



## Residential Housing Finance Bond Resolution

Quarterly Disclosure Report  
Information as of March 31, 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.**

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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 March 31, 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 March 31, 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 March 31, 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](http://www.mnhousing.gov) or contact the Agency to request a copy.

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

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

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages  
Information as of March 31, 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	1,441,481,468	215,587,044	822,168,492	401,248,790	2,477,142	4.41 %
06LMN	20,334,227	3,495,582	9,673,526	6,338,927	826,192	5.32
07M	51,601,162	1,282,109	28,269,852	12,681,895	9,367,306	5.29
07M-40 Year	13,786,495	749,765	3,720,078	5,444,490	3,872,162	5.21
09DEF	123,184,490	17,117,505	60,738,999	13,986,906	31,341,080	5.53
12ABCD	96,047,766	13,695,299	43,510,096	7,888,241	30,954,130	5.59
13ABC	42,482,583	6,603,700	16,354,710	3,431,754	16,092,419	5.24
14A	15,938,679	3,189,782	6,112,409	176,926	6,459,562	6.10
14B	15,978,942	3,870,543	4,600,745	302,517	7,205,137	5.90
14CDE	147,424,535	13,587,916	51,346,047	7,774,210	74,716,362	5.04
15ABCD	52,474,015	3,612,402	20,452,529	3,246,899	25,162,185	5.14
15ABCD-40 Year	3,064,439	77,992	1,137,991	356,538	1,491,918	5.02
15EFG	80,106,833	5,768,963	24,808,538	3,757,331	45,772,001	5.44
15EFG-40 year	15,680,365	455,114	5,506,645	1,720,950	7,997,656	5.05
16ABC	59,751,015	3,136,042	23,159,743	3,398,991	30,056,239	5.42
16ABC-40 year	22,027,528	643,638	7,167,966	1,177,321	13,038,603	4.99
16DEF	27,242,103	1,758,229	7,032,091	839,541	17,612,242	5.54
16DEF-40 year	8,084,772	198,755	1,768,427	349,835	5,767,755	5.21
17ABC	45,579,077	1,696,451	10,304,814	768,705	32,809,107	5.38
17ABC-40 year	12,928,653	262,362	2,616,685	207,408	9,842,198	5.43
17DEF	20,736,955	625,154	3,335,955	635,815	16,140,031	5.40
17DEF-40 year	5,841,813	108,862	582,447	-	5,150,504	5.24
18ABCD	19,253,174	652,197	1,490,569	-	17,110,408	5.01
<b>Total</b>	<b>\$ 2,341,031,089</b>	<b>\$ 298,175,406</b>	<b>\$ 1,155,859,354</b>	<b>\$ 475,733,990</b>	<b>\$ 411,262,339</b>	<b>5.3140 %</b>

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages  
Information as of March 31, 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	12,933.7	9,551.9	3,330.8	51.0
06LMN	157.0	95.0	55.0	7.0
07M	435.3	232.8	100.6	101.9
07M-40 Year	87.6	26.2	34.0	27.4
09DEF	1,627.0	918.0	152.0	557.0
12ABCD	1,411.0	673.5	112.5	625.0
13ABC	641.0	270.0	47.5	323.5
14A	381.0	166.0	3.0	212.0
14B	419.0	185.0	5.0	229.0
14CDE	1,554.0	559.5	80.5	914.0
15ABCD	538.0	218.5	33.5	286.0
15ABCD-40 Year	20.0	8.0	2.0	10.0
15EFG	886.0	277.5	39.5	569.0
15EFG-40 year	105.0	38.0	12.0	55.0
16ABC	567.0	208.5	30.5	328.0
16ABC-40 year	151.0	50.0	8.0	93.0
16DEF	392.3	100.5	11.2	280.6
16DEF-40 year	55.6	12.6	2.4	40.6
17ABC	518.0	111.0	9.5	397.5
17ABC-40 year	102.0	18.0	2.0	82.0
17DEF	226.0	32.0	6.0	188.0
17DEF-40 year	48.0	6.0	-	42.0
18ABCD	307.5	21.0	-	286.5
<b>Total</b>	<b>23,563.0</b>	<b>13,779.5</b>	<b>4,077.5</b>	<b>5,706.0</b>

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 March 31, 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	\$ -	\$2,477,142	\$ -	\$ -	\$ -	\$ -	4.41 %
06LMN	455,000	826,192	-	-	-	-	5.32
07M	16,780,000	13,239,468	-	-	-	-	5.27
09DEF	39,920,000	31,341,080	9,602,966	-	-	-	5.53 (09DEF mortgages) 4.63 (09DEF mortgage-backed securities)
12ABCD	45,715,000	30,954,130	25,786,579	-	-	-	5.59 (12ABCD mortgages) 3.52 (12ABCD mortgage-backed securities)
13ABC	37,395,000	16,092,419	21,319,860	-	-	-	5.24 (13ABC mortgages) 2.63 (13ABC mortgage-backed securities)
14A	16,585,000	6,459,562	27,531,658	-	-	-	6.10 (14A mortgages) 3.21 (14A mortgage-backed securities)
14B	15,565,000	7,205,137	25,850,237	-	-	-	5.90 (14B mortgages) 3.34 (14B mortgage-backed securities)
14CDE	118,415,000	74,716,362	45,656,125	-	-	-	5.04 (14CDE mortgages) 3.51 (14CDE mortgage-backed securities)
15ABCD	74,090,000	26,654,103	42,425,866	-	-	-	5.13 (15ABCD mortgages) 3.27 (15ABCD mortgage-backed securities)
15EFG	108,295,000	53,769,657	53,935,078	-	-	-	5.38 (15EFG mortgages) 3.54 (15EFG mortgage-backed securities)
16ABC	98,845,000	43,094,842	60,885,302	-	-	-	5.26 (16ABC mortgages) 3.42 (16ABC mortgage-backed securities)
16DEF	111,645,000	23,379,997	86,549,804	-	-	-	5.46 (16DEF mortgages) 3.08 (16DEF mortgage-backed securities)
17ABC	100,650,000	42,651,305	55,715,112	-	-	-	5.39 (17ABC mortgages) 3.72 (17ABC mortgage-backed securities)
17DEF	134,410,000	21,290,535	113,304,783	-	-	-	5.37 (17DEF mortgages) 3.56 (17DEF mortgage-backed securities)
18ABCD	128,160,000	17,110,408	120,678,762	-	-	-	5.01 (18ABCD mortgages) 4.07 (18ABCD mortgage-backed securities)
18EFGH	150,000,000	-	149,825,319	-	-	-	4.36 (18EFGH mortgage-backed securities)
	<u>\$ 1,196,925,000</u>	<u>\$ 411,262,339</u>	<u>\$ 839,067,451</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	4.63 %

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**2009 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>
728666	GNMA II	4.250 %	\$ 146,599	\$ 60,580
743566	GNMA II	4.250	90,944	75,921
728516	GNMA II	4.625	7,021,096	2,566,575
728614	GNMA II	4.625	1,382,011	325,121
728262	GNMA II	4.875	994,000	185,913
728517	GNMA II	4.875	2,201,720	516,212
728615	GNMA II	4.875	259,976	-
735235	GNMA II	4.875	169,063	-
728263	GNMA II	5.000	137,148	-
728518	GNMA II	5.000	525,856	-
728264	GNMA II	5.125	131,165	-
728616	GNMA II	5.125	136,999	-
AC9191	FNMA	4.562	251,697	51,987
AC6443	FNMA	4.937	143,522	-
AC6444	FNMA	5.187	309,489	157,621
Subtotal			13,901,285	3,939,929

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 2019**



**2009 DEF, continued**

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

<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	\$ 1,687,946
728534	GNMA II	4.500	3,165,225	719,479
728613	GNMA II	4.500	4,906,470	975,592
728261	GNMA II	4.625	1,388,274	287,091
728535	GNMA II	4.625	1,061,740	406,624
728536	GNMA II	4.875	427,435	138,500
728537	GNMA II	5.000	82,472	-
728519	GNMA II	5.125	442,344	310,275
728538	GNMA II	5.125	153,378	-
735236	GNMA II	5.125	78,419	24,246
AC9166	FNMA	4.562	315,551	204,845
AC9177	FNMA	4.562	90,196	75,356
AC9180	FNMA	4.687	64,784	-
AC9167	FNMA	4.937	85,625	-
AC9181	FNMA	5.187	59,767	-
735437	GNMA II	4.375	96,238	-
747780	GNMA II	4.375	77,205	-
735540	GNMA II	4.500	4,303,546	1,470,962
743212	GNMA II	4.500	450,062	114,661
743228	GNMA II	4.500	121,688	-
747576	GNMA II	4.500	834,588	191,745
747684	GNMA II	4.500	1,552,935	746,910
751069	GNMA II	4.500	627,065	532,686
751083	GNMA II	4.500	1,179,104	474,738
735284	GNMA II	4.625	1,408,975	297,134

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**2009 DEF, continued**

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

<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	\$ 246,489
747509	GNMA II	4.625	1,658,314	809,967
747822	GNMA II	4.625	692,065	432,993
735440	GNMA II	4.750	577,825	-
735542	GNMA II	4.750	997,704	311,076
743214	GNMA II	4.750	137,340	-
AD6803	FNMA	4.500	87,851	4,460
AD6815	FNMA	4.500	217,208	-
AE2054	FNMA	4.500	259,873	-
AE2712	FNMA	4.500	108,193	-
AD2647	FNMA	4.562	280,053	-
AD2660	FNMA	4.562	335,820	103,501
AD3417	FNMA	4.562	449,308	253,132
AD3424	FNMA	4.562	100,335	85,094
AD4234	FNMA	4.562	237,044	156,154
AD4246	FNMA	4.562	240,606	188,452
AD5859	FNMA	4.625	118,921	-
AE2713	FNMA	4.625	70,518	-
AD5863	FNMA	4.750	236,686	75,968
AE6279	FNMA	4.750	91,935	-
Subtotal			36,187,540	11,326,076
MBS Participation Interest (50%)			18,093,770	5,663,038
2009 DEF Total			\$ 31,995,055	\$ 9,602,966

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 2019**



**2012 ABCD**

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AA0402	GNMA II	3.625 %	\$ 2,815,431	\$ 1,188,463
AO1087	FNMA	3.275	118,225	44,953
AO2408	FNMA	3.275	302,503	-
AO2409	FNMA	3.275	110,037	-
AO3786	FNMA	3.275	460,486	124,532
AO5861	FNMA	3.275	73,491	63,048
AO5869	FNMA	3.275	155,770	-
AO0387	FNMA	3.400	215,938	77,448
AO1088	FNMA	3.400	102,252	-
AO2413	FNMA	3.650	97,465	-
AO2414	FNMA	3.650	218,860	189,366
AO3787	FNMA	3.650	230,530	70,113
AO5862	FNMA	3.650	226,837	197,504
AO1089	FNMA	3.775	306,942	266,544
AO1090	FNMA	3.775	102,861	89,393
AO1099	FNMA	3.775	103,790	-
AO3779	FNMA	3.775	88,880	75,907
Subtotal			5,730,298	2,387,269

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 43,522
AA0282	GNMA II	3.375	88,231	76,063
AA0342	GNMA II	3.375	177,369	-
AA0401	GNMA II	3.375	88,982	76,746
793301	GNMA II	3.750	2,811,748	1,199,355
799957	GNMA II	3.750	2,722,740	1,233,094
799958	GNMA II	3.875	169,926	-
AO3773	FNMA	3.650	51,642	45,183
AO5870	FNMA	3.650	180,482	79,747
AB1497	GNMA II	3.000	212,877	126,289
AB1556	GNMA II	3.000	214,752	184,705
AB1724	GNMA II	3.000	413,923	160,852
AB1919	GNMA II	3.000	488,124	185,721
AB1725	GNMA II	3.125	304,729	104,804
AB1880	GNMA II	3.125	248,035	-
AB1904	GNMA II	3.125	84,033	-
AB1920	GNMA II	3.125	320,009	170,409

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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AB1921	GNMA II	3.250 %	\$ 445,324	\$ 187,928
AB1446	GNMA II	3.375	278,876	101,728
AB1618	GNMA II	3.500	421,599	53,408
AB1883	GNMA II	3.500	234,985	114,428
AB1923	GNMA II	3.500	385,053	119,983
AB1503	GNMA II	3.625	308,974	82,276
AB1561	GNMA II	3.625	258,242	89,257
AB1619	GNMA II	3.625	136,854	119,273
AB1646	GNMA II	3.625	378,903	99,304
AB1729	GNMA II	3.625	397,359	-
AB1767	GNMA II	3.625	158,319	137,883
AB1908	GNMA II	3.625	407,184	112,615
AB1924	GNMA II	3.625	62,523	-
AB2030	GNMA II	3.625	185,414	160,734
Subtotal			12,692,962	5,065,307
MBS Participation Interest (50.0031%)			6,346,874	2,532,811

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 560,800
AA0163	GNMA II	3.250	1,662,807	539,193
AA0281	GNMA II	3.250	2,286,836	970,082
AA0164	GNMA II	3.375	629,700	286,189
AA0198	GNMA II	3.375	88,309	-
AB1466	GNMA II	3.375	500,702	232,139
AA0076	GNMA II	3.625	2,059,751	552,597
AA0105	GNMA II	3.625	2,128,674	717,059
AA0165	GNMA II	3.625	2,775,509	1,297,520
AA0199	GNMA II	3.625	1,624,843	678,476
AA0077	GNMA II	3.750	591,767	211,871
AA0106	GNMA II	3.750	787,881	234,800
AA0166	GNMA II	3.750	630,630	277,790
AA0200	GNMA II	3.750	200,358	173,706
AA0284	GNMA II	3.750	95,198	-
AA0344	GNMA II	3.750	142,779	-
799890	GNMA II	4.000	79,297	67,657
799891	GNMA II	4.250	105,121	-
775568	GNMA II	3.375	860,742	612,423
775591	GNMA II	3.375	245,129	94,670
775599	GNMA II	3.375	581,951	65,707
775660	GNMA II	3.375	694,558	329,113
775708	GNMA II	3.375	391,681	276,957
775724	GNMA II	3.375	620,960	370,453
792333	GNMA II	3.375	137,417	117,685

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 333,386
792402	GNMA II	3.375	338,061	191,796
792437	GNMA II	3.375	179,393	-
792474	GNMA II	3.375	118,586	102,130
775569	GNMA II	3.500	302,172	142,091
775592	GNMA II	3.500	57,308	49,453
775661	GNMA II	3.500	544,072	198,235
775709	GNMA II	3.500	221,472	191,100
775725	GNMA II	3.500	70,112	-
792334	GNMA II	3.500	165,019	142,398
792370	GNMA II	3.500	147,233	121,265
792403	GNMA II	3.500	130,749	112,788
775472	GNMA II	3.750	339,576	294,568
775570	GNMA II	3.750	406,357	108,084
775593	GNMA II	3.750	819,660	284,411
775600	GNMA II	3.750	432,456	139,210
775662	GNMA II	3.750	1,130,068	726,993
775710	GNMA II	3.750	481,146	222,203
775726	GNMA II	3.750	469,492	355,232
792335	GNMA II	3.750	559,141	285,515
792371	GNMA II	3.750	640,200	130,443
775571	GNMA II	3.875	213,634	106,080
775594	GNMA II	3.875	1,086,404	452,402
775663	GNMA II	3.875	658,054	257,192
775711	GNMA II	3.875	271,899	-
775727	GNMA II	3.875	292,380	127,749

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 41,129
792372	GNMA II	3.875	124,372	59,863
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	100,591
775712	GNMA II	4.000	112,806	-
775676	GNMA II	4.125	153,278	133,809
775713	GNMA II	4.125	84,659	-
774854	GNMA II	4.250	581,713	237,128
774888	GNMA II	4.250	207,383	57,741
775596	GNMA II	4.250	366,413	-
775677	GNMA II	4.250	415,662	-
775714	GNMA II	4.250	199,022	109,940
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	69,149
Subtotal			35,917,191	14,550,962
MBS Participation Interest (50.0021%)			17,959,350	7,275,787

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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	\$ 771,792
AA0469	GNMA II	3.625	1,650,089	836,276
799861	GNMA II	3.750	1,863,656	521,929
AC8104	GNMA II	2.875	4,097,610	1,904,210
AB2093	GNMA II	3.125	271,185	-
AC7756	GNMA II	3.125	637,851	178,885
Subtotal			10,013,682	4,213,093
MBS Participation Interest (50.0019%)			5,007,031	2,106,626

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AB1463	GNMA II	3.000 %	\$ 49,221	\$ 42,811
799886	GNMA II	3.250	495,166	120,405
799954	GNMA II	3.250	931,842	458,680
AA0003	GNMA II	3.250	202,922	74,776
AA0074	GNMA II	3.250	1,667,721	515,926
AA0341	GNMA II	3.250	1,943,418	1,053,307
AA0400	GNMA II	3.250	1,699,366	539,946
AA0467	GNMA II	3.250	1,166,842	541,923
AB1465	GNMA II	3.250	492,658	273,813
793298	GNMA II	3.375	1,284,543	706,105
799859	GNMA II	3.375	1,311,886	673,466
799887	GNMA II	3.375	930,061	276,963
AA0004	GNMA II	3.375	790,402	676,468
AA0075	GNMA II	3.375	591,125	203,454
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	253,656
799888	GNMA II	3.625	709,598	302,279
799956	GNMA II	3.625	981,586	210,390
AA0005	GNMA II	3.625	1,000,098	602,936
AA0283	GNMA II	3.625	2,151,221	591,710
AA0343	GNMA II	3.625	2,509,161	1,391,450
799889	GNMA II	3.750	1,010,556	260,378
AA0014	GNMA II	3.750	886,095	520,479
AA0403	GNMA II	3.750	281,417	87,678

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

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	76,435
AR5611	FNMA	2.525	94,711	82,085
AR5614	FNMA	2.525	925,382	811,756
AR5616	FNMA	2.525	1,159,097	482,002
AR5617	FNMA	2.525	1,331,635	739,503
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	196,441
AR8764	FNMA	2.525	267,323	68,708
AR8770	FNMA	2.525	84,793	74,002
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	53,555
AT1917	FNMA	2.525	109,673	95,776
AT1921	FNMA	2.525	186,999	139,257
AT4624	FNMA	2.525	2,331,268	1,394,697
AT4628	FNMA	2.525	655,444	205,225
AT4633	FNMA	2.525	641,811	431,017
AT4742	FNMA	2.525	248,978	155,548
AT6228	FNMA	2.525	59,752	52,120
AQ9144	FNMA	2.530	80,418	66,162
AR5615	FNMA	2.650	134,553	113,368
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	286,097

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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT6229	FNMA	2.650 %	\$ 293,053	\$ 252,805
AR8778	FNMA	2.775	75,520	66,285
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	88,553
AT4758	FNMA	2.775	214,584	77,626
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	32,819
AR8771	FNMA	2.900	226,641	68,717
AR8776	FNMA	2.900	99,476	86,673
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	173,172
AT1908	FNMA	2.900	83,511	71,742
AT1924	FNMA	2.900	170,815	147,480
AT4743	FNMA	2.900	178,897	157,607
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	86,614
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	83,618

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 76,206
AR1324	FNMA	3.030	74,217	65,654
AR8766	FNMA	3.275	90,618	79,652
Subtotal			36,291,598	17,517,978
MBS Participation Interest (65.556%)			23,791,320	11,484,085
2012 ABCD Total			\$ 58,834,874	\$ 25,786,579

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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	70,659
AC8185	GNMA II	2.500	351,176	182,386
AC8306	GNMA II	2.500	1,234,130	538,847
AC8346	GNMA II	2.500	1,377,119	619,148
AC8371	GNMA II	2.500	536,055	283,937
AC8375	GNMA II	2.500	409,690	353,021
AD7480	GNMA II	2.500	490,678	243,358
AT4629	FNMA	2.650	788,890	232,560
AT7528	FNMA	2.650	1,633,992	992,020
AR5612	FNMA	2.775	86,370	-
AR5621	FNMA	2.775	168,901	149,431
AT4626	FNMA	2.775	285,628	95,783
AT7529	FNMA	2.775	343,062	-
AT4627	FNMA	2.900	149,529	132,666
AT4631	FNMA	2.900	169,550	-
AR0869	FNMA	3.150	75,992	66,267
AR2964	FNMA	3.150	129,684	114,521
AR5596	FNMA	3.150	59,464	51,701
AT1046	FNMA	3.275	134,213	117,580
AR8780	FNMA	3.400	74,302	65,860
AQ6038	FNMA	3.650	98,340	-
Subtotal			8,754,430	4,309,745

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AB1463	GNMA II	3.000 %	\$ 49,221	\$ 42,811
799886	GNMA II	3.250	495,166	120,405
799954	GNMA II	3.250	931,842	458,680
AA0003	GNMA II	3.250	202,922	74,776
AA0074	GNMA II	3.250	1,667,721	515,926
AA0341	GNMA II	3.250	1,943,418	1,053,307
AA0400	GNMA II	3.250	1,699,366	539,946
AA0467	GNMA II	3.250	1,166,842	541,923
AB1465	GNMA II	3.250	492,658	273,813
793298	GNMA II	3.375	1,284,543	706,105
799859	GNMA II	3.375	1,311,886	673,466
799887	GNMA II	3.375	930,061	276,963
AA0004	GNMA II	3.375	790,402	676,468
AA0075	GNMA II	3.375	591,125	203,454
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	253,656
799888	GNMA II	3.625	709,598	302,279
799956	GNMA II	3.625	981,586	210,390
AA0005	GNMA II	3.625	1,000,098	602,936
AA0283	GNMA II	3.625	2,151,221	591,710
AA0343	GNMA II	3.625	2,509,161	1,391,450
799889	GNMA II	3.750	1,010,556	260,378
AA0014	GNMA II	3.750	886,095	520,479
AA0403	GNMA II	3.750	281,417	87,678

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	76,435
AR5611	FNMA	2.525	94,711	82,085
AR5614	FNMA	2.525	925,382	811,756
AR5616	FNMA	2.525	1,159,097	482,002
AR5617	FNMA	2.525	1,331,635	739,503
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	196,441
AR8764	FNMA	2.525	267,323	68,708
AR8770	FNMA	2.525	84,793	74,002
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	53,555
AT1917	FNMA	2.525	109,673	95,776
AT1921	FNMA	2.525	186,999	139,257
AT4624	FNMA	2.525	2,331,268	1,394,697
AT4628	FNMA	2.525	655,444	205,225
AT4633	FNMA	2.525	641,811	431,017
AT4742	FNMA	2.525	248,978	155,548
AT6228	FNMA	2.525	59,752	52,120
AQ9144	FNMA	2.530	80,418	66,162
AR5615	FNMA	2.650	134,553	113,368
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	286,097

