



Residential Housing Finance Bond Resolution

Quarterly Disclosure Report
Information as of June 30, 2019
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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.

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

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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, 2019 (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, 2019. 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, 2019**

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

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

For further information please refer to the audited financial statements of the Agency for the fiscal year ended June 30, 2018. You can retrieve a copy from Minnesota Housing's website at www.mnhousing.gov or contact the Agency to request a copy.

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

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

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of June 30, 2019**



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	232,877,088	882,963,422	415,173,931	2,424,084	4.40 %
06LMN	20,334,227	3,498,077	9,847,948	6,338,927	649,275	5.20
07M	51,601,162	1,407,121	28,665,858	12,637,944	8,890,239	5.28
07M-40 Year	13,786,495	701,564	3,949,134	5,506,959	3,628,838	5.17
12ABCD	96,047,766	14,100,979	44,364,701	7,970,117	29,611,969	5.59
13ABC	42,482,583	6,833,311	16,953,848	3,549,654	15,145,770	5.24
14A	15,938,679	3,324,618	6,205,774	176,926	6,231,361	6.11
14B	15,978,942	4,023,779	4,644,485	302,517	7,008,161	5.88
14CDE	147,424,535	14,274,683	53,164,567	7,774,211	72,211,074	5.03
15ABCD	52,474,015	3,813,921	21,150,659	3,373,525	24,135,910	5.14
15ABCD-40 Year	3,064,439	81,637	1,273,507	356,538	1,352,757	4.90
15EFG	80,106,833	6,156,858	25,702,549	3,900,047	44,347,379	5.45
15EFG-40 year	15,680,365	486,000	5,632,934	1,720,950	7,840,481	5.03
16ABC	59,751,015	3,356,208	24,076,824	3,684,183	28,633,800	5.40
16ABC-40 year	22,027,528	687,305	7,383,546	1,177,320	12,779,357	4.93
16DEF	27,242,103	1,941,185	7,794,864	867,319	16,638,735	5.53
16DEF-40 year	8,084,772	220,005	2,109,619	349,835	5,405,313	5.17
17ABC	45,579,077	1,858,939	11,816,058	991,875	30,912,205	5.37
17ABC-40 year	12,928,653	300,889	2,622,523	207,407	9,797,834	5.43
17DEF	20,736,955	743,976	3,453,388	654,368	15,885,223	5.40
17DEF-40 year	5,841,813	129,568	651,084	-	5,061,161	5.24
18ABCD	19,253,174	862,336	1,920,451	98,016	16,372,371	5.00
19ABCD	31,227,433	217,631	676,844	90,682	30,242,276	5.54
Total	\$ 2,341,031,089	\$ 301,897,678	\$ 1,167,024,587	\$ 476,903,251	\$ 395,205,573	5.3069 %

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of June 30, 2019**



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	10,471.9	3,482.8	50.0
06LMN	157.0	96.0	55.0	6.0
07M	435.3	236.8	100.4	98.1
07M-40 Year	87.6	27.8	34.4	25.4
12ABCD	1,411.0	686.5	114.5	610.0
13ABC	641.0	279.0	49.5	312.5
14A	381.0	169.0	3.0	209.0
14B	419.0	187.0	5.0	227.0
14CDE	1,554.0	584.0	80.5	889.5
15ABCD	538.0	228.5	34.5	275.0
15ABCD-40 Year	20.0	9.0	2.0	9.0
15EFG	886.0	287.5	40.5	558.0
15EFG-40 year	105.0	39.0	12.0	54.0
16ABC	567.0	216.5	33.5	317.0
16ABC-40 year	151.0	52.0	8.0	91.0
16DEF	392.3	112.9	11.5	267.9
16DEF-40 year	55.6	15.6	2.4	37.6
17ABC	518.0	124.0	11.5	382.5
17ABC-40 year	102.0	18.0	2.0	82.0
17DEF	226.0	33.0	7.0	186.0
17DEF-40 year	48.0	7.0	-	41.0
18ABCD	307.5	27.0	2.0	278.5
19ABCD	556.0	8.5	1.5	546.0
Total	23,563.0	13,916.5	4,093.5	5,553.0

If the number of loans allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata.

Residential Housing Finance Bond Resolution
Bonds, Loans, and Mortgage-Backed Securities Outstanding; Remaining Acquisition Fund
Information as of June 30, 2019



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	\$ -	\$2,424,084	\$ -	\$ -	\$ -	\$ -	4.40 %
06LMN	455,000	649,275	-	-	-	-	5.20
07M	16,780,000	12,519,077	-	-	-	-	5.25
09DEF*	39,610,000	-	-	-	-	-	
12ABCD	44,700,000	29,611,969	25,084,974	-	-	-	5.59 (12ABCD mortgages) 3.52 (12ABCD mortgage-backed securities)
13ABC	36,495,000	15,145,770	20,720,244	-	-	-	5.24 (13ABC mortgages) 2.63 (13ABC mortgage-backed securities)
14A	15,025,000	6,231,361	26,714,012	-	-	-	6.11 (14A mortgages) 3.21 (14A mortgage-backed securities)
14B	13,950,000	7,008,161	24,957,057	-	-	-	5.88 (14B mortgages) 3.34 (14B mortgage-backed securities)
14CDE	116,040,000	72,211,074	44,103,260	-	-	-	5.03 (14CDE mortgages) 3.51 (14CDE mortgage-backed securities)
15ABCD	72,630,000	25,488,667	40,868,319	-	-	-	5.12 (15ABCD mortgages) 3.27 (15ABCD mortgage-backed securities)
15EFG	106,040,000	52,187,860	52,286,180	-	-	-	5.39 (15EFG mortgages) 3.54 (15EFG mortgage-backed securities)
16ABC	96,195,000	41,413,157	59,051,397	-	-	-	5.24 (16ABC mortgages) 3.42 (16ABC mortgage-backed securities)
16DEF	110,175,000	22,044,048	84,528,289	-	-	-	5.44 (16DEF mortgages) 3.08 (16DEF mortgage-backed securities)
17ABC	98,595,000	40,710,039	54,059,639	-	-	-	5.38 (17ABC mortgages) 3.72 (17ABC mortgage-backed securities)
17DEF	132,505,000	20,946,384	110,205,022	-	-	-	5.36 (17DEF mortgages) 3.56 (17DEF mortgage-backed securities)
18ABCD	125,785,000	16,372,371	118,235,126	-	-	-	5.00 (18ABCD mortgages) 4.07 (18ABCD mortgage-backed securities)
18EFGH	149,530,000	-	147,882,653	-	-	-	4.36 (18EFGH mortgages) 5.54 (18EFGH mortgage-backed securities)
19ABCD	188,560,000	30,242,276	159,251,088	-	-	-	4.52 (19ABCD mortgages) 4.24 (19ABCD mortgage-backed securities)
	<u>\$ 1,363,070,000</u>	<u>\$ 395,205,573</u>	<u>\$ 967,947,260</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>4.24 %</u>

* Called for redemption in whole on July 1, 2019. Mortgages and mortgage-backed securities were transferred to Series 2019ABCD.

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2012 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AA0402	GNMA II	3.625 %	\$ 2,815,431	\$ 1,068,604
AO1087	FNMA	3.275	118,225	44,648
AO2408	FNMA	3.275	302,503	-
AO2409	FNMA	3.275	110,037	-
AO3786	FNMA	3.275	460,486	123,693
AO5861	FNMA	3.275	73,491	62,622
AO5869	FNMA	3.275	155,770	-
AO0387	FNMA	3.400	215,938	76,928
AO1088	FNMA	3.400	102,252	-
AO2413	FNMA	3.650	97,465	-
AO2414	FNMA	3.650	218,860	188,141
AO3787	FNMA	3.650	230,530	69,665
AO5862	FNMA	3.650	226,837	196,248
AO1089	FNMA	3.775	306,942	264,844
AO1090	FNMA	3.775	102,861	88,826
AO1099	FNMA	3.775	103,790	-
AO3779	FNMA	3.775	88,880	74,739
Subtotal			5,730,298	2,258,959

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 43,074
AA0282	GNMA II	3.375	88,231	75,526
AA0342	GNMA II	3.375	177,369	-
AA0401	GNMA II	3.375	88,982	76,203
793301	GNMA II	3.750	2,811,748	1,190,736
799957	GNMA II	3.750	2,722,740	1,224,666
799958	GNMA II	3.875	169,926	-
AO3773	FNMA	3.650	51,642	44,889
AO5870	FNMA	3.650	180,482	79,239
AB1497	GNMA II	3.000	212,877	125,390
AB1556	GNMA II	3.000	214,752	183,387
AB1724	GNMA II	3.000	413,923	159,187
AB1919	GNMA II	3.000	488,124	184,280
AB1725	GNMA II	3.125	304,729	104,060
AB1880	GNMA II	3.125	248,035	-
AB1904	GNMA II	3.125	84,033	-
AB1920	GNMA II	3.125	320,009	169,074

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2012 ABCD, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1921	GNMA II	3.250 %	\$ 445,324	\$ 186,640
AB1446	GNMA II	3.375	278,876	100,523
AB1618	GNMA II	3.500	421,599	53,045
AB1883	GNMA II	3.500	234,985	113,657
AB1923	GNMA II	3.500	385,053	119,192
AB1503	GNMA II	3.625	308,974	81,711
AB1561	GNMA II	3.625	258,242	88,665
AB1619	GNMA II	3.625	136,854	118,486
AB1646	GNMA II	3.625	378,903	47,602
AB1729	GNMA II	3.625	397,359	-
AB1767	GNMA II	3.625	158,319	136,969
AB1908	GNMA II	3.625	407,184	110,198
AB1924	GNMA II	3.625	62,523	-
AB2030	GNMA II	3.625	185,414	159,635
Subtotal			12,692,962	4,976,036
MBS Participation Interest (50.0031%)			6,346,874	2,488,172

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 307,904
AA0163	GNMA II	3.250	1,662,807	422,966
AA0281	GNMA II	3.250	2,286,836	961,821
AA0164	GNMA II	3.375	629,700	284,131
AA0198	GNMA II	3.375	88,309	-
AB1466	GNMA II	3.375	500,702	230,559
AA0076	GNMA II	3.625	2,059,751	548,592
AA0105	GNMA II	3.625	2,128,674	712,152
AA0165	GNMA II	3.625	2,775,509	1,287,986
AA0199	GNMA II	3.625	1,624,843	672,418
AA0077	GNMA II	3.750	591,767	210,427
AA0106	GNMA II	3.750	787,881	232,877
AA0166	GNMA II	3.750	630,630	213,873
AA0200	GNMA II	3.750	200,358	172,475
AA0284	GNMA II	3.750	95,198	-
AA0344	GNMA II	3.750	142,779	-
799890	GNMA II	4.000	79,297	67,183
799891	GNMA II	4.250	105,121	-
775568	GNMA II	3.375	860,742	607,844
775591	GNMA II	3.375	245,129	93,993
775599	GNMA II	3.375	581,951	64,924
775660	GNMA II	3.375	694,558	326,619
775708	GNMA II	3.375	391,681	274,357
775724	GNMA II	3.375	620,960	367,379
792333	GNMA II	3.375	137,417	116,834

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 331,003
792402	GNMA II	3.375	338,061	190,430
792437	GNMA II	3.375	179,393	-
792474	GNMA II	3.375	118,586	101,400
775569	GNMA II	3.500	302,172	138,731
775592	GNMA II	3.500	57,308	49,105
775661	GNMA II	3.500	544,072	196,474
775709	GNMA II	3.500	221,472	189,748
775725	GNMA II	3.500	70,112	-
792334	GNMA II	3.500	165,019	141,390
792370	GNMA II	3.500	147,233	120,298
792403	GNMA II	3.500	130,749	111,988
775472	GNMA II	3.750	339,576	292,503
775570	GNMA II	3.750	406,357	107,074
775593	GNMA II	3.750	819,660	281,438
775600	GNMA II	3.750	432,456	138,254
775662	GNMA II	3.750	1,130,068	603,424
775710	GNMA II	3.750	481,146	220,580
775726	GNMA II	3.750	469,492	352,715
792335	GNMA II	3.750	559,141	281,410
792371	GNMA II	3.750	640,200	129,372
775571	GNMA II	3.875	213,634	105,358
775594	GNMA II	3.875	1,086,404	448,603
775663	GNMA II	3.875	658,054	255,207
775711	GNMA II	3.875	271,899	-
775727	GNMA II	3.875	292,380	126,882

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 40,853
792372	GNMA II	3.875	124,372	59,459
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	99,874
775712	GNMA II	4.000	112,806	-
775676	GNMA II	4.125	153,278	132,933
775713	GNMA II	4.125	84,659	-
774854	GNMA II	4.250	581,713	235,524
774888	GNMA II	4.250	207,383	57,364
775596	GNMA II	4.250	366,413	-
775677	GNMA II	4.250	415,662	-
775714	GNMA II	4.250	199,022	109,197
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	68,682
Subtotal			35,917,191	13,894,588
MBS Participation Interest (50.0021%)			17,959,350	6,947,586

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 765,672
AA0469	GNMA II	3.625	1,650,089	830,593
799861	GNMA II	3.750	1,863,656	518,110
AC8104	GNMA II	2.875	4,097,610	1,890,347
AB2093	GNMA II	3.125	271,185	-
AC7756	GNMA II	3.125	637,851	177,648
Subtotal			10,013,682	4,182,370
MBS Participation Interest (50.0019%)			5,007,031	2,091,265

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2012 ABCD, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1463	GNMA II	3.000 %	\$ 49,221	\$ 42,504
799886	GNMA II	3.250	495,166	119,552
799954	GNMA II	3.250	931,842	454,762
AA0003	GNMA II	3.250	202,922	74,247
AA0074	GNMA II	3.250	1,667,721	512,112
AA0341	GNMA II	3.250	1,943,418	1,045,014
AA0400	GNMA II	3.250	1,699,366	533,583
AA0467	GNMA II	3.250	1,166,842	537,912
AB1465	GNMA II	3.250	492,658	271,909
793298	GNMA II	3.375	1,284,543	701,117
799859	GNMA II	3.375	1,311,886	668,302
799887	GNMA II	3.375	930,061	274,959
AA0004	GNMA II	3.375	790,402	670,961
AA0075	GNMA II	3.375	591,125	201,187
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	251,917
799888	GNMA II	3.625	709,598	300,163
799956	GNMA II	3.625	981,586	208,962
AA0005	GNMA II	3.625	1,000,098	598,790
AA0283	GNMA II	3.625	2,151,221	586,797
AA0343	GNMA II	3.625	2,509,161	1,381,283
799889	GNMA II	3.750	1,010,556	258,464
AA0014	GNMA II	3.750	886,095	516,895
AA0403	GNMA II	3.750	281,417	87,087

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2012 ABCD, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR0865	FNMA	2.525 %	\$ 47,821	\$ -
AR2963	FNMA	2.525	98,798	75,234
AR5611	FNMA	2.525	94,711	81,503
AR5614	FNMA	2.525	925,382	806,308
AR5616	FNMA	2.525	1,159,097	336,995
AR5617	FNMA	2.525	1,331,635	734,321
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	195,100
AR8764	FNMA	2.525	267,323	68,001
AR8770	FNMA	2.525	84,793	73,486
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	53,184
AT1917	FNMA	2.525	109,673	95,111
AT1921	FNMA	2.525	186,999	137,717
AT4624	FNMA	2.525	2,331,268	1,380,312
AT4628	FNMA	2.525	655,444	203,871
AT4633	FNMA	2.525	641,811	427,102
AT4742	FNMA	2.525	248,978	154,311
AT6228	FNMA	2.525	59,752	51,756
AQ9144	FNMA	2.530	80,418	65,338
AR5615	FNMA	2.650	134,553	112,233
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	284,026

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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>
AT6229	FNMA	2.650 %	\$ 293,053	\$ 250,982
AR8778	FNMA	2.775	75,520	65,840
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	87,932
AT4758	FNMA	2.775	214,584	76,859
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	32,598
AR8771	FNMA	2.900	226,641	68,261
AR8776	FNMA	2.900	99,476	86,084
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	169,553
AT1908	FNMA	2.900	83,511	71,162
AT1924	FNMA	2.900	170,815	146,243
AT4743	FNMA	2.900	178,897	156,578
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	86,029
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	83,067

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 75,706
AR1324	FNMA	3.030	74,217	65,236
AR8766	FNMA	3.275	90,618	79,116
Subtotal			<u>36,291,598</u>	<u>17,235,634</u>
MBS Participation Interest (65.556%)			23,791,320	11,298,992
2012 ABCD Total			<u>\$ 58,834,874</u>	<u>\$ 25,084,974</u>

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	70,009
AC8185	GNMA II	2.500	351,176	180,122
AC8306	GNMA II	2.500	1,234,130	534,470
AC8346	GNMA II	2.500	1,377,119	614,383
AC8371	GNMA II	2.500	536,055	281,391
AC8375	GNMA II	2.500	409,690	350,386
AD7480	GNMA II	2.500	490,678	241,570
AT4629	FNMA	2.650	788,890	230,672
AT7528	FNMA	2.650	1,633,992	983,261
AR5612	FNMA	2.775	86,370	-
AR5621	FNMA	2.775	168,901	148,482
AT4626	FNMA	2.775	285,628	95,119
AT7529	FNMA	2.775	343,062	-
AT4627	FNMA	2.900	149,529	131,842
AT4631	FNMA	2.900	169,550	-
AR0869	FNMA	3.150	75,992	65,826
AR2964	FNMA	3.150	129,684	113,782
AR5596	FNMA	3.150	59,464	51,327
AT1046	FNMA	3.275	134,213	116,805
AR8780	FNMA	3.400	74,302	65,447
AQ6038	FNMA	3.650	98,340	-
Subtotal			8,754,430	4,274,893

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 42,504
799886	GNMA II	3.250	495,166	119,552
799954	GNMA II	3.250	931,842	454,762
AA0003	GNMA II	3.250	202,922	74,247
AA0074	GNMA II	3.250	1,667,721	512,112
AA0341	GNMA II	3.250	1,943,418	1,045,014
AA0400	GNMA II	3.250	1,699,366	533,583
AA0467	GNMA II	3.250	1,166,842	537,912
AB1465	GNMA II	3.250	492,658	271,909
793298	GNMA II	3.375	1,284,543	701,117
799859	GNMA II	3.375	1,311,886	668,302
799887	GNMA II	3.375	930,061	274,959
AA0004	GNMA II	3.375	790,402	670,961
AA0075	GNMA II	3.375	591,125	201,187
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	251,917
799888	GNMA II	3.625	709,598	300,163
799956	GNMA II	3.625	981,586	208,962
AA0005	GNMA II	3.625	1,000,098	598,790
AA0283	GNMA II	3.625	2,151,221	586,797
AA0343	GNMA II	3.625	2,509,161	1,381,283
799889	GNMA II	3.750	1,010,556	258,464
AA0014	GNMA II	3.750	886,095	516,895
AA0403	GNMA II	3.750	281,417	87,087

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	75,234
AR5611	FNMA	2.525	94,711	81,503
AR5614	FNMA	2.525	925,382	806,308
AR5616	FNMA	2.525	1,159,097	336,995
AR5617	FNMA	2.525	1,331,635	734,321
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	195,100
AR8764	FNMA	2.525	267,323	68,001
AR8770	FNMA	2.525	84,793	73,486
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	53,184
AT1917	FNMA	2.525	109,673	95,111
AT1921	FNMA	2.525	186,999	137,717
AT4624	FNMA	2.525	2,331,268	1,380,312
AT4628	FNMA	2.525	655,444	203,871
AT4633	FNMA	2.525	641,811	427,102
AT4742	FNMA	2.525	248,978	154,311
AT6228	FNMA	2.525	59,752	51,756
AQ9144	FNMA	2.530	80,418	65,338
AR5615	FNMA	2.650	134,553	112,233
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	284,026

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2013 ABC, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT6229	FNMA	2.650 %	\$ 293,053	\$ 250,982
AR8778	FNMA	2.775	75,520	65,840
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	87,932
AT4758	FNMA	2.775	214,584	76,859
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	32,598
AR8771	FNMA	2.900	226,641	68,261
AR8776	FNMA	2.900	99,476	86,084
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	169,553
AT1908	FNMA	2.900	83,511	71,162
AT1924	FNMA	2.900	170,815	146,243
AT4743	FNMA	2.900	178,897	156,578
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	86,029
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	83,067
AR5597	FNMA	3.025	86,505	75,706
AR1324	FNMA	3.030	74,217	65,236
AR8766	FNMA	3.275	90,618	79,116
Subtotal			36,291,598	17,235,634
MBS Participation Interest (34.444%)			12,500,278	5,936,642

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2013 ABC, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8396	GNMA II	2.500 %	\$ 1,509,787	\$ 616,331
AC8401	GNMA II	2.500	48,506	-
AC8517	GNMA II	2.500	705,460	485,932
AC8521	GNMA II	2.500	281,308	102,581
AD7201	GNMA II	2.500	1,146,241	575,129
AD7306	GNMA II	2.500	528,762	292,303
AD7309	GNMA II	2.500	110,433	92,471
AD7322	GNMA II	2.500	884,732	463,157
AD7328	GNMA II	2.500	94,607	-
AD7411	GNMA II	2.500	1,324,919	821,504
AD7520	GNMA II	2.500	144,206	123,409
AD7323	GNMA II	2.625	152,254	131,364
AD7412	GNMA II	2.625	487,240	211,212
AD7481	GNMA II	2.625	1,315,697	640,160
AD7521	GNMA II	2.625	973,807	626,389
AD7525	GNMA II	2.625	199,960	167,109
AD7549	GNMA II	2.625	1,253,675	717,236
AC8103	GNMA II	2.750	54,282	46,869
AC8347	GNMA II	2.750	465,500	330,488
AC8397	GNMA II	2.750	533,047	116,678
AC7907	GNMA II	2.875	333,360	96,851
AC8150	GNMA II	2.875	261,715	226,423
AB2123	GNMA II	3.125	45,546	-
AE9846	GNMA II	2.750	1,378,784	361,030

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2013 ABC, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8233	GNMA II	2.875 %	\$ 301,279	\$ 255,984
AC8307	GNMA II	2.875	1,846,536	538,718
AC8402	GNMA II	2.875	173,194	-
AC8519	GNMA II	2.875	810,878	313,090
AD7203	GNMA II	2.875	782,422	339,349
AD7206	GNMA II	2.875	164,941	56,705
AD7308	GNMA II	2.875	624,792	214,638
AD7325	GNMA II	2.875	740,110	411,094
AD7330	GNMA II	2.875	171,991	148,852
AD7414	GNMA II	2.875	1,175,447	616,013
AD7483	GNMA II	2.875	1,515,476	841,786
AD7523	GNMA II	2.875	1,693,438	917,769
AB2189	GNMA II	3.000	309,432	266,368
AC8308	GNMA II	3.000	123,199	-
AD7204	GNMA II	3.000	129,612	112,289
AD7331	GNMA II	3.000	107,285	92,880
AC8232	GNMA II	3.125	120,991	-
AD7205	GNMA II	3.125	110,891	96,193
AC8520	GNMA II	3.250	162,886	-
AD7326	GNMA II	3.250	132,431	115,104

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	12,581,458
MBS Participation Interest (49.9991%)			12,855,034	6,290,616

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2013 ABC, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8372	GNMA II	2.750 %	\$ 190,286	\$ 102,610
AC8518	GNMA II	2.750	845,766	196,666
AD7202	GNMA II	2.750	869,613	401,467
AD7307	GNMA II	2.750	1,250,082	768,148
AD7310	GNMA II	2.750	193,849	109,171
AD7324	GNMA II	2.750	1,244,417	851,453
AD7329	GNMA II	2.750	271,710	238,237
AD7413	GNMA II	2.750	1,437,921	738,935
AD7482	GNMA II	2.750	485,833	153,059
AD7522	GNMA II	2.750	421,289	131,890
AD7550	GNMA II	2.750	410,972	359,194
AC8231	GNMA II	2.875	132,608	116,140
AD7524	GNMA II	2.500	366,796	318,356
AH1961	GNMA II	3.500	7,364,353	3,938,242
Subtotal			15,485,495	8,423,568
MBS Participation Interest (50.0749%)			7,754,346	4,218,093
2013 ABC Total			\$ 41,864,089	\$ 20,720,244

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2014 A

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AF0608	GNMA II	2.50000 %	\$ 9,647,008	\$ 5,072,026
AG5765	GNMA II	2.50000	316,604	152,947
AG5963	GNMA II	2.50000	1,262,580	782,338
AH1875	GNMA II	2.50000	191,709	164,760
AH1963	GNMA II	2.50000	104,423	-
AD7552	GNMA II	2.62500	144,570	-
AE9848	GNMA II	2.62500	295,162	142,081
AF0094	GNMA II	2.62500	1,830,376	1,155,868
AD7484	GNMA II	2.75000	128,043	-
AE9849	GNMA II	2.75000	422,789	255,537
AF0095	GNMA II	2.75000	4,016,907	2,274,139
AB2188	GNMA II	2.87500	187,304	161,855
AC7869	GNMA II	2.87500	110,020	-
AC8522	GNMA II	2.87500	160,866	140,270
AF0096	GNMA II	2.87500	4,793,493	2,581,808
AF0100	GNMA II	2.87500	290,236	102,091
AH2036	GNMA II	3.00000	188,565	166,265
AC8400	GNMA II	3.37500	75,093	66,589
AD7527	GNMA II	3.50000	126,205	111,897
AH2038	GNMA II	4.00000	7,708,814	3,866,524
AU2989	FNMA	2.50000	235,065	209,175
AR5613	FNMA	2.52500	1,826,086	1,010,692
AT7533	FNMA	2.52500	294,640	250,999
AT7537	FNMA	2.52500	198,067	169,996
AT6230	FNMA	2.65000	129,631	114,561
AT9859	FNMA	2.65000	314,356	135,259
AU3003	FNMA	2.65000	310,784	123,621
AT9857	FNMA	2.77500	273,807	-

