	3,041,288
16DEF	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	1,050,291
16DEF	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	1,562,500
16DEF	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	833,578
16DEF	Redemption	Government Money Market Fund	Daily	0.04601	1,510,000
16DEF	Revenue	Government Money Market Fund	Daily	0.04601	3,727,598
17ABC	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	964,187
17ABC	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	905,000
17ABC	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	1,394,937
17ABC	Redemption	Government Money Market Fund	Daily	0.04601	1,395,000
17ABC	Revenue	Government Money Market Fund	Daily	0.04601	3,470,827
17DEF	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	1,556,769
17DEF	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	1,300,000
17DEF	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	692,178
17DEF	Redemption	Government Money Market Fund	Daily	0.04601	2,065,000
17DEF	Revenue	Government Money Market Fund	Daily	0.04601	4,661,193
18ABCD	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	1,380,392
18ABCD	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	1,165,000
18ABCD	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	506,932
18ABCD	Redemption	Government Money Market Fund	Daily	0.04601	2,690,000
18ABCD	Revenue	Government Money Market Fund	Daily	0.04601	4,676,294
18EFGH	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	2,097,348
18EFGH	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	1,065,000
18EFGH	Redemption	Government Money Market Fund	Daily	0.04601	3,015,000
18EFGH	Revenue	Government Money Market Fund	Daily	0.04601	5,932,009
19ABCD	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	2,536,667
19ABCD	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	2,570,000
19ABCD	Debt Service Reserve	Government Money Market Fund	Daily	0.04601	856,190
19ABCD	Redemption	Government Money Market Fund	Daily	0.04601	2,170,000
19ABCD	Revenue	Government Money Market Fund	Daily	0.04601	6,562,657
19EFGH	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	2,337,960
19EFGH	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	2,115,000
19EFGH	Redemption	Government Money Market Fund	Daily	0.04601	360,000
19EFGH	Revenue	Government Money Market Fund	Daily	0.04601	3,877,960
20ABC	Bond Fund Interest	Government Money Market Fund	Daily	0.04601	2,275,173
20ABC	Bond Fund Principal	Government Money Market Fund	Daily	0.04601	800,000
20ABC	Redemption	Government Money Market Fund	Daily	0.04601	740,000
20ABC	Revenue	Government Money Market Fund	Daily	0.04601	2,118,233
20DE	Cost of Issuance	Government Money Market Fund	Daily	0.04601	77,000
					<u>\$ 196,058,332</u>

Residential Housing Finance Bond Resolution  
Debt Service Reserve Requirement  
Information as of June 30, 2020

**Debt Service Reserve Fund (all series combined)**

Debt Service Reserve Requirement

\$16,601,180

Value (Per Resolution)

\$19,411,579