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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>
AT6229	FNMA	2.650 %	\$ 293,053	\$ 252,805
AR8778	FNMA	2.775	75,520	66,285
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	88,553
AT4758	FNMA	2.775	214,584	77,626
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	32,819
AR8771	FNMA	2.900	226,641	68,717
AR8776	FNMA	2.900	99,476	86,673
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	173,172
AT1908	FNMA	2.900	83,511	71,742
AT1924	FNMA	2.900	170,815	147,480
AT4743	FNMA	2.900	178,897	157,607
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	86,614
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	83,618
AR5597	FNMA	3.025	86,505	76,206
AR1324	FNMA	3.030	74,217	65,654
AR8766	FNMA	3.275	90,618	79,652
Subtotal			36,291,598	17,517,978
MBS Participation Interest (34.444%)			12,500,278	6,033,892

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 621,749
AC8401	GNMA II	2.500	48,506	-
AC8517	GNMA II	2.500	705,460	489,728
AC8521	GNMA II	2.500	281,308	103,352
AD7201	GNMA II	2.500	1,146,241	579,454
AD7306	GNMA II	2.500	528,762	294,497
AD7309	GNMA II	2.500	110,433	93,384
AD7322	GNMA II	2.500	884,732	466,741
AD7328	GNMA II	2.500	94,607	-
AD7411	GNMA II	2.500	1,324,919	827,719
AD7520	GNMA II	2.500	144,206	124,336
AD7323	GNMA II	2.625	152,254	132,320
AD7412	GNMA II	2.625	487,240	213,042
AD7481	GNMA II	2.625	1,315,697	645,360
AD7521	GNMA II	2.625	973,807	631,116
AD7525	GNMA II	2.625	199,960	169,699
AD7549	GNMA II	2.625	1,253,675	722,575
AC8103	GNMA II	2.750	54,282	47,209
AC8347	GNMA II	2.750	465,500	332,906
AC8397	GNMA II	2.750	533,047	117,521
AC7907	GNMA II	2.875	333,360	104,088
AC8150	GNMA II	2.875	261,715	228,045
AB2123	GNMA II	3.125	45,546	-
AE9846	GNMA II	2.750	1,378,784	366,255

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 257,975
AC8307	GNMA II	2.875	1,846,536	543,336
AC8402	GNMA II	2.875	173,194	-
AC8519	GNMA II	2.875	810,878	315,368
AD7203	GNMA II	2.875	782,422	341,910
AD7206	GNMA II	2.875	164,941	57,120
AD7308	GNMA II	2.875	624,792	216,302
AD7325	GNMA II	2.875	740,110	414,961
AD7330	GNMA II	2.875	171,991	149,917
AD7414	GNMA II	2.875	1,175,447	731,325
AD7483	GNMA II	2.875	1,515,476	847,790
AD7523	GNMA II	2.875	1,693,438	1,011,032
AB2189	GNMA II	3.000	309,432	268,365
AC8308	GNMA II	3.000	123,199	-
AD7204	GNMA II	3.000	129,612	113,091
AD7331	GNMA II	3.000	107,285	93,546
AC8232	GNMA II	3.125	120,991	105,948
AD7205	GNMA II	3.125	110,891	96,875
AC8520	GNMA II	3.250	162,886	-
AD7326	GNMA II	3.250	132,431	115,906

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	12,991,863
MBS Participation Interest (49.9991%)			12,855,034	6,495,814

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 103,381
AC8518	GNMA II	2.750	845,766	198,085
AD7202	GNMA II	2.750	869,613	404,444
AD7307	GNMA II	2.750	1,250,082	892,181
AD7310	GNMA II	2.750	193,849	109,963
AD7324	GNMA II	2.750	1,244,417	984,752
AD7329	GNMA II	2.750	271,710	239,966
AD7413	GNMA II	2.750	1,437,921	837,974
AD7482	GNMA II	2.750	485,833	154,183
AD7522	GNMA II	2.750	421,289	132,840
AD7550	GNMA II	2.750	410,972	362,406
AC8231	GNMA II	2.875	132,608	116,980
AD7524	GNMA II	2.500	366,796	320,759
AH1961	GNMA II	3.500	7,364,353	4,089,502
Subtotal			15,485,495	8,947,414
MBS Participation Interest (50.0749%)			7,754,346	4,480,409
2013 ABC Total			\$ 41,864,089	\$ 21,319,860

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**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	\$ 5,112,069
AG5765	GNMA II	2.50000	316,604	154,042
AG5963	GNMA II	2.50000	1,262,580	788,515
AH1875	GNMA II	2.50000	191,709	166,185
AH1963	GNMA II	2.50000	104,423	-
AD7552	GNMA II	2.62500	144,570	-
AE9848	GNMA II	2.62500	295,162	143,717
AF0094	GNMA II	2.62500	1,830,376	1,166,581
AD7484	GNMA II	2.75000	128,043	-
AE9849	GNMA II	2.75000	422,789	257,382
AF0095	GNMA II	2.75000	4,016,907	2,291,903
AB2188	GNMA II	2.87500	187,304	163,103
AC7869	GNMA II	2.87500	110,020	-
AC8522	GNMA II	2.87500	160,866	141,289
AF0096	GNMA II	2.87500	4,793,493	2,678,425
AF0100	GNMA II	2.87500	290,236	188,282
AH2036	GNMA II	3.00000	188,565	167,419
AC8400	GNMA II	3.37500	75,093	67,031
AD7527	GNMA II	3.50000	126,205	112,644
AH2038	GNMA II	4.00000	7,708,814	4,021,654
AU2989	FNMA	2.50000	235,065	210,522
AR5613	FNMA	2.52500	1,826,086	1,092,856
AT7533	FNMA	2.52500	294,640	252,900
AT7537	FNMA	2.52500	198,067	171,661
AT6230	FNMA	2.65000	129,631	115,341
AT9859	FNMA	2.65000	314,356	136,604
AU3003	FNMA	2.65000	310,784	124,512
AT9857	FNMA	2.77500	273,807	-

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 240,223
AT7530	FNMA	2.90000	1,384,135	742,192
AT7536	FNMA	2.90000	208,793	44,858
AU2995	FNMA	3.00000	230,170	99,599
AU2998	FNMA	3.50000	505,749	453,304
AV8366	FNMA	3.50000	346,325	312,042
AV8369	FNMA	3.50000	169,107	-
AU2999	FNMA	4.00000	3,020,694	1,384,375
AV7824	FNMA	4.00000	1,452,376	944,795
AV8367	FNMA	4.00000	2,573,110	1,488,483
AV9663	FNMA	4.00000	1,665,715	1,009,957
AU3000	FNMA	4.50000	539,304	78,999
AV8368	FNMA	4.50000	881,800	308,888
AV8371	FNMA	4.50000	509,016	360,553
AV9664	FNMA	4.50000	474,456	338,753
2014 A Total			\$ 50,003,520	\$ 27,531,658

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 2019**



**2014 B**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AE9844	GNMA II	2.50000 %	\$ 77,426	\$ 67,219
AD7526	GNMA II	2.87500	351,259	118,901
AD7553	GNMA II	2.87500	147,810	-
AE9850	GNMA II	2.87500	1,181,296	424,831
AH1962	GNMA II	4.00000	4,733,247	2,663,906
AH2597	GNMA II	4.00000	6,274,669	2,723,072
AT7534	FNMA	2.65000	5,463,918	2,750,239
AT7538	FNMA	2.65000	2,494,989	1,242,259
AU3007	FNMA	2.65000	62,017	-
AT9860	FNMA	2.90000	140,050	125,421
AU2982	FNMA	3.00000	9,469,151	5,388,925
AU3006	FNMA	3.02500	389,185	161,129
AV7823	FNMA	3.50000	64,250	58,450
AW1961	FNMA	4.50000	580,247	297,435
Subtotal			31,429,514	16,021,785

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 2019**



**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	\$ 320,759
AH1961	GNMA II	3.500	7,364,353	4,089,502
AC8372	GNMA II	2.750	190,286	103,381
AC8518	GNMA II	2.750	845,766	198,085
AD7202	GNMA II	2.750	869,613	404,444
AD7307	GNMA II	2.750	1,250,082	892,181
AD7310	GNMA II	2.750	193,849	109,963
AD7324	GNMA II	2.750	1,244,417	984,752
AD7329	GNMA II	2.750	271,710	239,966
AD7413	GNMA II	2.750	1,437,921	837,974
AD7482	GNMA II	2.750	485,833	154,183
AD7522	GNMA II	2.750	421,289	132,840
AD7550	GNMA II	2.750	410,972	362,406
AC8231	GNMA II	2.875	132,608	116,980
Subtotal			15,485,495	8,947,414
MBS Participation Interest (49.9251%)			7,731,149	4,467,006

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AF0093	GNMA II	2.500 %	\$ 224,137	\$ 200,462
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	587,887
AF0099	GNMA II	2.750	197,808	113,331
AH1960	GNMA II	3.000	101,458	92,079
AH1964	GNMA II	3.500	640,759	325,901
AH2037	GNMA II	3.500	7,775,339	3,007,053
AH2592	GNMA II	3.500	709,704	399,873
AV7825	FNMA	4.500	201,546	186,701
AI4176	GNMA II	3.500	21,964,999	11,438,765
Subtotal			32,679,957	16,352,053
MBS Participation Interest (32.7876%)			10,714,974	5,361,446
2014 B Total			\$ 49,875,636	\$ 25,850,237

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 2019**



**2014 CDE**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AI4923	GNMA II	3.000 %	\$ 265,792	\$ 100,349
AH2644	GNMA II	3.500	291,681	59,855
AI4077	GNMA II	4.000	611,359	423,850
AI4768	GNMA II	4.000	454,754	171,868
AI4925	GNMA II	4.000	155,571	142,819
AW3995	FNMA	4.500	138,928	-
Subtotal			1,918,085	898,740

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 11,438,765
AF0093	GNMA II	2.500	224,137	200,462
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	587,887
AF0099	GNMA II	2.750	197,808	113,331
AH1960	GNMA II	3.000	101,458	92,079
AH1964	GNMA II	3.500	640,759	325,901
AH2037	GNMA II	3.500	7,775,339	3,007,053
AH2592	GNMA II	3.500	709,704	399,873
AV7825	FNMA	4.500	201,546	186,701
Subtotal			32,679,957	16,352,053
MBS Participation Interest (67.2124%)			21,964,983	10,990,607

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 206,941
AH2598	GNMA II	3.500	178,836	-
AH2684	GNMA II	3.500	129,781	-
AI4076	GNMA II	3.500	438,494	402,164
AI4125	GNMA II	3.500	133,278	-
AH1965	GNMA II	4.000	621,071	308,009
AH2599	GNMA II	4.000	372,689	223,656
AX8552	FNMA	4.500	115,889	-
AX8124	FNMA	3.500	2,206,586	1,595,764
Subtotal			4,423,344	2,736,533
MBS Participation Interest (50.115%)			2,216,759	1,371,414

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 16,158,994
AX3836	FNMA	3.500	2,224,511	1,669,950
Subtotal			27,875,749	17,828,945
MBS Participation Interest (92.0199%)			25,651,236	16,406,177

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 14,357,511
AM8612	GNMA I	3.000	9,358,396	6,298,407
AM8937	GNMA I	3.000	5,807,044	4,106,009
AM8938	GNMA I	3.000	4,951,378	3,559,103
AM8939	GNMA I	3.000	4,876,401	3,779,776
Subtotal			49,796,511	32,100,807
MBS Participation Interest (49.8093%)			24,803,294	15,989,187
2014 CDE Total			<u>\$ 76,554,357</u>	<u>\$ 45,656,125</u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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	\$	102,083
AM8941	GNMA II	3.500		2,915,549		1,502,870
AM8943	GNMA II	3.500		205,216		190,806
AI4179	GNMA II	4.000		242,654		-
AM8942	GNMA II	4.000		39,872		-
AY5082	FNMA	3.500		1,743,318		1,219,216
AY5083	FNMA	3.500		499,627		167,769
AY5085	FNMA	3.500		2,322,111		1,662,477
AZ1657	FNMA	3.500		5,349,068		3,719,172
AZ1658	FNMA	4.000		248,181		70,150
Subtotal				13,896,443		8,634,541

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 6,298,407
AM8937	GNMA I	3.000	5,807,044	4,106,009
AM8938	GNMA I	3.000	4,951,378	3,559,103
AM8939	GNMA I	3.000	4,876,401	3,779,776
AI4767	GNMA II	3.500	24,803,293	14,357,511
Subtotal			49,796,511	32,100,807
MBS Participation Interest (50.1907%)			24,993,218	16,111,620

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 4,011,163
AM8555	GNMA II	3.500	3,739,824	2,768,732
AM8613	GNMA II	3.500	5,921,770	3,624,305
AZ5831	FNMA	3.500	6,715,036	5,135,302
AO8779	GNMA I	3.500	8,562,123	6,055,021
AY5078	FNMA	3.500	361,049	115,316
BA0621	FNMA	3.500	273,743	259,219
BA0623	FNMA	3.500	1,569,485	1,204,117
Subtotal			31,663,327	23,173,175
MBS Participation Interest (65.9973%)			20,896,941	15,293,670

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 1,991,225
AM8556	GNMA II	3.500	306,712	286,005
AY5084	FNMA	3.500	362,410	-
AY5086	FNMA	3.500	3,739,337	2,495,145
Subtotal			8,202,970	4,772,375
MBS Participation Interest (49.9968%)			4,101,222	2,386,035
2015 ABCD Total			\$ 63,887,824	\$ 42,425,866

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 164,221
AY5095	FNMA	3.500	476,397	-
AZ5833	FNMA	3.500	352,966	213,592
BA0469	FNMA	3.500	5,231,315	3,781,636
BA0470	FNMA	4.000	3,729,896	2,619,149
BA2501	FNMA	4.000	4,118,053	2,961,128
Subtotal			14,083,852	9,739,725

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 6,055,021
AY5078	FNMA	3.500	361,049	115,316
BA0621	FNMA	3.500	273,743	259,219
BA0623	FNMA	3.500	1,569,485	1,204,117
AM8940	GNMA I	3.000	4,520,297	4,011,163
AM8555	GNMA II	3.500	3,739,824	2,768,732
AM8613	GNMA II	3.500	5,921,770	3,624,305
AZ5831	FNMA	3.500	6,715,036	5,135,302
Subtotal			31,663,327	23,173,175
MBS Participation Interest (34.0027%)			10,766,386	7,879,505

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 195,719
AO8641	GNMA II	3.500	7,879,767	4,880,700
AI4769	GNMA II	3.500	2,575,665	1,606,812
A08783	GNMA II	3.500	485,760	360,294
AO9369	GNMA I	3.500	5,165,142	3,888,840
Subtotal			16,468,978	10,932,365
MBS Participation Interest (50.0481%)			8,242,411	5,471,441

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 877,372
BA0640	FNMA	3.500	848,267	803,848
BA0638	FNMA	4.000	105,339	98,323
BA6223	FNMA	4.000	190,469	180,302
Subtotal			2,280,776	1,959,845
MBS Participation Interest (49.8383%)			1,136,700	976,753

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 1,741,160
Subtotal			2,433,041	1,741,160
MBS Participation Interest (49.9919%)			1,216,323	870,439

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 280,491
BC9423	FNMA	3.000	276,525	262,428
BC4085	FNMA	3.500	1,473,617	1,003,875
BC4097	FNMA	3.500	2,820,746	2,536,891
Subtotal			4,867,662	4,083,685
MBS Participation Interest (24.996%)			1,216,721	1,020,758

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
AM9028	GNMA I	3.000 %	\$ 1,580,780	\$ 1,336,603
AO8774	GNMA I	3.000	2,049,815	1,324,461
AM8976	GNMA II	3.500	486,464	273,844
AM9030	GNMA II	3.500	459,995	284,596
AO8775	GNMA II	3.500	4,172,145	3,092,709
AO8776	GNMA II	3.500	4,878,678	3,562,387
AO8777	GNMA II	3.500	4,710,655	3,546,413
AO8780	GNMA I	3.500	5,472,547	3,815,445
AO8781	GNMA I	3.500	10,554,848	8,043,465
AR0752	GNMA II	3.500	7,079,482	5,545,710
AR0753	GNMA II	3.500	7,442,958	5,794,203
BC4088	FNMA	3.500	2,244,234	1,826,980
BC4086	FNMA	4.000	466,950	445,317
Subtotal			51,599,551	38,892,133
MBS Participation Interest (66.6012%)			34,365,920	25,902,628

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 1,733,972
BA0622	FNMA	4.000	375,062	164,947
Subtotal			2,587,096	1,898,919
MBS Participation Interest (50.0166%)			1,293,977	949,775

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 5,767,709
BD2362	FNMA	3.000	220,994	210,380
BD5918	FNMA	3.500	265,962	254,984
BC4100	FNMA	4.000	199,298	190,094
Subtotal			7,389,244	6,423,167
MBS Participation Interest (17.5%)			1,293,118	1,124,054
2015 EFG Total			\$ 73,615,407	\$ 53,935,078

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 141,607
BC6964	FNMA	3.500	6,593,541	5,517,702
BC4091	FNMA	4.000	110,858	104,619
Subtotal			6,852,636	5,763,928

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 5,545,710
AR0753	GNMA II	3.500	7,442,958	5,794,203
BC4088	FNMA	3.500	2,244,234	1,826,980
BC4086	FNMA	4.000	466,950	445,317
AM9028	GNMA I	3.000	1,580,780	1,336,603
AO8774	GNMA I	3.000	2,049,815	1,324,461
AM8976	GNMA II	3.500	486,464	273,844
AM9030	GNMA II	3.500	459,995	284,596
AO8775	GNMA II	3.500	4,172,145	3,092,709
AO8776	GNMA II	3.500	4,878,678	3,562,387
AO8777	GNMA II	3.500	4,710,655	3,546,413
AO8780	GNMA I	3.500	5,472,547	3,815,445
AO8781	GNMA I	3.500	10,554,848	8,043,465
Subtotal			51,599,551	38,892,133
MBS Participation Interest (33.3988%)			17,233,626	12,989,502

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 2,666,277
BC5191	FNMA	3.500	2,048,514	1,762,482
BC5179	FNMA	4.000	323,883	309,724
Subtotal			5,644,425	4,738,482
MBS Participation Interest (50.0010%)			2,822,269	2,369,289

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 894,843
BD7768	FNMA	3.000	3,350,804	3,115,106
BC4099	FNMA	3.500	3,002,514	2,387,317
BC5180	FNMA	3.500	137,186	131,100
BC9426	FNMA	3.500	182,077	173,853
BD5216	FNMA	3.500	3,670,214	3,495,023
BD7770	FNMA	3.500	3,826,556	3,057,298
BD2361	FNMA	4.000	1,021,873	975,598
Subtotal			16,126,618	14,230,137
MBS Participation Interest (17.5%)			2,822,158	2,490,274

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 4,299,177
B32197	FHLMC	3.000	282,833	269,677
BE0291	FNMA	3.000	5,134,247	4,361,367
BD5924	FNMA	3.500	363,030	188,295
Subtotal			11,114,610	9,118,516
MBS Participation Interest (20.055%)			2,229,035	1,828,718

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR0748	GNMA II	3.000 %	\$ 3,630,340	\$ 3,063,533
BC6965	FNMA	4.000	826,966	379,897
Subtotal			4,457,306	3,443,430
MBS Participation Interest (49.9914%)			2,228,270	1,721,419

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**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	\$ 3,200,233
AR0749	GNMA II	3.000	3,953,558	3,691,453
AR0650	GNMA II	3.500	4,534,923	3,832,840
AR0651	GNMA II	3.500	4,522,700	3,896,721
AR0652	GNMA I	3.500	1,242,123	826,035
AR0750	GNMA II	3.500	6,913,842	5,297,138
AR0751	GNMA II	3.500	6,741,319	5,472,699
AX5784	GNMA II	2.500	259,963.00	247,570
AT8392	GNMA II	3.000	14,213,412	12,121,153
AT8393	GNMA I	3.000	12,562,961	11,210,920
AT8285	GNMA II	3.500	137,602	131,587
BD5933	FNMA	3.500	1,759,859	1,687,017
BE1718	FNMA	3.500	2,575,271	2,333,854
BA0636	FNMA	4.000	274,452	156,029
Subtotal			63,569,307	54,105,250
MBS Participation Interest (50.0018%)			31,785,798	27,053,599

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 3,817,147
AR0754	GNMA I	3.500	1,654,732	1,525,974
BC4089	FNMA	4.000	1,338,492	1,194,910
Subtotal			7,633,958	6,538,030
MBS Participation Interest (50.005%)			3,817,361	3,269,342

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 6,813,129
BD5941	FNMA	3.000	1,656,405	1,591,902
BE6508	FNMA	3.000	8,329,390	7,545,321
BE6509	FNMA	3.500	4,266,225	3,689,075
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	19,639,427
MBS Participation Interest (17.3082%)			3,816,597	3,399,231
2016 ABC Total			\$ 73,607,749	\$ 60,885,302

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**2016 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>
AT8282	GNMA II	2.500 %	\$ 468,571	\$ 445,093
AT8391	GNMA II	2.500	496,079	388,557
AT7716	GNMA I	3.000	1,623,547	1,433,696
AX5785	GNMA II	3.000	4,466,933	3,841,503
AT8394	GNMA II	3.500	159,514	131,016
B32215	FHLMC	3.000	939,625	789,059
B32217	FHLMC	3.000	410,812	393,190
B32218	FHLMC	3.500	296,567	168,292
BD5932	FNMA	3.000	1,379,466	1,000,200
BE1717	FNMA	3.000	5,428,580	5,180,161
BE4461	FNMA	3.000	4,411,237	4,047,127
BA0630	FNMA	3.500	451,951	434,708
BA0633	FNMA	3.500	1,483,230	1,064,286
BD5219	FNMA	3.500	914,423	603,386
BA0634	FNMA	4.000	1,796,880	1,329,002
Subtotal			24,727,415	21,249,276

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5784	GNMA II	2.500 %	\$ 259,963	\$ 247,570
AT8392	GNMA II	3.000	14,213,412	12,121,153
AT8393	GNMA I	3.000	12,562,961	11,210,920
AT8285	GNMA II	3.500	137,602	131,587
BD5933	FNMA	3.500	1,759,859	1,687,017
BE1718	FNMA	3.500	2,575,271	2,333,854
BA0636	FNMA	4.000	274,452	156,029
AR0747	GNMA I	3.000	3,877,322	3,200,233
AR0749	GNMA II	3.000	3,953,558	3,691,453
AR0650	GNMA II	3.500	4,534,923	3,832,840
AR0651	GNMA II	3.500	4,522,700	3,896,721
AR0652	GNMA I	3.500	1,242,123	5,297,138
AR0750	GNMA II	3.500	6,913,842	5,472,699
AR0751	GNMA II	3.500	6,741,319	826,035
Subtotal			63,569,307	54,105,250
MBS Participation Interest (49.9982%)			31,783,509	27,051,651