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2014 A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AU3004	FNMA	2.77500 %	\$ 459,566	\$ 238,454
AT7530	FNMA	2.90000	1,384,135	737,404
AT7536	FNMA	2.90000	208,793	44,580
AU2995	FNMA	3.00000	230,170	-
AU2998	FNMA	3.50000	505,749	291,618
AV8366	FNMA	3.50000	346,325	310,106
AV8369	FNMA	3.50000	169,107	-
AU2999	FNMA	4.00000	3,020,694	1,376,082
AV7824	FNMA	4.00000	1,452,376	939,301
AV8367	FNMA	4.00000	2,573,110	1,480,148
AV9663	FNMA	4.00000	1,665,715	1,003,824
AU3000	FNMA	4.50000	539,304	78,472
AV8368	FNMA	4.50000	881,800	307,388
AV8371	FNMA	4.50000	509,016	358,837
AV9664	FNMA	4.50000	474,456	336,501
2014 A Total			\$ 50,003,520	\$ 26,714,012

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2014 B

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AE9844	GNMA II	2.50000 %	\$ 77,426	\$ 66,541
AD7526	GNMA II	2.87500	351,259	118,061
AD7553	GNMA II	2.87500	147,810	-
AE9850	GNMA II	2.87500	1,181,296	421,864
AH1962	GNMA II	4.00000	4,733,247	2,568,698
AH2597	GNMA II	4.00000	6,274,669	2,707,581
AT7534	FNMA	2.65000	5,463,918	2,565,498
AT7538	FNMA	2.65000	2,494,989	1,106,434
AU3007	FNMA	2.65000	62,017	-
AT9860	FNMA	2.90000	140,050	124,605
AU2982	FNMA	3.00000	9,469,151	5,352,158
AU3006	FNMA	3.02500	389,185	159,899
AV7823	FNMA	3.50000	64,250	58,120
AW1961	FNMA	4.50000	580,247	295,906
Subtotal			31,429,514	15,545,365

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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	\$ 318,356
AH1961	GNMA II	3.500	7,364,353	3,938,242
AC8372	GNMA II	2.750	190,286	102,610
AC8518	GNMA II	2.750	845,766	196,666
AD7202	GNMA II	2.750	869,613	401,467
AD7307	GNMA II	2.750	1,250,082	768,148
AD7310	GNMA II	2.750	193,849	109,171
AD7324	GNMA II	2.750	1,244,417	851,453
AD7329	GNMA II	2.750	271,710	238,237
AD7413	GNMA II	2.750	1,437,921	738,935
AD7482	GNMA II	2.750	485,833	153,059
AD7522	GNMA II	2.750	421,289	131,890
AD7550	GNMA II	2.750	410,972	359,194
AC8231	GNMA II	2.875	132,608	116,140
Subtotal			15,485,495	8,423,568
MBS Participation Interest (49.9251%)			7,731,149	4,205,475

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 198,988
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	583,010
AF0099	GNMA II	2.750	197,808	112,527
AH1960	GNMA II	3.000	101,458	91,488
AH1964	GNMA II	3.500	640,759	323,765
AH2037	GNMA II	3.500	7,775,339	2,987,137
AH2592	GNMA II	3.500	709,704	394,208
AV7825	FNMA	4.500	201,546	185,525
AI4176	GNMA II	3.500	21,964,999	11,001,969
Subtotal			32,679,957	15,878,616
MBS Participation Interest (32.7876%)			10,714,974	5,206,217
2014 B Total			<u>\$ 49,875,636</u>	<u>\$ 24,957,057</u>

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 99,586
AH2644	GNMA II	3.500	291,681	59,498
AI4077	GNMA II	4.000	611,359	421,460
AI4768	GNMA II	4.000	454,754	170,923
AI4925	GNMA II	4.000	155,571	142,015
AW3995	FNMA	4.500	138,928	-
Subtotal			1,918,085	893,482

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 11,001,969
AF0093	GNMA II	2.500	224,137	198,988
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	583,010
AF0099	GNMA II	2.750	197,808	112,527
AH1960	GNMA II	3.000	101,458	91,488
AH1964	GNMA II	3.500	640,759	323,765
AH2037	GNMA II	3.500	7,775,339	2,987,137
AH2592	GNMA II	3.500	709,704	394,208
AV7825	FNMA	4.500	201,546	185,525
Subtotal			32,679,957	15,878,616
MBS Participation Interest (67.2124%)			21,964,983	10,672,399

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 205,680
AH2598	GNMA II	3.500	178,836	-
AH2684	GNMA II	3.500	129,781	-
AI4076	GNMA II	3.500	438,494	399,692
AI4125	GNMA II	3.500	133,278	-
AH1965	GNMA II	4.000	621,071	306,248
AH2599	GNMA II	4.000	372,689	222,384
AX8552	FNMA	4.500	115,889	-
AX8124	FNMA	3.500	2,206,586	1,414,399
Subtotal			4,423,344	2,548,402
MBS Participation Interest (50.115%)			2,216,759	1,277,131

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 15,579,982
AX3836	FNMA	3.500	2,224,511	1,562,034
Subtotal			27,875,749	17,142,016
MBS Participation Interest (92.0199%)			25,651,236	15,774,066

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 13,915,254
AM8612	GNMA I	3.000	9,358,396	6,158,476
AM8937	GNMA I	3.000	5,807,044	3,873,262
AM8938	GNMA I	3.000	4,951,378	3,389,226
AM8939	GNMA I	3.000	4,876,401	3,754,728
Subtotal			49,796,511	31,090,946
MBS Participation Interest (49.8093%)			24,803,294	15,486,182
2014 CDE Total			<u>\$ 76,554,357</u>	<u>\$ 44,103,260</u>

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2015 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AK6400	GNMA II	3.000	%	\$ 330,846	\$	101,474
AM8941	GNMA II	3.500		2,915,549		1,172,818
AM8943	GNMA II	3.500		205,216		189,727
AI4179	GNMA II	4.000		242,654		-
AM8942	GNMA II	4.000		39,872		-
AY5082	FNMA	3.500		1,743,318		1,212,858
AY5083	FNMA	3.500		499,627		166,944
AY5085	FNMA	3.500		2,322,111		1,422,840
AZ1657	FNMA	3.500		5,349,068		3,601,347
AZ1658	FNMA	4.000		248,181		69,787
Subtotal				13,896,443		7,937,796

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2015 ABCD, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AM8612	GNMA I	3.000 %	\$ 9,358,396	\$ 6,158,476
AM8937	GNMA I	3.000	5,807,044	3,873,262
AM8938	GNMA I	3.000	4,951,378	3,389,226
AM8939	GNMA I	3.000	4,876,401	3,754,728
AI4767	GNMA II	3.500	24,803,293	13,915,254
Subtotal			49,796,511	31,090,946
MBS Participation Interest (50.1907%)			24,993,218	15,604,763

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 3,985,899
AM8555	GNMA II	3.500	3,739,824	2,752,763
AM8613	GNMA II	3.500	5,921,770	3,603,670
AZ5831	FNMA	3.500	6,715,036	5,104,547
AO8779	GNMA I	3.500	8,562,123	5,746,666
AY5078	FNMA	3.500	361,049	114,763
BA0621	FNMA	3.500	273,743	258,001
BA0623	FNMA	3.500	1,569,485	1,198,082
Subtotal			31,663,327	22,764,392
MBS Participation Interest (65.9973%)			20,896,941	15,023,884

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2015 ABCD, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AM8554	GNMA II	3.500 %	\$ 3,794,512	\$ 1,838,761
AM8556	GNMA II	3.500	306,712	284,384
AY5084	FNMA	3.500	362,410	-
AY5086	FNMA	3.500	3,739,337	2,480,901
Subtotal			8,202,970	4,604,045
MBS Participation Interest (49.9968%)			4,101,222	2,301,875
2015 ABCD Total			\$ 63,887,824	\$ 40,868,319

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 163,318
AY5095	FNMA	3.500	476,397	-
AZ5833	FNMA	3.500	352,966	212,139
BA0469	FNMA	3.500	5,231,315	3,761,287
BA0470	FNMA	4.000	3,729,896	2,605,917
BA2501	FNMA	4.000	4,118,053	2,848,671
Subtotal			14,083,852	9,591,332

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2015 EFG, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AO8779	GNMA I	3.500	%	\$ 8,562,123	\$	5,746,666
AY5078	FNMA	3.500		361,049		114,763
BA0621	FNMA	3.500		273,743		258,001
BA0623	FNMA	3.500		1,569,485		1,198,082
AM8940	GNMA I	3.000		4,520,297		3,985,899
AM8555	GNMA II	3.500		3,739,824		2,752,763
AM8613	GNMA II	3.500		5,921,770		3,603,670
AZ5831	FNMA	3.500		6,715,036		5,104,547
Subtotal				31,663,327		22,764,392
MBS Participation Interest (34.0027%)				10,766,386		7,740,508

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 194,617
AO8641	GNMA II	3.500	7,879,767	4,723,781
AI4769	GNMA II	3.500	2,575,665	1,597,254
A08783	GNMA II	3.500	485,760	358,296
AO9369	GNMA I	3.500	5,165,142	3,465,547
Subtotal			16,468,978	10,339,496
MBS Participation Interest (50.0481%)			8,242,411	5,174,721

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 872,909
BA0640	FNMA	3.500	848,267	800,062
BA0638	FNMA	4.000	105,339	97,741
BA6223	FNMA	4.000	190,469	179,408
Subtotal			2,280,776	1,950,121
MBS Participation Interest (49.8383%)			1,136,700	971,907

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 1,730,623
Subtotal			2,433,041	1,730,623
MBS Participation Interest (49.9919%)			1,216,323	865,172

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 278,995
BC9423	FNMA	3.000	276,525	261,037
BC4085	FNMA	3.500	1,473,617	999,001
BC4097	FNMA	3.500	2,820,746	2,353,790
Subtotal			4,867,662	3,892,823
MBS Participation Interest (24.996%)			1,216,721	973,050

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2015 EFG, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AM9028	GNMA I	3.000 %	\$ 1,580,780	\$ 1,100,331
AO8774	GNMA I	3.000	2,049,815	1,079,762
AM8976	GNMA II	3.500	486,464	272,211
AM9030	GNMA II	3.500	459,995	283,034
AO8775	GNMA II	3.500	4,172,145	3,075,141
AO8776	GNMA II	3.500	4,878,678	3,541,771
AO8777	GNMA II	3.500	4,710,655	3,414,555
AO8780	GNMA I	3.500	5,472,547	3,793,766
AO8781	GNMA I	3.500	10,554,848	8,000,082
AR0752	GNMA II	3.500	7,079,482	5,375,864
AR0753	GNMA II	3.500	7,442,958	5,453,824
BC4088	FNMA	3.500	2,244,234	1,667,044
BC4086	FNMA	4.000	466,950	443,170
Subtotal			51,599,551	37,500,556
MBS Participation Interest (66.6012%)			34,365,920	24,975,821

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 1,724,428
BA0622	FNMA	4.000	375,062	164,205
Subtotal			2,587,096	1,888,633
MBS Participation Interest (50.0166%)			1,293,977	944,630

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 5,342,360
BD2362	FNMA	3.000	220,994	209,265
BD5918	FNMA	3.500	265,962	253,815
BC4100	FNMA	4.000	199,298	189,074
Subtotal			7,389,244	5,994,513
MBS Participation Interest (17.5%)			1,293,118	1,049,040
2015 EFG Total			\$ 73,615,407	\$ 52,286,180

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 140,959
BC6964	FNMA	3.500	6,593,541	5,383,467
BC4091	FNMA	4.000	110,858	103,960
Subtotal			6,852,636	5,628,385

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 5,375,864
AR0753	GNMA II	3.500	7,442,958	5,453,824
BC4088	FNMA	3.500	2,244,234	1,667,044
BC4086	FNMA	4.000	466,950	443,170
AM9028	GNMA I	3.000	1,580,780	1,100,331
AO8774	GNMA I	3.000	2,049,815	1,079,762
AM8976	GNMA II	3.500	486,464	272,211
AM9030	GNMA II	3.500	459,995	283,034
AO8775	GNMA II	3.500	4,172,145	3,075,141
AO8776	GNMA II	3.500	4,878,678	3,541,771
AO8777	GNMA II	3.500	4,710,655	3,414,555
AO8780	GNMA I	3.500	5,472,547	3,793,766
AO8781	GNMA I	3.500	10,554,848	8,000,082
Subtotal			51,599,551	37,500,556
MBS Participation Interest (33.3988%)			17,233,626	12,524,732

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 2,538,144
BC5191	FNMA	3.500	2,048,514	1,631,888
BC5179	FNMA	4.000	323,883	308,226
Subtotal			5,644,425	4,478,258
MBS Participation Interest (50.0010%)			2,822,269	2,239,174

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 890,482
BD7768	FNMA	3.000	3,350,804	3,098,556
BC4099	FNMA	3.500	3,002,514	2,259,973
BC5180	FNMA	3.500	137,186	130,454
BC9426	FNMA	3.500	182,077	172,961
BD5216	FNMA	3.500	3,670,214	3,477,203
BD7770	FNMA	3.500	3,826,556	3,041,556
BD2361	FNMA	4.000	1,021,873	970,930
Subtotal			16,126,618	14,042,115
MBS Participation Interest (17.5%)			2,822,158	2,457,370

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2016 ABC, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8143	GNMA I	3.000 %	\$ 5,334,500	\$ 4,154,669
B32197	FHLMC	3.000	282,833	268,237
BE0291	FNMA	3.000	5,134,247	4,174,871
BD5924	FNMA	3.500	363,030	187,432
Subtotal			11,114,610	8,785,209
MBS Participation Interest (20.055%)			2,229,035	1,761,874

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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)

<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>
AR0748	GNMA II	3.000 %	\$ 3,630,340	\$ 2,848,610
BC6965	FNMA	4.000	826,966	378,072
Subtotal			4,457,306	3,226,681
MBS Participation Interest (49.9914%)			2,228,270	1,613,063

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2016 ABC, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
AR0747	GNMA I	3.000	%	\$ 3,877,322	\$	3,182,023
AR0749	GNMA II	3.000		3,953,558		3,670,508
AR0650	GNMA II	3.500		4,534,923		3,811,406
AR0651	GNMA II	3.500		4,522,700		3,754,408
AR0652	GNMA I	3.500		1,242,123		821,469
AR0750	GNMA II	3.500		6,913,842		4,922,775
AR0751	GNMA II	3.500		6,741,319		5,114,756
AX5784	GNMA II	2.500		259,963.00		246,146
AT8392	GNMA II	3.000		14,213,412		12,050,976
AT8393	GNMA I	3.000		12,562,961		11,148,570
AT8285	GNMA II	3.500		137,602		130,886
BD5933	FNMA	3.500		1,759,859		1,678,401
BE1718	FNMA	3.500		2,575,271		2,321,799
BA0636	FNMA	4.000		274,452		155,323
Subtotal				63,569,307		53,009,445
MBS Participation Interest (50.0018%)				31,785,798		26,505,677

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 3,796,211
AR0754	GNMA I	3.500	1,654,732	1,181,438
BC4089	FNMA	4.000	1,338,492	1,189,545
Subtotal			7,633,958	6,167,194
MBS Participation Interest (50.005%)			3,817,361	3,083,906

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 6,219,997
BD5941	FNMA	3.000	1,656,405	1,584,009
BE6508	FNMA	3.000	8,329,390	7,381,368
BE6509	FNMA	3.500	4,266,225	3,517,996
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	18,703,369
MBS Participation Interest (17.3082%)			3,816,597	3,237,217
2016 ABC Total			\$ 73,607,749	\$ 59,051,397

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2016 DEF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8282	GNMA II	2.500 %	\$ 468,571	\$ 442,465
AT8391	GNMA II	2.500	496,079	386,285
AT7716	GNMA I	3.000	1,623,547	1,425,797
AX5785	GNMA II	3.000	4,466,933	3,642,635
AT8394	GNMA II	3.500	159,514	129,891
B32215	FHLMC	3.000	939,625	784,931
B32217	FHLMC	3.000	410,812	391,097
B32218	FHLMC	3.500	296,567	167,452
BD5932	FNMA	3.000	1,379,466	995,420
BE1717	FNMA	3.000	5,428,580	5,149,469
BE4461	FNMA	3.000	4,411,237	4,019,089
BA0630	FNMA	3.500	451,951	432,674
BA0633	FNMA	3.500	1,483,230	1,058,940
BD5219	FNMA	3.500	914,423	599,544
BA0634	FNMA	4.000	1,796,880	1,322,368
Subtotal			24,727,415	20,948,055

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2016 DEF, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5784	GNMA II	2.500 %	\$ 259,963	\$ 246,146
AT8392	GNMA II	3.000	14,213,412	12,050,976
AT8393	GNMA I	3.000	12,562,961	11,148,570
AT8285	GNMA II	3.500	137,602	130,886
BD5933	FNMA	3.500	1,759,859	1,678,401
BE1718	FNMA	3.500	2,575,271	2,321,799
BA0636	FNMA	4.000	274,452	155,323
AR0747	GNMA I	3.000	3,877,322	3,182,023
AR0749	GNMA II	3.000	3,953,558	3,670,508
AR0650	GNMA II	3.500	4,534,923	3,811,406
AR0651	GNMA II	3.500	4,522,700	3,754,408
AR0652	GNMA I	3.500	1,242,123	821,469
AR0750	GNMA II	3.500	6,913,842	4,922,775
AR0751	GNMA II	3.500	6,741,319	5,114,756
Subtotal			63,569,307	53,009,445
MBS Participation Interest (49.9982%)			31,783,509	26,503,768

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 2,746,132
Subtotal			3,392,549	2,746,132
MBS Participation Interest (50.005%)			1,696,444	1,373,203

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 6,219,997
BD5941	FNMA	3.000	1,656,405	1,584,009
BE6508	FNMA	3.000	8,329,390	7,381,368
BE6509	FNMA	3.500	4,266,225	3,517,996
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	18,703,369
MBS Participation Interest (7.6918%)			1,696,104	1,438,626

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 8,855,461
B32216	FHLMC	3.500	458,940	434,850
Subtotal			10,346,472	9,290,312
MBS Participation Interest (50%)			5,173,236	4,645,156

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2016 DEF, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5908	GNMA II	2.500 %	\$ 122,023	\$ 116,026
AT8149	GNMA II	3.000	322,685	307,600
AX5793	GNMA II	3.000	465,572	309,490
AX5986	GNMA I	3.000	3,732,410	3,404,801
AO9501	GNMA II	3.500	448,599	428,313
AT7498	GNMA II	3.500	92,943	88,782
AX5915	GNMA II	3.500	520,800	499,057
AX5989	GNMA II	3.500	4,873,647	4,364,093
AX5990	GNMA II	4.000	1,364,441	1,309,906
B32222	FHLMC	4.000	113,706	109,507
BE4720	FNMA	3.000	649,691	510,190
BE6512	FNMA	3.000	395,064	378,398
BE7856	FNMA	3.000	958,379	913,575
BE7857	FNMA	3.500	6,632,991	5,794,998
Subtotal			20,692,948	18,534,735
MBS Participation Interest (25.0%)			5,173,237	4,633,684

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 4,088,869
Subtotal			5,041,826	4,088,869
MBS Participation Interest (50.0%)			2,520,913	2,044,435

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 495,694
AX6116	GNMA II	3.000	1,707,090	1,278,543
AX6120	GNMA II	3.000	112,066	107,342
AX6206	GNMA II	3.000	212,943	203,846
AO9439	GNMA II	3.500	529,841	334,138
AX6119	GNMA II	4.000	892,247	856,092
AX6124	GNMA II	4.000	196,802	189,656
BE6511	FNMA	3.000	324,596	308,017
BH0318	FNMA	3.500	1,335,630	1,182,527
BE4726	FNMA	4.000	1,382,950	1,335,446
BE9284	FNMA	4.000	175,450	-
Subtotal			7,525,112	6,291,302
MBS Participation Interest (33.5%)			2,520,912	2,107,586

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 5,800,609
BD5937	FNMA	3.500	2,044,924	1,774,107
AX5786	GNMA II	3.000	4,961,391	4,214,763
AX5787	GNMA II	3.000	4,961,764	4,169,911
AX5788	GNMA I	3.000	6,156,959	4,758,726
BE4732	FNMA	3.000	98,583	95,050
BH2912	FNMA	4.000	2,974,665	2,886,243
AT8286	GNMA II	3.000	457,633	436,261
AX6515	GNMA II	3.500	5,492,465	4,758,499
AX6516	GNMA II	4.000	3,139,100	2,357,277
Subtotal			36,485,488	31,251,446
MBS Participation Interest (66.665%)			24,323,051	20,833,777
2016 DEF Total			\$ 99,614,822	\$ 84,528,289

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2017 ABC

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BD7772	FNMA	3.000 %	\$ 196,706	\$ 189,430
BE0294	FNMA	3.000	179,604	172,973
BE4734	FNMA	3.000	148,729	143,637
BE7859	FNMA	3.000	468,577	447,927
BH2729	FNMA	3.000	383,724	368,658
BH4648	FNMA	3.000	126,200	121,376
BC4095	FNMA	3.500	438,704	410,879
BD5939	FNMA	3.500	159,402	153,968
BE0295	FNMA	3.500	119,348	115,039
BE4733	FNMA	3.500	328,824	318,285
BE4735	FNMA	3.500	537,739	521,479
BH2730	FNMA	3.500	1,254,329	1,206,451
BH4649	FNMA	3.500	1,004,240	964,861
BH2737	FNMA	4.000	456,858	290,374
BH2734	FNMA	4.500	174,246	168,948
BH4654	FNMA	4.500	516,158	501,130
AT8152	GNMA II	3.000	270,196	259,091
AX5912	GNMA II	3.000	682,872	654,534
AR0758	GNMA II	3.500	638,048	611,642
AR0759	GNMA II	3.500	584,144	562,031
AT7611	GNMA II	3.500	152,881	146,944
AX5916	GNMA II	3.500	376,517	329,055
AX5993	GNMA II	3.500	468,901	450,660
AX6123	GNMA II	3.500	526,494	121,427
AX6518	GNMA II	3.500	640,271	617,586
Subtotal			10,833,711	9,848,386

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 95,050
BH2912	FNMA	4.000	2,974,665	2,886,243
AT8286	GNMA II	3.000	457,633	436,261
AX6515	GNMA II	3.500	5,492,465	4,758,499
AX6516	GNMA II	4.000	3,139,100	2,357,277
BE4462	FNMA	3.000	6,198,005	5,800,609
BD5937	FNMA	3.500	2,044,924	1,774,107
AX5786	GNMA II	3.000	4,961,391	4,214,763
AX5787	GNMA II	3.000	4,961,764	4,169,911
AX5788	GNMA I	3.000	6,156,959	4,758,726
Subtotal			36,485,488	31,251,446
MBS Participation Interest (33.335%)			12,162,438	10,417,670

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 2,070,628
Subtotal			2,290,805	2,070,628
MBS Participation Interest (50.0%)			1,145,402	1,035,314

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 206,045
BJ1725	FNMA	4.000	1,937,075	1,886,467
AX6604	GNMA II	3.500	494,913	480,563
BB3327	GNMA I	3.500	307,537	298,456
AX6520	GNMA II	4.000	150,638	-
AX6606	GNMA II	4.000	296,337	287,371
BB3326	GNMA II	4.000	249,619	242,704
BB3453	GNMA II	4.000	168,827	164,014
Subtotal			3,818,006	3,565,620
MBS Participation Interest (30.0%)			1,145,402	1,069,686

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2017 ABC, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
Q48789	FHLMC	4.000 %	\$ 1,206,720	\$ 1,176,705
BH2735	FNMA	3.500	162,620	158,387
BH2910	FNMA	3.500	1,192,918	1,162,960
BE4736	FNMA	4.000	1,280,154	1,246,241
BH2731	FNMA	4.000	2,206,844	1,849,816
BH2732	FNMA	4.000	1,747,479	1,703,338
BH2733	FNMA	4.000	2,772,975	2,680,972
BH4650	FNMA	4.000	1,113,794	983,998
BH4651	FNMA	4.000	2,228,404	2,026,016
BH4652	FNMA	4.000	2,104,727	1,998,182
BH4653	FNMA	4.000	2,290,937	2,063,837
AX6514	GNMA I	3.500	6,265,164	5,151,635
AX6602	GNMA I	3.500	8,203,751	6,795,386
AX6513	GNMA II	4.000	2,562,616	2,140,891
B32270	FHLMC	3.500	786,874	761,788
BJ2867	FNMA	3.500	5,875,027	5,357,848
BJ5391	FNMA	3.500	4,028,730	3,547,159
BJ2871	FNMA	4.000	2,285,270	2,224,331
BJ5218	FNMA	4.000	163,639	159,572
BJ5393	FNMA	4.000	2,890,359	2,545,197
BJ5395	FNMA	4.000	3,265,054	3,184,083

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 569,502
BB3794	GNMA II	3.500	3,071,434	2,720,155
BB3795	GNMA II	3.500	5,412,470	4,604,161
BB3796	GNMA II	3.500	4,094,272	3,975,677
BB3798	GNMA II	3.500	2,880,351	2,589,331
Subtotal			70,678,208	63,377,167
MBS Participation Interest (50.000%)			35,339,104	31,688,584
2017 ABC Total			\$ 60,626,057	\$ 54,059,639

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 159,806
B32261	FHLMC	3.500	375,301	365,781
BJ0401	FNMA	3.500	548,771	535,699
BJ5388	FNMA	3.500	1,098,490	1,023,546
BB3874	GNMA II	3.500	5,030,356	4,623,968
BB3875	GNMA II	3.500	4,783,103	4,145,894
BB3876	GNMA II	3.500	5,004,487	4,404,768
BB3877	GNMA II	3.500	4,889,444	4,263,703
BB3878	GNMA II	3.500	4,983,334	4,841,135
BB3880	GNMA II	3.500	5,393,045	4,848,286
BB3879	GNMA II	3.500	4,962,312	4,349,579
Subtotal			37,232,746	33,562,165