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 2,761,426
Subtotal			3,392,549	2,761,426
MBS Participation Interest (50.005%)			1,696,444	1,380,851

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 6,813,129
BD5941	FNMA	3.000	1,656,405	1,591,902
BE6508	FNMA	3.000	8,329,390	7,545,321
BE6509	FNMA	3.500	4,266,225	3,689,075
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	19,639,427
MBS Participation Interest (7.6918%)			1,696,104	1,510,625

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 8,906,162
B32216	FHLMC	3.500	458,940	438,096
Subtotal			10,346,472	9,344,258
MBS Participation Interest (50%)			5,173,236	4,672,129

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5908	GNMA II	2.500 %	\$ 122,023	\$ 116,711
AT8149	GNMA II	3.000	322,685	309,332
AX5793	GNMA II	3.000	465,572	311,209
AX5986	GNMA I	3.000	3,732,410	3,423,964
AO9501	GNMA II	3.500	448,599	430,646
AT7498	GNMA II	3.500	92,943	89,262
AX5915	GNMA II	3.500	520,800	501,568
AX5989	GNMA II	3.500	4,873,647	4,528,777
AX5990	GNMA II	4.000	1,364,441	1,316,299
B32222	FHLMC	4.000	113,706	109,995
BE4720	FNMA	3.000	649,691	512,715
BE6512	FNMA	3.000	395,064	380,318
BE7856	FNMA	3.000	958,379	918,894
BE7857	FNMA	3.500	6,632,991	5,940,119
Subtotal			20,692,948	18,889,808
MBS Participation Interest (25.0%)			5,173,237	4,722,452

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 4,297,729
Subtotal			5,041,826	4,297,729
MBS Participation Interest (50.0%)			2,520,913	2,148,864

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 498,423
AX6116	GNMA II	3.000	1,707,090	1,285,848
AX6120	GNMA II	3.000	112,066	107,927
AX6206	GNMA II	3.000	212,943	204,972
AO9439	GNMA II	3.500	529,841	335,959
AX6119	GNMA II	4.000	892,247	860,169
AX6124	GNMA II	4.000	196,802	190,547
BE6511	FNMA	3.000	324,596	309,686
BH0318	FNMA	3.500	1,335,630	1,188,314
BE4726	FNMA	4.000	1,382,950	1,341,455
BE9284	FNMA	4.000	175,450	168,923
Subtotal			7,525,112	6,492,222
MBS Participation Interest (33.5%)			2,520,912	2,174,894

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 5,831,495
BD5937	FNMA	3.500	2,044,924	1,983,160
AX5786	GNMA II	3.000	4,961,391	4,379,622
AX5787	GNMA II	3.000	4,961,764	4,193,153
AX5788	GNMA I	3.000	6,156,959	5,205,527
BE4732	FNMA	3.000	98,583	95,527
BH2912	FNMA	4.000	2,974,665	2,898,020
AT8286	GNMA II	3.000	457,633	438,782
AX6515	GNMA II	3.500	5,492,465	5,065,389
AX6516	GNMA II	4.000	3,139,100	2,368,729
Subtotal			36,485,488	32,459,403
MBS Participation Interest (66.665%)			24,323,051	21,639,061
2016 DEF Total			<u>\$ 99,614,822</u>	<u>\$ 86,549,804</u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**2017 ABC**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BD7772	FNMA	3.000 %	\$ 196,706	\$ 190,410
BE0294	FNMA	3.000	179,604	173,866
BE4734	FNMA	3.000	148,729	144,325
BE7859	FNMA	3.000	468,577	450,648
BH2729	FNMA	3.000	383,724	370,652
BH4648	FNMA	3.000	126,200	122,024
BC4095	FNMA	3.500	438,704	414,795
BD5939	FNMA	3.500	159,402	154,703
BE0295	FNMA	3.500	119,348	115,620
BE4733	FNMA	3.500	328,824	319,715
BE4735	FNMA	3.500	537,739	523,693
BH2730	FNMA	3.500	1,254,329	1,212,975
BH4649	FNMA	3.500	1,004,240	969,841
BH2737	FNMA	4.000	456,858	291,634
BH2734	FNMA	4.500	174,246	169,668
BH4654	FNMA	4.500	516,158	503,156
AT8152	GNMA II	3.000	270,196	260,496
AX5912	GNMA II	3.000	682,872	658,469
AR0758	GNMA II	3.500	638,048	615,290
AR0759	GNMA II	3.500	584,144	565,043
AT7611	GNMA II	3.500	152,881	147,743
AX5916	GNMA II	3.500	376,517	330,766
AX5993	GNMA II	3.500	468,901	453,124
AX6123	GNMA II	3.500	526,494	122,012
AX6518	GNMA II	3.500	640,271	620,616
Subtotal			10,833,711	9,901,281

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 95,527
BH2912	FNMA	4.000	2,974,665	2,898,020
AT8286	GNMA II	3.000	457,633	438,782
AX6515	GNMA II	3.500	5,492,465	5,065,389
AX6516	GNMA II	4.000	3,139,100	2,368,729
BE4462	FNMA	3.000	6,198,005	5,831,495
BD5937	FNMA	3.500	2,044,924	1,983,160
AX5786	GNMA II	3.000	4,961,391	4,379,622
AX5787	GNMA II	3.000	4,961,764	4,193,153
AX5788	GNMA I	3.000	6,156,959	5,205,527
Subtotal			36,485,488	32,459,403
MBS Participation Interest (33.335%)			12,162,438	10,820,342

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 2,239,522
Subtotal			2,290,805	2,239,522
MBS Participation Interest (50.0%)			1,145,402	1,119,761

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 207,019
BJ1725	FNMA	4.000	1,937,075	1,894,684
AX6604	GNMA II	3.500	494,913	482,899
BB3327	GNMA I	3.500	307,537	299,945
AX6520	GNMA II	4.000	150,638	-
AX6606	GNMA II	4.000	296,337	288,853
BB3326	GNMA II	4.000	249,619	243,827
BB3453	GNMA II	4.000	168,827	164,790
Subtotal			3,818,006	3,582,017
MBS Participation Interest (30.0%)			1,145,402	1,074,605

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 1,181,953
BH2735	FNMA	3.500	162,620	159,112
BH2910	FNMA	3.500	1,192,918	1,168,137
BE4736	FNMA	4.000	1,280,154	1,251,802
BH2731	FNMA	4.000	2,206,844	2,070,129
BH2732	FNMA	4.000	1,747,479	1,710,909
BH2733	FNMA	4.000	2,772,975	2,693,557
BH4650	FNMA	4.000	1,113,794	989,784
BH4651	FNMA	4.000	2,228,404	2,178,791
BH4652	FNMA	4.000	2,104,727	2,010,551
BH4653	FNMA	4.000	2,290,937	2,072,896
AX6514	GNMA I	3.500	6,265,164	5,473,700
AX6602	GNMA I	3.500	8,203,751	7,015,605
AX6513	GNMA II	4.000	2,562,616	2,151,119
B32270	FHLMC	3.500	786,874	766,109
BJ2867	FNMA	3.500	5,875,027	5,737,126
BJ5391	FNMA	3.500	4,028,730	3,940,431
BJ2871	FNMA	4.000	2,285,270	2,235,283
BJ5218	FNMA	4.000	163,639	160,226
BJ5393	FNMA	4.000	2,890,359	2,568,744
BJ5395	FNMA	4.000	3,265,054	3,197,940

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 572,247
BB3794	GNMA II	3.500	3,071,434	2,855,237
BB3795	GNMA II	3.500	5,412,470	4,627,867
BB3796	GNMA II	3.500	4,094,272	3,995,915
BB3798	GNMA II	3.500	2,880,351	2,813,077
Subtotal			70,678,208	65,598,246
MBS Participation Interest (50.000%)			35,339,104	32,799,123
2017 ABC Total			\$ 60,626,057	\$ 55,715,112

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 160,535
B32261	FHLMC	3.500	375,301	367,411
BJ0401	FNMA	3.500	548,771	537,915
BJ5388	FNMA	3.500	1,098,490	1,028,546
BB3874	GNMA II	3.500	5,030,356	4,745,500
BB3875	GNMA II	3.500	4,783,103	4,506,866
BB3876	GNMA II	3.500	5,004,487	4,739,374
BB3877	GNMA II	3.500	4,889,444	4,451,844
BB3878	GNMA II	3.500	4,983,334	4,865,484
BB3880	GNMA II	3.500	5,393,045	5,138,828
BB3879	GNMA II	3.500	4,962,312	4,502,262
Subtotal			37,232,746	35,044,564

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32270	FHLMC	3.500 %	\$ 786,874	\$ 766,109
BJ2867	FNMA	3.500	5,875,027	5,737,126
BJ5391	FNMA	3.500	4,028,730	3,940,431
BJ2871	FNMA	4.000	2,285,270	2,235,283
BJ5218	FNMA	4.000	163,639	160,226
BJ5393	FNMA	4.000	2,890,359	2,568,744
BJ5395	FNMA	4.000	3,265,054	3,197,940
AX6212	GNMA II	3.500	585,625	572,247
BB3794	GNMA II	3.500	3,071,434	2,855,237
BB3795	GNMA II	3.500	5,412,470	4,627,867
BB3796	GNMA II	3.500	4,094,272	3,995,915
BB3798	GNMA II	3.500	2,880,351	2,813,077
Q48789	FHLMC	4.000	1,206,720	1,181,953
BH2735	FNMA	3.500	162,620	159,112
BH2910	FNMA	3.500	1,192,918	1,168,137
BE4736	FNMA	4.000	1,280,154	1,251,802
BH2731	FNMA	4.000	2,206,844	2,070,129
BH2732	FNMA	4.000	1,747,479	1,710,909
BH2733	FNMA	4.000	2,772,975	2,693,557
BH4650	FNMA	4.000	1,113,794	989,784
BH4651	FNMA	4.000	2,228,404	2,178,791
BH4652	FNMA	4.000	2,104,727	2,010,551
BH4653	FNMA	4.000	2,290,937	2,072,896

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 5,473,700
AX6602	GNMA I	3.500	8,203,751	7,015,605
AX6513	GNMA II	4.000	2,562,616	2,151,119
Subtotal			70,678,208	65,598,246
MBS Participation Interest (50.000%)			35,339,104	32,799,123

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
BB4116	GNMA II	3.500 %	\$ 4,179,316	\$ 4,098,891
BB4114	GNMA I	3.500	4,430,199	4,341,763
BB4115	GNMA I	3.500	1,285,872	1,260,834
B32294	FHLMC	3.500	889,653	812,195
B32295	FHLMC	4.000	72,364	71,050
BH8427	FNMA	3.500	610,540	593,602
BJ5221	FNMA	3.500	1,988,298	1,954,707
BJ5399	FNMA	3.500	456,440	447,912
BJ8207	FNMA	3.500	1,044,791	1,024,200
BK0989	FNMA	3.500	3,778,347	3,708,876
BK0990	FNMA	3.500	2,084,193	2,044,961
BK0991	FNMA	3.500	3,567,149	3,304,210
Subtotal			24,387,161	23,663,201
MBS Participation Interest (25.0%)			6,096,790	5,915,800

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 1,953,356
BJ2869	FNMA	3.500	2,726,869	2,490,220
BJ2873	FNMA	4.000	2,391,919	2,347,484
BJ5214	FNMA	3.500	1,105,052	1,081,703
BB3797	GNMA II	3.500	3,868,517	3,525,218
Subtotal			12,193,585	11,397,981
MBS Participation Interest (50.000%)			6,096,793	5,698,990

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
B32303	FHLMC	4.000 %	\$ 460,421	\$ 452,831
BH8343	FNMA	4.000	534,213	525,921
BJ5401	FNMA	4.000	150,788	147,877
BF2379	GNMA II	3.500	3,368,038	3,312,301
BF2380	GNMA II	4.000	2,882,352	2,837,261
BF2172	GNMA I	3.500	2,167,549	2,131,988
BF2377	GNMA I	3.500	1,338,753	1,308,988
Subtotal			10,902,114	10,717,169
MBS Participation Interest (30.000%)			3,270,634	3,215,151

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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>
BJ0414	FNMA	3.500 %	\$ 2,277,814	\$ 2,231,389
BJ5216	FNMA	3.500	2,318,723	2,271,757
BJ5389	FNMA	3.500	1,982,976	1,928,177
Subtotal			6,579,513	6,431,323
MBS Participation Interest (50.000%)			3,289,756	3,215,661

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 544,185
BK3342	FNMA	4.000	308,085	304,794
BK1671	FNMA	4.000	291,810	288,364
BK3337	FNMA	4.000	1,305,698	1,291,567
BK3338	FNMA	4.000	2,205,603	2,180,325
BK3339	FNMA	4.000	1,055,529	1,043,203
BK4075	FNMA	4.000	1,272,248	1,108,525
BK4077	FNMA	4.000	1,089,471	1,076,910
BK5110	FNMA	4.000	2,136,660	2,111,030
BK6996	FNMA	4.000	1,260,717	1,245,672
BK6997	FNMA	4.000	2,301,801	2,273,797
BK7000	FNMA	4.500	2,319,415	2,293,205
BK7001	FNMA	4.500	2,408,804	2,382,771
B32321	FHLMC	4.000	154,310	152,516
B32316	FHLMC	4.000	597,634	590,536
Q56821	FHLMC	4.500	1,257,783	1,243,340
BB3331	GNMA II	3.500	535,471	528,051
BB3803	GNMA II	3.500	625,020	419,934
BB4033	GNMA II	3.500	304,304	299,724
BB4119	GNMA II	3.500	575,626	568,019

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 319,544
BF2612	GNMA II	3.500	162,282	159,356
BF2614	GNMA II	4.000	4,711,173	4,647,536
BF2621	GNMA II	4.000	561,626	554,967
BF2491	GNMA II	4.500	2,569,139	2,376,536
BF2616	GNMA II	4.500	2,348,038	2,320,596
BF2618	GNMA II	4.500	2,087,298	2,061,673
Subtotal			35,543,650	34,386,677
MBS Participation Interest (40.000%)			14,217,460	13,754,671

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 1,634,154
BJ0415	FNMA	3.500	1,364,693	1,338,071
BJ2868	FNMA	3.500	2,138,695	1,759,679
BJ2870	FNMA	3.500	1,241,724	1,214,864
BJ2874	FNMA	4.000	1,172,230	1,148,589
BJ5215	FNMA	3.500	1,139,105	954,396
BJ5217	FNMA	3.500	1,195,322	1,172,020
BJ5390	FNMA	3.500	2,607,621	2,549,824
BJ5392	FNMA	3.500	1,378,345	1,348,372
BJ5394	FNMA	4.000	1,943,975	1,903,506
BB3791	GNMA I	3.500	3,586,872	3,376,991
BB3792	GNMA I	3.500	4,373,543	4,268,710
BB3793	GNMA I	3.500	4,874,109	4,652,469
Subtotal			28,684,820	27,321,645
MBS Participation Interest (50.000%)			14,342,410	13,660,822
2017 DEF Total			\$ 119,885,693	\$ 113,304,783

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**2018 ABCD**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32314	FHLMC	3.500 %	\$ 163,459	\$ 161,387
B32315	FHLMC	4.500	142,087	140,326
B32320	FHLMC	4.000	116,088	114,769
B32322	FHLMC	4.500	248,252	245,591
B32328	FHLMC	4.000	554,503	548,246
BE4728	FNMA	4.000	369,322	364,840
BJ0400	FNMA	3.500	459,057	453,543
BJ0402	FNMA	3.500	434,785	429,577
BJ2876	FNMA	3.500	339,985	335,611
BJ8219	FNMA	4.000	448,968	443,392
BK0996	FNMA	3.500	446,957	441,195
BK0997	FNMA	3.500	525,586	518,305
BK0998	FNMA	3.500	699,765	690,939
BK1670	FNMA	3.500	413,986	407,002
BK3333	FNMA	3.500	895,167	884,532
BK3335	FNMA	3.500	1,020,628	1,008,719
BK3336	FNMA	4.000	1,034,111	1,022,383
BK3340	FNMA	4.500	355,128	351,513
BK3341	FNMA	3.500	207,161	204,698
BK4073	FNMA	3.500	480,683	474,417
BK4074	FNMA	4.000	2,014,715	1,807,656
BK4076	FNMA	4.000	1,974,594	1,951,119
BK4078	FNMA	4.500	1,394,390	1,378,939
BK4079	FNMA	4.500	2,074,399	2,049,324
BK5108	FNMA	4.000	1,855,353	1,815,493
BK5109	FNMA	4.000	1,313,057	975,731

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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	\$ 658,259
BK5112	FNMA	4.500	2,664,598	2,518,837
BK5113	FNMA	4.500	3,026,982	2,991,358
BK5114	FNMA	4.500	1,010,895	999,823
BK5117	FNMA	4.500	120,772	119,426
BK6998	FNMA	4.000	824,373	815,015
BK6999	FNMA	4.500	2,960,454	2,922,300
BK7002	FNMA	4.500	1,564,581	1,547,566
AX6211	GNMA II	3.500	443,193	436,877
BB3332	GNMA II	4.000	324,852	180,335
BB3459	GNMA II	3.500	527,574	519,648
BB3594	GNMA II	3.500	472,914	466,273
BB3595	GNMA II	3.500	395,486	389,929
BB3690	GNMA II	3.500	471,395	464,782
BB3800	GNMA II	3.500	361,608	220,164
BB4034	GNMA II	3.500	461,262	268,938
BB4035	GNMA II	3.500	550,625	542,979
BB4120	GNMA II	3.500	427,259	321,403
BB4121	GNMA II	3.500	514,224	507,351
BB4122	GNMA II	3.500	404,126	398,668
BF2178	GNMA II	3.500	437,746	431,397
BF2179	GNMA II	3.500	492,962	486,045
BF2182	GNMA II	3.500	175,760	173,505
BF2487	GNMA II	3.500	1,599,788	1,578,419
BF2490	GNMA II	4.000	1,726,633	1,705,006

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 2019**



**2018 ABCD, 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>
BF2495	GNMA II	4.500	195,365	193,119
BF2933	GNMA II	3.500	102,949	101,590
BF2938	GNMA II	4.500	3,553,501	3,513,813
BF2170	GNMA I	3.500	3,185,013	3,141,972
Subtotal			49,644,950	47,834,045

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
B32316	FHLMC	4.000 %	\$ 597,634	\$ 590,536
B32321	FHLMC	4.000	154,310	152,516
Q56821	FHLMC	4.500	1,257,783	1,243,340
BJ0410	FNMA	3.500	550,689	544,185
BK1671	FNMA	4.000	291,810	288,364
BK3337	FNMA	4.000	1,305,698	1,291,567
BK3338	FNMA	4.000	2,205,603	2,180,325
BK3339	FNMA	4.000	1,055,529	1,043,203
BK3342	FNMA	4.000	308,085	304,794
BK4075	FNMA	4.000	1,272,248	1,108,525
BK4077	FNMA	4.000	1,089,471	1,076,910
BK5110	FNMA	4.000	2,136,660	2,111,030
BK6996	FNMA	4.000	1,260,717	1,245,672
BK6997	FNMA	4.000	2,301,801	2,273,797
BK7000	FNMA	4.500	2,319,415	2,293,205
BK7001	FNMA	4.500	2,408,804	2,382,771
BB3331	GNMA II	3.500	535,471	528,051
BB3803	GNMA II	3.500	625,020	419,934
BB4033	GNMA II	3.500	304,304	299,724
BB4119	GNMA II	3.500	575,626	568,019
BF2384	GNMA II	3.500	547,416	319,544
BF2491	GNMA II	4.500	2,569,139	2,376,536
BF2612	GNMA II	3.500	162,282	159,356

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
BF2616	GNMA II	4.500 %	\$ 2,348,038	\$ 2,320,596
BF2618	GNMA II	4.500	2,087,298	2,061,673
BF2614	GNMA II	4.000	4,711,173	4,647,536
BF2621	GNMA II	4.000	561,626	554,967
Subtotal			35,543,650	34,386,677
MBS Participation Interest (60.000%)			21,326,190	20,632,006

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
BJ0413	FNMA	3.500 %	\$ 1,654,698	\$ 1,634,154
BJ0415	FNMA	3.500	1,354,162	1,338,071
BJ2868	FNMA	3.500	2,119,623	1,759,679
BJ2870	FNMA	3.500	1,231,254	1,214,864
BJ2874	FNMA	4.000	1,162,942	1,148,589
BJ5215	FNMA	3.500	1,129,624	954,396
BJ5217	FNMA	3.500	1,186,168	1,172,020
BJ5390	FNMA	3.500	2,584,435	2,549,824
BJ5392	FNMA	3.500	1,366,560	1,348,372
BJ5394	FNMA	4.000	1,927,501	1,903,506
BB3791	GNMA I	3.500	3,554,670	3,376,991
BB3792	GNMA I	3.500	4,333,087	4,268,710
BB3793	GNMA I	3.500	4,830,196	4,652,469
Subtotal			28,434,918	27,321,645
MBS Participation Interest (50.000%)			14,217,459	13,660,822

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
BK8043	FNMA	5.000 %	\$ 420,043	\$ 181,462
BK8048	FNMA	5.000	154,823	153,586
BK8980	FNMA	4.500	1,466,705	1,455,412
BF2622	GNMA II	4.000	452,287	447,962
BF2624	GNMA II	4.500	534,479	529,740
BF2939	GNMA II	4.000	491,314	486,673
BF3050	GNMA II	4.500	1,341,407	1,329,425
Subtotal			4,861,057	4,584,260
MBS Participation Interest (23.8%)			1,156,932	1,091,054

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 2,856,895
Subtotal			2,892,334	2,856,895
MBS Participation Interest (60.000%)			1,735,400	1,714,137

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
B32327	FHLMC	4.500 %	\$ 221,504	\$ 220,094
B32350	FHLMC	5.000	336,447	334,556
B32362	FHLMC	5.000	203,253	202,118
BK8971	FNMA	4.500	420,812	417,975
BK8972	FNMA	4.500	527,447	524,081
BK9342	FNMA	4.500	507,214	504,269
BN0265	FNMA	5.000	930,657	925,391
Subtotal			3,147,332	3,128,483
MBS Participation Interest (24.9962%)			786,713	782,002

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 1,817,012
Subtotal			1,966,784	1,817,012
MBS Participation Interest (60.000%)			1,180,070	1,090,207

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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)

<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>
BB3882	GNMA	3.500 %	\$ 2,433,820	\$ 2,139,074
BF3126	GNMA II	4.000	1,969,609	1,961,717
BI5933	GNMA II	4.000	5,053,923	5,033,542
BI6182	GNMA II	4.000	3,449,985	3,433,386
BI6183	GNMA II	4.000	3,382,053	3,368,746
BI6070	GNMA II	4.500	5,213,371	5,192,549
BI6184	GNMA II	4.500	3,474,491	3,460,477
BI6185	GNMA II	4.500	4,381,919	4,364,397
BI6186	GNMA II	4.500	5,013,250	4,992,468
Subtotal			34,372,422	33,946,358
MBS Participation Interest (39.9976%)			13,748,144	13,577,728