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2017 DEF, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32270	FHLMC	3.500 %	\$ 786,874	\$ 761,788
BJ2867	FNMA	3.500	5,875,027	5,357,848
BJ5391	FNMA	3.500	4,028,730	3,547,159
BJ2871	FNMA	4.000	2,285,270	2,224,331
BJ5218	FNMA	4.000	163,639	159,572
BJ5393	FNMA	4.000	2,890,359	2,545,197
BJ5395	FNMA	4.000	3,265,054	3,184,083
AX6212	GNMA II	3.500	585,625	569,502
BB3794	GNMA II	3.500	3,071,434	2,720,155
BB3795	GNMA II	3.500	5,412,470	4,604,161
BB3796	GNMA II	3.500	4,094,272	3,975,677
BB3798	GNMA II	3.500	2,880,351	2,589,331
Q48789	FHLMC	4.000	1,206,720	1,176,705
BH2735	FNMA	3.500	162,620	158,387
BH2910	FNMA	3.500	1,192,918	1,162,960
BE4736	FNMA	4.000	1,280,154	1,246,241
BH2731	FNMA	4.000	2,206,844	1,849,816
BH2732	FNMA	4.000	1,747,479	1,703,338
BH2733	FNMA	4.000	2,772,975	2,680,972
BH4650	FNMA	4.000	1,113,794	983,998
BH4651	FNMA	4.000	2,228,404	2,026,016
BH4652	FNMA	4.000	2,104,727	1,998,182
BH4653	FNMA	4.000	2,290,937	2,063,837

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 5,151,635
AX6602	GNMA I	3.500	8,203,751	6,795,386
AX6513	GNMA II	4.000	2,562,616	2,140,891
Subtotal			70,678,208	63,377,167
MBS Participation Interest (50.000%)			35,339,104	31,688,584

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2017 DEF, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB4116	GNMA II	3.500 %	\$ 4,179,316	\$ 4,079,779
BB4114	GNMA I	3.500	4,430,199	4,320,350
BB4115	GNMA I	3.500	1,285,872	1,254,944
B32294	FHLMC	3.500	889,653	807,299
B32295	FHLMC	4.000	72,364	70,751
BH8427	FNMA	3.500	610,540	590,818
BJ5221	FNMA	3.500	1,988,298	1,946,645
BJ5399	FNMA	3.500	456,440	445,888
BJ8207	FNMA	3.500	1,044,791	1,019,072
BK0989	FNMA	3.500	3,778,347	3,578,918
BK0990	FNMA	3.500	2,084,193	2,035,597
BK0991	FNMA	3.500	3,567,149	3,289,327
Subtotal			24,387,161	23,439,389
MBS Participation Interest (25.0%)			6,096,790	5,859,847

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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 Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BJ0412	FNMA	3.500 %	\$ 2,101,228	\$ 1,945,238
BJ2869	FNMA	3.500	2,726,869	2,478,912
BJ2873	FNMA	4.000	2,391,919	1,987,431
BJ5214	FNMA	3.500	1,105,052	987,180
BB3797	GNMA II	3.500	3,868,517	3,507,309
Subtotal			12,193,585	10,906,069
MBS Participation Interest (50.000%)			6,096,793	5,453,035

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 450,613
BH8343	FNMA	4.000	534,213	523,607
BJ5401	FNMA	4.000	150,788	146,926
BF2379	GNMA II	3.500	3,368,038	3,140,125
BF2380	GNMA II	4.000	2,882,352	2,824,824
BF2172	GNMA I	3.500	2,167,549	2,121,462
BF2377	GNMA I	3.500	1,338,753	1,302,410
Subtotal			10,902,114	10,509,968
MBS Participation Interest (30.000%)			3,270,634	3,152,990

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



2017 DEF, continued

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0414	FNMA	3.500 %	\$ 2,277,814	\$ 2,221,785
BJ5216	FNMA	3.500	2,318,723	2,259,961
BJ5389	FNMA	3.500	1,982,976	1,911,547
Subtotal			6,579,513	6,393,293
MBS Participation Interest (50.000%)			3,289,756	3,196,647

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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 Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BJ0410	FNMA	3.500 %	\$ 550,689	\$ 541,963
BK3342	FNMA	4.000	308,085	303,668
BK1671	FNMA	4.000	291,810	287,188
BK3337	FNMA	4.000	1,305,698	1,286,748
BK3338	FNMA	4.000	2,205,603	2,172,293
BK3339	FNMA	4.000	1,055,529	1,038,959
BK4075	FNMA	4.000	1,272,248	1,103,757
BK4077	FNMA	4.000	1,089,471	1,072,634
BK5110	FNMA	4.000	2,136,660	2,102,105
BK6996	FNMA	4.000	1,260,717	1,240,712
BK6997	FNMA	4.000	2,301,801	2,263,627
BK7000	FNMA	4.500	2,319,415	2,284,030
BK7001	FNMA	4.500	2,408,804	2,373,876
B32321	FHLMC	4.000	154,310	151,904
B32316	FHLMC	4.000	597,634	588,138
Q56821	FHLMC	4.500	1,257,783	1,238,268
BB3331	GNMA II	3.500	535,471	525,529
BB3803	GNMA II	3.500	625,020	417,929
BB4033	GNMA II	3.500	304,304	298,013
BB4119	GNMA II	3.500	575,626	565,431

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 310,373
BF2612	GNMA II	3.500	162,282	158,613
BF2614	GNMA II	4.000	4,711,173	4,624,992
BF2621	GNMA II	4.000	561,626	552,697
BF2491	GNMA II	4.500	2,569,139	2,366,806
BF2616	GNMA II	4.500	2,348,038	2,311,279
BF2618	GNMA II	4.500	2,087,298	2,053,505
Subtotal			35,543,650	34,235,039
MBS Participation Interest (40.000%)			14,217,460	13,694,015

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 1,627,214
BJ0415	FNMA	3.500	1,364,693	1,332,578
BJ2868	FNMA	3.500	2,138,695	1,751,729
BJ2870	FNMA	3.500	1,241,724	1,209,208
BJ2874	FNMA	4.000	1,172,230	1,143,697
BJ5215	FNMA	3.500	1,139,105	950,330
BJ5217	FNMA	3.500	1,195,322	1,167,190
BJ5390	FNMA	3.500	2,607,621	2,538,358
BJ5392	FNMA	3.500	1,378,345	1,342,265
BJ5394	FNMA	4.000	1,943,975	1,895,324
BB3791	GNMA I	3.500	3,586,872	3,360,309
BB3792	GNMA I	3.500	4,373,543	4,248,522
BB3793	GNMA I	3.500	4,874,109	4,628,755
Subtotal			28,684,820	27,195,478
MBS Participation Interest (50.000%)			14,342,410	13,597,739
2017 DEF Total			\$ 119,885,693	\$ 110,205,022

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2018 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32314	FHLMC	3.500 %	\$ 163,459	\$ 160,681
B32315	FHLMC	4.500	142,087	139,717
B32320	FHLMC	4.000	116,088	114,318
B32322	FHLMC	4.500	248,252	148,833
B32328	FHLMC	4.000	554,503	429,285
BE4728	FNMA	4.000	369,322	363,309
BJ0400	FNMA	3.500	459,057	451,656
BJ0402	FNMA	3.500	434,785	427,798
BJ2876	FNMA	3.500	339,985	334,121
BJ8219	FNMA	4.000	448,968	441,491
BK0996	FNMA	3.500	446,957	439,233
BK0997	FNMA	3.500	525,586	515,937
BK0998	FNMA	3.500	699,765	687,932
BK1670	FNMA	3.500	413,986	404,956
BK3333	FNMA	3.500	895,167	880,867
BK3335	FNMA	3.500	1,020,628	1,004,696
BK3336	FNMA	4.000	1,034,111	1,018,229
BK3340	FNMA	4.500	355,128	350,274
BK3341	FNMA	3.500	207,161	203,870
BK4073	FNMA	3.500	480,683	472,185
BK4074	FNMA	4.000	2,014,715	1,707,840
BK4076	FNMA	4.000	1,974,594	1,942,874
BK4078	FNMA	4.500	1,394,390	1,373,635
BK4079	FNMA	4.500	2,074,399	1,795,170
BK5108	FNMA	4.000	1,855,353	1,802,625
BK5109	FNMA	4.000	1,313,057	971,853

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2018 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BK5111	FNMA	4.000 %	\$ 665,874	\$ 655,659
BK5112	FNMA	4.500	2,664,598	2,508,052
BK5113	FNMA	4.500	3,026,982	2,979,380
BK5114	FNMA	4.500	1,010,895	996,038
BK5117	FNMA	4.500	120,772	118,967
BK6998	FNMA	4.000	824,373	811,484
BK6999	FNMA	4.500	2,960,454	2,908,583
BK7002	FNMA	4.500	1,564,581	1,541,708
AX6211	GNMA II	3.500	443,193	434,741
BB3332	GNMA II	4.000	324,852	179,495
BB3459	GNMA II	3.500	527,574	515,290
BB3594	GNMA II	3.500	472,914	347,580
BB3595	GNMA II	3.500	395,486	388,040
BB3690	GNMA II	3.500	471,395	462,534
BB3800	GNMA II	3.500	361,608	219,082
BB4034	GNMA II	3.500	461,262	267,641
BB4035	GNMA II	3.500	550,625	540,381
BB4120	GNMA II	3.500	427,259	319,908
BB4121	GNMA II	3.500	514,224	505,013
BB4122	GNMA II	3.500	404,126	396,819
BF2178	GNMA II	3.500	437,746	331,591
BF2179	GNMA II	3.500	492,962	483,764
BF2182	GNMA II	3.500	175,760	172,738
BF2487	GNMA II	3.500	1,599,788	1,420,918
BF2490	GNMA II	4.000	1,726,633	1,484,664

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	192,352
BF2933	GNMA II	3.500	102,949	101,128
BF2938	GNMA II	4.500	3,553,501	3,500,005
BF2170	GNMA I	3.500	3,185,013	3,127,326
Subtotal			49,644,950	46,494,264

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 588,138
B32321	FHLMC	4.000	154,310	151,904
Q56821	FHLMC	4.500	1,257,783	1,238,268
BJ0410	FNMA	3.500	550,689	541,963
BK1671	FNMA	4.000	291,810	287,188
BK3337	FNMA	4.000	1,305,698	1,286,748
BK3338	FNMA	4.000	2,205,603	2,172,293
BK3339	FNMA	4.000	1,055,529	1,038,959
BK3342	FNMA	4.000	308,085	303,668
BK4075	FNMA	4.000	1,272,248	1,103,757
BK4077	FNMA	4.000	1,089,471	1,072,634
BK5110	FNMA	4.000	2,136,660	2,102,105
BK6996	FNMA	4.000	1,260,717	1,240,712
BK6997	FNMA	4.000	2,301,801	2,263,627
BK7000	FNMA	4.500	2,319,415	2,284,030
BK7001	FNMA	4.500	2,408,804	2,373,876
BB3331	GNMA II	3.500	535,471	525,529
BB3803	GNMA II	3.500	625,020	417,929
BB4033	GNMA II	3.500	304,304	298,013
BB4119	GNMA II	3.500	575,626	565,431
BF2384	GNMA II	3.500	547,416	310,373
BF2491	GNMA II	4.500	2,569,139	2,366,806
BF2612	GNMA II	3.500	162,282	158,613

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 2,311,279
BF2618	GNMA II	4.500	2,087,298	2,053,505
BF2614	GNMA II	4.000	4,711,173	4,624,992
BF2621	GNMA II	4.000	561,626	552,697
Subtotal			35,543,650	34,235,039
MBS Participation Interest (60.000%)			21,326,190	20,541,023

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 1,627,214
BJ0415	FNMA	3.500	1,354,162	1,332,578
BJ2868	FNMA	3.500	2,119,623	1,751,729
BJ2870	FNMA	3.500	1,231,254	1,209,208
BJ2874	FNMA	4.000	1,162,942	1,143,697
BJ5215	FNMA	3.500	1,129,624	950,330
BJ5217	FNMA	3.500	1,186,168	1,167,190
BJ5390	FNMA	3.500	2,584,435	2,538,358
BJ5392	FNMA	3.500	1,366,560	1,342,265
BJ5394	FNMA	4.000	1,927,501	1,895,324
BB3791	GNMA I	3.500	3,554,670	3,360,309
BB3792	GNMA I	3.500	4,333,087	4,248,522
BB3793	GNMA I	3.500	4,830,196	4,628,755
Subtotal			28,434,918	27,195,478
MBS Participation Interest (50.000%)			14,217,459	13,597,739

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 180,825
BK8048	FNMA	5.000	154,823	153,043
BK8980	FNMA	4.500	1,466,705	1,450,448
BF2622	GNMA II	4.000	452,287	446,026
BF2624	GNMA II	4.500	534,479	527,667
BF2939	GNMA II	4.000	491,314	484,665
BF3050	GNMA II	4.500	1,341,407	1,324,150
Subtotal			4,861,057	4,566,823
MBS Participation Interest (23.8%)			1,156,932	1,086,904

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 2,844,057
Subtotal			2,892,334	2,844,057
MBS Participation Interest (60.000%)			1,735,400	1,706,434

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 219,234
B32350	FHLMC	5.000	336,447	333,401
B32362	FHLMC	5.000	203,253	201,424
BK8971	FNMA	4.500	420,812	416,241
BK8972	FNMA	4.500	527,447	522,017
BK9342	FNMA	4.500	507,214	502,471
BN0265	FNMA	5.000	930,657	922,166
Subtotal			3,147,332	3,116,955
MBS Participation Interest (24.9962%)			786,713	779,120

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 1,809,052
Subtotal			1,966,784	1,809,052
MBS Participation Interest (60.000%)			1,180,070	1,085,431

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 2,128,473
BF3126	GNMA II	4.000	1,969,609	1,953,727
BI5933	GNMA II	4.000	5,053,923	5,012,894
BI6182	GNMA II	4.000	3,449,985	3,418,644
BI6183	GNMA II	4.000	3,382,053	3,355,286
BI6070	GNMA II	4.500	5,213,371	5,172,452
BI6184	GNMA II	4.500	3,474,491	3,445,351
BI6185	GNMA II	4.500	4,381,919	4,347,684
BI6186	GNMA II	4.500	5,013,250	4,973,414
Subtotal			34,372,422	33,807,924
MBS Participation Interest (39.9976%)			13,748,144	13,522,358

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 994,709
BF2171	GNMA	3.500	29.5335	1,788,664	1,770,512
BF2378	GNMA	3.500	29.5335	4,114,255	3,880,197
BF2493	GNMA II	4.000	25.5425	616,883	611,870
BF2615	GNMA II	4.000	25.5425	3,662,418	3,408,269
BF2934	GNMA II	4.000	25.5425	4,891,882	4,582,875
BF2935	GNMA II	4.000	25.5425	6,042,297	5,488,413
BF2617	GNMA II	4.500	24.2974	3,369,519	3,343,280
BF2936	GNMA II	4.500	24.2227	4,492,876	4,334,893
BF2937	GNMA II	4.500	24.5703	4,387,315	3,954,734
Subtotal				34,370,453	32,369,753
MBS Participation Interest (60.000%)				20,622,272	19,421,852
2018 ABCD Total				\$ 124,418,130	\$ 118,235,126

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2018 EFGH

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ1726	FNMA	3.500 %	\$ 315,572	\$ 312,742
BJ5397	FNMA	3.500	433,588	427,092
BJ5398	FNMA	3.500	445,687	441,581
BJ8217	FNMA	3.500	506,477	493,350
BJ5233	FNMA	3.500	149,889	148,694
BK4081	FNMA	4.000	256,835	107,320
BK4080	FNMA	4.000	381,469	378,315
BK7003	FNMA	4.000	505,809	501,529
BK8963	FNMA	4.000	4,291,720	4,259,820
BK8037	FNMA	4.000	1,000,675	992,692
BK9990	FNMA	4.000	149,776	148,722
BK9992	FNMA	4.000	154,145	153,061
BN0259	FNMA	4.000	245,655	243,765
BK8044	FNMA	4.500	457,447	454,059
BK7005	FNMA	4.500	204,837	203,269
BK8046	FNMA	4.500	565,390	561,118
BK9339	FNMA	4.500	437,996	434,712
BK9341	FNMA	4.500	502,441	498,827
BK9994	FNMA	4.500	1,646,268	1,633,444
BK9997	FNMA	4.500	127,747	126,899
BN0264	FNMA	4.500	5,484,630	5,443,776
Q58620	FHLMC	4.500	1,178,359	1,168,215
Q58602	FHLMC	4.500	1,111,370	1,103,229
Q58603	FHLMC	4.500	1,063,623	1,055,796
BN0268	FNMA	4.500	398,255	395,484
BN0269	FNMA	4.500	347,438	345,016

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 1,371,883
BN0000	FNMA	4.500	1,953,327	1,938,714
BN0001	FNMA	4.500	4,323,173	4,293,346
BN1399	FNMA	4.500	1,484,027	1,472,792
BN1817	FNMA	4.500	3,769,726	3,612,601
BN1818	FNMA	4.500	3,545,557	3,518,135
BN1819	FNMA	4.500	4,488,989	4,267,019
BN1820	FNMA	4.500	6,659,459	6,607,286
BN1822	FNMA	4.500	487,649	380,675
BN2708	FNMA	4.500	3,782,211	3,754,742
Q59693	FHLMC	4.500	1,055,496	1,047,618
Q59698	FHLMC	4.500	1,623,029	1,611,278
BN0270	FNMA	5.000	152,724	151,686
BN1821	FNMA	5.000	858,456	852,012
B32379	FHLMC	5.000	499,974	496,516
BN2709	FNMA	5.000	1,116,372	1,108,793
BN2710	FNMA	5.000	1,550,673	1,540,302
B32393	FHLMC	5.000	180,589	179,338
B32364	FHLMC	4.500	460,803	457,185
BB3454	GNMA II	3.500	335,283	332,149
BB3460	GNMA II	3.500	505,269	500,547
BB3801	GNMA II	3.500	451,312	446,957

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



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	\$ 425,614
BF2383	GNMA II	3.500	466,053	415,246
BF2385	GNMA II	4.000	563,784	558,783
BI6065	GNMA II	4.000	2,544,854	2,524,188
BI6066	GNMA II	4.000	5,879,906	5,831,211
BF2623	GNMA II	4.500	463,185	459,248
BF3057	GNMA II	4.500	420,914	417,595
BF3059	GNMA II	4.500	479,902	475,023
BI6069	GNMA II	4.500	4,157,487	4,124,780
BI6293	GNMA II	4.000	3,463,322	3,318,898
Subtotal			81,897,311	80,524,686

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 2,128,473
BF3126	GNMA II	4.000	1,969,609	1,953,727
BI5933	GNMA II	4.000	5,053,923	5,012,894
BI6182	GNMA II	4.000	3,449,985	3,418,644
BI6183	GNMA II	4.000	3,382,053	3,355,286
BI6070	GNMA II	4.500	5,213,371	5,172,452
BI6184	GNMA II	4.500	3,474,491	3,445,351
BI6185	GNMA II	4.500	4,381,919	4,347,684
BI6186	GNMA II	4.500	5,013,250	4,973,414
Subtotal			34,372,422	33,807,924
MBS Participation Interest (60.0024%)			20,624,278	20,285,566

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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</u>
BF2177	GNMA	3.500	% 70.4665	\$ 1,004,344	\$ 994,709
BF2171	GNMA	3.500	70.4665	1,788,664	1,770,512
BF2378	GNMA	3.500	70.4665	4,114,255	3,880,197
BF2493	GNMA II	4.000	74.4575	616,883	611,870
BF2615	GNMA II	4.000	74.4575	3,662,418	3,408,269
BF2934	GNMA II	4.000	74.4575	4,891,882	4,582,875
BF2935	GNMA II	4.000	74.4575	6,042,297	5,488,413
BF2617	GNMA II	4.500	75.7026	3,369,519	3,343,280
BF2936	GNMA II	4.500	75.7773	4,492,876	4,334,893
BF2937	GNMA II	4.500	75.4297	4,387,315	3,954,734
Subtotal				34,370,453	32,369,753
MBS Participation Interest (40.000%)				13,748,181	12,947,901

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 3,004,318
BN6774	FNMA	4.500	5,494,643	5,479,310
BN6775	FNMA	5.000	1,631,285	1,627,658
BN6776	FNMA	5.000	2,366,006	2,360,646
BN7977	FNMA	4.500	2,510,326	2,501,022
BN7978	FNMA	4.500	4,831,213	4,819,492
BN7979	FNMA	5.000	1,470,746	1,466,429
BI6439	GNMA II	5.500	204,132	203,692
BI6444	GNMA II	4.500	733,471	476,361
BI6679	GNMA II	5.000	642,179	640,706
BI6808	GNMA II	4.500	3,689,956	3,680,425
BI6814	GNMA II	5.000	3,025,576	3,018,031
BI6916	GNMA II	4.000	5,454,249	5,439,611
Subtotal			35,064,841	34,717,702
MBS Participation Interest (37.5225%)			13,157,205	13,026,950

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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 Acquisition	Principal Amount Outstanding
		Interest Rate	Interest Participation		
BN0005	FNMA	4.500 %	26.0429	\$ 1,780,150	\$ 1,776,186
BN0006	FNMA	4.500	26.1354	3,398,242	3,390,652
BN0007	FNMA	4.500	25.9282	1,831,086	1,826,717
BN0008	FNMA	4.500	26.0567	5,305,274	5,293,076
BN2703	FNMA	4.500	28.3402	1,632,556	1,626,866
BN2704	FNMA	4.500	28.2477	5,479,448	5,466,209
BN2705	FNMA	4.500	28.3949	5,171,051	5,157,991
BN2706	FNMA	4.500	28.6269	5,773,544	5,758,908
BN2707	FNMA	4.500	28.4498	3,936,068	3,925,388
Subtotal				34,307,418	34,221,992
MBS Participation Interest (61.6491%)				21,150,214	21,097,550
2018 EFGH Total				\$ 150,446,934	\$ 147,882,653

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2019 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32380	FHLMC	5.000 %	\$ 133,578	\$ 133,266
B32409	FHLMC	5.000	167,768	167,390
B32429	FHLMC	5.000	633,910	632,252
B32430	FHLMC	5.500	120,678	120,437
B32431	FHLMC	4.500	166,861	166,476
B32457	FHLMC	5.000	439,982	438,502
B32478	FHLMC	5.000	461,486	460,482
Q60966	FHLMC	4.500	1,434,087	1,430,263
Q61626	FHLMC	4.500	1,868,626	1,863,786
Q62157	FHLMC	4.500	1,082,490	1,079,842
Q63201	FHLMC	4.500	1,316,385	1,313,220
Q63202	FHLMC	5.000	1,004,928	1,002,665
BK0999	FNMA	4.000	742,290	739,704
BN0266	FNMA	4.500	514,281	512,863
BN1827	FNMA	4.500	588,005	586,623
BN2696	FNMA	4.500	581,292	579,864
BN2697	FNMA	4.500	432,672	431,648
BN2698	FNMA	4.500	298,817	297,989
BN3053	FNMA	4.500	3,788,834	3,780,556
BN3054	FNMA	5.000	1,619,709	1,616,432
BN3055	FNMA	4.500	170,906	170,547
BN3056	FNMA	5.000	200,297	199,890
BN3058	FNMA	4.500	1,206,008	1,203,450
BN3060	FNMA	5.000	199,234	198,839
BN3595	FNMA	4.500	493,748	492,361

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN4198	FNMA	4.500 %	\$ 559,929	\$ 558,440
BN4200	FNMA	5.000	465,131	464,086
BN4201	FNMA	5.000	398,151	397,309
BN4973	FNMA	5.500	183,545	183,170
BN4974	FNMA	4.500	552,714	551,430
BN4976	FNMA	4.500	475,799	474,700
BN4977	FNMA	4.500	407,639	406,687
BN4978	FNMA	5.000	303,013	302,326
BN6772	FNMA	4.500	3,442,305	3,433,946
BN6773	FNMA	4.500	1,954,207	1,949,163
BN6777	FNMA	5.500	226,272	225,812
BN7980	FNMA	4.500	511,672	510,402
BN8514	FNMA	4.500	509,678	508,575
BN8515	FNMA	5.000	279,489	278,921
BN8517	FNMA	4.500	3,226,049	3,219,019
BN8518	FNMA	4.500	194,802	194,392
BN9777	FNMA	4.500	3,891,021	3,881,673
BN9778	FNMA	4.500	4,504,123	4,493,235
BN9779	FNMA	5.000	2,082,842	2,078,053
BN9780	FNMA	5.000	2,889,907	2,883,270
BF3054	GNMA II	4.000	613,231	611,450
BF3055	GNMA II	4.500	587,952	586,383
BI5941	GNMA II	4.500	250,111	249,150
BI6072	GNMA II	4.000	737,430	735,433

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BI6074	GNMA II	4.500 %	\$ 577,359	\$ 575,665
BI6189	GNMA II	4.000	423,152	296,141
BI6192	GNMA II	4.500	422,666	421,572
BI6193	GNMA II	4.500	555,730	554,309
BI6194	GNMA II	4.500	754,141	752,260
BI6301	GNMA II	4.000	620,120	618,463
BI6302	GNMA II	4.500	499,728	498,218
BI6303	GNMA II	4.500	691,814	689,828
BI6304	GNMA II	4.500	517,836	516,520
BI6305	GNMA II	4.500	614,940	613,357
BI6306	GNMA II	4.500	525,368	524,084
BI6433	GNMA II	4.000	111,888	111,589
BI6436	GNMA II	4.500	7,527,045	7,506,470
BI6441	GNMA II	4.500	563,518	562,007
BI6443	GNMA II	4.500	403,109	402,098
BI6634	GNMA II	4.000	140,849	140,471
BI6671	GNMA II	4.500	5,485,692	5,472,018
BI6674	GNMA II	4.000	408,151	407,061
BI6675	GNMA II	4.500	577,661	576,133
BI6676	GNMA II	4.500	493,719	492,317
BI6677	GNMA II	4.500	471,754	470,619
BI6678	GNMA II	4.500	441,433	440,373
BI6680	GNMA II	5.000	571,010	569,651
BI6807	GNMA II	4.000	2,196,624	2,190,841

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BI6809	GNMA II	4.500 %	\$ 4,067,041	\$ 4,056,374
BI6810	GNMA II	4.500	3,685,095	3,675,640
BI6811	GNMA II	4.500	4,044,999	4,034,775
BI6812	GNMA II	4.500	3,993,114	3,982,995
BI6813	GNMA II	5.000	2,031,474	2,026,729
BI6815	GNMA II	4.500	518,736	517,419
BI6816	GNMA II	4.500	542,022	540,696
BI6817	GNMA II	4.500	422,645	421,543
BI6818	GNMA II	4.500	339,077	338,266
BI6917	GNMA II	4.500	3,213,631	3,204,924
BM1599	GNMA II	4.500	4,725,842	4,713,964
BM1600	GNMA II	5.000	329,825	329,034
BM1602	GNMA II	4.000	626,843	625,132
BM1603	GNMA II	4.500	575,067	573,609
BM1804	GNMA II	4.000	3,942,134	3,931,176
BM1805	GNMA II	4.000	4,131,193	4,120,264
BM1808	GNMA II	4.500	3,695,417	3,686,155

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
728666	GNMA II	4.250 %	\$ 146,599	\$ 59,807
743566	GNMA II	4.250	90,944	75,378
728516	GNMA II	4.625	7,021,096	2,546,079
728614	GNMA II	4.625	1,382,011	322,812
728262	GNMA II	4.875	994,000	184,630
728517	GNMA II	4.875	2,201,720	512,506
AC9191	FNMA	4.562	251,697	51,627
AC6444	FNMA	5.187	309,489	156,512
Subtotal			127,790,904	118,886,488

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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 %	\$ 5,772,392	\$ 1,671,983
728534	GNMA II	4.500	3,165,225	714,195
728613	GNMA II	4.500	4,906,470	968,394
728261	GNMA II	4.625	1,388,274	285,049
728535	GNMA II	4.625	1,061,740	403,708
728536	GNMA II	4.875	427,435	137,554
728519	GNMA II	5.125	442,344	308,125
735236	GNMA II	5.125	78,419	23,213
AC9166	FNMA	4.562	315,551	203,032
AC9177	FNMA	4.562	90,196	74,817
735540	GNMA II	4.500	4,303,546	1,458,394
743212	GNMA II	4.500	450,062	113,830
747576	GNMA II	4.500	834,588	190,437
747684	GNMA II	4.500	1,552,935	741,626
751069	GNMA II	4.500	627,065	399,623
751083	GNMA II	4.500	1,179,104	471,443
735284	GNMA II	4.625	1,408,975	295,041

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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>
735439	GNMA II	4.625 %	\$ 544,464	\$ 244,080
747509	GNMA II	4.625	1,658,314	804,212
747822	GNMA II	4.625	692,065	430,039
735542	GNMA II	4.750	997,704	308,884
AD6803	FNMA	4.500	87,851	738
AD2660	FNMA	4.562	335,820	102,758
AD3417	FNMA	4.562	449,308	251,072
AD3424	FNMA	4.562	100,335	84,505
AD4234	FNMA	4.562	237,044	150,011
AD4246	FNMA	4.562	240,606	186,775
AD5863	FNMA	4.750	236,686	75,273
Subtotal			33,584,517	11,098,811
MBS Participation Interest (50%)			16,792,258	5,549,406

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019**



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	\$ 3,004,318
BN6774	FNMA	4.500	5,494,643	5,479,310
BN6775	FNMA	5.000	1,631,285	1,627,658
BN6776	FNMA	5.000	2,366,006	2,360,646
BN7977	FNMA	4.500	2,510,326	2,501,022
BN7978	FNMA	4.500	4,831,213	4,819,492
BN7979	FNMA	5.000	1,470,746	1,466,429
BI6439	GNMA II	5.500	204,132	203,692
BI6444	GNMA II	4.500	733,471	476,361
BI6679	GNMA II	5.000	642,179	640,706
BI6808	GNMA II	4.500	3,689,956	3,680,425
BI6814	GNMA II	5.000	3,025,576	3,018,031
BI6916	GNMA II	4.000	5,454,249	5,439,611
Subtotal			35,064,841	34,717,702
MBS Participation Interest (62.4775%)			21,907,636	21,690,752

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of June 30, 2019



2019 ABCD, continued

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

Pool Number	Pool Type	Pass-Through		Interest Participation	Principal Amount At	
		Interest Rate			Acquisition	Outstanding
BN0005	FNMA	4.500	%	73.9571	\$ 1,780,150	\$ 1,776,186
BN0006	FNMA	4.500		73.8646	3,398,242	3,390,652
BN0007	FNMA	4.500		74.0718	1,831,086	1,826,717
BN0008	FNMA	4.500		73.9433	5,305,274	5,293,076
BN2703	FNMA	4.500		71.6598	1,632,556	1,626,866
BN2704	FNMA	4.500		71.7523	5,479,448	5,466,209
BN2705	FNMA	4.500		71.6051	5,171,051	5,157,991
BN2706	FNMA	4.500		71.3731	5,773,544	5,758,908
BN2707	FNMA	4.500		71.5502	3,936,068	3,925,388
Subtotal					34,307,418	34,221,992
MBS Participation Interest (38.3509%)					13,157,203	13,124,442
2019 ABCD Total					\$ 179,648,002	\$ 159,251,088

**Residential Housing Finance Bond Resolution
Whole Loan Mortgage Insurance
Information as of June 30, 2019**



Series	FHA	VA	Rural Development	MGIC	Genworth	Other Private Mortgage Insurers*	Uninsured	Total
Retired	\$ 1,714,724	\$ 25,514	\$ 351,841	\$ -	\$ -	\$ -	\$ 332,005	\$ 2,424,084
06LMN	44,177	-	-	172,402	-	-	432,696	649,275
07M	1,039,659	89,738	1,466,518	2,048,544	1,707,694	1,027,711	1,510,375	8,890,239
07M-40 Year	-	-	-	2,249,380	351,609	767,152	260,697	3,628,838
12ABCD	15,019,026	520,421	7,053,339	238,398	222,626	252,233	6,305,926	29,611,969
13ABC	5,190,711	317,113	3,611,660	516,529	104,666	233,129	5,171,962	15,145,770
14A	3,097,844	239,807	1,306,034	12,022	49,196	49,510	1,476,948	6,231,361
14B	4,250,461	134,850	1,211,081	132,927	20,117	36,641	1,222,084	7,008,161
14CDE	17,029,033	1,209,396	16,251,079	4,327,577	244,678	1,920,950	31,228,361	72,211,074
15ABCD	4,634,132	198,948	4,282,303	1,171,952	818,533	844,759	12,185,283	24,135,910
15ABCD-40 Year	-	-	-	285,258	-	891,710	175,789	1,352,757
15EFG	7,637,090	468,408	11,334,907	3,312,173	1,608,570	1,744,027	18,242,204	44,347,379
15EFG-40 Year	-	-	-	3,074,722	881,466	2,328,961	1,555,332	7,840,481
16ABC	2,337,036	454,033	4,985,147	7,043,535	4,776,086	2,672,274	6,365,689	28,633,800
16ABC-40 Year	-	-	-	5,811,844	1,655,885	3,312,389	1,999,239	12,779,357
16DEF	3,709,028	328,232	2,770,191	3,118,013	2,614,547	1,530,943	2,567,781	16,638,735
16DEF-40 Year	-	-	-	3,350,550	523,736	1,142,707	388,320	5,405,313
17ABC	12,627,725	155,488	6,473,510	3,338,376	906,854	1,738,107	5,672,145	30,912,205
17ABC-40 Year	-	-	-	3,778,479	1,679,307	1,996,398	2,343,650	9,797,834
17DEF	7,315,629	-	3,926,057	500,173	37,334	307,937	3,798,093	15,885,223
17DEF-40 Year	-	-	-	2,310,093	391,109	1,007,721	1,352,238	5,061,161
18ABCD	7,083,385	116,911	4,477,816	-	13,550	-	4,680,709	16,372,371
19ABCD	21,673,628	270,350	3,816,023	139,224	26,494	64,918	4,251,639	30,242,276
Total Bond Financed	\$ 114,403,288	\$ 4,529,209	\$ 73,317,506	\$ 46,932,171	\$ 18,634,057	\$ 23,870,177	\$ 113,519,165	\$ 395,205,573
	28.95%	1.15%	18.55%	11.88%	4.71%	6.04%	28.72%	100.00%

Republic 3.21%, United 1.33%, PMI .88%, Radian Guarantee Fund 0.34%, Commonwealth 0.18%, Triad 0.08%, Amerin 0.02%

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Delinquency and Foreclosure Statistics
Information as of June 30, 2019



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 ⁽¹⁾		Total ⁽²⁾
			#	%	#	%	#	%	#	%	%
Retired	50.0	\$2,424,084	10.0	20.00	2.0	4.00	2.0	4.00	2.0	4.00	12.00
06LMN	6.0	649,275	1.0	16.67	-	-	-	-	2.0	33.33	33.33
07M	98.1	8,890,239	5.2	5.30	1.6	1.63	1.0	1.02	4.4	4.49	7.14
07M-40 Yr	25.4	3,628,838	1.2	4.72	0.4	1.57	-	-	0.8	3.15	4.72
12ABCD	610.0	29,611,969	39.5	6.48	9.0	1.48	2.0	0.33	13.0	2.13	3.93
13ABC	312.5	15,145,770	21.0	6.72	4.0	1.28	3.0	0.96	5.0	1.60	3.84
14A	209.0	6,231,361	3.0	1.44	-	-	1.0	0.48	3.0	1.44	1.91
14B	227.0	7,008,161	9.0	3.96	1.0	0.44	-	-	4.0	1.76	2.20
14CDE	889.5	72,211,074	52.0	5.85	15.5	1.74	5.0	0.56	14.0	1.57	3.88
15ABCD	275.0	24,135,910	17.0	6.18	9.0	3.27	2.0	0.73	10.0	3.64	7.64
15ABCD-40 Year	9.0	1,352,757	-	-	1.0	11.11	-	-	2.0	22.22	33.33
15EFG	558.0	44,347,379	29.0	5.20	12.5	2.24	1.0	0.18	11.5	2.06	4.48
15EFG-40 Year	54.0	7,840,481	4.0	7.41	-	-	-	-	2.0	3.70	3.70
16ABC	317.0	28,633,800	21.5	6.78	8.0	2.52	3.0	0.95	9.0	2.84	6.31
16ABC-40 Year	91.0	12,779,357	6.0	6.59	-	-	-	-	3.0	3.30	3.30
16DEF	267.9	16,638,735	16.8	6.27	2.4	0.90	1.5	0.56	7.6	2.84	4.29
16DEF-40 Year	37.6	5,405,313	1.8	4.79	0.6	1.60	-	-	1.2	3.19	4.79
17ABC	382.5	30,912,205	37.0	9.67	6.5	1.70	3.5	0.92	16.5	4.31	6.93
17ABC-40 Year	82.0	9,797,834	4.0	4.88	2.0	2.44	-	-	3.0	3.66	6.10
17DEF	186.0	15,885,223	8.0	4.30	3.0	1.61	2.0	1.08	6.0	3.23	5.91
17DEF-40 Year	41.0	5,061,161	3.0	7.32	2.0	4.88	-	-	-	-	4.88
18ABCD	278.5	16,372,371	12.0	4.31	6.0	2.15	2.0	0.72	3.0	1.08	3.95
19ABCD	546.0	30,242,276	35.0	6.41	14.5	2.66	8.0	1.47	11.0	2.01	6.14
Total Bond Financed	5,553.0	\$ 395,205,573	337.0	6.07	101.0	1.82	37.0	0.67	134.0	2.41	4.90

All Loans are serviced by US Bank Home Mortgage.

If the number of loans allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata.

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

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

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

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages Delinquency and Foreclosure Statistics
Information as of June 30, 2019**

continued from page G-1.

<u>Comparative 60+ Day Delinquency Statistics⁽¹⁾</u>	<u>At 3/31/2019</u>	<u>At 6/30/2019</u>
Residential Housing Finance Bond Resolution Loan Portfolio	3.24%	3.61%
Mortgage Bankers Association of America, Minnesota ⁽²⁾	1.16%	not yet available
Mortgage Bankers Association of America, National ⁽²⁾	1.79%	not yet available

<u>Comparative Foreclosure Statistics⁽³⁾</u>	<u>At 3/31/2019</u>	<u>At 6/30/2019</u>
Residential Housing Finance Bond Resolution Loan Portfolio	0.90%	0.98%
Mortgage Bankers Association of America, Minnesota ⁽²⁾	0.46%	not yet available
Mortgage Bankers Association of America, National ⁽²⁾	0.88%	not yet available

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

(2) Mortgage Bankers Association of America average of 60+ days delinquency and foreclosure statistics adjusted by the Agency to reflect the proportions of insurance types in the Residential Housing Finance Bond Resolution loan portfolio. The unadjusted 3/31/2019 Mortgage Bankers Association of America average 60+ days delinquency rate is 1.15% Minnesota and 2.22% national. The unadjusted 3/31/2019 Mortgage Bankers Association of America foreclosure rate is 0.29% Minnesota and 0.74% national. None of the delinquency and foreclosure rates presented are seasonally adjusted. Reprinted by permission of the Mortgage Bankers Association. For more information, contact the Mortgage Bankers Association, 1331 L Street NW, Washington D.C. 20005, (202) 557-2700 <http://www.mortgagebankers.org>

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

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Real Estate Owned Activity on Uninsured Loans
Information as of June 30, 2019



Series	Real Estate Owned*				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
13ABC	3.0	288,351	96,117	204,584	68,195
15ABCD	1.0	126,626	126,626	412	412
15EFG	1.0	72,418	72,418	79,958	79,958
15EFG-40 Year	1.0	109,760	109,760	122,103	122,103
16ABC-40 Year	1.0	113,408	113,408	127,433	127,433
19ABCD	1.0	60,461	60,461	67,192	67,192
Total	<u>8.0</u>	<u>\$ 771,024</u>	\$ 96,378	<u>\$ 601,682</u>	\$ 75,210

*MHFA holds title - property is not sold.

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages Insurance Claims Activity
Information as of June 30, 2019**



REO Pending Claims* PMI						
Bond Financed	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due	
07M	0.2	\$ 18,519	\$ 92,595	\$ 18,519	\$ 92,595	
12ABCD	3.0	155,539	51,846	173,476	57,825	
14CDE	8.0	587,053	73,382	498,270	62,284	
15ABCD	1.0	82,504	82,504	60,782	60,782	
15EFG	3.5	266,455	76,130	266,025	76,007	
16ABC	3.5	335,806	95,945	84,925	24,264	
16DEF	0.3	27,778	92,593	29,415	98,050	
17ABC	1.0	76,517	76,517	60,008	60,008	
18ABCD	2.0	98,016	49,008	76,740	38,370	
19ABCD	0.5	30,221	60,442	11,417	22,834	
Total	<u>23.0</u>	<u>\$ 1,678,408</u>	<u>\$ 72,974</u>	<u>\$ 1,279,577</u>	<u>\$ 55,634</u>	

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

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages FHA Mortgage Insurance/VA Guaranty Pending Claims
Information as of June 30, 2019



Series	FHA/VA Mortgage Insurance/VA Guaranty Pending Claims *				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	6.0	\$ 408,384	\$ 68,064	138,565	\$ 23,094
12ABCD	6.0	303,366	50,561	127,874	21,312
13ABC	1.0	40,566	40,566	9,164	9,164
14A	1.0	47,891	47,891	52,449	52,449
15ABCD	1.0	50,124	50,124	55,353	55,353
15EFG	1.0	67,792	67,792	73,446	73,446
16ABC	2.0	195,930	97,965	210,010	105,005
16DEF	1.0	81,268	81,268	277	277
17ABC	2.0	135,708	67,854	151,608	75,804
17DEF	1.0	18,553	18,553	20,215	20,215
Total	<u>22.0</u>	<u>\$ 1,349,582</u>	<u>\$ 61,345</u>	<u>\$ 838,961</u>	<u>\$ 38,135</u>

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

If the number of loans allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Real Estate Owned/Completed Insurance Claims Activity
Cumulative Information as of June 30, 2019



Series	Completed Claims (1)				
	No. of Prop.	Loan Balance (2)	Average Balance	Gain (Loss)	Average Gain (Loss)
Bond Financed:					
RHFB Retired	3,476.8	\$ 414,765,547	\$ 119,295	(80,259,946)	\$ (23,084)
RHFB 06LMN	55.0	6,338,927	115,253	(1,649,566)	(29,992)
RHFB 07M	100.2	12,619,426	125,942	(3,014,653)	(30,086)
RHFB 07M-40 Year	34.4	5,506,959	160,086	(1,520,980)	(44,215)
RHFB 2012ABCD	113.0	7,933,501	70,208	(1,007,270)	(8,914)
RHFB 2013ABC	45.5	3,220,737	70,785	(406,509)	(8,934)
RHFB 2014A	2.0	129,035	64,518	(84)	(42)
RHFB 2014B	5.0	302,517	60,503	(1,396)	(279)
RHFB 2014CDE	72.5	7,187,158	99,133	(947,138)	(13,064)
RHFB 2015ABCD	31.5	3,114,271	98,866	(381,450)	(12,110)
RHFB 2015ABCD-40 Year	2.0	356,538	178,269	(56,669)	(28,335)
RHFB 2015EFG	35.0	3,493,382	99,811	(511,547)	(14,616)
RHFB 2015EFG-40 Year	11.0	1,611,190	146,472	(179,180)	(16,289)
RHFB 2016ABC	28.0	3,152,447	112,587	(292,425)	(10,444)
RHFB 2016ABC-40 Year	7.0	1,063,912	151,987	(80,829)	(11,547)
RHFB 2016DEF	10.2	758,273	74,340	(74,586)	(7,312)
RHFB 2016DEF-40 Year	2.4	349,835	145,765	(46,028)	(19,178)
RHFB 2017ABC	8.5	779,650	91,724	(30,924)	(3,638)
RHFB 2017ABC-40 Year	2.0	207,407	103,704	(9,409)	(4,705)
RHFB 2017DEF	6.0	635,815	105,969	(42,246)	(7,041)
Total	4,048.0	\$ 473,526,527	\$ 116,978	\$(90,512,835)	\$ (22,360)

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

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

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata.

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages Prepayment Report
Information as of June 30, 2019**



Bond Financed	Weighted Average Interest Rate Based on Total Loans Purchased		Total Loan Purchases		Prepayments/REO 12 Months Ended 6/30/2019		Curtailments 12 Months Ended 6/30/2019	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	50.0	2,953,497	201,692	13,947.5	1,196,435,786
RHFB 06LMN	5.77		157.0	20,334,227	1.0	180,846	59	151.0	14,386,208
RHFB 2007M	5.96		435.3	51,601,162	13.8	1,341,567	41,563	337.0	38,416,516
RHFB 2007M-40 Yr	6.09		87.6	13,786,495	4.4	591,121	8,514	62.4	7,928,253
RHFB 2012ABCD	6.10		1,411.0	96,047,766	58.0	2,822,686	278,490	799.5	49,461,877
RHFB 2013ABC	5.96		641.0	42,482,583	36.5	1,842,099	131,544	324.5	18,962,117
RHFB 2014A	6.13		381.0	15,938,679	22.0	375,673	104,255	171.0	5,697,788
RHFB 2014B	6.13		419.0	15,978,942	19.0	384,369	70,967	192.0	4,521,769
RHFB 2014CDE	5.15		1,554.0	147,424,535	87.5	6,874,380	285,150	656.5	58,045,637
RHFB 2015ABCD	5.56		538.0	52,474,015	36.5	2,894,816	174,334	260.0	23,262,096
RHFB 2015ABCD-40 Yr	5.56		20.0	3,064,439	1.0	137,266	954	11.0	1,585,604
RHFB 2015EFG	5.68		886.0	80,106,833	59.5	4,855,047	258,708	322.5	27,813,439
RHFB 2015EFG-40yr	5.47		105.0	15,680,365	8.0	1,050,674	19,143	50.0	7,063,660
RHFB 2016ABC	5.93		567.0	59,751,015	57.0	5,729,080	180,190	244.5	26,607,872
RHFB 2016ABC-40 Yr	5.93		151.0	22,027,528	14.0	1,936,296	64,460	59.0	8,212,189
RHFB 2016DEF	5.68		392.3	27,242,103	35.7	2,285,355	128,312	123.1	8,155,528
RHFB 2016DEF-40 Yr	5.38		55.6	8,084,772	6.6	873,940	12,682	18.0	2,362,146
RHFB 2017ABC	5.82		518.0	45,579,077	63.5	5,726,180	167,940	133.0	12,141,125
RHFB 2017ABC-40 Yr	5.79		102.0	12,928,653	6.0	639,573	175,343	20.0	2,616,679
RHFB 2017DEF	5.73		226.0	20,736,955	28.0	2,812,741	83,092	39.0	3,896,652
RHFB 2017DEF-40 Yr	5.54		48.0	5,841,813	6.0	608,160	17,541	7.0	621,820
RHFB 2018ABCD	5.17		307.5	19,253,174	27.0	1,742,765	175,751	27.0	1,742,765
RHFB 2019ABCD	5.85		556.0	31,227,433	9.0	652,916	23,928	9.0	652,916
Total Bond Financed	5.82	%	23,563.0	\$ 2,341,031,089	650.0	\$ 49,311,047	\$ 2,604,612	17,964.5	\$ 1,520,590,442

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata.

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Prepayment Report
Information as of June 30, 2019**



Series	Weighted Average Pass- Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 06/30/2019	Curtailments 12 Months Ended 06/30/2019	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
12ABCD	3.516%	60,697,067	3,222,423	90,932	28,021,157	672,519	28,693,676
13ABC	2.633%	42,301,165	3,449,985	85,604	16,632,816	364,619	16,997,435
14A	3.207%	50,003,520	3,517,326	158,242	18,290,197	487,611	18,777,808
14B	3.335%	50,015,523	5,187,710	46,685	20,514,312	291,308	20,805,620
14CDE	3.514%	78,421,289	6,249,017	88,871	28,315,025	354,154	28,669,179
15ABCD	3.271%	64,030,055	5,978,423	43,109	18,861,769	171,661	19,033,430
15EFG	3.537%	74,399,612	5,647,194	57,580	17,519,333	193,765	17,713,098
16ABC	3.423%	74,982,792	5,200,373	58,833	11,730,321	165,805	11,896,126
16DEF	3.083%	100,005,295	5,864,496	130,497	10,522,796	312,093	10,834,889
17ABC	3.721%	60,900,313	3,778,010	67,391	4,657,520	163,171	4,820,691
17DEF	3.559%	120,065,774	5,794,340	110,024	6,600,435	198,175	6,798,610
18ABCD	4.070%	125,038,008	4,712,297	115,425	4,712,297	115,425	4,827,722
18EFGH	4.361%	150,754,397	1,677,548	87,046	1,677,548	87,046	1,764,594
19ABCD	4.525%	165,512,647	1,206,661	53,572	27,521,481	418,833	27,940,314
Total		<u>\$ 1,217,127,457</u>	<u>\$ 61,485,803</u>	<u>\$ 1,193,811</u>	<u>\$ 215,577,007</u>	<u>\$ 3,996,186</u>	<u>\$ 219,573,193</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, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2006 N	1/1/2008	\$ -	\$ 315,000	\$ 10,000	\$ -	325,000	2013, 2016 & 2037
	7/1/2008	-	90,000	25,000	-	115,000	2011, 2014, 2016 & 2037
	1/1/2009	-	165,000	5,000	-	170,000	2016 & 2037
	7/1/2009	-	150,000	15,000	-	165,000	2012, 2014, 2016 & 2037
	1/1/2010	-	1,765,000	15,000	-	1,780,000	2037
	7/1/2010	-	785,000	35,000	-	820,000	2037
	1/1/2011	-	1,780,000	55,000	-	1,835,000	2037
	7/1/2011	-	1,740,000	80,000	-	1,820,000	2037
	1/1/2012	-	1,175,000	10,000	-	1,185,000	2037
	7/1/2012	-	960,000	50,000	-	1,010,000	2013-2016 & 2037
	1/1/2013	-	868,745	26,255	-	895,000	2015-2016 & 2037
	7/1/2013	-	788,696	21,304	-	810,000	2014-2016 & 2037
	1/1/2014	-	624,225	135,775	-	760,000	2036
	7/1/2014	-	709,729	45,271	-	755,000	2037
	8/1/2014	-	20,000	-	-	20,000	2015-2016
	12/1/2014	-	4,889	111	-	5,000	2015
	1/1/2015	-	460,773	14,227	-	475,000	2015-2016 & 2037
	5/1/2015	-	9,481	519	-	10,000	2015-2016
	6/1/2015	-	4,801	199	-	5,000	2016
	7/1/2015	-	375,122	24,878	-	400,000	2016 & 2037
	9/1/2015	-	4,874	126	-	5,000	2016
	11/1/2015	-	4,850	150	-	5,000	2016
	1/1/2016	-	295,850	9,150	-	305,000	2037
	1/7/2016	-	-	-	-	310,000	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	
Total 2006 N		-	14,128,135	611,865	310,000	15,050,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2007 M*	1/1/2008	\$ -	\$ 35,000	\$ -	\$ -	35,000	2038
	7/1/2008	-	405,000	-	-	405,000	2038
	1/1/2009	-	630,000	-	-	630,000	2038
	7/1/2009	-	1,285,000	-	-	1,285,000	2038
	1/1/2010	-	1,695,000	-	-	1,695,000	2038
	7/1/2010	-	2,080,000	-	-	2,080,000	2038
	1/1/2011	-	2,735,000	-	-	2,735,000	2038
	7/1/2011	-	3,705,000	-	-	3,705,000	2038
	1/1/2012	-	2,515,000	-	-	2,515,000	2038
	7/1/2012	-	3,680,000	-	-	3,680,000	2038
	1/1/2013	-	3,330,000	-	-	3,330,000	2038
	7/1/2013	-	3,765,000	-	-	3,765,000	2038
	1/1/2014	-	3,565,000	-	-	3,565,000	2038
	7/1/2014	-	2,705,000	-	-	2,705,000	2038
	1/1/2015	-	1,987,446	-	1,132,554	3,120,000	2038
	7/1/2015	-	1,673,605	-	706,395	2,380,000	2038
	1/1/2016	-	1,567,886	-	752,114	2,320,000	2038
	7/1/2016	-	2,570,000	-	-	2,570,000	2038
	1/1/2017	-	2,550,847	-	514,153	3,065,000	2038
	7/1/2017	-	2,206,750	68,250	-	2,275,000	2038
1/1/2018	-	2,279,500	70,500	-	2,350,000	2038	
7/1/2018	-	1,527,750	47,250	-	1,575,000	2038	
1/1/2019	-	1,391,950	43,050	-	1,435,000	2038	
Total 2007 M		-	49,885,734	229,050	3,105,216	53,220,000	

* Prepayments for 2007M include repayments.