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 999,719
BF2171	GNMA	3.500	29.5335	1,788,664	1,779,538
BF2378	GNMA	3.500	29.5335	4,114,255	4,095,334
BF2493	GNMA II	4.000	25.5425	616,883	614,391
BF2615	GNMA II	4.000	25.5425	3,662,418	3,647,596
BF2934	GNMA II	4.000	25.5425	4,891,882	4,869,345
BF2935	GNMA II	4.000	25.5425	6,042,297	5,742,839
BF2617	GNMA II	4.500	24.2974	3,369,519	3,356,484
BF2936	GNMA II	4.500	24.2227	4,492,876	4,352,430
BF2937	GNMA II	4.500	24.5703	4,387,315	4,370,258
Subtotal				34,370,453	33,827,934
MBS Participation Interest (60.000%)				20,622,272	20,296,761
2018 ABCD Total				<u>\$ 124,418,130</u>	<u>\$ 120,678,762</u>

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**2018 EFGH**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ1726	FNMA	3.500 %	\$ 315,572	\$ 314,165
BJ5397	FNMA	3.500	433,588	430,359
BJ5398	FNMA	3.500	445,687	443,634
BJ8217	FNMA	3.500	506,477	501,852
BJ5233	FNMA	3.500	149,889	149,294
BK4081	FNMA	4.000	256,835	255,812
BK4080	FNMA	4.000	381,469	379,901
BK7003	FNMA	4.000	505,809	503,682
BK8963	FNMA	4.000	4,291,720	4,275,861
BK8037	FNMA	4.000	1,000,675	996,708
BK9990	FNMA	4.000	149,776	149,253
BK9992	FNMA	4.000	154,145	153,606
BN0259	FNMA	4.000	245,655	244,716
BK8044	FNMA	4.500	457,447	455,764
BK7005	FNMA	4.500	204,837	204,060
BK8046	FNMA	4.500	565,390	563,318
BK9339	FNMA	4.500	437,996	436,364
BK9341	FNMA	4.500	502,441	500,649
BK9994	FNMA	4.500	1,646,268	1,639,635
BK9997	FNMA	4.500	127,747	127,326
BN0264	FNMA	4.500	5,484,630	5,464,308
Q58620	FHLMC	4.500	1,178,359	1,173,282
Q58602	FHLMC	4.500	1,111,370	1,107,364
Q58603	FHLMC	4.500	1,063,623	1,059,734
BN0268	FNMA	4.500	398,255	396,878
BN0269	FNMA	4.500	347,438	346,235

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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	\$ 1,376,480
BN0000	FNMA	4.500	1,953,327	1,945,585
BN0001	FNMA	4.500	4,323,173	4,308,384
BN1399	FNMA	4.500	1,484,027	1,478,486
BN1817	FNMA	4.500	3,769,726	3,753,762
BN1818	FNMA	4.500	3,545,557	3,531,582
BN1819	FNMA	4.500	4,488,989	4,472,117
BN1820	FNMA	4.500	6,659,459	6,634,644
BN1822	FNMA	4.500	487,649	485,849
BN0005	FNMA	4.500	1,789,381	1,782,289
BN0006	FNMA	4.500	3,414,186	3,402,010
BN0007	FNMA	4.500	1,839,371	1,833,217
BN0008	FNMA	4.500	5,328,966	5,311,203
BN2703	FNMA	4.500	1,643,668	1,635,315
BN2704	FNMA	4.500	5,511,401	5,486,567
BN2705	FNMA	4.500	5,199,577	5,177,707
BN2706	FNMA	4.500	5,801,866	5,780,675
BN2707	FNMA	4.500	3,956,248	3,941,135
BN2708	FNMA	4.500	3,782,211	3,768,604
Q59693	FHLMC	4.500	1,055,496	1,051,625
Q59698	FHLMC	4.500	1,623,029	1,617,217
BN0270	FNMA	5.000	152,724	152,208
BN1821	FNMA	5.000	858,456	855,256
B32379	FHLMC	5.000	499,974	498,257
BN2709	FNMA	5.000	1,116,372	1,112,659

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 2019**



**2018 EFGH, continued**

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN2710	FNMA	5.000 %	\$ 1,550,673	\$ 1,545,491
B32393	FHLMC	5.000	180,589	179,968
B32364	FHLMC	4.500	460,803	458,987
BB3454	GNMA II	3.500	335,283	333,724
BB3460	GNMA II	3.500	505,269	502,941
BB3801	GNMA II	3.500	451,312	449,145
BB3802	GNMA II	3.500	429,691	427,662
BF2383	GNMA II	3.500	466,053	461,498
BF2385	GNMA II	4.000	563,784	561,293
BI6065	GNMA II	4.000	2,544,854	2,534,631
BI6066	GNMA II	4.000	5,879,906	5,855,663
BF2623	GNMA II	4.500	463,185	461,179
BF3057	GNMA II	4.500	420,914	419,264
BF3059	GNMA II	4.500	479,902	476,874
BI6069	GNMA II	4.500	4,157,487	4,141,173
BI6293	GNMA II	4.000	3,463,322	3,449,426
Subtotal			116,381,975	115,925,516

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Purchased with Bond Proceeds  
Information as of March 31, 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	\$ 2,139,074
BF3126	GNMA II	4.000	1,969,609	1,961,717
BI5933	GNMA II	4.000	5,053,923	5,033,542
BI6182	GNMA II	4.000	3,449,985	3,433,386
BI6183	GNMA II	4.000	3,382,053	3,368,746
BI6070	GNMA II	4.500	5,213,371	5,192,549
BI6184	GNMA II	4.500	3,474,491	3,460,477
BI6185	GNMA II	4.500	4,381,919	4,364,397
BI6186	GNMA II	4.500	5,013,250	4,992,468
Subtotal			34,372,422	33,946,358
MBS Participation Interest (60.0024%)			20,624,278	20,368,629

**Residential Housing Finance Bond Resolution**  
**Mortgage-Backed Securities Purchased with Bond Proceeds**  
**Information as of March 31, 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	\$ 999,719
BF2171	GNMA	3.500	70.4665	1,788,664	1,779,538
BF2378	GNMA	3.500	70.4665	4,114,255	4,095,334
BF2493	GNMA II	4.000	74.4575	616,883	614,391
BF2615	GNMA II	4.000	74.4575	3,662,418	3,647,596
BF2934	GNMA II	4.000	74.4575	4,891,882	4,869,345
BF2935	GNMA II	4.000	74.4575	6,042,297	5,742,839
BF2617	GNMA II	4.500	75.7026	3,369,519	3,356,484
BF2936	GNMA II	4.500	75.7773	4,492,876	4,352,430
BF2937	GNMA II	4.500	75.4297	4,387,315	4,370,258
Subtotal				34,370,453	33,827,934
MBS Participation Interest (40.000%)				13,748,181	13,531,174
2018 EFGH Total				\$ 150,754,434	\$ 149,825,319

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgage Insurance  
Information as of March 31, 2019**



Series	FHA	VA	Rural Development	MGIC	Genworth	Other Private Mortgage Insurers*	Uninsured	Total
Retired	\$ 1,759,201	\$ 25,736	\$ 357,012	\$ -	\$ -	\$ -	\$ 335,193	\$ 2,477,142
06LMN	44,418	-	-	172,402	245,314	-	364,058	826,192
07M	1,079,812	90,203	1,605,348	2,127,127	1,778,472	1,190,603	1,495,741	9,367,306
07M-40 Year	-	-	-	2,416,651	398,464	770,317	286,730	3,872,162
09DEF	22,458,480	295,437	3,928,012	144,461	27,118	81,161	4,406,411	31,341,080
12ABCD	15,664,398	528,923	7,346,449	310,812	224,308	253,875	6,625,365	30,954,130
13ABC	5,532,320	333,871	3,730,628	521,509	105,343	324,506	5,544,242	16,092,419
14A	3,251,261	244,042	1,343,452	12,514	50,126	51,079	1,507,088	6,459,562
14B	4,351,489	141,508	1,247,637	138,030	20,894	37,729	1,267,850	7,205,137
14CDE	17,682,174	1,223,174	16,636,593	4,594,489	247,109	1,929,531	32,403,292	74,716,362
15ABCD	4,732,737	200,977	4,477,275	1,632,653	891,851	1,121,015	12,105,677	25,162,185
15ABCD-40 Year	-	-	-	421,405	-	894,066	176,447	1,491,918
15EFG	7,736,054	475,128	11,723,663	4,433,096	2,193,461	2,093,581	17,117,018	45,772,001
15EFG-40 Year	-	-	-	3,212,369	1,016,233	2,337,685	1,431,369	7,997,656
16ABC	2,587,452	456,439	5,226,109	7,697,261	5,084,528	2,899,385	6,105,065	30,056,239
16ABC-40 Year	-	-	-	6,006,859	1,664,749	3,327,472	2,039,523	13,038,603
16DEF	3,893,388	334,533	3,098,255	3,238,311	2,722,198	1,773,607	2,551,950	17,612,242
16DEF-40 Year	-	-	-	3,599,708	593,529	1,147,422	427,096	5,767,755
17ABC	13,548,128	156,537	6,832,023	3,379,643	912,054	1,914,718	6,066,004	32,809,107
17ABC-40 Year	-	-	-	3,794,442	1,685,975	2,005,228	2,356,553	9,842,198
17DEF	7,497,380	-	3,961,468	503,479	37,544	309,997	3,830,163	16,140,031
17DEF-40 Year	-	-	-	2,319,050	392,389	1,011,491	1,427,574	5,150,504
18ABCD	7,235,123	118,243	4,793,418	-	13,784	-	4,949,840	17,110,408
<b>Total Bond Financed</b>	<b>\$ 119,053,815</b>	<b>\$ 4,624,751</b>	<b>\$ 76,307,342</b>	<b>\$ 50,676,271</b>	<b>\$ 20,305,443</b>	<b>\$ 25,474,468</b>	<b>\$ 114,820,249</b>	<b>\$ 411,262,339</b>
	28.95%	1.13%	18.55%	12.32%	4.94%	6.19%	27.92%	100.00%

Republic 3.18%, United 1.38%, PMI .94%, Radian Guarantee Fund 0.39%, Commonwealth 0.17%, Triad 0.11%, Amerin 0.02%

**Residential Housing Finance Bond Resolution**  
**Whole Loan Mortgages Delinquency and Foreclosure Statistics**  
**Information as of March 31, 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 <sup>(1)</sup>		Total <sup>(2)</sup>
			#	%	#	%	#	%	#	%	%
Retired	51.0	\$2,477,142	12.0	23.53	2.0	3.92	4.0	7.84	3.0	5.88	17.65
06LMN	7.0	826,192	-	-	-	-	1.0	14.29	1.0	14.29	28.57
07M	101.9	9,367,306	2.8	2.75	1.0	0.98	0.8	0.79	5.0	4.91	6.67
07M-40 Yr	27.4	3,872,162	1.2	4.38	0.4	1.46	-	-	0.8	2.92	4.38
09DEF	557.0	31,341,080	39.5	7.09	8.0	1.44	4.5	0.81	13.5	2.42	4.67
12ABCD	625.0	30,954,130	35.5	5.68	8.0	1.28	6.0	0.96	15.0	2.40	4.64
13ABC	323.5	16,092,419	20.0	6.18	8.0	2.47	-	-	3.0	0.93	3.40
14A	212.0	6,459,562	4.0	1.89	-	-	-	-	4.0	1.89	1.89
14B	229.0	7,205,137	5.0	2.18	1.0	0.44	2.0	0.87	4.0	1.75	3.06
14CDE	914.0	74,716,362	35.5	3.88	18.0	1.97	8.5	0.93	10.0	1.09	3.99
15ABCD	286.0	25,162,185	22.0	7.69	3.0	1.05	6.0	2.10	10.0	3.50	6.64
15ABCD-40 Year	10.0	1,491,918	2.0	20.00	1.0	10.00	-	-	-	-	10.00
15EFG	569.0	45,772,001	25.5	4.48	8.0	1.41	0.5	0.09	13.5	2.37	3.87
15EFG-40 Year	55.0	7,997,656	-	-	1.0	1.82	-	-	2.0	3.64	5.45
16ABC	328.0	30,056,239	20.5	6.25	3.5	1.07	-	-	13.0	3.96	5.03
16ABC-40 Year	93.0	13,038,603	3.0	3.23	-	-	-	-	4.0	4.30	4.30
16DEF	280.6	17,612,242	12.2	4.35	2.5	0.89	1.2	0.43	8.5	3.03	4.35
16DEF-40 Year	40.6	5,767,755	1.8	4.43	0.6	1.48	-	-	1.2	2.96	4.43
17ABC	397.5	32,809,107	27.5	6.92	4.0	1.01	3.5	0.88	17.5	4.40	6.29
17ABC-40 Year	82.0	9,842,198	5.0	6.10	2.0	2.44	-	-	2.0	2.44	4.88
17DEF	188.0	16,140,031	6.0	3.19	3.0	1.60	2.0	1.06	6.0	3.19	5.85
17DEF-40 Year	42.0	5,150,504	4.0	9.52	1.0	2.38	-	-	-	-	2.38
18ABCD	286.5	17,110,408	12.0	4.19	3.0	1.05	1.0	0.35	5.0	1.75	3.14
<b>Total Bond Financed</b>	<b>5,706.0</b>	<b>\$ 411,262,339</b>	<b>297.0</b>	<b>5.21</b>	<b>79.0</b>	<b>1.38</b>	<b>41.0</b>	<b>0.72</b>	<b>142.0</b>	<b>2.49</b>	<b>4.59</b>

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 March 31, 2019**

continued from page G-1.

<u>Comparative 60+ Day Delinquency Statistics<sup>(1)</sup></u>	<u>At 12/31/2018</u>	<u>At 3/31/2019</u>
Residential Housing Finance Bond Resolution Loan Portfolio	3.40%	3.24%
Mortgage Bankers Association of America, Minnesota <sup>(2)</sup>	1.28%	not yet available
Mortgage Bankers Association of America, National <sup>(2)</sup>	2.00%	not yet available

  

<u>Comparative Foreclosure Statistics<sup>(3)</sup></u>	<u>At 12/31/2018</u>	<u>At 3/31/2019</u>
Residential Housing Finance Bond Resolution Loan Portfolio	1.26%	0.90%
Mortgage Bankers Association of America, Minnesota <sup>(2)</sup>	0.45%	not yet available
Mortgage Bankers Association of America, National <sup>(2)</sup>	0.91%	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 12/31/2018 Mortgage Bankers Association of America average 60+ days delinquency rate is 1.19% Minnesota and 2.34% national. The unadjusted 12/31/2018 Mortgage Bankers Association of America foreclosure rate is 0.29% Minnesota and 0.76% 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 March 31, 2019**



Series	Real Estate Owned*				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
12ABCD	1.0	41,324	41,324	(15,028)	(15,028)
13ABC	2.0	212,450	106,225	232,703	116,352
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	113,409	113,409	127,432	127,432
<b>Total</b>	<b>6.0</b>	<b>\$ 549,361</b>	<b>\$ 91,560</b>	<b>\$ 547,168</b>	<b>\$ 91,195</b>

\*MHFA holds title - property is not sold.

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages Insurance Claims Activity  
Information as of March 31, 2019**



REO Pending Claims* PMI						
Bond Financed	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due	
Retired	1.0	\$ 70,218	\$ 70,218	\$ 33,530	\$ 33,530	
07M	0.8	59,477	74,346	8,161	10,201	
09DEF	1.5	66,973	44,649	30,731	20,487	
12ABCD	2.0	135,936	67,968	150,493	75,247	
14CDE	10.0	726,149	72,615	722,293	72,229	
15ABCD	2.0	192,431	96,216	81,482	40,741	
15EFG	3.5	191,144	54,613	208,340	59,526	
16ABC	1.5	148,333	98,889	164,187	109,458	
16DEF	1.2	88,594	73,828	12,156	10,130	
17ABC	0.5	30,221	60,442	7,197	14,394	
Total	<u>24.0</u>	<u>\$ 1,709,476</u>	\$ 71,228	<u>\$ 1,418,570</u>	\$ 59,107	

\*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 March 31, 2019**



Series	FHA/VA Mortgage Insurance/VA Guaranty Pending Claims *				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	3.0	\$ 271,880	\$ 90,627	123,900	\$ 41,300
09DEF	4.0	197,650	49,413	93,931	23,483
12ABCD	6.0	265,828	44,305	90,937	15,156
13ABC	1.0	40,566	40,566	43,023	43,023
14A	1.0	47,891	47,891	52,449	52,449
14CDE	1.0	74,557	74,557	3,520	3,520
15ABCD	1.0	50,124	50,124	55,353	55,353
15EFG	1.0	67,792	67,792	73,446	73,446
16ABC	1.0	98,211	98,211	107,170	107,170
16DEF	1.0	81,268	81,268	277	277
17ABC	2.0	135,708	67,854	151,608	75,804
Total	<u>22.0</u>	<u>\$ 1,331,475</u>	<u>\$ 60,522</u>	<u>\$ 795,614</u>	<u>\$ 36,164</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 March 31, 2019**



Series	Completed Claims (1)				
	No. of Prop.	Loan Balance (2)	Average Balance	Gain (Loss)	Average Gain (Loss)
Bond Financed:					
RHFB Retired	3,326.7	\$ 400,859,338	\$ 120,498	(80,188,344)	\$ (24,104)
RHFB 06LMN	55.0	6,338,927	115,253	(1,652,778)	(30,051)
RHFB 07M	99.0	12,548,096	126,748	(3,011,667)	(30,421)
RHFB 07M-40 Year	34.4	5,506,959	160,086	(1,523,918)	(44,300)
RHFB 09DEF	146.5	13,722,282	93,667	(106,931)	(730)
RHFB 2012ABCD	111.0	7,867,442	70,878	(1,014,341)	(9,138)
RHFB 2013ABC	44.5	3,178,738	71,432	(389,411)	(8,751)
RHFB 2014A	2.0	129,035	64,518	(84)	(42)
RHFB 2014B	5.0	302,517	60,503	(1,396)	(279)
RHFB 2014CDE	69.5	6,973,506	100,338	(932,195)	(13,413)
RHFB 2015ABCD	30.5	3,004,344	98,503	(379,823)	(12,453)
RHFB 2015ABCD-40 Year	2.0	356,538	178,269	(57,848)	(28,924)
RHFB 2015EFG	34.0	3,425,978	100,764	(506,483)	(14,897)
RHFB 2015EFG-40 Year	11.0	1,611,190	146,472	(179,180)	(16,289)
RHFB 2016ABC	28.0	3,152,447	112,587	(295,816)	(10,565)
RHFB 2016ABC-40 Year	7.0	1,063,912	151,987	(82,055)	(11,722)
RHFB 2016DEF	9.0	669,679	74,409	(72,169)	(8,019)
RHFB 2016DEF-40 Year	2.4	349,835	145,765	(46,028)	(19,178)
RHFB 2017ABC	7.5	661,983	88,264	(30,879)	(4,117)
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)
<b>Total</b>	<b>4,033.0</b>	<b>\$ 472,565,968</b>	<b>\$ 117,175</b>	<b><u>\$(90,523,001)</u></b>	<b>\$ (22,446)</b>

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

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

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

**Residential Housing Finance Bond Resolution  
Whole Loan Mortgages Prepayment Report  
Information as of March 31, 2019**



Bond Financed	Weighted Average Interest Rate Based on Total Loans Purchased		Total Loan Purchases		Prepayments/REO 12 Months Ended 3/31/2019		Curtailments 12 Months Ended 3/31/2019	Prepayments/ REO Total # to Date	Curtailments and Prepayments/ REO Total To Date
			# of Loans	Amount	# of Loans	Amount			
RHFB Retired	5.88	%	12,933.7	1,441,481,468	20.5	1,013,349	43,842	12,878.0	1,125,108,658
RHFB 06LMN	5.77		157.0	20,334,227	-	-	59	150.0	14,208,574
RHFB 2007M	5.96		435.3	51,601,162	13.6	1,346,337	35,583	332.6	37,973,093
RHFB 2007M-40 Yr	6.09		87.6	13,786,495	4.4	636,332	10,192	60.4	7,698,128
RHFB 2009DEF	5.84		1,627.0	123,184,490	54.5	3,329,787	237,916	1,064.5	71,024,693
RHFB 2012ABCD	6.10		1,411.0	96,047,766	68.5	3,325,266	372,980	784.5	48,593,194
RHFB 2013ABC	5.96		641.0	42,482,583	33.5	1,332,063	146,191	314.5	18,352,256
RHFB 2014A	6.13		381.0	15,938,679	29.0	588,450	107,934	168.0	5,623,124
RHFB 2014B	6.13		419.0	15,978,942	25.0	463,563	81,604	190.0	4,492,432
RHFB 2014CDE	5.15		1,554.0	147,424,535	96.0	7,941,011	298,563	629.0	56,082,417
RHFB 2015ABCD	5.56		538.0	52,474,015	46.5	4,087,538	151,097	249.0	22,473,232
RHFB 2015ABCD-40 Yr	5.56		20.0	3,064,439	-	589	1,370	10.0	1,448,927
RHFB 2015EFG	5.68		886.0	80,106,833	74.5	5,782,098	412,085	311.5	26,937,445
RHFB 2015EFG-40yr	5.47		105.0	15,680,365	12.0	1,529,160	20,615	49.0	6,940,156
RHFB 2016ABC	5.93		567.0	59,751,015	72.5	7,060,425	164,359	236.5	25,744,765
RHFB 2016ABC-40 Yr	5.93		151.0	22,027,528	20.0	3,021,630	46,184	57.0	8,030,420
RHFB 2016DEF	5.68		392.3	27,242,103	33.4	2,205,794	138,126	109.5	7,333,951
RHFB 2016DEF-40 Yr	5.38		55.6	8,084,772	6.6	945,659	15,179	15.0	2,023,738
RHFB 2017ABC	5.82		518.0	45,579,077	73.5	6,618,368	157,608	118.5	10,581,289
RHFB 2017ABC-40 Yr	5.79		102.0	12,928,653	6.0	639,573	180,247	20.0	2,616,679
RHFB 2017DEF	5.73		226.0	20,736,955	34.0	3,379,948	89,187	38.0	3,789,861
RHFB 2017DEF-40 Yr	5.54		48.0	5,841,813	5.0	542,095	19,852	6.0	555,755
RHFB 2018ABCD	5.17		307.5	19,253,174	21.0	1,355,384	135,185	21.0	1,355,384
<b>Total Bond Financed</b>	<b>5.82</b>	<b>%</b>	<b>23,563.0</b>	<b>\$ 2,341,031,089</b>	<b>750.0</b>	<b>\$ 57,144,419</b>	<b>\$ 2,865,958</b>	<b>17,812.5</b>	<b>\$ 1,508,988,171</b>

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

**Residential Housing Finance Bond Resolution  
Mortgage-Backed Securities Prepayment Report  
Information as of March 31, 2019**



Series	Weighted Average Pass- Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 03/31/2019	Curtailments 12 Months Ended 03/31/2019	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
09DEF	4.630%	\$ 32,522,061	\$ 1,450,782	\$ 34,284	\$ 18,796,117	\$ 299,738	\$ 19,095,855
12ABCD	3.516%	60,697,067	3,466,577	88,979	27,519,481	653,148	28,172,629
13ABC	2.633%	42,301,165	3,632,175	76,866	16,206,586	341,632	16,548,218
14A	3.207%	50,003,520	4,672,781	112,529	17,738,640	399,548	18,138,188
14B	3.335%	50,015,523	5,531,297	42,643	19,797,219	274,571	20,071,790
14CDE	3.514%	78,421,289	6,826,770	87,826	27,047,390	332,885	27,380,275
15ABCD	3.271%	64,030,055	6,026,805	46,002	17,548,618	162,372	17,710,990
15EFG	3.537%	74,399,612	6,134,601	64,814	16,169,208	181,968	16,351,176
16ABC	3.423%	74,982,792	5,309,166	66,817	10,229,488	154,519	10,384,007
16DEF	3.083%	100,005,295	5,917,929	144,938	8,978,858	288,757	9,267,615
17ABC	3.721%	60,900,313	2,797,170	72,927	3,284,346	142,300	3,426,646
17DEF	3.559%	120,065,774	3,724,294	110,872	4,043,778	162,960	4,206,738
18ABCD	4.070%	125,038,008	2,792,085	85,244	2,792,085	85,244	2,877,329
18EFGH	4.361%	150,754,397	329,389	44,143	329,389	44,143	373,532
Total		<u>\$ 1,084,136,871</u>	<u>\$ 58,611,821</u>	<u>\$ 1,078,884</u>	<u>\$ 190,481,203</u>	<u>\$ 3,523,786</u>	<u>\$ 194,004,989</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.