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2009 D	7/1/2010	\$ -	\$ 210,000	\$ 5,000	\$ -	215,000	2011-2013 & 2017-2020
	1/1/2011	-	360,000	-	-	360,000	2012-2013 & 2017-2020
	7/1/2011	-	390,000	10,000	-	400,000	2012-2013 & 2017-2020
	1/1/2012	-	135,000	10,000	-	145,000	2012-2013 & 2017-2020
	5/1/2012	-	250,000	-	-	250,000	2013 & 2017-2020
	6/1/2012	-	165,000	15,000	-	180,000	2013 & 2017-2020
	7/1/2012	-	320,000	15,000	-	335,000	2013 & 2017-2020
	9/1/2012	-	115,000	5,000	-	120,000	2013 & 2017-2020
	10/1/2012	-	130,000	-	-	130,000	2013 & 2017-2020
	11/1/2012	-	90,000	-	-	90,000	2013 & 2017-2020
	12/1/2012	-	170,240	4,760	-	175,000	2013 & 2017-2020
	5/1/2013	-	63,103	1,897	-	65,000	2017-2020
	6/1/2013	-	82,542	2,458	-	85,000	2017-2020
	7/1/2013	-	172,466	2,534	-	175,000	2017-2020
	9/1/2013	-	43,512	1,488	-	45,000	2017-2020
	10/1/2013	-	67,972	2,028	-	70,000	2017-2020
	11/1/2013	-	135,787	4,213	-	140,000	2017-2020
	12/1/2013	-	82,532	2,468	-	85,000	2017-2020
	1/1/2014	-	82,265	2,735	-	85,000	2017-2020
	5/1/2014	-	58,260	1,740	-	60,000	2017-2020
	6/1/2014	-	82,526	2,474	-	85,000	2017-2020
	7/1/2014	-	67,108	2,892	-	70,000	2017-2020
	10/1/2014	-	126,798	3,202	-	130,000	2017-2020
	11/1/2014	-	77,265	2,735	-	80,000	2017-2020
	12/1/2014	-	125,479	4,521	-	130,000	2017-2020
	1/1/2015	-	91,092	3,908	-	95,000	2017-2020
	5/1/2015	-	33,984	1,016	-	35,000	2017-2020
	6/1/2015	-	62,740	2,260	-	65,000	2017-2020
	7/1/2015	-	79,739	5,261	-	85,000	2017-2020
	9/1/2015	-	4,889	111	-	5,000	2020
	11/1/2015	-	252,200	7,800	-	260,000	2017-2020
	12/1/2015	-	63,050	1,950	-	65,000	2017-2020
	1/1/2016	-	66,496	3,504	-	70,000	2017-2020
	4/1/2016	-	14,550	450	-	15,000	2018-2020
	5/1/2016	-	58,200	1,800	-	60,000	2017-2020
	6/1/2016	-	43,650	1,350	-	45,000	2017-2020
	7/1/2016	-	133,086	6,914	-	140,000	2017-2020
	9/1/2016	-	126,100	3,900	-	130,000	2017-2020
	10/1/2016	-	43,650	1,350	-	45,000	2017-2020
	11/1/2016	-	106,700	3,300	-	110,000	2017-2020
12/1/2016	-	77,600	2,400	-	80,000	2017-2020	
1/1/2017	-	78,119	6,881	-	85,000	2017-2020	
2/1/2017	-	14,550	450	-	15,000	2018-2020	
3/1/2017	-	67,900	2,100	-	70,000	2017-2020	
4/1/2017	-	48,500	1,500	-	50,000	2017-2020	
5/1/2017	-	63,050	1,950	-	65,000	2017-2020	
6/1/2017	-	48,500	1,500	-	50,000	2017-2020	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2017	-	91,017	3,983	-	95,000	2018-2020
	8/1/2017	-	126,100	3,900	-	130,000	2018-2020
	9/1/2017	-	101,850	3,150	-	105,000	2018-2020
	10/1/2017	-	29,100	900	-	30,000	2018-2020
	11/1/2017	-	53,350	1,650	-	55,000	2018-2020
	12/1/2017	-	48,500	1,500	-	50,000	2018-2020
	1/1/2018	-	51,834	3,166	-	55,000	2018-2020
	2/1/2018	-	53,350	1,650	-	55,000	2018-2020
	3/1/2018	-	14,550	450	-	15,000	2020
	4/1/2018	-	29,100	900	-	30,000	2018-2020
	5/1/2018	-	19,400	600	-	20,000	2018-2020
	6/1/2018	-	48,500	1,500	-	50,000	2018-2020
	7/1/2018	-	27,959	2,041	-	30,000	2019-2020
	8/1/2018	-	33,950	1,050	-	35,000	2019-2020
	9/1/2018	-	19,400	600	-	20,000	2019-2020
	10/1/2018	-	29,100	900	-	30,000	2019-2020
	11/1/2018	-	58,200	1,800	-	60,000	2019-2020
	12/1/2018	-	19,400	600	-	20,000	2019-2020
	1/1/2019	-	57,593	2,407	-	60,000	2019-2020
	3/1/2019	-	9,700	300	-	10,000	2020
	4/1/2019	-	9,700	300	-	10,000	2020
Total 2009 D		-	6,112,853	197,147	-	6,310,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2009 E	7/1/2010	\$ -	\$ 1,140,000	\$ 30,000	\$ -	\$ 1,170,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2011	-	1,845,000	85,000	-	1,930,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2011	-	2,055,000	55,000	-	2,110,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2012	-	915,000	20,000	-	935,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2012	-	1,820,000	-	-	1,820,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2012	-	1,215,000	90,000	-	1,305,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2012	-	2,365,000	95,000	-	2,460,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	9/1/2012	-	1,015,000	30,000	-	1,045,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	10/1/2012	-	1,065,000	35,000	-	1,100,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	11/1/2012	-	745,000	25,000	-	770,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	12/1/2012	-	1,451,098	43,902	-	1,495,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2013	-	655,297	19,703	-	675,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2013	-	839,843	25,157	-	865,000	2013-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2013	-	1,851,735	43,265	-	1,895,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	9/1/2013	-	456,621	13,379	-	470,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	10/1/2013	-	713,713	21,287	-	735,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	11/1/2013	-	1,480,730	44,270	-	1,525,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	12/1/2013	-	888,429	26,571	-	915,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2014	-	894,641	20,359	-	915,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2014	-	669,984	20,016	-	690,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2014	-	844,734	25,266	-	870,000	2014-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2014	-	664,976	30,024	-	695,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	10/1/2014	-	1,347,602	42,398	-	1,390,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	11/1/2014	-	790,885	24,115	-	815,000	2015-2016, 2020-2021, 2024, 2029, 2034 & 2040
	12/1/2014	-	1,300,421	39,579	-	1,340,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	1/1/2015	-	943,312	41,688	-	985,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	5/1/2015	-	339,466	10,534	-	350,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	6/1/2015	-	650,210	19,790	-	670,000	2015-2016, 2021, 2024, 2029, 2034 & 2040
	7/1/2015	-	812,729	37,271	-	850,000	2016, 2021, 2024, 2029, 2034 & 2040
	9/1/2015	-	82,411	2,589	-	85,000	2021, 2024, 2029, 2034 & 2040
	11/1/2015	-	2,585,050	79,950	-	2,665,000	2021, 2024, 2029, 2034 & 2040
	12/1/2015	-	640,200	19,800	-	660,000	2021, 2024, 2029, 2034 & 2040
	1/1/2016	-	645,963	34,037	-	680,000	2021, 2024, 2029, 2034 & 2040
	4/1/2016	-	121,250	3,750	-	125,000	2021, 2024, 2029, 2034 & 2040
	5/1/2016	-	611,100	18,900	-	630,000	2021, 2024, 2029, 2034 & 2040
	6/1/2016	-	451,050	13,950	-	465,000	2021, 2024, 2029, 2034 & 2040
	7/1/2016	-	1,335,615	69,385	-	1,405,000	2021, 2024, 2029 & 2040
	9/1/2016	-	1,265,850	39,150	-	1,305,000	2021, 2024, 2029, 2034 & 2040
	10/1/2016	-	417,100	12,900	-	430,000	2021, 2024, 2029, 2034 & 2040
	11/1/2016	-	1,081,550	33,450	-	1,115,000	2021, 2024, 2029, 2034 & 2040
	12/1/2016	-	776,000	24,000	-	800,000	2021, 2024, 2029, 2034 & 2040
	1/1/2017	-	767,405	67,595	-	835,000	2021, 2024, 2029, 2034 & 2040
	2/1/2017	-	135,800	4,200	-	140,000	2021, 2024, 2029, 2034 & 2040
	3/1/2017	-	688,700	21,300	-	710,000	2021, 2024, 2029, 2034 & 2040
	4/1/2017	-	499,550	15,450	-	515,000	2021, 2024, 2029, 2034 & 2040
	5/1/2017	-	640,200	19,800	-	660,000	2021, 2024, 2029, 2034 & 2040
	6/1/2017	-	485,000	15,000	-	500,000	2021, 2024, 2029, 2034 & 2040

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	7/1/2017	-	1,029,933	45,067	-	1,075,000	2021, 2024, 2029, 2034 & 2040
	8/1/2017	-	1,358,000	42,000	-	1,400,000	2021, 2024, 2029, 2034 & 2040
	9/1/2017	-	1,154,300	35,700	-	1,190,000	2021, 2024, 2029, 2034 & 2040
	10/1/2017	-	339,500	10,500	-	350,000	2021, 2024, 2029, 2034 & 2040
	11/1/2017	-	601,400	18,600	-	620,000	2021, 2024, 2029, 2034 & 2040
	12/1/2017	-	528,650	16,350	-	545,000	2021, 2024, 2029, 2034 & 2040
	1/1/2018	-	645,566	39,434	-	685,000	2021, 2024, 2029, 2034 & 2040
	2/1/2018	-	664,450	20,550	-	685,000	2021, 2024, 2029, 2034 & 2040
	3/1/2018	-	160,050	4,950	-	165,000	2021, 2024, 2029, 2034 & 2040
	4/1/2018	-	412,250	12,750	-	425,000	2021, 2024, 2029, 2034 & 2040
	5/1/2018	-	232,800	7,200	-	240,000	2021, 2024, 2029, 2034 & 2040
	6/1/2018	-	640,200	19,800	-	660,000	2021, 2024, 2029, 2034 & 2040
	7/1/2018	-	442,691	32,309	-	475,000	2021, 2024, 2029, 2034 & 2040
	8/1/2018	-	620,800	19,200	-	640,000	2021, 2024, 2029, 2034 & 2040
	9/1/2018	-	305,550	9,450	-	315,000	2021, 2024, 2029, 2034 & 2040
	10/1/2018	-	455,900	14,100	-	470,000	2021, 2024, 2029, 2034 & 2040
	11/1/2018	-	936,050	28,950	-	965,000	2021, 2024, 2029, 2034 & 2040
	12/1/2018	-	315,250	9,750	-	325,000	2021, 2024, 2029, 2034 & 2040
	1/1/2019	-	1,166,607	53,393	-	1,220,000	2021, 2024, 2029, 2034 & 2040
	2/1/2019	-	82,450	2,550	-	85,000	2021, 2024, 2029, 2034 & 2040
	3/1/2019	-	218,250	6,750	-	225,000	2021, 2024, 2029, 2034 & 2040
	4/1/2019	-	291,000	9,000	-	300,000	2021, 2024, 2029, 2034 & 2040
Total 2009 E		-	57,607,867	1,967,133	-	59,575,000	

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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

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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	-	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
	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
Total 2012 A		-	19,221,094	708,906	-	19,930,000	

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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

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	10/1/2017	-	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
	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
Total 2012 B		-	4,347,885	157,115	-	4,505,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



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	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	1/1/2018	-	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
	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
Total 2012 C		-	15,204,715	575,285	-	15,780,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



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

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	4/1/2017	-	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
	6/1/2019	-	324,950	10,050	-	335,000	2040
Total 2012 D		-	44,015,275	1,549,725	-	45,565,000	

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

Residential Housing Finance Bond Resolution
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Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	4/1/2018	-	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
Total 2013 A		-	19,773,769	771,231	-	20,545,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
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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 B	12/1/2013	\$ -	\$ 43,706	\$ 1,294	\$ -	45,000	2016-2019
	1/1/2014	-	121,459	3,541	-	125,000	2016-2019
	6/1/2014	-	91,577	3,423	-	95,000	2016-2019
	7/1/2014	-	82,919	7,081	-	90,000	2016-2019
	12/1/2014	-	43,844	1,156	-	45,000	2016-2019
	1/1/2015	-	159,565	10,435	-	170,000	2016-2019
	6/1/2015	-	9,821	179	-	10,000	2018-2019
	7/1/2015	-	150,493	9,507	-	160,000	2016-2019
	11/1/2015	-	4,850	150	-	5,000	2019
	12/1/2015	-	145,500	4,500	-	150,000	2016-2019
	1/1/2016	-	17,693	2,307	-	20,000	2018-2019
	6/1/2016	-	4,850	150	-	5,000	2019
	7/1/2016	-	275,865	14,135	-	290,000	2017-2019
	9/1/2016	-	24,250	750	-	25,000	2017-2019
	10/1/2016	-	4,850	150	-	5,000	2018
	11/1/2016	-	77,600	2,400	-	80,000	2017-2019
	12/1/2016	-	126,100	3,900	-	130,000	2017-2019
	1/1/2017	-	59,950	5,050	-	65,000	2017-2019
	4/1/2017	-	19,400	600	-	20,000	2017-2019
	5/1/2017	-	48,500	1,500	-	50,000	2017-2019
	6/1/2017	-	67,900	2,100	-	70,000	2017-2019
	7/1/2017	-	8,839	1,161	-	10,000	2018
	1/1/2018	-	60,613	4,387	-	65,000	2018-2019
	4/1/2018	-	24,250	750	-	25,000	2018-2019
	5/1/2018	-	33,950	1,050	-	35,000	2018-2019
	6/1/2018	-	43,650	1,350	-	45,000	2018-2019
	7/1/2018	-	8,772	1,228	-	10,000	2019
	11/1/2018	-	24,250	750	-	25,000	2019
	12/1/2018	-	19,400	600	-	20,000	2019
	1/1/2019	-	42,827	2,173	-	45,000	2019
	5/1/2019	-	4,850	150	-	5,000	2019
Total 2013 B		-	1,852,093	87,907	-	1,940,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2013 C	12/1/2013	\$ -	\$ 199,105	\$ 5,895	\$ -	205,000	2020-2023, 2033, 2038 & 2043
	1/1/2014	-	542,649	17,351	-	560,000	2019-2023, 2033, 2038 & 2043
	6/1/2014	-	417,818	12,182	-	430,000	2019-2023, 2033, 2038 & 2043
	7/1/2014	-	358,330	31,670	-	390,000	2019-2023, 2033, 2038 & 2043
	12/1/2014	-	189,077	5,923	-	195,000	2020-2023, 2033, 2038 & 2043
	1/1/2015	-	699,151	45,849	-	745,000	2019-2023, 2033, 2038 & 2043
	6/1/2015	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2015	-	651,370	43,630	-	695,000	2019-2023, 2033, 2038 & 2043
	11/1/2015	-	14,550	450	-	15,000	2023, 2038 & 2043
	12/1/2015	-	654,750	20,250	-	675,000	2019-2023, 2033, 2038 & 2043
	1/1/2016	-	70,773	9,227	-	80,000	2021-2023, 2033, 2038 & 2043
	6/1/2016	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2016	-	1,350,788	69,212	-	1,420,000	2019-2023, 2033, 2038 & 2043
	9/1/2016	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	10/1/2016	-	24,250	750	-	25,000	2023, 2033, 2038 & 2043
	11/1/2016	-	368,600	11,400	-	380,000	2020-2023, 2033, 2038 & 2043
	12/1/2016	-	625,650	19,350	-	645,000	2019-2023, 2033, 2038 & 2043
	1/1/2017	-	345,865	29,135	-	375,000	2020-2023, 2033, 2038 & 2043
	4/1/2017	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	5/1/2017	-	281,300	8,700	-	290,000	2020-2023, 2033, 2038 & 2043
	6/1/2017	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	7/1/2017	-	79,554	10,446	-	90,000	2021-2023, 2033, 2038 & 2043
	1/1/2018	-	587,475	42,525	-	630,000	2019-2023, 2033, 2038 & 2043
	4/1/2018	-	271,600	8,400	-	280,000	2020-2023, 2033, 2038 & 2043
	5/1/2018	-	368,600	11,400	-	380,000	2020-2023, 2033 & 2043
	6/1/2018	-	451,050	13,950	-	465,000	2019-2023, 2033, 2038 & 2043
	7/1/2018	-	105,259	14,741	-	120,000	2020-2023, 2033, 2038 & 2043
	10/1/2018	-	24,250	750	-	25,000	2022-2023, 2033, 2038 & 2043
	11/1/2018	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	12/1/2018	-	300,700	9,300	-	310,000	2020-2023, 2033, 2038 & 2043
	1/1/2019	-	1,479,899	75,101	-	1,555,000	2019-2023, 2033, 2038 & 2043
	4/1/2019	-	48,500	1,500	-	50,000	2022-2023, 2033, 2038 & 2043
	5/1/2019	-	169,750	5,250	-	175,000	2020-2023, 2033, 2038 & 2043
	6/1/2019	-	77,600	2,400	-	80,000	2021-2023, 2033, 2038 & 2043
Total 2013 C		-	11,834,963	560,037	-	12,395,000	

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

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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	-	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
Total 2014 A		-	25,985,750	1,049,250	-	27,035,000	

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

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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	-	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
Total 2014 B		-	27,063,500	1,081,500	-	28,145,000	

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

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	4/1/2019	-	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
Total 2014 C		-	56,854,231	2,115,769	-	58,970,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 D	4/1/2015	\$ -	\$ 58,365	\$ 1,635	\$ -	60,000	2025-2026
	5/1/2015	-	48,888	1,112	-	50,000	2025-2026
	6/1/2015	-	89,036	964	-	90,000	2025-2026
	7/1/2015	-	59,941	5,059	-	65,000	2025-2026
	11/1/2015	-	213,400	6,600	-	220,000	2025-2026
	12/1/2015	-	77,600	2,400	-	80,000	2025-2026
	1/1/2016	-	79,372	5,628	-	85,000	2025-2026
	4/1/2016	-	24,250	750	-	25,000	2025-2026
	5/1/2016	-	29,100	900	-	30,000	2025-2026
	6/1/2016	-	38,800	1,200	-	40,000	2025
	7/1/2016	-	176,072	8,928	-	185,000	2025-2026
	10/1/2016	-	33,950	1,050	-	35,000	2025-2026
	11/1/2016	-	111,550	3,450	-	115,000	2025-2026
	12/1/2016	-	106,700	3,300	-	110,000	2025-2026
	1/1/2017	-	127,840	7,160	-	135,000	2025-2026
	4/1/2017	-	4,850	150	-	5,000	2025
	5/1/2017	-	82,450	2,550	-	85,000	2025-2026
	6/1/2017	-	29,100	900	-	30,000	2025-2026
	7/1/2017	-	79,870	5,130	-	85,000	2025-2026
	10/1/2017	-	4,850	150	-	5,000	2025
	11/1/2017	-	87,300	2,700	-	90,000	2025-2026
	12/1/2017	-	111,550	3,450	-	115,000	2025-2026
	1/1/2018	-	60,799	4,201	-	65,000	2025-2026
	5/1/2018	-	33,950	1,050	-	35,000	2025-2026
	6/1/2018	-	58,200	1,800	-	60,000	2025-2026
	7/1/2018	-	99,089	5,911	-	105,000	2025-2026
	11/1/2018	-	9,700	300	-	10,000	2025-2026
	12/1/2018	-	77,600	2,400	-	80,000	2025-2026
	1/1/2019	-	210,082	9,918	-	220,000	2025-2026
Total 2014 D		-	2,224,254	90,746	-	2,315,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 E	4/1/2015	\$ -	\$ 660,585	\$ 19,415	\$ -	680,000	2020-2022, 2026 & 2029
	5/1/2015	-	566,795	18,205	-	585,000	2020-2022, 2026, 2029 & 2032
	6/1/2015	-	1,032,245	32,755	-	1,065,000	2020-2022, 2026, 2029 & 2032
	7/1/2015	-	693,939	61,061	-	755,000	2020-2022, 2026, 2029 & 2032
	11/1/2015	-	2,463,800	76,200	-	2,540,000	2020-2022, 2026, 2029 & 2032
	12/1/2015	-	916,650	28,350	-	945,000	2020-2022, 2026, 2029 & 2032
	1/1/2016	-	938,458	66,542	-	1,005,000	2020-2022, 2026, 2029 & 2032
	4/1/2016	-	276,450	8,550	-	285,000	2020-2022, 2026, 2029 & 2032
	5/1/2016	-	363,750	11,250	-	375,000	2020-2022, 2026, 2029 & 2032
	6/1/2016	-	451,050	13,950	-	465,000	2020-2022, 2026, 2029 & 2032
	7/1/2016	-	2,046,245	103,755	-	2,150,000	2020-2022, 2026, 2029 & 2032
	10/1/2016	-	402,550	12,450	-	415,000	2020-2022, 2026, 2029 & 2032
	11/1/2016	-	1,314,350	40,650	-	1,355,000	2020-2022, 2026, 2029 & 2032
	12/1/2016	-	1,241,600	38,400	-	1,280,000	2020-2022, 2026, 2029 & 2032
	1/1/2017	-	1,444,119	80,881	-	1,525,000	2020-2022, 2026, 2029 & 2032
	4/1/2017	-	53,350	1,650	-	55,000	2021-2022, 2026, 2029 & 2032
	5/1/2017	-	955,450	29,550	-	985,000	2020-2022, 2026, 2029 & 2032
	6/1/2017	-	315,250	9,750	-	325,000	2020-2022, 2026, 2029 & 2032
	7/1/2017	-	934,947	60,053	-	995,000	2020-2022, 2026, 2029 & 2032
	10/1/2017	-	82,450	2,550	-	85,000	2020-2022, 2026, 2029 & 2032
	11/1/2017	-	1,008,800	31,200	-	1,040,000	2020-2022, 2026, 2029 & 2032
	12/1/2017	-	1,309,500	40,500	-	1,350,000	2020-2022, 2026, 2029 & 2032
	1/1/2018	-	720,230	49,770	-	770,000	2020-2022, 2026, 2029 & 2032
	5/1/2018	-	373,450	11,550	-	385,000	2020-2022, 2026, 2029 & 2032
	6/1/2018	-	693,550	21,450	-	715,000	2020-2022, 2026, 2029 & 2032
	7/1/2018	-	1,141,880	68,120	-	1,210,000	2020-2022, 2026, 2029 & 2032
	11/1/2018	-	116,400	3,600	-	120,000	2020-2022, 2026, 2029 & 2032
	12/1/2018	-	897,250	27,750	-	925,000	2020-2022, 2026, 2029 & 2032
	1/1/2019	-	2,420,721	114,279	-	2,535,000	2020-2022, 2026, 2029 & 2032
Total 2014 E		-	25,835,814	1,084,186	-	26,920,000	

Residential Housing Finance Bond Resolution
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 A	12/1/2015	\$ -	\$ 989,400	\$ 30,600	\$ -	1,020,000	2041
	1/1/2016	-	212,788	42,212	-	255,000	2041
	3/1/2016	-	722,650	22,350	-	745,000	2041
	4/1/2016	-	363,750	11,250	-	375,000	2041
	5/1/2016	-	363,750	11,250	-	375,000	2041
	6/1/2016	-	363,750	11,250	-	375,000	2041
	7/1/2016	-	357,527	17,473	-	375,000	2041
	8/1/2016	-	407,400	12,600	-	420,000	2041
	9/1/2016	-	412,250	12,750	-	425,000	2041
	10/1/2016	-	412,250	12,750	-	425,000	2041
	11/1/2016	-	407,400	12,600	-	420,000	2041
	12/1/2016	-	412,250	12,750	-	425,000	2041
	1/1/2017	-	374,554	50,446	-	425,000	2041
	2/1/2017	-	455,900	14,100	-	470,000	2041
	3/1/2017	-	455,900	14,100	-	470,000	2041
	4/1/2017	-	455,900	14,100	-	470,000	2041
	5/1/2017	-	455,900	14,100	-	470,000	2041
	6/1/2017	-	455,900	14,100	-	470,000	2041
	7/1/2017	-	445,818	24,182	-	470,000	2041
	8/1/2017	-	494,700	15,300	-	510,000	2041
	9/1/2017	-	494,700	15,300	-	510,000	2041
	10/1/2017	-	499,550	15,450	-	515,000	2041
	11/1/2017	-	494,700	15,300	-	510,000	2041
	12/1/2017	-	494,700	15,300	-	510,000	2041
	1/1/2018	-	487,222	27,778	-	515,000	2041
	2/1/2018	-	509,250	15,750	-	525,000	2041
	3/1/2018	-	509,250	15,750	-	525,000	2041
	4/1/2018	-	509,250	15,750	-	525,000	2041
	5/1/2018	-	509,250	15,750	-	525,000	2041
	6/1/2018	-	509,250	15,750	-	525,000	2041
	7/1/2018	-	496,994	28,006	-	525,000	2041
	8/1/2018	-	485,000	15,000	-	500,000	2041
	9/1/2018	-	489,850	15,150	-	505,000	2041
	10/1/2018	-	489,850	15,150	-	505,000	2041
	11/1/2018	-	485,000	15,000	-	500,000	2041
	12/1/2018	-	489,850	15,150	-	505,000	2041
	1/1/2019	-	483,632	21,368	-	505,000	2041
	2/1/2019	-	465,600	14,400	-	480,000	2041
	3/1/2019	-	465,600	14,400	-	480,000	2041
	4/1/2019	-	465,600	14,400	-	480,000	2041
	5/1/2019	-	465,600	14,400	-	480,000	2041
	6/1/2019	-	465,600	14,400	-	480,000	2041
Total 2015 A		-	19,785,035	734,965	-	20,520,000	