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>	<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
<b>2006 N</b>	1/1/2008	\$ -	\$ 315,000	\$ 10,000	\$ -	\$ 325,000	2013, 2016 & 2037
	7/1/2008	-	90,000	25,000	-	115,000	2011, 2014, 2016 & 2037
	1/1/2009	-	165,000	5,000	-	170,000	2016 & 2037
	7/1/2009	-	150,000	15,000	-	165,000	2012, 2014, 2016 & 2037
	1/1/2010	-	1,765,000	15,000	-	1,780,000	2037
	7/1/2010	-	785,000	35,000	-	820,000	2037
	1/1/2011	-	1,780,000	55,000	-	1,835,000	2037
	7/1/2011	-	1,740,000	80,000	-	1,820,000	2037
	1/1/2012	-	1,175,000	10,000	-	1,185,000	2037
	7/1/2012	-	960,000	50,000	-	1,010,000	2013-2016 & 2037
	1/1/2013	-	868,745	26,255	-	895,000	2015-2016 & 2037
	7/1/2013	-	788,696	21,304	-	810,000	2014-2016 & 2037
	1/1/2014	-	624,225	135,775	-	760,000	2036
	7/1/2014	-	709,729	45,271	-	755,000	2037
	8/1/2014	-	20,000	-	-	20,000	2015-2016
	12/1/2014	-	4,889	111	-	5,000	2015
	1/1/2015	-	460,773	14,227	-	475,000	2015-2016 & 2037
	5/1/2015	-	9,481	519	-	10,000	2015-2016
	6/1/2015	-	4,801	199	-	5,000	2016
	7/1/2015	-	375,122	24,878	-	400,000	2016 & 2037
	9/1/2015	-	4,874	126	-	5,000	2016
	11/1/2015	-	4,850	150	-	5,000	2016
	1/1/2016	-	295,850	9,150	-	305,000	2037
	1/7/2016	-	-	-	310,000	310,000	2016
	7/1/2016	-	257,050	7,950	-	265,000	2037
	1/1/2017	-	198,250	6,750	-	205,000	2037
	7/1/2017	-	174,150	5,850	-	180,000	2037
	1/1/2018	-	154,900	5,100	-	160,000	2037
	7/1/2018	-	130,650	4,350	-	135,000	2037
	1/1/2019	-	116,100	3,900	-	120,000	2037
<b>Total 2006 N</b>		-	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 March 31, 2019**



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

\* Prepayments for 2007M include repayments.

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
	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
<b>Total 2009 D</b>		-	6,103,153	196,847	-	6,300,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>			<u>Other</u>
<b>2009 E</b>	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	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds

<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>			<u>Other</u>
	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
<b>Total 2009 E</b>		-	57,316,867	1,958,133	-	59,275,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds

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

Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of March 31, 2019



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>	<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
	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
<b>Total 2012 A</b>		-	19,221,094	708,906	-	19,930,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds

<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>				<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
<b>2012 B</b>	9/1/2012	\$ -	\$ 45,000	\$ -	\$ -	45,000	2024
	10/1/2012	-	105,000	5,000	-	110,000	2024
	11/1/2012	-	180,000	-	-	180,000	2024
	12/1/2012	-	73,000	2,000	-	75,000	2023-2024
	1/1/2013	-	305,731	9,269	-	315,000	2023-2024
	5/1/2013	-	165,058	4,942	-	170,000	2023-2024
	6/1/2013	-	53,412	1,588	-	55,000	2023-2024
	7/1/2013	-	225,800	4,200	-	230,000	2023-2024
	10/1/2013	-	101,953	3,047	-	105,000	2023-2024
	11/1/2013	-	96,866	3,134	-	100,000	2023-2024
	12/1/2013	-	92,234	2,766	-	95,000	2023-2024
	1/1/2014	-	50,000	-	-	50,000	2023-2024
	4/1/2014	-	9,697	303	-	10,000	2023-2024
	5/1/2014	-	43,924	1,076	-	45,000	2023-2024
	6/1/2014	-	106,007	3,993	-	110,000	2023-2024
	7/1/2014	-	40,931	4,069	-	45,000	2023-2024
	10/1/2014	-	19,641	359	-	20,000	2023-2024
	11/1/2014	-	58,200	1,800	-	60,000	2023-2024
	12/1/2014	-	168,732	6,268	-	175,000	2023-2024
	1/1/2015	-	36,617	3,383	-	40,000	2023-2024
	5/1/2015	-	53,544	1,456	-	55,000	2023-2024
	6/1/2015	-	88,173	1,827	-	90,000	2023-2024
	7/1/2015	-	69,952	5,048	-	75,000	2023-2024
	11/1/2015	-	24,250	750	-	25,000	2023-2024
	12/1/2015	-	130,950	4,050	-	135,000	2023-2024
	1/1/2016	-	117,766	7,234	-	125,000	2023-2024
	5/1/2016	-	29,100	900	-	30,000	2023-2024
	6/1/2016	-	48,500	1,500	-	50,000	2023-2024
	7/1/2016	-	209,412	10,588	-	220,000	2023-2024
	10/1/2016	-	53,350	1,650	-	55,000	2023-2024
	11/1/2016	-	121,250	3,750	-	125,000	2023-2024
	12/1/2016	-	111,550	3,450	-	115,000	2023-2024
	1/1/2017	-	146,820	8,180	-	155,000	2023-2024
	5/1/2017	-	72,750	2,250	-	75,000	2023-2024
6/1/2017	-	72,750	2,250	-	75,000	2023-2024	
7/1/2017	-	74,706	5,294	-	80,000	2023-2024	
10/1/2017	-	4,850	150	-	5,000	2024	
11/1/2017	-	145,500	4,500	-	150,000	2023-2024	
12/1/2017	-	97,000	3,000	-	100,000	2023-2024	
1/1/2018	-	84,258	5,742	-	90,000	2023-2024	
5/1/2018	-	87,300	2,700	-	90,000	2023-2024	
6/1/2018	-	33,950	1,050	-	35,000	2023-2024	

Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of March 31, 2019



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
	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
<b>Total 2012 B</b>		-	4,347,885	157,115	-	4,505,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds

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

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>	<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
	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
<b>Total 2012 C</b>		-	15,199,865	575,135	-	15,775,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds						
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>		
2012 D	9/1/2012	\$ -	\$ 85,000	\$ -	\$ -	2030
	10/1/2012	-	200,000	5,000	-	2030
	11/1/2012	-	325,000	10,000	-	2030
	12/1/2012	-	131,226	3,774	-	2030
	1/1/2013	-	2,445,851	84,149	-	2030 & 2040
	5/1/2013	-	305,837	9,163	-	2030
	6/1/2013	-	101,959	3,041	-	2030
	7/1/2013	-	2,899,477	80,523	-	2030 & 2040
	10/1/2013	-	189,371	5,629	-	2030
	11/1/2013	-	180,216	4,784	-	2030
	12/1/2013	-	174,764	5,236	-	2030
	1/1/2014	-	2,840,481	59,519	-	2030 & 2040
	4/1/2014	-	19,393	607	-	2030
	5/1/2014	-	86,790	3,210	-	2030
	6/1/2014	-	2,606,311	78,689	-	2030 & 2040
	7/1/2014	-	535,823	49,177	-	2030 & 2040
	8/1/2014	-	504,400	15,600	-	2040
	9/1/2014	-	504,400	15,600	-	2040
	10/1/2014	-	547,808	17,192	-	2030 & 2040
	11/1/2014	-	611,100	18,900	-	2030 & 2040
	12/1/2014	-	826,784	23,216	-	2030 & 2040
	1/1/2015	-	554,345	50,655	-	2030 & 2040
	2/1/2015	-	523,800	16,200	-	2040
	3/1/2015	-	523,800	16,200	-	2040
	4/1/2015	-	528,650	16,350	-	2040
	5/1/2015	-	625,795	19,205	-	2040
	6/1/2015	-	683,313	21,687	-	2030 & 2040
	7/1/2015	-	638,469	46,531	-	2030 & 2040
	8/1/2015	-	261,900	8,100	-	2040
	9/1/2015	-	761,450	23,550	-	2040
	11/1/2015	-	1,071,850	33,150	-	2030 & 2040
	12/1/2015	-	761,450	23,550	-	2030 & 2040
	1/1/2016	-	716,015	43,985	-	2030 & 2040
	2/1/2016	-	494,700	15,300	-	2040
	3/1/2016	-	494,700	15,300	-	2040
	4/1/2016	-	494,700	15,300	-	2040
	5/1/2016	-	548,050	16,950	-	2030 & 2040
	6/1/2016	-	582,000	18,000	-	2030 & 2040
	7/1/2016	-	880,480	44,520	-	2030 & 2040
	8/1/2016	-	475,300	14,700	-	2040
9/1/2016	-	475,300	14,700	-	2040	
10/1/2016	-	582,000	18,000	-	2030 & 2040	
11/1/2016	-	698,400	21,600	-	2030 & 2040	
12/1/2016	-	679,000	21,000	-	2030 & 2040	
1/1/2017	-	743,573	41,427	-	2030 & 2040	
2/1/2017	-	426,800	13,200	-	2040	
3/1/2017	-	431,650	13,350	-	2040	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
	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
<b>Total 2012 D</b>		-	43,035,575	1,519,425	-	44,555,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds						
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>		
<b>2013 A</b>	12/1/2013	\$ -	\$ 33,994	\$ 1,006	\$ -	2014-2016
	1/1/2014	-	1,294,914	40,086	-	2014-2016 & 2031
	6/1/2014	-	1,398,452	41,548	-	2014-2016 & 2031
	7/1/2014	-	299,101	25,899	-	2015-2016 & 2031
	8/1/2014	-	218,250	6,750	-	2031
	9/1/2014	-	164,900	5,100	-	2031
	10/1/2014	-	509,250	15,750	-	2031
	11/1/2014	-	295,850	9,150	-	2031
	12/1/2014	-	315,129	9,871	-	2015-2016 & 2031
	1/1/2015	-	347,234	22,766	-	2015-2016 & 2031
	2/1/2015	-	320,100	9,900	-	2031
	3/1/2015	-	320,100	9,900	-	2031
	4/1/2015	-	324,950	10,050	-	2031
	5/1/2015	-	320,100	9,900	-	2031
	6/1/2015	-	324,829	10,171	-	2016 & 2031
	7/1/2015	-	346,937	23,063	-	2016 & 2031
	8/1/2015	-	334,650	10,350	-	2031
	9/1/2015	-	339,500	10,500	-	2031
	11/1/2015	-	679,000	21,000	-	2031
	12/1/2015	-	368,600	11,400	-	2016 & 2031
	1/1/2016	-	309,633	40,367	-	2031
	2/1/2016	-	339,500	10,500	-	2031
	3/1/2016	-	339,500	10,500	-	2031
	4/1/2016	-	344,350	10,650	-	2031
	5/1/2016	-	169,750	5,250	-	2031
	6/1/2016	-	509,250	15,750	-	2031
	7/1/2016	-	337,697	17,303	-	2031
	8/1/2016	-	324,950	10,050	-	2031
	9/1/2016	-	324,950	10,050	-	2031
	10/1/2016	-	324,950	10,050	-	2031
	11/1/2016	-	324,950	10,050	-	2031
	12/1/2016	-	324,950	10,050	-	2031
	1/1/2017	-	313,585	26,415	-	2031
	2/1/2017	-	310,400	9,600	-	2031
	3/1/2017	-	310,400	9,600	-	2031
	4/1/2017	-	310,400	9,600	-	2031
	5/1/2017	-	310,400	9,600	-	2031
	6/1/2017	-	310,400	9,600	-	2031
	7/1/2017	-	282,857	37,143	-	2031
	8/1/2017	-	208,550	6,450	-	2031
9/1/2017	-	208,550	6,450	-	2031	
10/1/2017	-	344,350	10,650	-	2031	
11/1/2017	-	257,050	7,950	-	2031	
12/1/2017	-	252,200	7,800	-	2031	
1/1/2018	-	247,113	17,887	-	2031	
2/1/2018	-	227,950	7,050	-	2031	
3/1/2018	-	232,800	7,200	-	2031	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
	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
<b>Total 2013 A</b>		-	19,201,469	753,531	-	19,955,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds						
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>		
<b>2013 B</b>	12/1/2013	\$ -	\$ 43,706	\$ 1,294	\$ -	2016-2019
	1/1/2014	-	121,459	3,541	-	2016-2019
	6/1/2014	-	91,577	3,423	-	2016-2019
	7/1/2014	-	82,919	7,081	-	2016-2019
	12/1/2014	-	43,844	1,156	-	2016-2019
	1/1/2015	-	159,565	10,435	-	2016-2019
	6/1/2015	-	9,821	179	-	2018-2019
	7/1/2015	-	150,493	9,507	-	2016-2019
	11/1/2015	-	4,850	150	-	2019
	12/1/2015	-	145,500	4,500	-	2016-2019
	1/1/2016	-	17,693	2,307	-	2018-2019
	6/1/2016	-	4,850	150	-	2019
	7/1/2016	-	275,865	14,135	-	2017-2019
	9/1/2016	-	24,250	750	-	2017-2019
	10/1/2016	-	4,850	150	-	2018
	11/1/2016	-	77,600	2,400	-	2017-2019
	12/1/2016	-	126,100	3,900	-	2017-2019
	1/1/2017	-	59,950	5,050	-	2017-2019
	4/1/2017	-	19,400	600	-	2017-2019
	5/1/2017	-	48,500	1,500	-	2017-2019
	6/1/2017	-	67,900	2,100	-	2017-2019
	7/1/2017	-	8,839	1,161	-	2018
	1/1/2018	-	60,613	4,387	-	2018-2019
	4/1/2018	-	24,250	750	-	2018-2019
	5/1/2018	-	33,950	1,050	-	2018-2019
	6/1/2018	-	43,650	1,350	-	2018-2019
	7/1/2018	-	8,772	1,228	-	2019
	11/1/2018	-	24,250	750	-	2019
	12/1/2018	-	19,400	600	-	2019
	1/1/2019	-	42,827	2,173	-	2019
<b>Total 2013 B</b>		-	1,847,243	87,757	-	1,935,000

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>			<u>Other</u>
<b>2013 C</b>	12/1/2013	\$ -	\$ 199,105	\$ 5,895	\$ -	205,000	2020-2023, 2033, 2038 & 2043
	1/1/2014	-	542,649	17,351	-	560,000	2019-2023, 2033, 2038 & 2043
	6/1/2014	-	417,818	12,182	-	430,000	2019-2023, 2033, 2038 & 2043
	7/1/2014	-	358,330	31,670	-	390,000	2019-2023, 2033, 2038 & 2043
	12/1/2014	-	189,077	5,923	-	195,000	2020-2023, 2033, 2038 & 2043
	1/1/2015	-	699,151	45,849	-	745,000	2019-2023, 2033, 2038 & 2043
	6/1/2015	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2015	-	651,370	43,630	-	695,000	2019-2023, 2033, 2038 & 2043
	11/1/2015	-	14,550	450	-	15,000	2023, 2038 & 2043
	12/1/2015	-	654,750	20,250	-	675,000	2019-2023, 2033, 2038 & 2043
	1/1/2016	-	70,773	9,227	-	80,000	2021-2023, 2033, 2038 & 2043
	6/1/2016	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2016	-	1,350,788	69,212	-	1,420,000	2019-2023, 2033, 2038 & 2043
	9/1/2016	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	10/1/2016	-	24,250	750	-	25,000	2023, 2033, 2038 & 2043
	11/1/2016	-	368,600	11,400	-	380,000	2020-2023, 2033, 2038 & 2043
	12/1/2016	-	625,650	19,350	-	645,000	2019-2023, 2033, 2038 & 2043
	1/1/2017	-	345,865	29,135	-	375,000	2020-2023, 2033, 2038 & 2043
	4/1/2017	-	106,700	3,300	-	110,000	2020-2023, 2033, 2038 & 2043
	5/1/2017	-	281,300	8,700	-	290,000	2020-2023, 2033, 2038 & 2043
	6/1/2017	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	7/1/2017	-	79,554	10,446	-	90,000	2021-2023, 2033, 2038 & 2043
	1/1/2018	-	587,475	42,525	-	630,000	2019-2023, 2033, 2038 & 2043
	4/1/2018	-	271,600	8,400	-	280,000	2020-2023, 2033, 2038 & 2043
	5/1/2018	-	368,600	11,400	-	380,000	2020-2023, 2033 & 2043
	6/1/2018	-	451,050	13,950	-	465,000	2019-2023, 2033, 2038 & 2043
	7/1/2018	-	105,259	14,741	-	120,000	2020-2023, 2033, 2038 & 2043
	10/1/2018	-	24,250	750	-	25,000	2022-2023, 2033, 2038 & 2043
	11/1/2018	-	402,550	12,450	-	415,000	2019-2023, 2033, 2038 & 2043
	12/1/2018	-	300,700	9,300	-	310,000	2020-2023, 2033, 2038 & 2043
1/1/2019	-	1,479,899	75,101	-	1,555,000	2019-2023, 2033, 2038 & 2043	
<b>Total 2013 C</b>		-	11,539,113	550,887	-	12,090,000	

**Residential Housing Finance Bond Resolution**  
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**Information as of March 31, 2019**



<u>Series</u>	<u>Bond Call Date</u>	<u>Source of Funds</u>				<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
<b>2014 A</b>	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	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of March 31, 2019**



<u>Source of Funds</u>							
<u>Series</u>	<u>Bond Call Date</u>	<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>	<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
	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
<b>Total 2014 A</b>		-	24,472,550	1,002,450	-	25,475,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds						
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>		
<b>2014 B</b>	8/1/2014	\$ -	\$ 232,800	\$ 7,200	\$ -	2038
	9/1/2014	-	150,350	4,650	-	2038
	10/1/2014	-	203,700	6,300	-	2038
	11/1/2014	-	295,850	9,150	-	2038
	12/1/2014	-	291,000	9,000	-	2038
	1/1/2015	-	569,650	40,350	-	2015-2026 & 2038
	2/1/2015	-	189,150	5,850	-	2038
	3/1/2015	-	194,000	6,000	-	2038
	4/1/2015	-	194,000	6,000	-	2038
	5/1/2015	-	189,150	5,850	-	2038
	6/1/2015	-	194,000	6,000	-	2038
	7/1/2015	-	305,750	44,250	-	2016-2026 & 2038
	8/1/2015	-	208,550	6,450	-	2038
	9/1/2015	-	208,550	6,450	-	2038
	11/1/2015	-	1,687,800	52,200	-	2016-2026 & 2038
	12/1/2015	-	72,750	2,250	-	2038
	1/1/2016	-	873,350	61,650	-	2016-2026 & 2038
	2/1/2016	-	203,700	6,300	-	2038
	3/1/2016	-	252,200	7,800	-	2038
	4/1/2016	-	557,750	17,250	-	2016-2026 & 2038
	7/1/2016	-	1,853,800	91,200	-	2017-2026 & 2038
	8/1/2016	-	126,100	3,900	-	2038
	9/1/2016	-	339,500	10,500	-	2038
	10/1/2016	-	232,800	7,200	-	2038
	11/1/2016	-	397,700	12,300	-	2017-2026 & 2038
	12/1/2016	-	688,700	21,300	-	2017-2026 & 2038
	1/1/2017	-	697,200	52,800	-	2017-2026 & 2038
	2/1/2017	-	223,100	6,900	-	2038
	3/1/2017	-	223,100	6,900	-	2038
	4/1/2017	-	480,150	14,850	-	2017-2026 & 2038
	5/1/2017	-	373,450	11,550	-	2017-2026 & 2038
	6/1/2017	-	771,150	23,850	-	2017-2026 & 2038
	7/1/2017	-	1,064,100	60,900	-	2018-2026 & 2038
	8/1/2017	-	213,400	6,600	-	2038
	9/1/2017	-	213,400	6,600	-	2038
	10/1/2017	-	596,550	18,450	-	2018-2026 & 2038
	11/1/2017	-	645,050	19,950	-	2018-2026 & 2038
	12/1/2017	-	528,650	16,350	-	2018-2026 & 2038
	1/1/2018	-	733,500	46,500	-	2018-2026 & 2038
	2/1/2018	-	198,850	6,150	-	2038
	3/1/2018	-	203,700	6,300	-	2038
	4/1/2018	-	237,650	7,350	-	2021-2026 & 2038
	5/1/2018	-	843,900	26,100	-	2018-2026 & 2038
	6/1/2018	-	688,700	21,300	-	2018-2026 & 2038
	7/1/2018	-	513,550	36,450	-	2019-2026 & 2038
	8/1/2018	-	189,150	5,850	-	2038
	9/1/2018	-	194,000	6,000	-	2038

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
	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
<b>Total 2014 B</b>		-	25,496,950	1,033,050	-	26,530,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds								
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>				<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>			
<b>2014 C</b>	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		