Residential Housing Finance Bond Resolution
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 C	12/1/2015	\$ -	\$ 1,678,100	\$ 51,900	\$ -	1,730,000	2016-2026 & 2031
	1/1/2016	-	20,862	4,138	-	25,000	2025-2026 & 2031
	5/1/2016	-	281,300	8,700	-	290,000	2016-2026 & 2031
	6/1/2016	-	169,750	5,250	-	175,000	2016-2026 & 2031
	7/1/2016	-	2,245,273	109,727	-	2,355,000	2017-2026 & 2031
	9/1/2016	-	9,700	300	-	10,000	2026 & 2031
	10/1/2016	-	645,050	19,950	-	665,000	2017-2026 & 2031
	11/1/2016	-	620,800	19,200	-	640,000	2017-2026 & 2031
	12/1/2016	-	2,628,700	81,300	-	2,710,000	2017-2026 & 2031
	1/1/2017	-	30,846	4,154	-	35,000	2025-2026 & 2031
	5/1/2017	-	1,261,000	39,000	-	1,300,000	2017-2026 & 2031
	6/1/2017	-	1,348,300	41,700	-	1,390,000	2017-2026 & 2031
	7/1/2017	-	1,285,282	69,718	-	1,355,000	2018-2026 & 2031
	11/1/2017	-	1,498,650	46,350	-	1,545,000	2018-2026 & 2031
	12/1/2017	-	1,915,750	59,250	-	1,975,000	2018-2026 & 2031
	1/1/2018	-	894,028	50,972	-	945,000	2018-2026 & 2031
	6/1/2018	-	514,100	15,900	-	530,000	2018-2026 & 2031
	7/1/2018	-	889,856	50,144	-	940,000	2019-2026 & 2031
	11/1/2018	-	572,300	17,700	-	590,000	2019-2026 & 2031
	12/1/2018	-	1,197,950	37,050	-	1,235,000	2019-2026 & 2031
	1/1/2019	-	2,001,568	88,432	-	2,090,000	2019-2026 & 2031
	6/1/2019	-	19,400	600	-	20,000	2026 & 2031
Total 2015 C		-	21,728,565	821,435	-	22,550,000	

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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
Total 2015 E		-	36,871,098	1,313,902	-	38,185,000	

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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 F							
	6/1/2016	\$ -	\$ 208,550	\$ 6,450	\$ -	215,000	2023-2026 & 2029
	7/1/2016	-	1,807,243	82,757	-	1,890,000	2023-2026 & 2029
	10/1/2016	-	334,650	10,350	-	345,000	2023-2026 & 2029
	11/1/2016	-	693,550	21,450	-	715,000	2023-2026 & 2029
	12/1/2016	-	203,700	6,300	-	210,000	2023-2026 & 2029
	1/1/2017	-	1,638,945	81,055	-	1,720,000	2023-2026 & 2029
	5/1/2017	-	839,050	25,950	-	865,000	2023-2026 & 2029
	6/1/2017	-	1,110,650	34,350	-	1,145,000	2023-2026 & 2029
	7/1/2017	-	672,100	42,900	-	715,000	2023-2026 & 2029
	9/1/2017	-	130,950	4,050	-	135,000	2023-2026 & 2029
	10/1/2017	-	926,350	28,650	-	955,000	2023-2026 & 2029
	11/1/2017	-	1,047,600	32,400	-	1,080,000	2023-2026 & 2029
	12/1/2017	-	800,250	24,750	-	825,000	2023-2026 & 2029
	1/1/2018	-	842,492	47,508	-	890,000	2023-2026 & 2029
	6/1/2018	-	257,050	7,950	-	265,000	2023-2026 & 2029
	7/1/2018	-	1,209,223	60,777	-	1,270,000	2023-2026 & 2029
	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
Total 2015 F		-	16,186,752	648,248	-	16,835,000	
2016 A							
	11/1/2016	\$ -	\$ 2,439,550	\$ 75,450	\$ -	2,515,000	2017-2026, 2031 & 2033
	12/1/2016	-	480,150	14,850	-	495,000	2017-2026, 2031 & 2033
	1/1/2017	-	759,401	40,599	-	800,000	2017-2026, 2031 & 2033
	2/1/2017	-	1,168,850	36,150	-	1,205,000	2017-2026, 2031 & 2033
	3/1/2017	-	426,800	13,200	-	440,000	2017-2026, 2031 & 2033
	4/1/2017	-	1,071,850	33,150	-	1,105,000	2017-2026, 2031 & 2033
	5/1/2017	-	717,800	22,200	-	740,000	2017-2026, 2031 & 2033
	6/1/2017	-	533,500	16,500	-	550,000	2017-2026, 2031 & 2033
	7/1/2017	-	883,012	41,988	-	925,000	2018-2026, 2031 & 2033
	11/1/2017	-	999,100	30,900	-	1,030,000	2018-2026, 2031 & 2033
	12/1/2017	-	1,067,000	33,000	-	1,100,000	2018-2026, 2031 & 2033
	1/1/2018	-	705,595	44,405	-	750,000	2018-2026, 2031 & 2033
	5/1/2018	-	446,200	13,800	-	460,000	2018-2026, 2031 & 2033
	6/1/2018	-	426,800	13,200	-	440,000	2018-2026, 2031 & 2033
	7/1/2018	-	1,199,038	50,962	-	1,250,000	2019-2026, 2031 & 2033
	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
Total 2016 A		-	17,038,485	621,515	-	17,660,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 B							
	9/1/2016	\$ -	\$ 504,400	\$ 15,600	\$ -	520,000	2046
	11/1/2016	-	2,172,800	67,200	-	2,240,000	2035, 2037 & 2046
	12/1/2016	-	620,800	19,200	-	640,000	2035, 2037 & 2046
	1/1/2017	-	726,177	38,823	-	765,000	2035, 2037 & 2046
	2/1/2017	-	1,003,950	31,050	-	1,035,000	2035, 2037 & 2046
	3/1/2017	-	703,250	21,750	-	725,000	2035, 2037 & 2046
	4/1/2017	-	960,300	29,700	-	990,000	2035, 2037 & 2046
	5/1/2017	-	824,500	25,500	-	850,000	2035, 2037 & 2046
	6/1/2017	-	742,050	22,950	-	765,000	2035, 2037 & 2046
	7/1/2017	-	887,785	42,215	-	930,000	2035, 2037 & 2046
	8/1/2017	-	577,150	17,850	-	595,000	2046
	9/1/2017	-	577,150	17,850	-	595,000	2046
	10/1/2017	-	577,150	17,850	-	595,000	2046
	11/1/2017	-	994,250	30,750	-	1,025,000	2035, 2037 & 2046
	12/1/2017	-	1,018,500	31,500	-	1,050,000	2035, 2037 & 2046
	1/1/2018	-	865,530	54,470	-	920,000	2035, 2037 & 2046
	2/1/2018	-	625,650	19,350	-	645,000	2046
	3/1/2018	-	625,650	19,350	-	645,000	2046
	4/1/2018	-	625,650	19,350	-	645,000	2046
	5/1/2018	-	814,800	25,200	-	840,000	2035, 2037 & 2046
	6/1/2018	-	805,100	24,900	-	830,000	2035, 2037 & 2046
	7/1/2018	-	1,131,892	48,108	-	1,180,000	2035, 2037 & 2046
	8/1/2018	-	567,450	17,550	-	585,000	2046
	9/1/2018	-	567,450	17,550	-	585,000	2046
	10/1/2018	-	567,450	17,550	-	585,000	2046
	11/1/2018	-	858,450	26,550	-	885,000	2035, 2037 & 2046
	12/1/2018	-	1,052,450	32,550	-	1,085,000	2035, 2037 & 2046
	1/1/2019	-	1,230,471	59,529	-	1,290,000	2035, 2037 & 2046
	2/1/2019	-	538,350	16,650	-	555,000	2046
	3/1/2019	-	538,350	16,650	-	555,000	2046
	4/1/2019	-	543,200	16,800	-	560,000	2046
	5/1/2019	-	615,950	19,050	-	635,000	2035, 2037 & 2046
	6/1/2019	-	649,900	20,100	-	670,000	2035, 2037 & 2046
Total 2016 B		-	26,113,955	901,045	-	27,015,000	

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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	
Total 2016 C		-	6,017,110	202,890	-	6,220,000	

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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 D	4/1/2017	\$ -	\$ 153,731	\$ 1,269	\$ -	155,000	2017-2020
	6/1/2017	-	133,895	1,105	-	135,000	2017-2020
	7/1/2017	-	186,693	3,307	-	190,000	2018-2021
	9/1/2017	-	34,713	287	-	35,000	2018-2020
	10/1/2017	-	168,608	1,392	-	170,000	2018-2020
	11/1/2017	-	79,345	655	-	80,000	2018-2020
	12/1/2017	-	143,813	1,187	-	145,000	2018-2020
	1/1/2018	-	127,493	2,507	-	130,000	2018-2021
	5/1/2018	-	39,672	328	-	40,000	2018-2020
	6/1/2018	-	109,099	901	-	110,000	2018-2020
	7/1/2018	-	88,236	1,764	-	90,000	2019-2020
	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
Total 2016 D		-	1,685,961	19,039	-	1,705,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 E	4/1/2017	\$ -	\$ 1,304,233	\$ 10,767	\$ -	1,315,000	2021-2027, 2031 & 2047
	5/1/2017	-	247,953	2,047	-	250,000	2047
	6/1/2017	-	724,022	5,978	-	730,000	2021-2027, 2031 & 2047
	7/1/2017	-	1,026,813	18,187	-	1,045,000	2021-2027, 2031 & 2047
	8/1/2017	-	282,666	2,334	-	285,000	2047
	9/1/2017	-	436,398	3,602	-	440,000	2021-2027, 2031 & 2047
	10/1/2017	-	991,812	8,188	-	1,000,000	2021-2027, 2031 & 2047
	11/1/2017	-	600,046	4,954	-	605,000	2021-2027, 2031 & 2047
	12/1/2017	-	882,712	7,288	-	890,000	2021-2027, 2031 & 2047
	1/1/2018	-	921,873	18,127	-	940,000	2021-2027, 2031 & 2047
	2/1/2018	-	357,052	2,948	-	360,000	2047
	3/1/2018	-	357,052	2,948	-	360,000	2047
	4/1/2018	-	357,052	2,948	-	360,000	2047
	5/1/2018	-	570,292	4,708	-	575,000	2021-2027, 2031 & 2047
	6/1/2018	-	887,672	7,328	-	895,000	2021-2027, 2031 & 2047
	7/1/2018	-	906,867	18,133	-	925,000	2021-2027, 2031 & 2047
	8/1/2018	-	426,479	3,521	-	430,000	2047
	9/1/2018	-	431,438	3,562	-	435,000	2047
	10/1/2018	-	728,981	6,019	-	735,000	2021-2027, 2031 & 2047
	11/1/2018	-	1,284,396	10,604	-	1,295,000	2021-2027, 2031 & 2047
	12/1/2018	-	1,150,502	9,498	-	1,160,000	2021-2027, 2031 & 2047
	1/1/2019	-	1,383,463	21,537	-	1,405,000	2021-2027, 2031 & 2047
	2/1/2019	-	481,029	3,971	-	485,000	2047
	3/1/2019	-	485,988	4,012	-	490,000	2047
	4/1/2019	-	485,988	4,012	-	490,000	2047
	5/1/2019	-	485,988	4,012	-	490,000	2047
	6/1/2019	-	485,988	4,012	-	490,000	2047
Total 2016 E		-	18,684,755	195,245	-	18,880,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 A	11/1/2017	\$ -	\$ 3,348,490	\$ 51,510	\$ -	3,400,000	2018-2027 & 2030
	12/1/2017	-	1,186,744	18,256	-	1,205,000	2018-2027 & 2030
	1/1/2018	-	777,318	17,682	-	795,000	2018-2027 & 2030
	4/1/2018	-	359,470	5,530	-	365,000	2018-2027 & 2030
	5/1/2018	-	270,834	4,166	-	275,000	2018-2027 & 2030
	6/1/2018	-	600,759	9,241	-	610,000	2018-2027 & 2030
	7/1/2018	-	1,157,412	32,588	-	1,190,000	2019-2027 & 2030
	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
Total 2017 A		-	11,805,880	214,120	-	12,020,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 B	10/1/2017	\$ -	\$ 211,743	\$ 3,257	\$ -	215,000	2047
	11/1/2017	-	359,470	5,530	-	365,000	2038 & 2047
	12/1/2017	-	172,349	2,651	-	175,000	2038 & 2047
	1/1/2018	-	141,775	3,225	-	145,000	2038 & 2047
	2/1/2018	-	285,606	4,394	-	290,000	2047
	3/1/2018	-	285,606	4,394	-	290,000	2047
	4/1/2018	-	315,152	4,848	-	320,000	2038 & 2047
	5/1/2018	-	310,227	4,773	-	315,000	2038 & 2047
	6/1/2018	-	339,773	5,227	-	345,000	2038 & 2047
	7/1/2018	-	384,183	10,817	-	395,000	2038 & 2047
	8/1/2018	-	325,000	5,000	-	330,000	2047
	9/1/2018	-	325,000	5,000	-	330,000	2047
	10/1/2018	-	393,940	6,060	-	400,000	2038 & 2047
	11/1/2018	-	403,788	6,212	-	410,000	2038 & 2047
	12/1/2018	-	403,788	6,212	-	410,000	2038 & 2047
	1/1/2019	-	403,262	11,738	-	415,000	2038 & 2047
	2/1/2019	-	423,485	6,515	-	430,000	2047
	3/1/2019	-	423,485	6,515	-	430,000	2047
	4/1/2019	-	428,410	6,590	-	435,000	2047
	5/1/2019	-	457,955	7,045	-	465,000	2047
	6/1/2019	-	453,031	6,969	-	460,000	2038 & 2047
Total 2017 B		-	7,247,028	122,972	-	7,370,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 D	6/1/2018	\$ -	\$ 571,785	\$ 3,215	\$ -	575,000	2018-2028 & 2030
	7/1/2018	-	354,450	5,550	-	360,000	2019-2028 & 2030
	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
Total 2017 D		-	3,120,136	24,864	-	3,145,000	
2017 E	4/1/2018	\$ -	\$ 487,260	\$ 2,740	\$ -	490,000	2048
	5/1/2018	-	159,105	895	-	160,000	2048
	6/1/2018	-	432,568	2,432	-	435,000	2034 & 2048
	7/1/2018	-	334,759	5,241	-	340,000	2034 & 2048
	8/1/2018	-	263,518	1,482	-	265,000	2048
	9/1/2018	-	263,518	1,482	-	265,000	2048
	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
	Total 2017 E		-	5,884,362	40,638	-	5,925,000

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 A	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
Total 2018 A		-	2,621,276	13,724	-	2,635,000	
2018 B	10/1/2018	\$ -	\$ 258,850	\$ 1,150	\$ -	260,000	2048
	11/1/2018	-	333,518	1,482	-	335,000	2023-2024, 2033, 2037 & 2048
	12/1/2018	-	358,408	1,592	-	360,000	2019-2020, 2033, 2037 & 2048
	1/1/2019	-	326,228	3,772	-	330,000	2023-2024, 2033, 2037 & 2048
	2/1/2019	-	134,403	597	-	135,000	2033, 2037 & 2048
	3/1/2019	-	413,164	1,836	-	415,000	2021, 2023-2024, 2033, 2037 & 2048
	4/1/2019	-	418,142	1,858	-	420,000	2022-2024, 2033, 2037 & 2048
	5/1/2019	-	338,496	1,504	-	340,000	2023-2024, 2033, 2037 & 2048
	6/1/2019	-	353,430	1,570	-	355,000	2022-2024, 2033, 2037 & 2048
Total 2018 B		-	2,934,639	15,361	-	2,950,000	
2018 C	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
Total 2018 C		-	139,381	619	-	140,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of June 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 E	5/1/2019	\$ -	\$ 280,000	\$ -	\$ -	\$ 280,000	2027-2030, 2033 & 2049
Total 2018 E		-	280,000	-	-	280,000	
2018 F	5/1/2019	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000	2019-2026
Total 2018 F		-	105,000	-	-	105,000	
2018 G	5/1/2019	\$ -	\$ 85,000	\$ -	\$ -	\$ 85,000	2028-2029, 2033, 2038 & 2049
Total 2018 G		-	85,000	-	-	85,000	
Total		\$ -	\$ 580,282,350	\$ 18,727,434	\$ 3,415,216	\$ 602,425,000	

**Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of June 30, 2019**



Associated Bond Series	06/30/2019 Notional Amounts	Effective Date	Swap Maturity Date	Fixed Rate Payable	Variable Rate Receivable	06/30/2019 GASB72 Fair Value¹
Counterparty: The Bank of New York Mellon						
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2018D	\$ 35,000,000	June 28, 2018	January 1, 2045	3.1875%	70% of 1 month LIBOR ² plus 0.43% per annum	\$ (1,730,126)
	<hr/> \$ 35,000,000					<hr/> \$ (1,730,126)

**Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of June 30, 2019**



<u>Associated Bond Series</u>	<u>06/30/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	06/30/2019 GASB72 Fair Value¹
Counterparty: Royal Bank of Canada						
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 ²	(450,373)
RHFB 2015G	35,000,000	December 8, 2015	January 1, 2034	1.953%	67% of 1 month LIBOR ²	(573,491)
RHFB 2016F	50,000,000	December 22, 2016	January 1, 2041	2.175%	67% of 1 month LIBOR ²	(1,583,704)
RHFB 2018H	35,000,000	December 12, 2018	July 1, 2041	2.8035%	70% of 1 month LIBOR ²	(2,521,848)
RHFB 2019D	45,000,000	April 11, 2019	January 1, 2042	2.4090%	70% of 1 month LIBOR ²	(2,176,173)
	<u>\$ 183,225,000</u>					<u>\$ (7,305,589)</u>

**Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of June 30, 2019**



<u>Associated Bond Series</u>	<u>06/30/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<u>06/30/2019 GASB72 Fair Value¹</u>
Counterparty: Wells Fargo Bank, NA						
Moody's Aa2 (negative 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 ²	(1,387,981)
RHFB 2017F	40,000,000	December 21, 2017	January 1, 2041	2.261%	67% of 1 month LIBOR ²	(1,055,441)
	<u>\$ 80,000,000</u>					<u>\$ (2,443,422)</u>
	<u>\$ 298,225,000</u>					<u>\$ (11,479,137)</u>

¹A positive fair value represents money due to the Agency by the counterparty upon an assumed termination on June 30, 2019. A negative number represents money payable by the Agency. The fair values as of June 30, 2019 were calculated by a consultant engaged by the Agency.

²London Interbank Offered Rate

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	65,000	14,575,000	455,000	1
				\$ 18,000,000	\$ 2,495,000	\$ 15,050,000	\$ 455,000	

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

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

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

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

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

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 53,220,000	\$ 16,780,000	None
				\$ 70,000,000	\$ -	\$ 53,220,000	\$ 16,780,000	

(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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



Residential Housing Finance Bonds, 2009 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A)
--	1/1/2011	Serial	1.200	\$ 1,780,000	\$ 1,765,000	\$ 15,000	\$ -	N/A
--	7/1/2011	Serial	1.250	1,800,000	1,780,000	20,000	-	N/A
--	1/1/2012	Serial	1.600	1,820,000	1,760,000	60,000	-	N/A
--	7/1/2012	Serial	1.750	1,840,000	1,715,000	125,000	-	N/A
--	1/1/2013	Serial	2.000	1,865,000	1,575,000	290,000	-	N/A
--	7/1/2013	Serial	2.050	1,000,000	820,000	180,000	-	N/A
60415N5C2	7/1/2017	Serial	3.650	895,000	465,000	430,000	-	N/A
60415N4S8	1/1/2018	Serial	3.875	1,435,000	680,000	755,000	-	N/A
60415N5D0	7/1/2018	Serial	3.875	1,425,000	640,000	785,000	-	N/A
60415N4T6	1/1/2019	Serial	3.950	450,000	205,000	245,000	-	N/A
60415N5E8	7/1/2019	Serial	3.950	615,000	-	405,000	210,000	1
60415N4U3	1/1/2020	Term (a)	4.050	3,360,000	380,000	2,020,000	960,000	1
60415N5F5	7/1/2020	Serial	4.000	1,545,000	-	980,000	565,000	1
				\$ 19,830,000	\$ 11,785,000	\$ 6,310,000	\$ 1,735,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2019 and thereafter - 100%.

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

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

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
 Information as of June 30, 2019



Residential Housing Finance Bonds, 2009 Series E

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A)
--	7/1/2013	Serial	2.050	\$ 895,000	\$ 755,000	\$ 140,000	\$ -	N/A
--	1/1/2014	Serial	2.500	1,920,000	1,485,000	435,000	-	N/A
--	7/1/2014	Serial	2.550	1,950,000	1,465,000	485,000	-	N/A
--	1/1/2015	Serial	2.950	1,985,000	1,400,000	585,000	-	N/A
--	7/1/2015	Serial	3.000	1,505,000	1,045,000	460,000	-	N/A
--	1/1/2016	Serial	3.375	585,000	360,000	225,000	-	N/A
60415N5L2	1/1/2021	Serial	4.150	1,670,000	-	1,005,000	665,000	1
60415N5M0	7/1/2021	Serial	4.200	1,715,000	-	1,045,000	670,000	1
60415N4X7	7/1/2024	Term (a)	4.550	11,315,000	-	6,805,000	4,510,000	1
60415N4Y5	7/1/2029	Term (b)	4.900	22,700,000	-	13,645,000	9,055,000	1
60415N4Z2	7/1/2034	Term (c)	5.050	23,170,000	-	13,940,000	9,230,000	1
60415N5G3	1/1/2040	Term (d)	5.100	34,550,000	-	20,805,000	13,745,000	1
				\$ 103,960,000	\$ 6,510,000	\$ 59,575,000	\$ 37,875,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2019 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2022.
- (b): Sinking fund redemptions begin January 1, 2025.
- (c): Sinking fund redemptions begin January 1, 2030.
- (d): Sinking fund redemptions begin January 1, 2035.

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

RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
 Information as of June 30, 2019



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	-	1,350,000	1,280,000	2
60416SAQ3	1/1/2020	Serial	3.350	2,675,000	-	1,355,000	1,320,000	2
60416SAR1	7/1/2020	Serial	3.400	2,730,000	-	1,400,000	1,330,000	2
60416SAS9	1/1/2021	Serial	3.550	2,790,000	-	1,435,000	1,355,000	2
60416SAT7	7/1/2021	Serial	3.550	2,855,000	-	1,470,000	1,385,000	2
60416SAU4	1/1/2022	Serial	3.750	2,920,000	-	1,505,000	1,415,000	2
60416SAV2	7/1/2022	Serial	3.750	2,990,000	-	1,530,000	1,460,000	2
60416SAW0	1/1/2023	Serial	3.900	2,460,000	-	1,260,000	1,200,000	2
				<u>\$ 50,945,000</u>	<u>\$ 20,270,000</u>	<u>\$ 19,930,000</u>	<u>\$ 10,745,000</u>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2022 and thereafter - 100%.

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

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 290,000	\$ 315,000	2
60416SAY6	7/1/2023	Serial	3.300	3,135,000	-	1,525,000	1,610,000	2
60416SAZ3	1/1/2024	Serial	3.450	3,215,000	-	1,590,000	1,625,000	2
60416SBA7	7/1/2024	Serial	3.450	1,875,000	-	1,100,000	775,000	2
				<u>\$ 8,830,000</u>	<u>\$ -</u>	<u>\$ 4,505,000</u>	<u>\$ 4,325,000</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, 2019**



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	\$ -	\$ 4,200,000	\$ 4,035,000	2
60416SBC3	1/1/2029	Term (b)	3.850	22,740,000	-	11,580,000	11,160,000	2
				<u>\$ 30,975,000</u>	<u>\$ -</u>	<u>\$ 15,780,000</u>	<u>\$ 15,195,000</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, 2019**



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	\$ -	\$ 8,400,000	\$ 8,065,000	2
60416SBE9	7/1/2040	Term (b)	4.000	43,535,000	-	37,165,000	6,370,000	1
				<u>\$ 60,000,000</u>	<u>\$ -</u>	<u>\$ 45,565,000</u>	<u>\$ 14,435,000</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, 2019**



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	-	20,155,000	5,665,000	1
				\$ 33,305,000	\$ 7,095,000	\$ 20,545,000	\$ 5,665,000	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



Residential Housing Finance Bonds, 2013 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2016	Serial	0.900	\$ 885,000	\$ 800,000	\$ 85,000	\$ -	N/A
60416SCC2	1/1/2017	Serial	1.100	1,450,000	1,240,000	210,000	-	N/A
60416SCD0	7/1/2017	Serial	1.200	1,465,000	1,205,000	260,000	-	N/A
60416SCE8	1/1/2018	Serial	1.450	1,480,000	1,200,000	280,000	-	N/A
60416SCF5	7/1/2018	Serial	1.550	1,500,000	1,145,000	355,000	-	N/A
60416SCG3	1/1/2019	Serial	1.700	1,515,000	1,110,000	405,000	-	N/A
60416SCH1	7/1/2019	Serial	1.800	1,260,000	-	345,000	915,000	2
				\$ 9,555,000	\$ 6,700,000	\$ 1,940,000	\$ 915,000	

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 75,000	\$ 200,000	2
60416SCK4	1/1/2020	Serial	2.000	1,555,000	-	425,000	1,130,000	2
60416SCL2	7/1/2020	Serial	2.100	1,580,000	-	440,000	1,140,000	2
60416SCM0	1/1/2021	Serial	2.300	1,600,000	-	450,000	1,150,000	2
60416SCN8	7/1/2021	Serial	2.350	1,625,000	-	465,000	1,160,000	2
60416SCP3	1/1/2022	Serial	2.550	1,650,000	-	475,000	1,175,000	2
60416SCQ1	7/1/2022	Serial	2.550	1,680,000	-	505,000	1,175,000	2
60416SCR9	1/1/2023	Serial	2.750	1,710,000	-	535,000	1,175,000	2
60416SCS7	7/1/2023	Serial	2.750	1,740,000	-	560,000	1,180,000	2
60416SCT5	7/1/2033	Term (a)	3.600	8,180,000	-	2,395,000	5,785,000	2
60416SCU2	7/1/2038	Term (b)	3.800	11,260,000	-	3,305,000	7,955,000	2
60416SCV0	7/1/2043	Term (c)	3.900	9,455,000	-	2,765,000	6,690,000	2
				\$ 42,310,000	\$ -	\$ 12,395,000	\$ 29,915,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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, 2019**



Residential Housing Finance Bonds, 2014 Series A

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2015	Serial	0.250	\$ 1,045,000	\$ 1,030,000	\$ 15,000	\$ -	N/A
--	7/1/2015	Serial	0.350	1,110,000	1,070,000	40,000	-	N/A
--	1/1/2016	Serial	0.450	1,175,000	1,020,000	155,000	-	N/A
--	7/1/2016	Serial	0.550	1,235,000	1,040,000	195,000	-	N/A
60416SFE5	1/1/2017	Serial	0.850	1,280,000	935,000	345,000	-	N/A
60416SFF2	7/1/2017	Serial	0.950	1,270,000	855,000	415,000	-	N/A
60416SFG0	1/1/2018	Serial	1.250	1,260,000	725,000	535,000	-	N/A
60416SFH8	7/1/2018	Serial	1.350	1,245,000	700,000	545,000	-	N/A
60416SFJ4	1/1/2019	Serial	1.650	1,235,000	565,000	670,000	-	N/A
60416SFK1	7/1/2019	Serial	1.750	1,230,000	-	815,000	415,000	2
60416SFL9	1/1/2020	Serial	2.100	1,220,000	-	805,000	415,000	2
60416SFM7	7/1/2020	Serial	2.200	1,215,000	-	800,000	415,000	2
60416SFN5	1/1/2021	Serial	2.500	1,210,000	-	795,000	415,000	2
60416SFP0	7/1/2021	Serial	2.600	1,205,000	-	790,000	415,000	2
60416SFQ8	1/1/2022	Serial	2.800	1,200,000	-	780,000	420,000	2
60416SFR6	7/1/2022	Serial	2.900	1,200,000	-	780,000	420,000	2
60416SFS4	1/1/2023	Serial	3.050	1,200,000	-	780,000	420,000	2
60416SFT2	7/1/2023	Serial	3.100	1,200,000	-	780,000	420,000	2
60416SFU9	1/1/2024	Serial	3.300	1,200,000	-	780,000	420,000	2
60416SFW5	7/1/2024	Serial	3.350	1,200,000	-	780,000	420,000	2
60416SFX3	1/1/2027	Term (a)	3.750	5,095,000	-	3,355,000	1,740,000	2
60416SFV7	7/1/2038	Term (b)	4.000	20,770,000	-	12,080,000	8,690,000	1
				\$ 50,000,000	\$ 7,940,000	\$ 27,035,000	\$ 15,025,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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, 2019**



Residential Housing Finance Bonds, 2014 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2015	Serial	0.200	\$ 735,000	\$ 735,000	\$ -	\$ -	N/A
--	7/1/2015	Serial	0.300	1,140,000	1,125,000	15,000	-	N/A
--	1/1/2016	Serial	0.450	1,200,000	1,120,000	80,000	-	N/A
--	7/1/2016	Serial	0.500	1,240,000	1,095,000	145,000	-	N/A
60416SGC8	1/1/2017	Serial	0.850	1,255,000	1,010,000	245,000	-	N/A
60416SGD6	7/1/2017	Serial	0.950	1,240,000	905,000	335,000	-	N/A
60416SGE4	1/1/2018	Serial	1.200	1,230,000	770,000	460,000	-	N/A
60416SGF1	7/1/2018	Serial	1.350	1,220,000	665,000	555,000	-	N/A
60416SGG9	1/1/2019	Serial	1.600	1,210,000	480,000	730,000	-	N/A
60416SGH7	7/1/2019	Serial	1.700	1,205,000	-	900,000	305,000	2
60416SGJ3	1/1/2020	Serial	2.000	1,195,000	-	885,000	310,000	2
60416SGK0	7/1/2020	Serial	2.100	1,195,000	-	885,000	310,000	2
60416SGL8	1/1/2021	Serial	2.350	1,190,000	-	880,000	310,000	2
60416SGM6	7/1/2021	Serial	2.450	1,185,000	-	875,000	310,000	2
60416SGN4	1/1/2022	Serial	2.700	1,185,000	-	875,000	310,000	2
60416SGP9	7/1/2022	Serial	2.750	1,185,000	-	875,000	310,000	2
60416SGQ7	1/1/2023	Serial	2.950	1,185,000	-	875,000	310,000	2
60416SGR5	7/1/2023	Serial	2.950	1,185,000	-	875,000	310,000	2
60416SGS3	1/1/2024	Serial	3.050	1,190,000	-	880,000	310,000	2
60416SGT1	7/1/2024	Serial	3.050	1,190,000	-	880,000	310,000	2
60416SGW4	1/1/2025	Serial	3.200	1,195,000	-	885,000	310,000	2
60416SGX2	7/1/2025	Serial	3.200	1,200,000	-	890,000	310,000	2
60416SGY0	1/1/2026	Serial	3.350	1,205,000	-	895,000	310,000	2
60416SGU8	7/1/2026	Serial	3.350	380,000	-	285,000	95,000	2
60416SGV6	1/1/2038	Term (a)	4.000	22,460,000	-	12,940,000	9,520,000	1
				\$ 50,000,000	\$ 7,905,000	\$ 28,145,000	\$ 13,950,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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, 2019



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	-	1,245,000	\$ 2,265,000	2
60416SHK9	1/1/2020	Serial	2.050	3,560,000	-	1,270,000	\$ 2,290,000	2
60416SHL7	7/1/2020	Serial	2.150	665,000	-	235,000	\$ 430,000	2
60416SHQ6	7/1/2022	Serial	2.900	3,900,000	-	1,385,000	\$ 2,515,000	2
60416SHR4	1/1/2023	Serial	3.000	3,970,000	-	1,405,000	\$ 2,565,000	2
60416SHS2	7/1/2023	Serial	3.050	4,060,000	-	1,435,000	\$ 2,625,000	2
60416SHT0	1/1/2024	Serial	3.125	4,145,000	-	1,470,000	\$ 2,675,000	2
60416SHU7	7/1/2024	Serial	3.125	4,240,000	-	1,500,000	\$ 2,740,000	2
60416SHV5	1/1/2025	Serial	3.200	4,330,000	-	1,535,000	\$ 2,795,000	2
60416SHX1	1/1/2045	Term (a)	4.000	84,225,000	-	42,435,000	\$ 41,790,000	1
				\$ 143,145,000	\$ 21,485,000	\$ 58,970,000	\$ 62,690,000	

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 1,555,000	\$ 2,870,000	2
60416SHY9	1/1/2026	Serial	3.100	2,160,000	-	760,000	1,400,000	2
				<u>\$ 6,585,000</u>	<u>\$ -</u>	<u>\$ 2,315,000</u>	<u>\$ 4,270,000</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, 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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 1,055,000	\$ 1,900,000	2
60416SHN3	1/1/2021	Serial	2.200	3,660,000	-	1,290,000	2,370,000	2
60416SHP8	7/1/2021	Serial	2.300	3,720,000	-	1,325,000	2,395,000	2
60416SHW3	1/1/2022	Serial	2.600	3,815,000	-	1,355,000	2,460,000	2
60416SJC5	1/1/2026	Serial	3.100	2,375,000	-	840,000	1,535,000	2
60416SJD3	7/1/2026	Serial	3.100	4,580,000	-	1,620,000	2,960,000	2
60416SJA9	7/1/2029	Term (a)	3.350	29,485,000	-	10,435,000	19,050,000	2
60416SJB7	1/1/2032	Term (b)	3.500	25,410,000	-	9,000,000	16,410,000	2
				<u>\$ 76,000,000</u>	<u>\$ -</u>	<u>\$ 26,920,000</u>	<u>\$ 49,080,000</u>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

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

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

- (a): Sinking fund redemptions begin 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, 2019**



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	\$ -	\$ 20,520,000	\$ 22,550,000	1
				\$ 43,070,000	\$ -	\$ 20,520,000	\$ 22,550,000	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	-	655,000	1,010,000	2
60416SKP4	1/1/2020	Serial	1.700	1,690,000	-	665,000	1,025,000	2
60416SKQ2	7/1/2020	Serial	1.800	1,715,000	-	675,000	1,040,000	2
60416SKR0	1/1/2021	Serial	2.050	1,740,000	-	685,000	1,055,000	2
60416SKS8	7/1/2021	Serial	2.100	1,765,000	-	690,000	1,075,000	2
60416SKT6	1/1/2022	Serial	2.350	1,790,000	-	690,000	1,100,000	2
60416SKU3	7/1/2022	Serial	2.400	1,820,000	-	715,000	1,105,000	2
60416SKV1	1/1/2023	Serial	2.55	1,855,000	-	725,000	1,130,000	2
60416SKW9	7/1/2023	Serial	2.60	1,890,000	-	740,000	1,150,000	2
60416SKX7	1/1/2024	Serial	2.75	1,930,000	-	750,000	1,180,000	2
60416SKY5	7/1/2024	Serial	2.80	1,965,000	-	770,000	1,195,000	2
60416SKZ2	1/1/2025	Serial	2.90	2,005,000	-	780,000	1,225,000	2
60416SLA6	7/1/2025	Serial	2.95	2,050,000	-	795,000	1,255,000	2
60416SLB4	1/1/2026	Serial	3.05	2,090,000	-	825,000	1,265,000	2
60416SLC2	7/1/2026	Serial	3.10	2,135,000	-	850,000	1,285,000	2
60416SLD0	7/1/2031	Term(a)	3.60	24,245,000	-	9,485,000	14,760,000	2
				\$ 61,780,000	\$ 7,375,000	\$ 22,550,000	\$ 31,855,000	

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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, 2019**



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, 2019 was 1.95%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	-	1,010,000	1,350,000	2
60416SMS6	1/1/2020	Serial	1.900	2,395,000	-	1,030,000	1,365,000	2
60416SMT4	7/1/2020	Serial	2.000	2,435,000	-	1,040,000	1,395,000	2
60416SMU1	1/1/2021	Serial	2.150	2,475,000	-	1,055,000	1,420,000	2
60416SMV9	7/1/2021	Serial	2.250	2,515,000	-	1,075,000	1,440,000	2
60416SMW7	1/1/2022	Serial	2.350	2,560,000	-	1,100,000	1,460,000	2
60416SMX5	7/1/2022	Serial	2.450	2,610,000	-	1,120,000	1,490,000	2
60416SMY3	1/1/2023	Serial	2.650	1,930,000	-	825,000	1,105,000	2
60416SMZ0	1/1/2046	Term(a)	3.500	64,500,000	-	27,165,000	37,335,000	1
				\$ 96,930,000	\$ 10,385,000	\$ 38,185,000	\$ 48,360,000	

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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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	\$ -	\$ 310,000	\$ 420,000	2
60416SNB2	7/1/2023	Serial	2.400	2,715,000	-	1,150,000	1,565,000	2
60416SNC0	1/1/2024	Serial	2.600	2,770,000	-	1,180,000	1,590,000	2
60416SND8	7/1/2024	Serial	2.650	2,830,000	-	1,205,000	1,625,000	2
60416SNE6	1/1/2025	Serial	2.750	2,890,000	-	1,235,000	1,655,000	2
60416SNF3	7/1/2025	Serial	2.800	2,955,000	-	1,260,000	1,695,000	2
60416SNG1	1/1/2026	Serial	2.900	3,020,000	-	1,290,000	1,730,000	2
60416SNJ5	7/1/2026	Serial	2.950	3,090,000	-	1,325,000	1,765,000	2
60416SNH9	7/1/2029	Term(a)	3.300	18,515,000	-	7,880,000	10,635,000	2
				\$ 39,515,000	\$ -	\$ 16,835,000	\$ 22,680,000	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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, 2019 was 1.90%.

** 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, 2019**



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	-	460,000	1,140,000	2
60416SNT3	1/1/2020	Serial	1.500	1,625,000	-	460,000	1,165,000	2
60416SNU0	7/1/2020	Serial	1.550	1,650,000	-	465,000	1,185,000	2
60416SNV8	1/1/2021	Serial	1.700	1,670,000	-	485,000	1,185,000	2
60416SNW6	7/1/2021	Serial	1.750	1,700,000	-	490,000	1,210,000	2
60416SNX4	1/1/2022	Serial	1.950	1,725,000	-	490,000	1,235,000	2
60416SNY2	7/1/2022	Serial	2.000	1,750,000	-	510,000	1,240,000	2
60416SNZ9	1/1/2023	Serial	2.100	1,790,000	-	515,000	1,275,000	2
60416SPA2	7/1/2023	Serial	2.150	1,820,000	-	535,000	1,285,000	2
60416SPB0	1/1/2024	Serial	2.250	1,845,000	-	540,000	1,305,000	2
60416SPC8	7/1/2024	Serial	2.300	1,885,000	-	540,000	1,345,000	2
60416SPD6	1/1/2025	Serial	2.450	1,920,000	-	560,000	1,360,000	2
60416SPE4	7/1/2025	Serial	2.500	1,960,000	-	580,000	1,380,000	2
60416SPF1	1/1/2026	Serial	2.650	1,995,000	-	585,000	1,410,000	2
60416SPG9	7/1/2026	Serial	2.700	2,040,000	-	595,000	1,445,000	2
60416SPH7	7/1/2031	Term (a)	3.100	23,180,000	-	6,725,000	16,455,000	2
60416SPJ3	1/1/2033	Term (b)	3.200	7,285,000	-	2,105,000	5,180,000	2
				\$ 63,135,000	\$ 4,675,000	\$ 17,660,000	\$ 40,800,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 4,545,000	\$ 11,135,000	2
60416SPL8	1/1/2037	Term (b)	3.150	9,850,000	-	2,855,000	6,995,000	2
60416SPM6	7/1/2046	Term (c)	3.500	49,455,000	-	19,615,000	29,840,000	1
				<u>\$ 74,985,000</u>	<u>\$ -</u>	<u>\$ 27,015,000</u>	<u>\$ 47,970,000</u>	

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, 2019**



Residential Housing Finance Bonds, 2016 Series C

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SPN4	1/1/2017	Serial	1.200	\$ 600,000	\$ 540,000	\$ 60,000	\$ -	2
60416SPP9	1/1/2018	Serial	1.550	1,200,000	900,000	300,000	-	2
60416SPQ7	1/1/2019	Serial	1.850	815,000	505,000	310,000	-	2
60416SPR5	1/1/2020	Serial	2.200	425,000	-	155,000	270,000	2
60416SPS3	1/1/2021	Serial	2.450	450,000	-	175,000	275,000	2
60416SPT1	1/1/2022	Serial	2.700	470,000	-	185,000	285,000	2
60416SPU8	1/1/2023	Serial	2.900	500,000	-	215,000	285,000	2
60416SPV6	1/1/2024	Serial	3.050	530,000	-	225,000	305,000	2
60416SPW4	1/1/2025	Serial	3.250	560,000	-	255,000	305,000	2
60416SPX2	1/1/2026	Serial	3.350	590,000	-	280,000	310,000	2
60416SPY0	7/1/2031	Term (a)	3.800	3,900,000	-	1,665,000	2,235,000	2
60416SPZ7	7/1/2037	Term (b)	4.200	5,550,000	-	2,395,000	3,155,000	2
				\$ 15,590,000	\$ 1,945,000	\$ 6,220,000	\$ 7,425,000	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	-	340,000	1,300,000	2
60416SSJ0	1/1/2020	Serial	2.050	1,665,000	-	355,000	1,310,000	2
60416SSK7	7/1/2020	Serial	2.150	1,690,000	-	365,000	1,325,000	2
60416SSL5	1/1/2021	Serial	2.300	125,000	-	10,000	115,000	2
				\$ 11,340,000	\$ 5,585,000	\$ 1,705,000	\$ 4,050,000	

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 330,000	\$ 1,260,000	2
60416SSN1	7/1/2021	Serial	2.100	1,745,000	-	350,000	1,395,000	2
60416SSP6	1/1/2022	Serial	2.300	1,775,000	-	360,000	1,415,000	2
60416SSQ4	7/1/2022	Serial	2.400	1,810,000	-	375,000	1,435,000	2
60416SSR2	1/1/2023	Serial	2.500	1,840,000	-	375,000	1,465,000	2
60416SSS0	7/1/2023	Serial	2.600	1,875,000	-	380,000	1,495,000	2
60416SST8	1/1/2024	Serial	2.700	1,915,000	-	390,000	1,525,000	2
60416SSU5	7/1/2024	Serial	2.800	1,955,000	-	395,000	1,560,000	2
60416SSV3	1/1/2025	Serial	2.900	1,995,000	-	405,000	1,590,000	2
60416SSW1	7/1/2025	Serial	2.950	2,040,000	-	415,000	1,625,000	2
60416SSX9	1/1/2026	Serial	3.050	2,085,000	-	430,000	1,655,000	2
60416SSY7	7/1/2026	Serial	3.100	2,130,000	-	430,000	1,700,000	2
60416SSZ4	1/1/2027	Serial	3.200	2,175,000	-	445,000	1,730,000	2
60416STA8	7/1/2027	Serial	3.250	2,225,000	-	450,000	1,775,000	2
60416STB6	1/1/2031	Term(a)	3.700	14,320,000	-	2,925,000	11,395,000	2
60416STC4	1/1/2047	Term (b)	4.000	33,530,000	-	10,425,000	23,105,000	1
				\$ 75,005,000	\$ -	\$ 18,880,000	\$ 56,125,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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
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Residential Housing Finance Bonds, 2016 Series F

AMT

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

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

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

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

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

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2019 was 1.95%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	-	\$ 445,000	1,085,000	2
60416STJ9	1/1/2020	Serial	1.500	1,550,000	-	\$ 450,000	1,100,000	2
60416STK6	7/1/2020	Serial	1.550	1,570,000	-	\$ 455,000	1,115,000	2
60416STL4	1/1/2021	Serial	1.700	1,590,000	-	\$ 460,000	1,130,000	2
60416STM2	7/1/2021	Serial	1.750	1,610,000	-	\$ 460,000	1,150,000	2
60416STN0	1/1/2022	Serial	1.900	1,630,000	-	\$ 460,000	1,170,000	2
60416STP5	7/1/2022	Serial	1.950	1,655,000	-	\$ 470,000	1,185,000	2
60416STQ3	1/1/2023	Serial	2.100	1,680,000	-	\$ 475,000	1,205,000	2
60416STR1	7/1/2023	Serial	2.150	1,705,000	-	\$ 480,000	1,225,000	2
60416STS9	1/1/2024	Serial	2.250	1,730,000	-	\$ 490,000	1,240,000	2
60416STT7	7/1/2024	Serial	2.300	1,760,000	-	\$ 505,000	1,255,000	2
60416STU4	1/1/2025	Serial	2.450	1,790,000	-	\$ 510,000	1,280,000	2
60416STV2	7/1/2025	Serial	2.500	1,820,000	-	\$ 510,000	1,310,000	2
60416STW0	1/1/2026	Serial	2.650	1,855,000	-	\$ 520,000	1,335,000	2
60416STX8	7/1/2026	Serial	2.700	1,890,000	-	\$ 535,000	1,355,000	2
60416STY6	1/1/2027	Serial	2.800	1,925,000	-	\$ 545,000	1,380,000	2
60416STZ3	7/1/2027	Serial	2.850	1,965,000	-	\$ 565,000	1,400,000	2
60416SUA6	7/1/2030	Term(a)	3.200	10,690,000	-	\$ 3,035,000	7,655,000	2
				<u>\$ 43,455,000</u>	<u>\$ 2,860,000</u>	<u>\$ 12,020,000</u>	<u>\$ 28,575,000</u>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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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	\$ -	\$ 1,065,000	\$ 2,665,000	2
60416SUC2	7/1/2047	Term (b)	4.000	33,660,000	-	6,305,000	27,355,000	1
				<u>\$ 37,390,000</u>	<u>\$ -</u>	<u>\$ 7,370,000</u>	<u>\$ 30,020,000</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, 2019**



Residential Housing Finance Bonds, 2017 Series C

AMT

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

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

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

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

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

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

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2019 was 1.95%.

** 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, 2019



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	-	120,000	1,390,000	2
60416SVH0	1/1/2020	Serial	2.000	1,530,000	-	120,000	1,410,000	2
60416SVJ6	7/1/2020	Serial	2.050	1,550,000	-	125,000	1,425,000	2
60416SVK3	1/1/2021	Serial	2.200	1,575,000	-	125,000	1,450,000	2
60416SVL1	7/1/2021	Serial	2.250	1,595,000	-	125,000	1,470,000	2
60416SVM9	1/1/2022	Serial	2.350	1,620,000	-	130,000	1,490,000	2
60416SVN7	7/1/2022	Serial	2.400	1,645,000	-	130,000	1,515,000	2
60416SVP2	1/1/2023	Serial	2.450	1,670,000	-	135,000	1,535,000	2
60416SVQ0	7/1/2023	Serial	2.500	1,695,000	-	135,000	1,560,000	2
60416SVR8	1/1/2024	Serial	2.550	1,725,000	-	135,000	1,590,000	2
60416SVS6	7/1/2024	Serial	2.600	1,750,000	-	135,000	1,615,000	2
60416SVT4	1/1/2025	Serial	2.750	1,780,000	-	135,000	1,645,000	2
60416SVU1	7/1/2025	Serial	2.800	1,810,000	-	145,000	1,665,000	2
60416SVV9	1/1/2026	Serial	2.900	1,845,000	-	145,000	1,700,000	2
60416SVW7	7/1/2026	Serial	2.900	1,875,000	-	145,000	1,730,000	2
60416SVX5	1/1/2027	Serial	2.950	1,910,000	-	145,000	1,765,000	2
60416SVY3	7/1/2027	Serial	3.000	1,950,000	-	150,000	1,800,000	2
60416SVZ0	1/1/2028	Serial	3.100	1,985,000	-	170,000	1,815,000	2
60416SWA4	7/1/2028	Serial	3.150	2,025,000	-	170,000	1,855,000	2
60416SWB2	1/1/2030	Term(a)	3.300	5,355,000	-	425,000	4,930,000	2
				\$ 41,145,000	\$ 2,645,000.00	\$ 3,145,000	\$ 35,355,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 1,530,000	\$ 17,705,000	2
60416SWD8	1/1/2048	Term (b)	4.000	43,840,000	-	4,395,000	39,445,000	1
				<u>\$ 63,075,000</u>	<u>\$ -</u>	<u>\$ 5,925,000</u>	<u>\$ 57,150,000</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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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, 2019 was 1.90%.

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RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
 Information as of June 30, 2019



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	-	45,000	530,000	2
60416SWJ5	1/1/2020	Serial	2.050	575,000	-	45,000	530,000	2
60416SWK2	7/1/2020	Serial	2.200	585,000	-	50,000	535,000	2
60416SWL0	1/1/2021	Serial	2.350	590,000	-	55,000	535,000	2
60416SWM8	7/1/2021	Serial	2.450	600,000	-	60,000	540,000	2
60416SWN6	1/1/2022	Serial	2.500	610,000	-	65,000	545,000	2
60416SWP1	7/1/2022	Serial	2.550	615,000	-	70,000	545,000	2
60416SWQ9	1/1/2023	Serial	2.650	630,000	-	70,000	560,000	2
60416SWR7	7/1/2023	Serial	2.700	570,000	-	45,000	525,000	2
60416SWS5	1/1/2024	Serial	2.850	550,000	-	45,000	505,000	2
60416SWT3	7/1/2024	Serial	2.900	590,000	-	50,000	540,000	2
60416SWU0	1/1/2025	Serial	3.000	930,000	-	80,000	850,000	2
60416SWV8	7/1/2025	Serial	3.050	950,000	-	80,000	870,000	2
60416SWW6	1/1/2026	Serial	3.150	965,000	-	80,000	885,000	2
60416SWX4	7/1/2026	Serial	3.250	985,000	-	90,000	895,000	2
60416SWY2	1/1/2027	Serial	3.350	1,005,000	-	95,000	910,000	2
60416SWZ9	7/1/2027	Serial	3.400	1,030,000	-	100,000	930,000	2
60416SXA3	1/1/2028	Serial	3.450	1,050,000	-	100,000	950,000	2
60416SXB1	7/1/2028	Serial	3.500	1,180,000	-	120,000	1,060,000	2
60416SXC9	7/1/2032	Term(a)	3.625	13,855,000	-	1,280,000	12,575,000	2
				<u>\$ 28,820,000</u>	<u>\$ 370,000</u>	<u>\$ 2,635,000</u>	<u>\$ 25,815,000</u>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2018 Series A, 2018 Series B, 2018 Series C and 2018 Series D.

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

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2018 Series B PAC Term bonds maturing July 1, 2048. See "Section Q – Summary of Special Redemption Provisions".

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	\$ -	\$ 5,000	\$ 95,000	2
60416SXE5	1/1/2020	Serial	1.800	100,000	-	5,000	95,000	2
60416SXF2	7/1/2020	Serial	1.900	100,000	-	5,000	95,000	2
60416SXG0	1/1/2021	Serial	2.000	100,000	-	5,000	95,000	2
60416SXH8	7/1/2021	Serial	2.100	100,000	-	5,000	95,000	2
60416SXJ4	1/1/2022	Serial	2.150	100,000	-	5,000	95,000	2
60416S XK1	7/1/2022	Serial	2.200	100,000	-	5,000	95,000	2
60416SXL9	1/1/2023	Serial	2.300	100,000	-	-	100,000	2
60416SXM7	7/1/2023	Serial	2.350	175,000	-	30,000	145,000	2
60416S XN5	1/1/2024	Serial	2.500	200,000	-	30,000	170,000	2
60416SXP0	7/1/2024	Serial	2.550	200,000	-	30,000	170,000	2
60416S XQ8	7/1/2033	Term (a)	3.450	5,380,000	-	495,000	4,885,000	2
60416SXR6	7/1/2037	Term (b)	3.650	11,950,000	-	1,100,000	10,850,000	2
60416SXS4	7/1/2048	Term (c)	4.000	24,975,000	-	1,230,000	23,745,000	1
				\$ 43,680,000	\$ -	\$ 2,950,000	\$ 40,730,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2018 Series A, 2018 Series B, 2018 Series C and 2018 Series D.

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

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2018 Series B PAC Term bonds maturing July 1, 2048. See "Section Q – Summary of Special Redemption Provisions".