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
	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
<b>Total 2014 C</b>		-	54,550,481	2,044,519	-	56,595,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



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

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



<u>Series</u>	<u>Bond Call Date</u>	<u>Source of Funds</u>				<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
<b>2015 A</b>	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	
<b>Total 2015 A</b>		-	18,388,235	691,765	-	19,080,000	

**Residential Housing Finance Bond Resolution  
Source of Funds Used to Call Bonds  
Information as of March 31, 2019**



Source of Funds						
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>		
<b>2015 C</b>	12/1/2015	\$ -	\$ 1,678,100	\$ 51,900	\$ -	2016-2026 & 2031
	1/1/2016	-	20,862	4,138	-	2025-2026 & 2031
	5/1/2016	-	281,300	8,700	-	2016-2026 & 2031
	6/1/2016	-	169,750	5,250	-	2016-2026 & 2031
	7/1/2016	-	2,245,273	109,727	-	2017-2026 & 2031
	9/1/2016	-	9,700	300	-	2026 & 2031
	10/1/2016	-	645,050	19,950	-	2017-2026 & 2031
	11/1/2016	-	620,800	19,200	-	2017-2026 & 2031
	12/1/2016	-	2,628,700	81,300	-	2017-2026 & 2031
	1/1/2017	-	30,846	4,154	-	2025-2026 & 2031
	5/1/2017	-	1,261,000	39,000	-	2017-2026 & 2031
	6/1/2017	-	1,348,300	41,700	-	2017-2026 & 2031
	7/1/2017	-	1,285,282	69,718	-	2018-2026 & 2031
	11/1/2017	-	1,498,650	46,350	-	2018-2026 & 2031
	12/1/2017	-	1,915,750	59,250	-	2018-2026 & 2031
	1/1/2018	-	894,028	50,972	-	2018-2026 & 2031
	6/1/2018	-	514,100	15,900	-	2018-2026 & 2031
	7/1/2018	-	889,856	50,144	-	2019-2026 & 2031
	11/1/2018	-	572,300	17,700	-	2019-2026 & 2031
	12/1/2018	-	1,197,950	37,050	-	2019-2026 & 2031
	1/1/2019	-	2,001,568	88,432	-	2019-2026 & 2031
<b>Total 2015 C</b>		-	21,709,165	820,835	-	22,530,000

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds						
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>		
<b>2015 E</b>	4/1/2016	\$ -	\$ 1,561,700	\$ 48,300	\$ -	2046
	5/1/2016	-	305,550	9,450	-	2046
	6/1/2016	-	906,950	28,050	-	2016-2023 & 2046
	7/1/2016	-	1,917,207	87,793	-	2017-2023 & 2046
	8/1/2016	-	582,000	18,000	-	2046
	9/1/2016	-	582,000	18,000	-	2046
	10/1/2016	-	843,900	26,100	-	2017-2023 & 2046
	11/1/2016	-	1,115,500	34,500	-	2017-2023 & 2046
	12/1/2016	-	742,050	22,950	-	2017-2023 & 2046
	1/1/2017	-	1,758,055	86,945	-	2017-2023 & 2046
	2/1/2017	-	630,500	19,500	-	2046
	3/1/2017	-	630,500	19,500	-	2046
	4/1/2017	-	630,500	19,500	-	2046
	5/1/2017	-	1,236,750	38,250	-	2017-2023 & 2046
	6/1/2017	-	1,425,900	44,100	-	2017-2023 & 2046
	7/1/2017	-	1,057,500	67,500	-	2018-2023 & 2046
	8/1/2017	-	674,150	20,850	-	2046
	9/1/2017	-	766,300	23,700	-	2018-2023 & 2046
	10/1/2017	-	1,290,100	39,900	-	2018-2023 & 2046
	11/1/2017	-	1,372,550	42,450	-	2018-2023 & 2046
	12/1/2017	-	1,202,800	37,200	-	2018-2023 & 2046
	1/1/2018	-	1,173,808	66,192	-	2018-2023 & 2046
	2/1/2018	-	712,950	22,050	-	2046
	3/1/2018	-	717,800	22,200	-	2046
	4/1/2018	-	712,950	22,050	-	2046
	5/1/2018	-	717,800	22,200	-	2046
	6/1/2018	-	868,150	26,850	-	2018-2023 & 2046
	7/1/2018	-	1,366,327	68,673	-	2019-2023 & 2046
	8/1/2018	-	703,250	21,750	-	2046
	9/1/2018	-	703,250	21,750	-	2046
	10/1/2018	-	703,250	21,750	-	2046
	11/1/2018	-	989,400	30,600	-	2019-2023 & 2046
	12/1/2018	-	1,362,850	42,150	-	2019-2023 & 2046
1/1/2018	-	1,487,601	67,399	-	2019-2023 & 2046	
2/1/2019	-	460,750	14,250	-	2046	
3/1/2019	-	882,700	27,300	-	2046	
<b>Total 2015 E</b>		-	34,795,298	1,249,702	-	36,045,000

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



<u>Series</u>	<u>Bond Call Date</u>	<u>Source of Funds</u>				<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
		<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
<b>2015 F</b>							
	6/1/2016	\$ -	\$ 208,550	\$ 6,450	\$ -	215,000	2023-2026 & 2029
	7/1/2016	-	1,807,243	82,757	-	1,890,000	2023-2026 & 2029
	10/1/2016	-	334,650	10,350	-	345,000	2023-2026 & 2029
	11/1/2016	-	693,550	21,450	-	715,000	2023-2026 & 2029
	12/1/2016	-	203,700	6,300	-	210,000	2023-2026 & 2029
	1/1/2017	-	1,638,945	81,055	-	1,720,000	2023-2026 & 2029
	5/1/2017	-	839,050	25,950	-	865,000	2023-2026 & 2029
	6/1/2017	-	1,110,650	34,350	-	1,145,000	2023-2026 & 2029
	7/1/2017	-	672,100	42,900	-	715,000	2023-2026 & 2029
	9/1/2017	-	130,950	4,050	-	135,000	2023-2026 & 2029
	10/1/2017	-	926,350	28,650	-	955,000	2023-2026 & 2029
	11/1/2017	-	1,047,600	32,400	-	1,080,000	2023-2026 & 2029
	12/1/2017	-	800,250	24,750	-	825,000	2023-2026 & 2029
	1/1/2018	-	842,492	47,508	-	890,000	2023-2026 & 2029
	6/1/2018	-	257,050	7,950	-	265,000	2023-2026 & 2029
	7/1/2018	-	1,209,223	60,777	-	1,270,000	2023-2026 & 2029
	11/1/2018	-	518,950	16,050	-	535,000	2023-2026 & 2029
	12/1/2018	-	1,202,800	37,200	-	1,240,000	2023-2026 & 2029
	1/1/2019	-	1,631,099	73,901	-	1,705,000	2023-2026 & 2029
<b>Total 2015 F</b>		-	16,075,202	644,798	-	16,720,000	
<b>2016 A</b>							
	11/1/2016	\$ -	\$ 2,439,550	\$ 75,450	\$ -	2,515,000	2017-2026, 2031 & 2033
	12/1/2016	-	480,150	14,850	-	495,000	2017-2026, 2031 & 2033
	1/1/2017	-	759,401	40,599	-	800,000	2017-2026, 2031 & 2033
	2/1/2017	-	1,168,850	36,150	-	1,205,000	2017-2026, 2031 & 2033
	3/1/2017	-	426,800	13,200	-	440,000	2017-2026, 2031 & 2033
	4/1/2017	-	1,071,850	33,150	-	1,105,000	2017-2026, 2031 & 2033
	5/1/2017	-	717,800	22,200	-	740,000	2017-2026, 2031 & 2033
	6/1/2017	-	533,500	16,500	-	550,000	2017-2026, 2031 & 2033
	7/1/2017	-	883,012	41,988	-	925,000	2018-2026, 2031 & 2033
	11/1/2017	-	999,100	30,900	-	1,030,000	2018-2026, 2031 & 2033
	12/1/2017	-	1,067,000	33,000	-	1,100,000	2018-2026, 2031 & 2033
	1/1/2018	-	705,595	44,405	-	750,000	2018-2026, 2031 & 2033
	5/1/2018	-	446,200	13,800	-	460,000	2018-2026, 2031 & 2033
	6/1/2018	-	426,800	13,200	-	440,000	2018-2026, 2031 & 2033
	7/1/2018	-	1,199,038	50,962	-	1,250,000	2019-2026, 2031 & 2033
	11/1/2018	-	669,300	20,700	-	690,000	2019-2026, 2031 & 2033
	12/1/2018	-	1,120,350	34,650	-	1,155,000	2019-2026, 2031 & 2033
	1/1/2019	-	1,507,089	72,911	-	1,580,000	2019-2026, 2031 & 2033
<b>Total 2016 A</b>		-	16,621,385	608,615	-	17,230,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Unexpended Proceeds</u>	<u>Series Excess Revenues (including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>	<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>
<b>2016 B</b>							
	9/1/2016	\$ -	\$ 504,400	\$ 15,600	\$ -	\$ 520,000	2046
	11/1/2016	-	2,172,800	67,200	-	2,240,000	2035, 2037 & 2046
	12/1/2016	-	620,800	19,200	-	640,000	2035, 2037 & 2046
	1/1/2017	-	726,177	38,823	-	765,000	2035, 2037 & 2046
	2/1/2017	-	1,003,950	31,050	-	1,035,000	2035, 2037 & 2046
	3/1/2017	-	703,250	21,750	-	725,000	2035, 2037 & 2046
	4/1/2017	-	960,300	29,700	-	990,000	2035, 2037 & 2046
	5/1/2017	-	824,500	25,500	-	850,000	2035, 2037 & 2046
	6/1/2017	-	742,050	22,950	-	765,000	2035, 2037 & 2046
	7/1/2017	-	887,785	42,215	-	930,000	2035, 2037 & 2046
	8/1/2017	-	577,150	17,850	-	595,000	2046
	9/1/2017	-	577,150	17,850	-	595,000	2046
	10/1/2017	-	577,150	17,850	-	595,000	2046
	11/1/2017	-	994,250	30,750	-	1,025,000	2035, 2037 & 2046
	12/1/2017	-	1,018,500	31,500	-	1,050,000	2035, 2037 & 2046
	1/1/2018	-	865,530	54,470	-	920,000	2035, 2037 & 2046
	2/1/2018	-	625,650	19,350	-	645,000	2046
	3/1/2018	-	625,650	19,350	-	645,000	2046
	4/1/2018	-	625,650	19,350	-	645,000	2046
	5/1/2018	-	814,800	25,200	-	840,000	2035, 2037 & 2046
	6/1/2018	-	805,100	24,900	-	830,000	2035, 2037 & 2046
	7/1/2018	-	1,131,892	48,108	-	1,180,000	2035, 2037 & 2046
	8/1/2018	-	567,450	17,550	-	585,000	2046
	9/1/2018	-	567,450	17,550	-	585,000	2046
	10/1/2018	-	567,450	17,550	-	585,000	2046
	11/1/2018	-	858,450	26,550	-	885,000	2035, 2037 & 2046
	12/1/2018	-	1,052,450	32,550	-	1,085,000	2035, 2037 & 2046
	1/1/2019	-	1,230,471	59,529	-	1,290,000	2035, 2037 & 2046
	2/1/2019	-	538,350	16,650	-	555,000	2046
	3/1/2019	-	538,350	16,650	-	555,000	2046
<b>Total 2016 B</b>		-	24,304,905	845,095	-	25,150,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>			<u>Other</u>
<b>2016 C</b>	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
<b>Total 2016 C</b>		-	5,672,760	192,240	-	5,865,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
<b>2016 D</b>	4/1/2017	\$ -	\$ 153,731	\$ 1,269	\$ -	\$ 155,000	2017-2020
	6/1/2017	-	133,895	1,105	-	135,000	2017-2020
	7/1/2017	-	186,693	3,307	-	190,000	2018-2021
	9/1/2017	-	34,713	287	-	35,000	2018-2020
	10/1/2017	-	168,608	1,392	-	170,000	2018-2020
	11/1/2017	-	79,345	655	-	80,000	2018-2020
	12/1/2017	-	143,813	1,187	-	145,000	2018-2020
	1/1/2018	-	127,493	2,507	-	130,000	2018-2021
	5/1/2018	-	39,672	328	-	40,000	2018-2020
	6/1/2018	-	109,099	901	-	110,000	2018-2020
	7/1/2018	-	88,236	1,764	-	90,000	2019-2020
	10/1/2018	-	49,591	409	-	50,000	2019-2020
	11/1/2018	-	138,854	1,146	-	140,000	2019-2020
	12/1/2018	-	114,058	942	-	115,000	2019-2020
	1/1/2019	-	118,160	1,840	-	120,000	2019-2020
<b>Total 2016 D</b>		-	1,685,961	19,039	-	1,705,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>			<u>Other</u>
<b>2016 E</b>	4/1/2017	\$ -	\$ 1,304,233	\$ 10,767	\$ -	2021-2027, 2031 & 2047	
	5/1/2017	-	247,953	2,047	-	2047	
	6/1/2017	-	724,022	5,978	-	2021-2027, 2031 & 2047	
	7/1/2017	-	1,026,813	18,187	-	2021-2027, 2031 & 2047	
	8/1/2017	-	282,666	2,334	-	2047	
	9/1/2017	-	436,398	3,602	-	2021-2027, 2031 & 2047	
	10/1/2017	-	991,812	8,188	-	2021-2027, 2031 & 2047	
	11/1/2017	-	600,046	4,954	-	2021-2027, 2031 & 2047	
	12/1/2017	-	882,712	7,288	-	2021-2027, 2031 & 2047	
	1/1/2018	-	921,873	18,127	-	2021-2027, 2031 & 2047	
	2/1/2018	-	357,052	2,948	-	2047	
	3/1/2018	-	357,052	2,948	-	2047	
	4/1/2018	-	357,052	2,948	-	2047	
	5/1/2018	-	570,292	4,708	-	2021-2027, 2031 & 2047	
	6/1/2018	-	887,672	7,328	-	2021-2027, 2031 & 2047	
	7/1/2018	-	906,867	18,133	-	2021-2027, 2031 & 2047	
	8/1/2018	-	426,479	3,521	-	2047	
	9/1/2018	-	431,438	3,562	-	2047	
	10/1/2018	-	728,981	6,019	-	2021-2027, 2031 & 2047	
	11/1/2018	-	1,284,396	10,604	-	2021-2027, 2031 & 2047	
12/1/2018	-	1,150,502	9,498	-	2021-2027, 2031 & 2047		
1/1/2019	-	1,383,463	21,537	-	2021-2027, 2031 & 2047		
2/1/2019	-	481,029	3,971	-	2047		
3/1/2019	-	485,988	4,012	-	2047		
<b>Total 2016 E</b>		-	17,226,791	183,209	-	17,410,000	
<b>2017 A</b>	11/1/2017	\$ -	\$ 3,348,490	\$ 51,510	\$ -	2018-2027 & 2030	
	12/1/2017	-	1,186,744	18,256	-	2018-2027 & 2030	
	1/1/2018	-	777,318	17,682	-	2018-2027 & 2030	
	4/1/2018	-	359,470	5,530	-	2018-2027 & 2030	
	5/1/2018	-	270,834	4,166	-	2018-2027 & 2030	
	6/1/2018	-	600,759	9,241	-	2018-2027 & 2030	
	7/1/2018	-	1,157,412	32,588	-	2019-2027 & 2030	
	10/1/2018	-	773,107	11,893	-	2019-2027 & 2030	
	11/1/2018	-	886,365	13,635	-	2019-2027 & 2030	
	12/1/2018	-	886,365	13,635	-	2019-2027 & 2030	
1/1/2019	-	874,545	25,455	-	2019-2027 & 2030		
<b>Total 2017 A</b>		-	11,121,409	203,591	-	11,325,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
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Source of Funds							
Series	Bond Call Date	Series Excess Revenues			Total Bonds Called	Maturity Date(s) of Bond(s) Called	
		Unexpended Proceeds	(including Prepayments)	Reserve Excess			Other
<b>2017 B</b>	10/1/2017	\$ -	\$ 211,743	\$ 3,257	\$ -	2047	
	11/1/2017	-	359,470	5,530	-	2038 & 2047	
	12/1/2017	-	172,349	2,651	-	2038 & 2047	
	1/1/2018	-	141,775	3,225	-	2038 & 2047	
	2/1/2018	-	285,606	4,394	-	2047	
	3/1/2018	-	285,606	4,394	-	2047	
	4/1/2018	-	315,152	4,848	-	2038 & 2047	
	5/1/2018	-	310,227	4,773	-	2038 & 2047	
	6/1/2018	-	339,773	5,227	-	2038 & 2047	
	7/1/2018	-	384,183	10,817	-	2038 & 2047	
	8/1/2018	-	325,000	5,000	-	2047	
	9/1/2018	-	325,000	5,000	-	2047	
	10/1/2018	-	393,940	6,060	-	2038 & 2047	
	11/1/2018	-	403,788	6,212	-	2038 & 2047	
	12/1/2018	-	403,788	6,212	-	2038 & 2047	
	1/1/2019	-	403,262	11,738	-	2038 & 2047	
	2/1/2019	-	423,485	6,515	-	2047	
	3/1/2019	-	423,485	6,515	-	2047	
	<b>Total 2017 B</b>		-	5,907,632	102,368	-	6,010,000
<b>2017 D</b>	6/1/2018	\$ -	\$ 571,785	\$ 3,215	\$ -	2018-2028 & 2030	
	7/1/2018	-	354,450	5,550	-	2019-2028 & 2030	
	11/1/2018	-	725,919	4,081	-	2019-2028 & 2030	
	12/1/2018	-	497,204	2,796	-	2019-2028 & 2030	
	1/1/2019	-	433,797	6,203	-	2019-2028 & 2030	
<b>Total 2017 D</b>		-	2,583,155	21,845	-	2,605,000	
<b>2017 E</b>	4/1/2018	\$ -	\$ 487,260	\$ 2,740	\$ -	2048	
	5/1/2018	-	159,105	895	-	2048	
	6/1/2018	-	432,568	2,432	-	2034 & 2048	
	7/1/2018	-	334,759	5,241	-	2034 & 2048	
	8/1/2018	-	263,518	1,482	-	2048	
	9/1/2018	-	263,518	1,482	-	2048	
	10/1/2018	-	263,518	1,482	-	2048	
	11/1/2018	-	611,561	3,439	-	2034 & 2048	
	12/1/2018	-	502,177	2,823	-	2034 & 2048	
	1/1/2019	-	483,092	6,908	-	2034 & 2048	
	2/1/2019	-	362,959	2,041	-	2048	
	3/1/2019	-	362,959	2,041	-	2048	
<b>Total 2017 E</b>		-	4,526,994	33,006	-	4,560,000	

**Residential Housing Finance Bond Resolution**  
**Source of Funds Used to Call Bonds**  
**Information as of March 31, 2019**



Source of Funds							
<u>Series</u>	<u>Bond Call Date</u>	<u>Series Excess Revenues</u>			<u>Total Bonds Called</u>	<u>Maturity Date(s) of Bond(s) Called</u>	
		<u>Unexpended Proceeds</u>	<u>(including Prepayments)</u>	<u>Reserve Excess</u>	<u>Other</u>		
<b>2018 A</b>	11/1/2018	\$ -	\$ 318,585	\$ 1,415	\$ -	\$ 320,000	2019-2028 & 2032
	12/1/2018	-	363,385	1,615	-	365,000	2019-2028 & 2032
	1/1/2019	-	291,628	3,372	-	295,000	2019-2028 & 2032
	2/1/2019	-	29,867	133	-	30,000	2027-2028 & 2032
	3/1/2019	-	452,987	2,013	-	455,000	2019-2028 & 2032
<b>Total 2018 A</b>		-	1,456,452	8,548	-	1,465,000	
<b>2018 B</b>	10/1/2018	\$ -	\$ 258,850	\$ 1,150	\$ -	\$ 260,000	2048
	11/1/2018	-	333,518	1,482	-	335,000	2023-2024, 2033, 2037 & 2048
	12/1/2018	-	358,408	1,592	-	360,000	2019-2020, 2033, 2037 & 2048
	1/1/2019	-	326,228	3,772	-	330,000	2023-2024, 2033, 2037 & 2048
	2/1/2019	-	134,403	597	-	135,000	2033, 2037 & 2048
	3/1/2019	-	413,164	1,836	-	415,000	2021, 2023-2024, 2033, 2037 & 2048
<b>Total 2018 B</b>		-	1,824,571	10,429	-	1,835,000	
<b>2018 C</b>	2/1/2019	\$ -	\$ 39,823	\$ 177	\$ -	\$ 40,000	2023-2024, 2027-2028, 2033 & 2040
	3/1/2019	-	9,956	44	-	10,000	2028 & 2040
<b>Total 2018 C</b>		-	49,779	221	-	50,000	
<b>Total</b>		\$ -	\$ 558,355,876	\$ 18,238,908	\$ 3,415,216	\$ 580,010,000	

**Residential Housing Finance Bond Resolution  
Interest Rate Swaps  
Information as of March 31, 2019**



<u>Associated Bond Series</u>	<u>03/31/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<u>03/31/2019 GASB72 Fair Value<sup>1</sup></u>
<b>Counterparty: The Bank of New York Mellon</b>						
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2018D	\$ 35,000,000	June 28, 2018	January 1, 2045	3.1875%	70% of 1 month LIBOR <sup>2</sup> plus 0.43% per annum	\$ (983,828)
	<u>\$ 35,000,000</u>					<u>\$ (983,828)</u>

**Residential Housing Finance Bond Resolution  
Interest Rate Swaps  
Information as of March 31, 2019**



<u>Associated Bond Series</u>	<u>03/31/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<b>03/31/2019 GASB72 Fair Value<sup>1</sup></b>
<b>Counterparty: Royal Bank of Canada</b>						
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2015D	18,225,000	August 11, 2015	January 1, 2046	2.343%	67% of 1 month LIBOR <sup>2</sup>	(54,521)
RHFB 2015G	35,000,000	December 8, 2015	January 1, 2034	1.953%	67% of 1 month LIBOR <sup>2</sup>	62,393
RHFB 2016F	50,000,000	December 22, 2016	January 1, 2041	2.175%	67% of 1 month LIBOR <sup>2</sup>	(545,048)
RHFB 2018H	35,000,000	December 12, 2018	July 1, 2041	2.8035%	70% of 1 month LIBOR <sup>2</sup>	(1,889,009)
RHFB 2019D*	45,000,000	April 11, 2019	January 1, 2042	2.4090%	70% of 1 month LIBOR <sup>2</sup>	(1,091,562)
	<u>\$ 183,225,000</u>					<u>\$ (3,517,747)</u>

\*The Agency entered into a swap on March 7, 2019 with respect to this Bond Series which was issued April 11, 2019.

**Residential Housing Finance Bond Resolution  
Interest Rate Swaps  
Information as of March 31, 2019**



<u>Associated Bond Series</u>	<u>03/31/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<u>03/31/2019 GASB72 Fair Value<sup>1</sup></u>
<b>Counterparty: Wells Fargo Bank, NA</b>						
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 <sup>2</sup>	(514,050)
RHFB 2017F	40,000,000	December 21, 2017	January 1, 2041	2.261%	67% of 1 month LIBOR <sup>2</sup>	(321,892)
	<u>\$ 80,000,000</u>					<u>\$ (835,942)</u>
	<u>\$ 298,225,000</u>					<u>\$ (5,337,517)</u>

<sup>1</sup>A positive fair value represents money due to the Agency by the counterparty upon an assumed termination on March 31, 2019. A negative number represents money payable by the Agency. The fair values as of March 31, 2019 were calculated by a consultant engaged by the Agency.

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

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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
				<b>\$ 18,000,000</b>	<b>\$ 2,495,000</b>	<b>\$ 15,050,000</b>	<b>\$ 455,000</b>	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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 March 31, 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	2,015,000	965,000	1
60415N5F5	7/1/2020	Serial	4.000	1,545,000	-	975,000	570,000	1
				<b>\$ 19,830,000</b>	<b>\$ 11,785,000</b>	<b>\$ 6,300,000</b>	<b>\$ 1,745,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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	-	1,000,000	670,000	1
60415N5M0	7/1/2021	Serial	4.200	1,715,000	-	1,040,000	675,000	1
60415N4X7	7/1/2024	Term (a)	4.550	11,315,000	-	6,770,000	4,545,000	1
60415N4Y5	7/1/2029	Term (b)	4.900	22,700,000	-	13,575,000	9,125,000	1
60415N4Z2	7/1/2034	Term (c)	5.050	23,170,000	-	13,865,000	9,305,000	1
60415N5G3	1/1/2040	Term (d)	5.100	34,550,000	-	20,695,000	13,855,000	1
				<b>\$ 103,960,000</b>	<b>\$ 6,510,000</b>	<b>\$ 59,275,000</b>	<b>\$ 38,175,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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
				<b>\$ 50,945,000</b>	<b>\$ 20,270,000</b>	<b>\$ 19,930,000</b>	<b>\$ 10,745,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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
				<b>\$ 8,830,000</b>	<b>\$ -</b>	<b>\$ 4,505,000</b>	<b>\$ 4,325,000</b>	

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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	-	11,575,000	11,165,000	2
				<u>\$ 30,975,000</u>	<u>\$ -</u>	<u>\$ 15,775,000</u>	<u>\$ 15,200,000</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.

\*\* 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  
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**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	-	36,155,000	7,380,000	1
				<u>\$ 60,000,000</u>	<u>\$ -</u>	<u>\$ 44,555,000</u>	<u>\$ 15,445,000</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  
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**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	-	19,565,000	6,255,000	1
				<b>\$ 33,305,000</b>	<b>\$ 7,095,000</b>	<b>\$ 19,955,000</b>	<b>\$ 6,255,000</b>	

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  
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**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	-	340,000	920,000	2
				<b>\$ 9,555,000</b>	<b>\$ 6,700,000</b>	<b>\$ 1,935,000</b>	<b>\$ 920,000</b>	

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  
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**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	-	420,000	1,135,000	2
60416SCL2	7/1/2020	Serial	2.100	1,580,000	-	435,000	1,145,000	2
60416SCM0	1/1/2021	Serial	2.300	1,600,000	-	445,000	1,155,000	2
60416SCN8	7/1/2021	Serial	2.350	1,625,000	-	455,000	1,170,000	2
60416SCP3	1/1/2022	Serial	2.550	1,650,000	-	465,000	1,185,000	2
60416SCQ1	7/1/2022	Serial	2.550	1,680,000	-	485,000	1,195,000	2
60416SCR9	1/1/2023	Serial	2.750	1,710,000	-	515,000	1,195,000	2
60416SCS7	7/1/2023	Serial	2.750	1,740,000	-	540,000	1,200,000	2
60416SCT5	7/1/2033	Term (a)	3.600	8,180,000	-	2,335,000	5,845,000	2
60416SCU2	7/1/2038	Term (b)	3.800	11,260,000	-	3,225,000	8,035,000	2
60416SCV0	7/1/2043	Term (c)	3.900	9,455,000	-	2,695,000	6,760,000	2
				<b>\$ 42,310,000</b>	<b>\$ -</b>	<b>\$ 12,090,000</b>	<b>\$ 30,220,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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  
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**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	-	750,000	480,000	2
60416SFL9	1/1/2020	Serial	2.100	1,220,000	-	740,000	480,000	2
60416SFM7	7/1/2020	Serial	2.200	1,215,000	-	735,000	480,000	2
60416SFN5	1/1/2021	Serial	2.500	1,210,000	-	730,000	480,000	2
60416SFP0	7/1/2021	Serial	2.600	1,205,000	-	725,000	480,000	2
60416SFQ8	1/1/2022	Serial	2.800	1,200,000	-	715,000	485,000	2
60416SFR6	7/1/2022	Serial	2.900	1,200,000	-	715,000	485,000	2
60416SFS4	1/1/2023	Serial	3.050	1,200,000	-	715,000	485,000	2
60416SFT2	7/1/2023	Serial	3.100	1,200,000	-	715,000	485,000	2
60416SFU9	1/1/2024	Serial	3.300	1,200,000	-	715,000	485,000	2
60416SFW5	7/1/2024	Serial	3.350	1,200,000	-	715,000	485,000	2
60416SFX3	1/1/2027	Term (a)	3.750	5,095,000	-	3,085,000	2,010,000	2
60416SFV7	7/1/2038	Term (b)	4.000	20,770,000	-	11,505,000	9,265,000	1
				<b>\$ 50,000,000</b>	<b>\$ 7,940,000</b>	<b>\$ 25,475,000</b>	<b>\$ 16,585,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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  
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**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	-	825,000	380,000	2
60416SGJ3	1/1/2020	Serial	2.000	1,195,000	-	815,000	380,000	2
60416SGK0	7/1/2020	Serial	2.100	1,195,000	-	815,000	380,000	2
60416SGL8	1/1/2021	Serial	2.350	1,190,000	-	810,000	380,000	2
60416SGM6	7/1/2021	Serial	2.450	1,185,000	-	805,000	380,000	2
60416SGN4	1/1/2022	Serial	2.700	1,185,000	-	805,000	380,000	2
60416SGP9	7/1/2022	Serial	2.750	1,185,000	-	805,000	380,000	2
60416SGQ7	1/1/2023	Serial	2.950	1,185,000	-	805,000	380,000	2
60416SGR5	7/1/2023	Serial	2.950	1,185,000	-	805,000	380,000	2
60416SGS3	1/1/2024	Serial	3.050	1,190,000	-	810,000	380,000	2
60416SGT1	7/1/2024	Serial	3.050	1,190,000	-	810,000	380,000	2
60416SGW4	1/1/2025	Serial	3.200	1,195,000	-	810,000	385,000	2
60416SGX2	7/1/2025	Serial	3.200	1,200,000	-	815,000	385,000	2
60416SGY0	1/1/2026	Serial	3.350	1,205,000	-	820,000	385,000	2
60416SGU8	7/1/2026	Serial	3.350	380,000	-	260,000	120,000	2
60416SGV6	1/1/2038	Term (a)	4.000	22,460,000	-	12,350,000	10,110,000	1
				<b>\$ 50,000,000</b>	<b>\$ 7,905,000</b>	<b>\$ 26,530,000</b>	<b>\$ 15,565,000</b>	

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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  
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**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	-	40,060,000	44,165,000	1
				<b>\$ 143,145,000</b>	<b>\$ 21,485,000</b>	<b>\$ 56,595,000</b>	<b>\$ 65,065,000</b>	

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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  
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**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  
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**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
				<b>\$ 76,000,000</b>	<b>\$ -</b>	<b>\$ 26,920,000</b>	<b>\$ 49,080,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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  
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**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	\$ -	\$ 19,080,000	\$ 23,990,000	1
				\$ 43,070,000	\$ -	\$ 19,080,000	\$ 23,990,000	

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  
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**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	-	820,000	1,270,000	2
60416SLC2	7/1/2026	Serial	3.10	2,135,000	-	845,000	1,290,000	2
60416SLD0	7/1/2031	Term(a)	3.60	24,245,000	-	9,475,000	14,770,000	2
				<b>\$ 61,780,000</b>	<b>\$ 7,375,000</b>	<b>\$ 22,530,000</b>	<b>\$ 31,875,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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  
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**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
				\$ 18,225,000	\$ -	\$ -	\$ 18,225,000	

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

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

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

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

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

\*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on March 31, 2019 was 1.53%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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	-	1,005,000	1,355,000	2
60416SMS6	1/1/2020	Serial	1.900	2,395,000	-	1,025,000	1,370,000	2
60416SMT4	7/1/2020	Serial	2.000	2,435,000	-	1,035,000	1,400,000	2
60416SMU1	1/1/2021	Serial	2.150	2,475,000	-	1,050,000	1,425,000	2
60416SMV9	7/1/2021	Serial	2.250	2,515,000	-	1,065,000	1,450,000	2
60416SMW7	1/1/2022	Serial	2.350	2,560,000	-	1,090,000	1,470,000	2
60416SMX5	7/1/2022	Serial	2.450	2,610,000	-	1,110,000	1,500,000	2
60416SMY3	1/1/2023	Serial	2.650	1,930,000	-	820,000	1,110,000	2
60416SMZ0	1/1/2046	Term(a)	3.500	64,500,000	-	25,080,000	39,420,000	1
				<b>\$ 96,930,000</b>	<b>\$ 10,385,000</b>	<b>\$ 36,045,000</b>	<b>\$ 50,500,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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  
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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	-	1,145,000	1,570,000	2
60416SNC0	1/1/2024	Serial	2.600	2,770,000	-	1,175,000	1,595,000	2
60416SND8	7/1/2024	Serial	2.650	2,830,000	-	1,195,000	1,635,000	2
60416SNE6	1/1/2025	Serial	2.750	2,890,000	-	1,225,000	1,665,000	2
60416SNF3	7/1/2025	Serial	2.800	2,955,000	-	1,250,000	1,705,000	2
60416SNG1	1/1/2026	Serial	2.900	3,020,000	-	1,280,000	1,740,000	2
60416SNJ5	7/1/2026	Serial	2.950	3,090,000	-	1,315,000	1,775,000	2
60416SNH9	7/1/2029	Term(a)	3.300	18,515,000	-	7,825,000	10,690,000	2
				<b>\$ 39,515,000</b>	<b>\$ -</b>	<b>\$ 16,720,000</b>	<b>\$ 22,795,000</b>	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
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**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
				\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	

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

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

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

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

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

\*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on March 31, 2019 was 1.50%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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	-	450,000	1,150,000	2
60416SNT3	1/1/2020	Serial	1.500	1,625,000	-	450,000	1,175,000	2
60416SNU0	7/1/2020	Serial	1.550	1,650,000	-	455,000	1,195,000	2
60416SNV8	1/1/2021	Serial	1.700	1,670,000	-	475,000	1,195,000	2
60416SNW6	7/1/2021	Serial	1.750	1,700,000	-	480,000	1,220,000	2
60416SNX4	1/1/2022	Serial	1.950	1,725,000	-	480,000	1,245,000	2
60416SNY2	7/1/2022	Serial	2.000	1,750,000	-	495,000	1,255,000	2
60416SNZ9	1/1/2023	Serial	2.100	1,790,000	-	500,000	1,290,000	2
60416SPA2	7/1/2023	Serial	2.150	1,820,000	-	520,000	1,300,000	2
60416SPB0	1/1/2024	Serial	2.250	1,845,000	-	525,000	1,320,000	2
60416SPC8	7/1/2024	Serial	2.300	1,885,000	-	525,000	1,360,000	2
60416SPD6	1/1/2025	Serial	2.450	1,920,000	-	545,000	1,375,000	2
60416SPE4	7/1/2025	Serial	2.500	1,960,000	-	565,000	1,395,000	2
60416SPF1	1/1/2026	Serial	2.650	1,995,000	-	570,000	1,425,000	2
60416SPG9	7/1/2026	Serial	2.700	2,040,000	-	575,000	1,465,000	2
60416SPH7	7/1/2031	Term (a)	3.100	23,180,000	-	6,550,000	16,630,000	2
60416SPJ3	1/1/2033	Term (b)	3.200	7,285,000	-	2,050,000	5,235,000	2
				<b>\$ 63,135,000</b>	<b>\$ 4,675,000</b>	<b>\$ 17,230,000</b>	<b>\$ 41,230,000</b>	

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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  
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**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	\$ -	\$ 4,425,000	\$ 11,255,000	2
60416SPL8	1/1/2037	Term (b)	3.150	9,850,000	-	2,780,000	7,070,000	2
60416SPM6	7/1/2046	Term (c)	3.500	49,455,000	-	17,945,000	31,510,000	1
				<u>\$ 74,985,000</u>	<u>\$ -</u>	<u>\$ 25,150,000</u>	<u>\$ 49,835,000</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.

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

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Principal Outstanding	Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions		
60416SPN4	1/1/2017	Serial	1.200	\$ 600,000	\$ 540,000	\$ 60,000	\$ -	2
60416SPP9	1/1/2018	Serial	1.550	1,200,000	900,000	300,000	-	2
60416SPQ7	1/1/2019	Serial	1.850	815,000	505,000	310,000	-	2
60416SPR5	1/1/2020	Serial	2.200	425,000	-	145,000	280,000	2
60416SPS3	1/1/2021	Serial	2.450	450,000	-	165,000	285,000	2
60416SPT1	1/1/2022	Serial	2.700	470,000	-	175,000	295,000	2
60416SPU8	1/1/2023	Serial	2.900	500,000	-	200,000	300,000	2
60416SPV6	1/1/2024	Serial	3.050	530,000	-	210,000	320,000	2
60416SPW4	1/1/2025	Serial	3.250	560,000	-	235,000	325,000	2
60416SPX2	1/1/2026	Serial	3.350	590,000	-	265,000	325,000	2
60416SPY0	7/1/2031	Term (a)	3.800	3,900,000	-	1,560,000	2,340,000	2
60416SPZ7	7/1/2037	Term (b)	4.200	5,550,000	-	2,240,000	3,310,000	2
				<b>\$ 15,590,000</b>	<b>\$ 1,945,000</b>	<b>\$ 5,865,000</b>	<b>\$ 7,780,000</b>	

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

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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
				<b>\$ 11,340,000</b>	<b>\$ 5,585,000</b>	<b>\$ 1,705,000</b>	<b>\$ 4,050,000</b>	

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

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

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

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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	-	8,955,000	24,575,000	1
				<b>\$ 75,005,000</b>	<b>\$ -</b>	<b>\$ 17,410,000</b>	<b>\$ 57,595,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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  
Information as of March 31, 2019**



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

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

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

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

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

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

\*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on March 31, 2019 was 1.53%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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	-	420,000	1,110,000	2
60416STJ9	1/1/2020	Serial	1.500	1,550,000	-	420,000	1,130,000	2
60416STK6	7/1/2020	Serial	1.550	1,570,000	-	425,000	1,145,000	2
60416STL4	1/1/2021	Serial	1.700	1,590,000	-	430,000	1,160,000	2
60416STM2	7/1/2021	Serial	1.750	1,610,000	-	430,000	1,180,000	2
60416STN0	1/1/2022	Serial	1.900	1,630,000	-	430,000	1,200,000	2
60416STP5	7/1/2022	Serial	1.950	1,655,000	-	440,000	1,215,000	2
60416STQ3	1/1/2023	Serial	2.100	1,680,000	-	445,000	1,235,000	2
60416STR1	7/1/2023	Serial	2.150	1,705,000	-	450,000	1,255,000	2
60416STS9	1/1/2024	Serial	2.250	1,730,000	-	460,000	1,270,000	2
60416STT7	7/1/2024	Serial	2.300	1,760,000	-	475,000	1,285,000	2
60416STU4	1/1/2025	Serial	2.450	1,790,000	-	480,000	1,310,000	2
60416STV2	7/1/2025	Serial	2.500	1,820,000	-	480,000	1,340,000	2
60416STW0	1/1/2026	Serial	2.650	1,855,000	-	490,000	1,365,000	2
60416STX8	7/1/2026	Serial	2.700	1,890,000	-	505,000	1,385,000	2
60416STY6	1/1/2027	Serial	2.800	1,925,000	-	515,000	1,410,000	2
60416STZ3	7/1/2027	Serial	2.850	1,965,000	-	530,000	1,435,000	2
60416SUA6	7/1/2030	Term(a)	3.200	10,690,000	-	2,850,000	7,840,000	2
				<b>\$ 43,455,000</b>	<b>\$ 2,860,000</b>	<b>\$ 11,325,000</b>	<b>\$ 29,270,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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	\$ -	\$ 1,000,000	\$ 2,730,000	2
60416SUC2	7/1/2047	Term (b)	4.000	33,660,000	-	5,010,000	28,650,000	1
				<u>\$ 37,390,000</u>	<u>\$ -</u>	<u>\$ 6,010,000</u>	<u>\$ 31,380,000</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  
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**Residential Housing Finance Bonds, 2017 Series C**

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

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

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

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

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

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

\*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on March 31, 2019 was 1.53%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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	-	100,000	1,410,000	2
60416SVH0	1/1/2020	Serial	2.000	1,530,000	-	100,000	1,430,000	2
60416SVJ6	7/1/2020	Serial	2.050	1,550,000	-	105,000	1,445,000	2
60416SVK3	1/1/2021	Serial	2.200	1,575,000	-	105,000	1,470,000	2
60416SVL1	7/1/2021	Serial	2.250	1,595,000	-	105,000	1,490,000	2
60416SVM9	1/1/2022	Serial	2.350	1,620,000	-	110,000	1,510,000	2
60416SVN7	7/1/2022	Serial	2.400	1,645,000	-	110,000	1,535,000	2
60416SVP2	1/1/2023	Serial	2.450	1,670,000	-	110,000	1,560,000	2
60416SVQ0	7/1/2023	Serial	2.500	1,695,000	-	110,000	1,585,000	2
60416SVR8	1/1/2024	Serial	2.550	1,725,000	-	110,000	1,615,000	2
60416SVS6	7/1/2024	Serial	2.600	1,750,000	-	110,000	1,640,000	2
60416SVT4	1/1/2025	Serial	2.750	1,780,000	-	110,000	1,670,000	2
60416SVU1	7/1/2025	Serial	2.800	1,810,000	-	120,000	1,690,000	2
60416SVV9	1/1/2026	Serial	2.900	1,845,000	-	120,000	1,725,000	2
60416SVW7	7/1/2026	Serial	2.900	1,875,000	-	120,000	1,755,000	2
60416SVX5	1/1/2027	Serial	2.950	1,910,000	-	120,000	1,790,000	2
60416SVY3	7/1/2027	Serial	3.000	1,950,000	-	120,000	1,830,000	2
60416SVZ0	1/1/2028	Serial	3.100	1,985,000	-	135,000	1,850,000	2
60416SWA4	7/1/2028	Serial	3.150	2,025,000	-	135,000	1,890,000	2
60416SWB2	1/1/2030	Term(a)	3.300	5,355,000	-	350,000	5,005,000	2
				<b>\$ 41,145,000</b>	<b>\$ 2,645,000.00</b>	<b>\$ 2,605,000</b>	<b>\$ 35,895,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
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**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  
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**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	\$ -	\$ 1,260,000	\$ 17,975,000	2
60416SWD8	1/1/2048	Term (b)	4.000	43,840,000	-	3,300,000	40,540,000	1
				<u>\$ 63,075,000</u>	<u>\$ -</u>	<u>\$ 4,560,000</u>	<u>\$ 58,515,000</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 March 31, 2019**



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

CUSIP**	Maturity Date	Bond Type	Interest Rate	Non-AMT			Call Priority (Note A and B)	
				Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
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 March 31, 2019 was 1.50%.

\*\* 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 March 31, 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	-	25,000	550,000	2
60416SWJ5	1/1/2020	Serial	2.050	575,000	-	25,000	550,000	2
60416SWK2	7/1/2020	Serial	2.200	585,000	-	25,000	560,000	2
60416SWL0	1/1/2021	Serial	2.350	590,000	-	30,000	560,000	2
60416SWM8	7/1/2021	Serial	2.450	600,000	-	35,000	565,000	2
60416SWN6	1/1/2022	Serial	2.500	610,000	-	35,000	575,000	2
60416SWP1	7/1/2022	Serial	2.550	615,000	-	40,000	575,000	2
60416SWQ9	1/1/2023	Serial	2.650	630,000	-	40,000	590,000	2
60416SWR7	7/1/2023	Serial	2.700	570,000	-	25,000	545,000	2
60416SWS5	1/1/2024	Serial	2.850	550,000	-	25,000	525,000	2
60416SWT3	7/1/2024	Serial	2.900	590,000	-	25,000	565,000	2
60416SWU0	1/1/2025	Serial	3.000	930,000	-	45,000	885,000	2
60416SWV8	7/1/2025	Serial	3.050	950,000	-	45,000	905,000	2
60416SWW6	1/1/2026	Serial	3.150	965,000	-	45,000	920,000	2
60416SWX4	7/1/2026	Serial	3.250	985,000	-	50,000	935,000	2
60416SWY2	1/1/2027	Serial	3.350	1,005,000	-	50,000	955,000	2
60416SWZ9	7/1/2027	Serial	3.400	1,030,000	-	55,000	975,000	2
60416SXA3	1/1/2028	Serial	3.450	1,050,000	-	55,000	995,000	2
60416SXB1	7/1/2028	Serial	3.500	1,180,000	-	70,000	1,110,000	2
60416SXC9	7/1/2032	Term(a)	3.625	13,855,000	-	710,000	13,145,000	2
				<b>\$ 28,820,000</b>	<b>\$ 370,000</b>	<b>\$ 1,465,000</b>	<b>\$ 26,985,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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.