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

- (a): Sinking fund redemptions begin 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, 2019**



Residential Housing Finance Bonds, 2018 Series C

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SXT2	1/1/2019	Serial	2.650	\$ 620,000	\$ 620,000	\$ -	\$ -	2
60416SXU9	7/1/2019	Serial	2.800	700,000	-	\$ -	700,000	2
60416SXV7	1/1/2020	Serial	2.900	720,000	-	\$ -	720,000	2
60416SXW5	7/1/2020	Serial	3.000	735,000	-	\$ -	735,000	2
60416SXX3	1/1/2021	Serial	3.050	755,000	-	\$ -	755,000	2
60416SXY1	7/1/2021	Serial	3.150	770,000	-	\$ -	770,000	2
60416SXZ8	1/1/2022	Serial	3.300	790,000	-	\$ -	790,000	2
60416SYA2	7/1/2022	Serial	3.350	810,000	-	\$ 5,000	805,000	2
60416SYB0	1/1/2023	Serial	3.450	825,000	-	\$ 5,000	820,000	2
60416SYC8	7/1/2023	Serial	3.500	845,000	-	\$ 10,000	835,000	2
60416SYD6	1/1/2024	Serial	3.550	870,000	-	\$ 10,000	860,000	2
60416SYE4	7/1/2024	Serial	3.600	865,000	-	\$ 10,000	855,000	2
60416SYF1	1/1/2025	Serial	3.650	760,000	-	\$ -	760,000	2
60416SYG9	7/1/2025	Serial	3.700	775,000	-	\$ -	775,000	2
60416SYH7	1/1/202	Serial	3.750	795,000	-	\$ 5,000	790,000	2
60416SYJ3	7/1/2026	Serial	3.800	815,000	-	\$ 5,000	810,000	2
60416SYK0	1/1/2027	Serial	3.850	835,000	-	\$ 5,000	830,000	2
60416SYL8	7/1/2027	Serial	3.900	855,000	-	\$ 10,000	845,000	2
60416SYM6	1/1/2028	Serial	3.950	875,000	-	\$ 15,000	860,000	2
60416SYN4	7/1/2028	Serial	4.000	795,000	-	\$ 5,000	790,000	2
60416SYP9	7/1/2033	Term (a)	4.200	3,385,000	-	\$ 20,000	3,365,000	2
60416SYQ7	7/1/2040	Term (b)	4.450	5,805,000	-	\$ 35,000	5,770,000	2
				\$ 25,000,000	\$ 620,000	\$ 140,000	\$ 24,240,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2018 Series A, 2018 Series B, 2018 Series C and 2018 Series D.

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

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2018 Series B PAC Term bonds maturing July 1, 2048. See "Section Q – Summary of Special Redemption Provisions".

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

- (a): Sinking fund redemptions begin January 1, 2029.
- (b): Sinking fund redemptions begin January 1, 2034.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



Residential Housing Finance Bonds, 2018 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SYR5	1/1/2045	Term(a)	Variable*	\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	3
				\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	

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, 2019 was 2.33%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	-	-	215,000	2
60416SA59	1/1/2027	Serial	3.100	1,195,000	-	5,000	1,190,000	2
60416SA67	7/1/2027	Serial	3.150	1,220,000	-	10,000	1,210,000	2
60416SA75	1/1/2028	Serial	3.300	1,245,000	-	10,000	1,235,000	2
60416SA83	7/1/2028	Serial	3.350	1,275,000	-	10,000	1,265,000	2
60416SA91	1/1/2029	Serial	3.400	1,305,000	-	10,000	1,295,000	2
60416SB25	7/1/2029	Serial	3.450	1,335,000	-	10,000	1,325,000	2
60416SB33	1/1/2030	Serial	3.550	1,365,000	-	10,000	1,355,000	2
60416SB41	7/1/2030	Serial	3.600	1,405,000	-	10,000	1,395,000	2
60416SB58	1/1/2033	Term(a)	3.800	6,840,000	-	45,000	6,795,000	2
60416SB66	1/1/2049	Term(b)	4.250	47,650,000	-	160,000	47,490,000	1
				\$ 65,200,000	\$ -	\$ 280,000	\$ 64,920,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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, 2019**



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	\$ -	5,000	\$ 465,000	2
60416SB82	1/1/2020	Serial	2.400	930,000	-	5,000	925,000	2
60416SB90	7/1/2020	Serial	2.500	945,000	-	5,000	940,000	2
60416SC24	1/1/2021	Serial	2.650	960,000	-	5,000	955,000	2
60416SC32	7/1/2021	Serial	2.750	970,000	-	5,000	965,000	2
60416SC40	1/1/2022	Serial	2.850	990,000	-	5,000	985,000	2
60416SC57	7/1/2022	Serial	2.950	1,005,000	-	5,000	1,000,000	2
60416SC65	1/1/2023	Serial	3.000	1,025,000	-	5,000	1,020,000	2
60416SC73	7/1/2023	Serial	3.050	1,040,000	-	10,000	1,030,000	2
60416SC81	1/1/2024	Serial	3.100	1,060,000	-	10,000	1,050,000	2
60416SC99	7/1/2024	Serial	3.150	1,080,000	-	10,000	1,070,000	2
60416SD23	1/1/2025	Serial	3.250	1,100,000	-	10,000	1,090,000	2
60416SD31	7/1/2025	Serial	3.300	1,125,000	-	10,000	1,115,000	2
60416SD49	1/1/2026	Serial	3.400	1,145,000	-	10,000	1,135,000	2
60416SD49	7/1/2026	Serial	3.500	955,000	-	5,000	950,000	2
				\$ 14,800,000	\$ -	\$ 105,000	\$ 14,695,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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%.

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RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
 Information as of June 30, 2019



Residential Housing Finance Bonds, 2018 Series G

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Maturity Date
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	-	-	285,000	2
60416SE30	1/1/2022	Serial	3.390	290,000	-	-	290,000	2
60416SE48	7/1/2022	Serial	3.440	300,000	-	-	300,000	2
60416SE55	1/1/2023	Serial	3.500	305,000	-	-	305,000	2
60416SE63	7/1/2023	Serial	3.540	315,000	-	-	315,000	2
60416SE71	1/1/2024	Serial	3.650	320,000	-	-	320,000	2
60416SE89	7/1/2024	Serial	3.700	330,000	-	-	330,000	2
60416SE+8	1/1/2025	Serial	3.750	340,000	-	-	340,000	2
60416SF21	7/1/2025	Serial	3.800	345,000	-	-	345,000	2
60416SF39	1/1/2026	Serial	3.850	355,000	-	-	355,000	2
60416SF47	7/1/2026	Serial	3.900	365,000	-	-	365,000	2
60416SF54	1/1/2027	Serial	4.000	375,000	-	-	375,000	2
60416SF62	7/1/2027	Serial	4.050	385,000	-	-	385,000	2
60416SF70	1/1/2028	Serial	1.100	395,000	-	-	395,000	2
60416SF88	7/1/2028	Serial	4.150	405,000	-	5,000	400,000	2
60416SF96	1/1/2029	Serial	4.200	415,000	-	5,000	410,000	2
60416SG20	7/1/2029	Serial	4.250	425,000	-	5,000	420,000	2
60416SG38	7/1/2033	Term (a)	4.450	3,790,000	-	10,000	3,780,000	2
60416SG46	7/1/2038	Term (b)	4.630	5,935,000	-	15,000	5,920,000	2
60416SG53	1/1/2049	Term (c)	4.730	18,265,000	-	45,000	18,220,000	2
				\$ 35,000,000	\$ -	\$ 85,000	\$ 34,915,000	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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

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, 2019**



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
				\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	

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

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

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

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

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

*Interest on the bonds is adjusted weekly and equals the SIFMA Swap Index plus 0.55%.
The interest rate on June 30, 2019 was 2.45%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	-	-	1,350,000	2
60416SL24	7/1/2021	Serial	2.150	1,360,000	-	-	1,360,000	2
60416SL32	7/1/2022	Serial	2.250	1,375,000	-	-	1,375,000	2
60416SL40	7/1/2023	Serial	2.400	1,395,000	-	-	1,395,000	2
60416SL57	7/1/2024	Serial	2.450	1,410,000	-	-	1,410,000	2
60416SL65	7/1/2025	Serial	2.625	875,000	-	-	875,000	2
				\$ 7,865,000	\$ -	\$ -	7,865,000	

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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	-	-	1,345,000	2
60416SL99	1/1/2021	Serial	1.750	1,355,000	-	-	1,355,000	2
60416SM23	1/1/2022	Serial	1.800	1,365,000	-	-	1,365,000	2
60416SM31	1/1/2023	Serial	1.950	1,380,000	-	-	1,380,000	2
60416SM49	1/1/2024	Serial	2.050	1,400,000	-	-	1,400,000	2
60416SM56	1/1/2025	Serial	2.150	1,415,000	-	-	1,415,000	2
60416SM64	7/1/2025	Serial	2.200	550,000	-	-	550,000	2
60416SM72	1/1/2026	Serial	2.350	1,440,000	-	-	1,440,000	2
60416SM80	7/1/2026	Serial	2.375	1,450,000	-	-	1,450,000	2
60416SM98	1/1/2027	Serial	2.500	1,470,000	-	-	1,470,000	2
60416SN22	7/1/2027	Serial	2.550	1,485,000	-	-	1,485,000	2
60416SN30	1/1/2028	Serial	2.650	1,470,000	-	-	1,470,000	2
60416SN48	7/1/2028	Serial	2.700	1,460,000	-	-	1,460,000	2
60416SN55	1/1/2029	Serial	2.850	2,430,000	-	-	2,430,000	2
60416SN63	7/1/2029	Serial	2.900	2,405,000	-	-	2,405,000	2
60416SN71	1/1/2030	Serial	3.000	2,375,000	-	-	2,375,000	2
60416SN89	7/1/2030	Serial	3.000	2,355,000	-	-	2,355,000	2
60416SN97	1/1/2031	Serial	3.100	2,400,000	-	-	2,400,000	2
60416SP20	7/1/2031	Serial	3.150	2,390,000	-	-	2,390,000	2
60416SP38	7/1/2033	Term (a)	3.300	8,565,000	-	-	8,565,000	2
60416SP46	7/1/2049	Term (b)	4.250	57,450,000	-	-	57,450,000	1
				\$ 98,195,000	\$ -	\$ -	\$ 98,195,000	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



Residential Housing Finance Bonds, 2019 Series C

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416S	1/1/2020	Serial	2.625	\$ 915,000	\$ -	\$ -	915,000	2
60416S	7/1/2020	Serial	2.675	940,000	-	-	940,000	2
60416S	1/1/2021	Serial	2.725	965,000	-	-	965,000	2
60416S	7/1/2021	Serial	2.775	990,000	-	-	990,000	2
60416S	1/1/2022	Serial	2.847	1,015,000	-	-	1,015,000	2
60416S	7/1/2022	Serial	2.897	1,040,000	-	-	1,040,000	2
60416S	1/1/2023	Serial	2.942	1,070,000	-	-	1,070,000	2
60416S	7/1/2023	Serial	2.992	1,095,000	-	-	1,095,000	2
60416S	1/1/2024	Serial	3.042	1,125,000	-	-	1,125,000	2
60416S	7/1/2024	Serial	3.092	1,155,000	-	-	1,155,000	2
60416S	1/1/2025	Serial	3.207	1,190,000	-	-	1,190,000	2
60416S	7/1/2025	Serial	3.237	1,220,000	-	-	1,220,000	2
60416S	1/1/2026	Serial	3.317	1,250,000	-	-	1,250,000	2
60416S	7/1/2026	Serial	3.367	1,285,000	-	-	1,285,000	2
60416S	1/1/2027	Serial	3.471	1,315,000	-	-	1,315,000	2
60416S	7/1/2027	Serial	3.521	1,350,000	-	-	1,350,000	2
60416S	1/1/2028	Serial	3.571	1,385,000	-	-	1,385,000	2
60416S	7/1/2028	Serial	3.621	1,420,000	-	-	1,420,000	2
60416S	1/1/2029	Serial	3.671	425,000	-	-	425,000	2
60416S	7/1/2029	Serial	3.721	440,000	-	-	440,000	2
60416S	7/1/2034	Term (a)	3.971	5,055,000	-	-	5,055,000	2
60416S	7/1/2042	Term (b)	4.204	10,855,000	-	-	10,855,000	2
				\$ 37,500,000	\$ -	\$ -	\$ 37,500,000	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of June 30, 2019**



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
				\$ 45,000,000	\$ -	\$ -	\$ 45,000,000	

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

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

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

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

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

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2019 was 1.90%.

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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of June 30, 2019**

Residential Housing Finance 2006 N	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	<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>

Residential Housing Finance 2007 Series M	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes, from Repayments and Prepayments, not from Excess Revenue.
Call Date From Prepayments or Excess Revenue	Each January 1 and July 1, commencing January 1, 2008.
Call Priority From Prepayments or Excess Revenue	Mandatory redemption, pro rata, from mortgage prepayments and repayments allocable to the Series M Bonds. No redemption from Excess Revenue.

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of June 30, 2019**

Residential Housing Finance 2009 Series D and E															
Call From Unexpended Proceeds	N/A														
Call Date From Unexpended Proceeds	N/A														
Call Priority From Unexpended Proceeds	N/A														
Call From Prepayments or Excess Revenue	Yes														
Call Date From Prepayments or Excess Revenue	Anytime														
Call Priority From Prepayments or Excess Revenue	<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>October 1, 2009 to December 31, 2009</td> <td align="right">56.23%</td> </tr> <tr> <td>January 1, 2010 to June 30, 2011</td> <td align="right">61.55</td> </tr> <tr> <td>July 1, 2011 to June 30, 2012</td> <td align="right">63.25</td> </tr> <tr> <td>July 1, 2012 to June 30, 2015</td> <td align="right">67.20</td> </tr> <tr> <td>July 1, 2015 to June 30, 2018</td> <td align="right">70.94</td> </tr> <tr> <td>July 1, 2018 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table> <p>Prepayments that are not 10-year rule restricted may be applied to redeem any outstanding Bonds (including any Series Bonds) selected by the Agency.</p> <p><u>Excess Revenues:</u> Any outstanding Bonds (including the Series Bonds) selected by the Agency.</p>	<u>Dates</u>	<u>Percentages</u>	October 1, 2009 to December 31, 2009	56.23%	January 1, 2010 to June 30, 2011	61.55	July 1, 2011 to June 30, 2012	63.25	July 1, 2012 to June 30, 2015	67.20	July 1, 2015 to June 30, 2018	70.94	July 1, 2018 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>														
October 1, 2009 to December 31, 2009	56.23%														
January 1, 2010 to June 30, 2011	61.55														
July 1, 2011 to June 30, 2012	63.25														
July 1, 2012 to June 30, 2015	67.20														
July 1, 2015 to June 30, 2018	70.94														
July 1, 2018 and thereafter	100.00														

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of June 30, 2019**

Residential Housing Finance 2012 Series A, B, C and D							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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, 2019**

Residential Housing Finance 2013 Series A, B and C							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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, 2019**

Residential Housing Finance 2014 Series A							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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, 2019**

Residential Housing Finance 2014 Series B							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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">April 30, 2014 to April 29, 2024</td> <td align="center">0.00%</td> </tr> <tr> <td align="center">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, 2019**

Residential Housing Finance 2014 Series C, D and E							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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, 2019**

Residential Housing Finance 2015 Series A, C and D							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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, 2019**

Residential Housing Finance 2015 Series E, F and G							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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, 2019**

Residential Housing Finance 2016 Series A, B and C							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<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 align="center">June 22, 2016 to June 21, 2026</td> <td align="center">47.22%</td> </tr> <tr> <td align="center">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, 2019**

Residential Housing Finance 2016 Series D, E and F																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
Call From Prepayments or Excess Revenue	Yes																						
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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
<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, 2019**

Residential Housing Finance 2017 Series A, B and C																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
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Information as of June 30, 2019**

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Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
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Residential Housing Finance 2018 Series A, B, C and D																					
Call From Unexpended Proceeds	N/A																				
Call Date From Unexpended Proceeds	N/A																				
Call Priority From Unexpended Proceeds	N/A																				
Call From Prepayments or Excess Revenue	Yes																				
Call Date From Prepayments or Excess Revenue	Series A, B and C: Anytime. Series D: on or after January 1, 2023																				
Call Priority From Prepayments or Excess Revenue	<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, 2019**

	<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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Residential Housing Finance 2018 Series E, F, G and H																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of June 30, 2019**

	<p>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, 2019

	<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> <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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**Residential Housing Finance Bond Resolution
Tax Restricted Prepayments and Repayments
Information as of June 30, 2019**



RHFB 2012 ABCD	
Date	Percent
06/30/2019	58.97%
04/26/2022	100.00%

RHFB 2013 ABC	
Date	Percent
06/30/2019	49.30%
01/01/2023	100.00%

RHFB 2014 A	
Date	Percent
06/30/2019	0.00%
03/26/2024	100.00%

RHFB 2014 B	
Date	Percent
06/30/2019	0.00%
04/30/2024	100.00%

RHFB 2014 CDE	
Date	Percent
06/30/2019	65.94%
12/16/2024	100.00%

RHFB 2015 ABCD	
Date	Percent
06/30/2019	47.52%
08/11/2025	100.00%

RHFB 2015 EFG	
Date	Percent
06/30/2019	56.73%
12/08/2025	100.00%

RHFB 2016 AB*	
Date	Percent
06/30/2019	47.22%
06/22/2026	100.00%

RHFB 2016 DEF	
Date	Percent
06/30/2019	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
06/30/2019	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
06/30/2019	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**	
Date	Percent
06/30/2019	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***	
Date	Percent
06/30/2019	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****	
Date	Percent
06/30/2019	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%

* Although the RHFB 2016 AB Bonds were issued with the RHFB 2016 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Tax-Exempt Loans, the Transferred Tax-Exempt Participation Loans and the Program Loans backing Program Securities acquired with proceeds of the 2016 Series B Bonds. The prepayments and repayments from the Transferred Taxable Loans are not tax-restricted, but are dedicated to payment of the 2016 Series C Bonds.

** Although the RHFB 2018 ABD Bonds were issued with the RHFB 2018 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Program Loans and the Program Loans backing Program Securities acquired with proceeds of the 2018 Series ABD Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series C Bonds.

*** 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 Transferred Program Loans and 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.

**** 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.

**Residential Housing Finance Bond Resolution
Investments
Information as of June 30, 2019**



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	450,596
None	Revenue	GNMA II POOL #755394	7/20/2040	4.25000	70,297
None	Revenue	GNMA II POOL #755398	7/20/2040	4.75000	125,871
None	Revenue	GNMA II POOL #755421	11/20/2040	4.00000	176,669
None	Revenue	GNMA II POOL #755423	10/20/2040	4.50000	147,309
None	Revenue	GNMA II POOL #755715	12/20/2040	4.00000	414,492
None	Revenue	GNMA II Pool #755712	12/20/2040	3.37500	221,280
None	Revenue	GNMA II POOL #755719	11/20/2040	4.50000	345,518
None	Revenue	GNMA II POOL #755884	1/20/2041	3.62500	191,608
None	Revenue	GNMA II POOL #755885	1/20/2041	3.87500	367,399
None	Revenue	GNMA II Pool #755996	1/20/2041	4.12500	90,438
None	Revenue	GNMA II POOL #755997	1/20/2041	4.37500	108,540
None	Revenue	GNMA II POOL #755998	7/20/2040	4.62500	219,174
None	Revenue	GNMA II POOL #756018	1/20/2041	4.12500	139,851
None	Revenue	GNMA II POOL #756055	1/20/2041	4.12500	130,350
None	Revenue	GNMA II POOL #755753	1/20/2041	3.37500	167,471
None	Revenue	GNMA II Pool #755735	1/20/2041	3.37500	287,576
None	Revenue	GNMA II Pool #755737	1/20/2041	3.87500	298,436
None	Revenue	GNMA II Pool #755714	12/20/2040	3.87500	80,641
None	Revenue	GNMA II Pool #755799	1/20/2041	3.62500	108,875
None	Revenue	GNMA II Pool #AF0609	7/20/2043	2.50000	758,337
None	Revenue	FNMA POOL #AH5485	1/1/2041	4.12500	50,486
None	Revenue	FNMA Pool #AT9858	5/1/2043	2.90000	360,120
None	Revenue	FNMA Pool #AU7184	5/1/2043	3.00000	191,343
None	Revenue	FNMA Pool #AU7183	7/1/2043	3.00000	1,313,137
None	Revenue	Resolution Funding Corp.	10/15/2019	8.12500	605,000
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	2.24015	48,173,092
06LMN	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	13,104
06LMN	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	5,000
06LMN	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	14,195
06LMN	Redemption	Government Money Market Fund	Daily	2.24015	105,000
06LMN	Revenue	Government Money Market Fund	Daily	2.24015	73,794
07M	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	532,346
07M	Debt Service Reserve	Transamerica Life Insurance Company Inv. Agmt.	7/1/2048	5.26000	546,450
07M	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	14,132
07M	Redemption	Government Money Market Fund	Daily	2.24015	960,000
07M	Revenue	Government Money Market Fund	Daily	2.24015	175,644
09DEF	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	970,663
09DEF	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	560,000
09DEF	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	9,826
09DEF	Redemption	Government Money Market Fund	Daily	2.24015	39,050,000
09DEF	Revenue	Government Money Market Fund	Daily	2.24015	94,459

**Residential Housing Finance Bond Resolution
Investments
Information as of June 30, 2019**



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
12ABCD	Bond Fund Interest	Government Money Market Fund	Daily	2.24015 %	\$ 836,296
12ABCD	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,280,000
12ABCD	Debt Service Reserve	FNMA Pool #AT7540	7/1/2043	2.90000	399,991
12ABCD	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	1,215,114
12ABCD	Redemption	Government Money Market Fund	Daily	2.24015	805,000
12ABCD	Revenue	Government Money Market Fund	Daily	2.24015	1,144,563
13ABC	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	593,209
13ABC	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,115,000
13ABC	Debt Service Reserve	FNMA Pool #AT7541	7/1/2043	3.02500	698,414
13ABC	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	608,039
13ABC	Redemption	Government Money Market Fund	Daily	2.24015	560,000
13ABC	Revenue	Government Money Market Fund	Daily	2.24015	962,155
14A	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	268,411
14A	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	415,000
14A	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	479,250
14A	Redemption	Government Money Market Fund	Daily	2.24015	565,000
14A	Revenue	Government Money Market Fund	Daily	2.24015	766,382
14B	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	250,539
14B	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	305,000
14B	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	451,050
14B	Redemption	Government Money Market Fund	Daily	2.24015	540,000
14B	Revenue	Government Money Market Fund	Daily	2.24015	880,770
14CDE	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,973,861
14CDE	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	2,265,000
14CDE	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	3,528,750
14CDE	Redemption	Government Money Market Fund	Daily	2.24015	795,000
14CDE	Revenue	Government Money Market Fund	Daily	2.24015	3,150,197
15ABCD	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,078,131
15ABCD	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,010,000
15ABCD	Debt Service Reserve	FNMA POOL #AT7535	6/1/2043	2.77500	543,644
15ABCD	Debt Service Reserve	FNMA POOL #AU3005	6/1/2043	2.90000	325,723
15ABCD	Debt Service Reserve	GNMA II POOL #AC8310	1/20/2043	2.50000	56,923
15ABCD	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	1,540,160
15ABCD	Redemption	Government Money Market Fund	Daily	2.24015	1,040,000
15ABCD	Revenue	Government Money Market Fund	Daily	2.24015	1,840,917
15EFG	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,394,465
15EFG	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,350,000
15EFG	Debt Service Reserve	FNMA POOL #AH099	12/1/2040	3.45000	99,070
15EFG	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	3,488,046
15EFG	Redemption	Government Money Market Fund	Daily	2.24015	1,710,000
15EFG	Revenue	Government Money Market Fund	Daily	2.24015	1,808,388
16ABC	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,480,618
16ABC	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,140,000
16ABC	Debt Service Reserve	FNMA Pool #AT9856	6/1/2043	2.65000	356,349
16ABC	Debt Service Reserve	FNMA Pool #AH5520	12/1/2040	3.45000	723,464
16ABC	Debt Service Reserve	GNMA II Pool #AC8376	2/20/2043	2.87500	549,553

**Residential Housing Finance Bond Resolution
Investments
Information as of June 30, 2019**



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
16ABC	Debt Service Reserve	Government Money Market Fund	Daily	2.24015 %	\$ 1,716,665
16ABC	Redemption	Government Money Market Fund	Daily	2.24015	1,450,000
16ABC	Revenue	Government Money Market Fund	Daily	2.24015	2,410,248
16DEF	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,423,796
16DEF	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,300,000
16DEF	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	910,137
16DEF	Redemption	Government Money Market Fund	Daily	2.24015	1,185,000
16DEF	Revenue	Government Money Market Fund	Daily	2.24015	2,086,167
17ABC	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,274,012
17ABC	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,085,000
17ABC	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	1,518,257
17ABC	Redemption	Government Money Market Fund	Daily	2.24015	1,265,000
17ABC	Revenue	Government Money Market Fund	Daily	2.24015	2,346,311
17DEF	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,879,512
17DEF	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,390,000
17DEF	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	743,671
17DEF	Redemption	Government Money Market Fund	Daily	2.24015	1,045,000
17DEF	Revenue	Government Money Market Fund	Daily	2.24015	2,488,532
18ABCD	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,711,946
18ABCD	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	1,325,000
18ABCD	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	562,625
18ABCD	Redemption	Government Money Market Fund	Daily	2.24015	910,000
18ABCD	Revenue	Government Money Market Fund	Daily	2.24015	2,141,119
18EFGH	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	2,622,159
18EFGH	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	865,000
18EFGH	Redemption	Government Money Market Fund	Daily	2.24015	320,000
18EFGH	Revenue	Government Money Market Fund	Daily	2.24015	1,403,977
19ABCD	Bond Fund Interest	Government Money Market Fund	Daily	2.24015	1,298,527
19ABCD	Bond Fund Principal	Government Money Market Fund	Daily	2.24015	340,000
19ABCD	Debt Service Reserve	Government Money Market Fund	Daily	2.24015	931,100
19ABCD	Redemption	Government Money Market Fund	Daily	2.24015	165,000
19ABCD	Revenue	Government Money Market Fund	Daily	2.24015	2,511,427
					\$ <u>197,537,146</u>

Residential Housing Finance Bond Resolution
Debt Service Reserve Requirement
Information as of June 30, 2019

Debt Service Reserve Fund (all series combined)

Debt Service Reserve Requirement

\$21,767,830

Value (Per Resolution)

\$21,940,182