\*\* 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 March 31, 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	-	-	100,000	2
60416S XK1	7/1/2022	Serial	2.200	100,000	-	-	100,000	2
60416SXL9	1/1/2023	Serial	2.300	100,000	-	-	100,000	2
60416SXM7	7/1/2023	Serial	2.350	175,000	-	15,000	160,000	2
60416S XN5	1/1/2024	Serial	2.500	200,000	-	15,000	185,000	2
60416SXP0	7/1/2024	Serial	2.550	200,000	-	15,000	185,000	2
60416S XQ8	7/1/2033	Term (a)	3.450	5,380,000	-	270,000	5,110,000	2
60416SXR6	7/1/2037	Term (b)	3.650	11,950,000	-	610,000	11,340,000	2
60416SXS4	7/1/2048	Term (c)	4.000	24,975,000	-	885,000	24,090,000	1
				<b>\$ 43,680,000</b>	<b>\$ -</b>	<b>\$ 1,835,000</b>	<b>\$ 41,845,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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 March 31, 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	-	-	810,000	2
60416SYB0	1/1/2023	Serial	3.450	825,000	-	-	825,000	2
60416SYC8	7/1/2023	Serial	3.500	845,000	-	5,000	840,000	2
60416SYD6	1/1/2024	Serial	3.550	870,000	-	5,000	865,000	2
60416SYE4	7/1/2024	Serial	3.600	865,000	-	5,000	860,000	2
60416SYF1	1/1/2025	Serial	3.650	760,000	-	-	760,000	2
60416SYG9	7/1/2025	Serial	3.700	775,000	-	-	775,000	2
60416SYH7	1/1/202	Serial	3.750	795,000	-	-	795,000	2
60416SYJ3	7/1/2026	Serial	3.800	815,000	-	-	815,000	2
60416SYK0	1/1/2027	Serial	3.850	835,000	-	-	835,000	2
60416SYL8	7/1/2027	Serial	3.900	855,000	-	5,000	850,000	2
60416SYM6	1/1/2028	Serial	3.950	875,000	-	10,000	865,000	2
60416SYN4	7/1/2028	Serial	4.000	795,000	-	-	795,000	2
60416SYP9	7/1/2033	Term (a)	4.200	3,385,000	-	5,000	3,380,000	2
60416SYQ7	7/1/2040	Term (b)	4.450	5,805,000	-	15,000	5,790,000	2
				<b>\$ 25,000,000</b>	<b>\$ 620,000</b>	<b>\$ 50,000</b>	<b>\$ 24,330,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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.

\*\* 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 March 31, 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 March 31, 2019 was 1.93%.

\*\* 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 March 31, 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	-	-	1,195,000	2
60416SA67	7/1/2027	Serial	3.150	1,220,000	-	-	1,220,000	2
60416SA75	1/1/2028	Serial	3.300	1,245,000	-	-	1,245,000	2
60416SA83	7/1/2028	Serial	3.350	1,275,000	-	-	1,275,000	2
60416SA91	1/1/2029	Serial	3.400	1,305,000	-	-	1,305,000	2
60416SB25	7/1/2029	Serial	3.450	1,335,000	-	-	1,335,000	2
60416SB33	1/1/2030	Serial	3.550	1,365,000	-	-	1,365,000	2
60416SB41	7/1/2030	Serial	3.600	1,405,000	-	-	1,405,000	2
60416SB58	1/1/2033	Term(a)	3.800	6,840,000	-	-	6,840,000	2
60416SB66	1/1/2049	Term(b)	4.250	47,650,000	-	-	47,650,000	1
				<b>\$ 65,200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,200,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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 March 31, 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	\$ -	\$ -	470,000	2
60416SB82	1/1/2020	Serial	2.400	930,000	-	-	930,000	2
60416SB90	7/1/2020	Serial	2.500	945,000	-	-	945,000	2
60416SC24	1/1/2021	Serial	2.650	960,000	-	-	960,000	2
60416SC32	7/1/2021	Serial	2.750	970,000	-	-	970,000	2
60416SC40	1/1/2022	Serial	2.850	990,000	-	-	990,000	2
60416SC57	7/1/2022	Serial	2.950	1,005,000	-	-	1,005,000	2
60416SC65	1/1/2023	Serial	3.000	1,025,000	-	-	1,025,000	2
60416SC73	7/1/2023	Serial	3.050	1,040,000	-	-	1,040,000	2
60416SC81	1/1/2024	Serial	3.100	1,060,000	-	-	1,060,000	2
60416SC99	7/1/2024	Serial	3.150	1,080,000	-	-	1,080,000	2
60416SD23	1/1/2025	Serial	3.250	1,100,000	-	-	1,100,000	2
60416SD31	7/1/2025	Serial	3.300	1,125,000	-	-	1,125,000	2
60416SD49	1/1/2026	Serial	3.400	1,145,000	-	-	1,145,000	2
60416SD49	7/1/2026	Serial	3.500	955,000	-	-	955,000	2
				<b>\$ 14,800,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 14,800,000</b>	

continued and notes appear on next page

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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 March 31, 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	Call Priority (Note A and B)
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	-	-	405,000	2
60416SF96	1/1/2029	Serial	4.200	415,000	-	-	415,000	2
60416SG20	7/1/2029	Serial	4.250	425,000	-	-	425,000	2
60416SG38	7/1/2033	Term (a)	4.450	3,790,000	-	-	3,790,000	2
60416SG46	7/1/2038	Term (b)	4.630	5,935,000	-	-	5,935,000	2
60416SG53	1/1/2049	Term (c)	4.730	18,265,000	-	-	18,265,000	2
				<b>\$ 35,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 35,000,000</b>	

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION  
BONDS OUTSTANDING AND CALL PRIORITY  
Information as of March 31, 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.

\*\* 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 March 31, 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
				<u>\$ 35,000,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 35,000,000</u>	

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

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

Note B: Call priority #2 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 March 31, 2019 was 2.05%.

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

## Residential Housing Finance Bond Resolution Summary of Special Redemption Provisions Information as of March 31, 2019

<b>Residential Housing Finance 2006 N</b>	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> Prepayments must be applied first to redeem Series N 2037 PAC Term Bonds in accordance with the cumulative redemption schedule and second may be applied to redeem any outstanding Bonds selected by Agency option (other than Series N 2037 PAC Term Bonds if in excess of their respective cumulative redemption schedules).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds, but with respect to the Series N 2037 PAC Term Bonds not in excess of their respective cumulative redemption schedules.</p>

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

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of March 31, 2019**

<b>Residential Housing Finance 2009 Series D and E</b>															
Call From Unexpended Proceeds	N/A														
Call Date From Unexpended Proceeds	N/A														
Call Priority From Unexpended Proceeds	N/A														
Call From Prepayments or Excess Revenue	Yes														
Call Date From Prepayments or Excess Revenue	Anytime														
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <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 March 31, 2019

<b>Residential Housing Finance 2012 Series A, B, C and D</b>							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency (exclusive of prepayments allocable to Unrestricted Transferred Program Loans as described in the Official Statement).</p> <p>10-Year Rule Requirements</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">April 26, 2012 to April 25, 2022</td> <td style="text-align: center;">58.97%</td> </tr> <tr> <td style="text-align: center;">April 26, 2022 and thereafter</td> <td style="text-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 March 31, 2019

<b>Residential Housing Finance 2013 Series A, B and C</b>							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">June 20, 2013 to December 31, 2022</td> <td style="text-align: center;">49.30%</td> </tr> <tr> <td style="text-align: center;">January 1, 2023 and thereafter</td> <td style="text-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 March 31, 2019**

<b>Residential Housing Finance 2014 Series A</b>							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">March 26, 2014 to March 25, 2024</td> <td align="center">0.00%</td> </tr> <tr> <td align="center">March 26, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series A July 2038 PAC Term bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series A July 2038 PAC Term bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A July 2038 PAC Term bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A July 2038 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	March 26, 2014 to March 25, 2024	0.00%	March 26, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
March 26, 2014 to March 25, 2024	0.00%						
March 26, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of March 31, 2019**

<b>Residential Housing Finance 2014 Series B</b>							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>April 30, 2014 to April 29, 2024</td> <td align="center">0.00%</td> </tr> <tr> <td>April 30, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series B January 2038 PAC Term bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B January 2038 PAC Term bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B January 2038 PAC Term bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B January 2038 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	April 30, 2014 to April 29, 2024	0.00%	April 30, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
April 30, 2014 to April 29, 2024	0.00%						
April 30, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of March 31, 2019**

<b>Residential Housing Finance 2014 Series C, D and E</b>							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">December 16, 2014 to December 15, 2024</td> <td align="center">65.94%</td> </tr> <tr> <td align="center">December 16, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series C January 2045 PAC Term bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series C January 2045 PAC Term bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series C January 2045 PAC Term bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series C January 2045 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	December 16, 2014 to December 15, 2024	65.94%	December 16, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
December 16, 2014 to December 15, 2024	65.94%						
December 16, 2024 and thereafter	100.00						

## Residential Housing Finance Bond Resolution Summary of Special Redemption Provisions Information as of March 31, 2019

<b>Residential Housing Finance 2015 Series A, C and D</b>							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">August 11, 2015 to August 10, 2025</td> <td style="text-align: center;">47.52%</td> </tr> <tr> <td style="text-align: center;">August 11, 2025 and thereafter</td> <td style="text-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 March 31, 2019**

<b>Residential Housing Finance 2015 Series E, F and G</b>							
Call From Unexpended Proceeds	N/A						
Call Date From Unexpended Proceeds	N/A						
Call Priority From Unexpended Proceeds	N/A						
Call From Prepayments or Excess Revenue	Yes						
Call Date From Prepayments or Excess Revenue	Anytime						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">December 8, 2015 to December 7, 2025</td> <td align="center">56.73%</td> </tr> <tr> <td align="center">December 8, 2025 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series E January 2046 PAC Term bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E January 2046 PAC Term bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2046 PAC Term bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2046 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	December 8, 2015 to December 7, 2025	56.73%	December 8, 2025 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
December 8, 2015 to December 7, 2025	56.73%						
December 8, 2025 and thereafter	100.00						

## Residential Housing Finance Bond Resolution Summary of Special Redemption Provisions Information as of March 31, 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 style="margin-left: 40px;"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>June 22, 2016 to June 21, 2026</td> <td style="text-align: center;">47.22%</td> </tr> <tr> <td>June 22, 2026 and thereafter</td> <td style="text-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 March 31, 2019**

<b>Residential Housing Finance 2016 Series D, E and F</b>																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
Call From Prepayments or Excess Revenue	Yes																						
Call Date From Prepayments or Excess Revenue	Anytime																						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>December 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>																						
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																						
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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																						

## Residential Housing Finance Bond Resolution Summary of Special Redemption Provisions Information as of March 31, 2019

Residential Housing Finance 2017 Series A, B and C																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
Call From Prepayments or Excess Revenue	Yes																						
Call Date From Prepayments or Excess Revenue	Anytime																						
Call Priority From Prepayments or Excess Revenue	<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 style="margin-left: 40px;"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>July 19, 2017 to June 30, 2018</td> <td style="text-align: right;">66.67%</td> </tr> <tr> <td>July 1, 2018 to June 30, 2020</td> <td style="text-align: right;">67.07</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td style="text-align: right;">68.53</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td style="text-align: right;">69.87</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td style="text-align: right;">72.18</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td style="text-align: right;">76.38</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td style="text-align: right;">80.07</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td style="text-align: right;">85.40</td> </tr> <tr> <td>July 1, 2026 to July 18, 2027</td> <td style="text-align: right;">85.82</td> </tr> <tr> <td>July 19, 2027 and thereafter</td> <td style="text-align: right;">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series B July 2047 PAC Term bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B July 2047 PAC Term bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2047 PAC Term bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2047 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	July 19, 2017 to June 30, 2018	66.67%	July 1, 2018 to June 30, 2020	67.07	July 1, 2020 to June 30, 2021	68.53	July 1, 2021 to June 30, 2022	69.87	July 1, 2022 to June 30, 2023	72.18	July 1, 2023 to June 30, 2024	76.38	July 1, 2024 to June 30, 2025	80.07	July 1, 2025 to June 30, 2026	85.40	July 1, 2026 to July 18, 2027	85.82	July 19, 2027 and thereafter	100.00
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## Residential Housing Finance Bond Resolution Summary of Special Redemption Provisions Information as of March 31, 2019

Residential Housing Finance 2017 Series D, E and F																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
Call From Prepayments or Excess Revenue	Yes																						
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## Residential Housing Finance Bond Resolution Summary of Special Redemption Provisions Information as of March 31, 2019

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 style="margin-left: 40px;"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>June 28, 2018 to June 30, 2020</td> <td style="text-align: right;">24.91%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td style="text-align: right;">27.79</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td style="text-align: right;">29.73</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td style="text-align: right;">33.12</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td style="text-align: right;">37.64</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td style="text-align: right;">43.42</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td style="text-align: right;">51.93</td> </tr> <tr> <td>July 1, 2026 to June 27, 2028</td> <td style="text-align: right;">54.65</td> </tr> <tr> <td>June 28, 2028 and thereafter</td> <td style="text-align: right;">100.00</td> </tr> </tbody> </table> <p>Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series B July 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> <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</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 March 31, 2019

	<p>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																						
Call From Prepayments or Excess Revenue	Yes																						
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**Residential Housing Finance Bond Resolution  
Summary of Special Redemption Provisions  
Information as of March 31, 2019**

	<p>All prepayments must be applied first to redeem the Series E January 2049 PAC Term bonds in accordance with the cumulative redemption schedule. Tax-Exempt Receipts, to the extent required by federal tax law, must then be applied to redeem outstanding 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds selected by Agency option (other than the Series E January 2049 PAC Term bonds unless no other 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2049 PAC Term Bonds)).</p> <p>Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2018 Series G Bonds in excess of scheduled principal payments on 2018 Series G Bonds will be applied first to redeem Series E January 2049 PAC Term Bonds, if Tax-Exempt Receipts are insufficient, then to redeem 2018 Series G Bonds and then to redeem any outstanding Bonds at Agency option (including the 2018 Series E Bonds, 2018 Series F Bonds and 2018 Series H Bonds (other than the Series E January 2049 PAC Term Bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2049 PAC Term bonds beyond their cumulative redemption schedule).</p>
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**Residential Housing Finance Bond Resolution  
Tax Restricted Prepayments and Repayments  
Information as of March 31, 2019**



<b>RHFB 2009 DEF</b>	
Date	Percent
03/31/2019	100.00%

<b>RHFB 2012 ABCD</b>	
Date	Percent
03/31/2019	58.97%
04/26/2022	100.00%

<b>RHFB 2013 ABC</b>	
Date	Percent
03/31/2019	49.30%
01/01/2023	100.00%

<b>RHFB 2014 A</b>	
Date	Percent
03/31/2019	0.00%
03/26/2024	100.00%

<b>RHFB 2014 B</b>	
Date	Percent
03/31/2019	0.00%
04/30/2024	100.00%

<b>RHFB 2014 CDE</b>	
Date	Percent
03/31/2019	65.94%
12/16/2024	100.00%

<b>RHFB 2015 ABCD</b>	
Date	Percent
03/31/2019	47.52%
08/11/2025	100.00%

<b>RHFB 2015 EFG</b>	
Date	Percent
03/31/2019	56.73%
12/08/2025	100.00%

<b>RHFB 2016 AB*</b>	
Date	Percent
03/31/2019	47.22%
06/22/2026	100.00%

<b>RHFB 2016 DEF</b>	
Date	Percent
03/31/2019	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%

<b>RHFB 2017 ABC</b>	
Date	Percent
03/31/2019	67.18%
07/01/2020	68.62%
07/01/2021	69.94%
07/01/2022	72.21%
07/01/2023	76.34%
07/01/2024	79.97%
07/01/2025	85.22%
07/01/2026	85.64%
07/19/2027	100.00%

<b>RHFB 2017 DEF</b>	
Date	Percent
03/31/2019	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%

<b>RHFB 2018 ABD**</b>	
Date	Percent
03/31/2019	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%

<b>RHFB 2018 EFH***</b>	
Date	Percent
03/31/2019	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%

\* 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.

**Residential Housing Finance Bond Resolution  
Investments  
Information as of March 31, 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	453,987
None	Revenue	GNMA II POOL #755394	7/20/2040	4.25000	70,794
None	Revenue	GNMA II POOL #755398	7/20/2040	4.75000	208,152
None	Revenue	GNMA II POOL #755421	11/20/2040	4.00000	178,518
None	Revenue	GNMA II POOL #755423	10/20/2040	4.50000	148,316
None	Revenue	GNMA II POOL #755715	12/20/2040	4.00000	417,735
None	Revenue	GNMA II Pool #755712	12/20/2040	3.37500	223,246
None	Revenue	GNMA II Pool #755716	8/20/2040	4.12500	125,904
None	Revenue	GNMA II POOL #755719	11/20/2040	4.50000	348,019
None	Revenue	GNMA II POOL #755884	1/20/2041	3.62500	193,179
None	Revenue	GNMA II POOL #755885	1/20/2041	3.87500	371,056
None	Revenue	GNMA II Pool #755996	1/20/2041	4.12500	91,071
None	Revenue	GNMA II POOL #755997	1/20/2041	4.37500	109,298
None	Revenue	GNMA II POOL #755998	7/20/2040	4.62500	220,707
None	Revenue	GNMA II POOL #756018	1/20/2041	4.12500	142,967
None	Revenue	GNMA II POOL #756055	1/20/2041	4.12500	131,253
None	Revenue	GNMA II POOL #755753	1/20/2041	3.37500	169,013
None	Revenue	GNMA II Pool #755735	1/20/2041	3.37500	289,801
None	Revenue	GNMA II Pool #755737	1/20/2041	3.87500	300,802
None	Revenue	GNMA II Pool #755714	12/20/2040	3.87500	81,221
None	Revenue	GNMA II Pool #755799	1/20/2041	3.62500	109,702
None	Revenue	GNMA II Pool #AF0609	7/20/2043	2.50000	764,258
None	Revenue	FNMA POOL #AH5485	1/1/2041	4.12500	50,825
None	Revenue	FNMA Pool #AT9858	5/1/2043	2.90000	362,490
None	Revenue	FNMA Pool #AU7184	5/1/2043	3.00000	192,694
None	Revenue	FNMA Pool #AU7183	7/1/2043	3.00000	1,322,748
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	2.29326	48,771,944
06LMN	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	6,552
06LMN	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	2,500
06LMN	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	14,194
06LMN	Redemption	Government Money Market Fund	Daily	2.29326	3,540
07M	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	266,173
07M	Debt Service Reserve	Transamerica Life Insurance Company Inv. Agmt.	7/1/2048	5.26000	546,450
07M	Revenue	Government Money Market Fund	Daily	2.29326	263,112
09DEF	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	485,331
09DEF	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	280,000
09DEF	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	1,340,934
09DEF	Redemption	Government Money Market Fund	Daily	2.29326	310,000
09DEF	Revenue	Government Money Market Fund	Daily	2.29326	815,502
12ABCD	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	424,946
12ABCD	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	640,000

**Residential Housing Finance Bond Resolution  
Investments  
Information as of March 31, 2019**



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
12ABCD	Debt Service Reserve	FNMA Pool #AT7540	7/1/2043	2.90000 %	\$ 815,571
12ABCD	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	799,534
12ABCD	Redemption	Government Money Market Fund	Daily	2.29326	335,001
12ABCD	Revenue	Government Money Market Fund	Daily	2.29326	1,180,283
13ABC	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	301,709
13ABC	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	610,000
13ABC	Debt Service Reserve	FNMA Pool #AT7541	7/1/2043	3.02500	706,730
13ABC	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	599,723
13ABC	Redemption	Government Money Market Fund	Daily	2.29326	250,000
13ABC	Revenue	Government Money Market Fund	Daily	2.29326	1,083,369
14A	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	142,243
14A	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	227,500
14A	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	571,200
14A	Redemption	Government Money Market Fund	Daily	2.29326	610,000
14A	Revenue	Government Money Market Fund	Daily	2.29326	1,208,706
14B	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	133,917
14B	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	177,500
14B	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	542,700
14B	Redemption	Government Money Market Fund	Daily	2.29326	530,000
14B	Revenue	Government Money Market Fund	Daily	2.29326	1,315,297
14CDE	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	1,002,780
14CDE	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	1,132,500
14CDE	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	3,810,300
14CDE	Redemption	Government Money Market Fund	Daily	2.29326	790,000
14CDE	Revenue	Government Money Market Fund	Daily	2.29326	2,088,338
15ABCD	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	473,845
15ABCD	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	505,000
15ABCD	Debt Service Reserve	FNMA POOL #AT7535	6/1/2043	2.77500	548,472
15ABCD	Debt Service Reserve	FNMA POOL #AU3005	6/1/2043	2.90000	327,854
15ABCD	Debt Service Reserve	GNMA II POOL #AC8310	1/20/2043	2.50000	57,353
15ABCD	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	1,532,771
15ABCD	Redemption	Government Money Market Fund	Daily	2.29326	480,000
15ABCD	Revenue	Government Money Market Fund	Daily	2.29326	1,701,538
15EFG	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	569,639
15EFG	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	677,500
15EFG	Debt Service Reserve	FNMA POOL #AH099	12/1/2040	3.45000	99,750
15EFG	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	3,487,366
15EFG	Redemption	Government Money Market Fund	Daily	2.29326	695,000
15EFG	Revenue	Government Money Market Fund	Daily	2.29326	2,658,106
16ABC	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	757,486
16ABC	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	645,000
16ABC	Debt Service Reserve	FNMA Pool #AT9856	6/1/2043	2.65000	382,535
16ABC	Debt Service Reserve	FNMA Pool #AH5520	12/1/2040	3.45000	729,773
16ABC	Debt Service Reserve	GNMA II Pool #AC8376	2/20/2043	2.87500	553,883
16ABC	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	1,679,839
16ABC	Redemption	Government Money Market Fund	Daily	2.29326	585,000

**Residential Housing Finance Bond Resolution  
Investments  
Information as of March 31, 2019**



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
16ABC	Revenue	Government Money Market Fund	Daily	2.29326 %	\$ 2,959,392
16DEF	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	514,951
16DEF	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	650,000
16DEF	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	945,509
16DEF	Redemption	Government Money Market Fund	Daily	2.29326	490,000
16DEF	Revenue	Government Money Market Fund	Daily	2.29326	1,812,695
17ABC	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	484,997
17ABC	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	555,000
17ABC	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	1,575,070
17ABC	Redemption	Government Money Market Fund	Daily	2.29326	435,000
17ABC	Revenue	Government Money Market Fund	Daily	2.29326	2,380,559
17DEF	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	790,463
17DEF	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	702,500
17DEF	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	763,867
17DEF	Redemption	Government Money Market Fund	Daily	2.29326	560,000
17DEF	Revenue	Government Money Market Fund	Daily	2.29326	2,308,453
18ABCD	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	839,879
18ABCD	Bond Fund Principal	Government Money Market Fund	Daily	2.29326	691,250
18ABCD	Debt Service Reserve	Government Money Market Fund	Daily	2.29326	578,862
18ABCD	Redemption	Government Money Market Fund	Daily	2.29326	970,000
18ABCD	Revenue	Government Money Market Fund	Daily	2.29326	1,976,393
18EFGH	Bond Fund Interest	Government Money Market Fund	Daily	2.29326	1,286,200
18EFGH	Bond Fund Principal	Government Money Market Fund	Daily	3.23205	435,000
18EFGH	Revenue	Government Money Market Fund	Daily	2.29326	846,500
					<u>\$ 133,325,085</u>

**Residential Housing Finance Bond Resolution  
Debt Service Reserve Requirement  
Information as of March 31, 2019**

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

Debt Service Reserve Requirement

\$21,245,681

Value (Per Resolution)

\$22,898,544