Homeownership Finance Bond Resolution

Quarterly Disclosure Report
Information as of December 31, 2022
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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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Homeownership Finance Bond Resolution
Overview
Information as of December 31, 2022

Prior to 2010, the Agency issued bonds to finance single-family mortgage loans under its Residential Housing Finance Bond Resolution. When the United States Department of Treasury, Fannie Mae and Freddie Mac announced the Single Family New Issue Bond Program (the “NIBP”) in 2009, the Agency decided to adopt a new bond resolution to facilitate the issuance of bonds for purchase under the NIBP and to limit certain restrictions of the NIBP to newly issued bonds. As of July 1, 2021, all bonds that were issued under NIBP have been redeemed and all restrictions required by NIBP with respect to the Bond Resolution are no longer in effect.

In 2009, the Agency changed its single-family lending program from a “whole loan” to an “MBS” model. All of the outstanding Bonds under the Bond Resolution have been issued to finance 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 the acquisition of mortgage loans. The Agency has reserved the right, however, to issue Bonds under the Bond Resolution to finance the acquisition of qualifying mortgage loans if the issuance of such Bonds will not impair the rating of the then outstanding Bonds.

Additional information about the Bond Resolution is available in the Official Statements relating to the outstanding Bonds.

Refer to the disclaimer on page A-1

Homeownership Finance Bond Resolution
Bonds and Mortgage-Backed Securities Outstanding; Remaining Acquisition Account
Information as of December 31, 2022

Series	Bonds Outstanding	Mortgage-Backed Securities Outstanding	Remaining Acquisition Account Balance	Weighted Average Pass-Through Rate for Mortgage-Backed Securities (based on $ Amount Outstanding)
Contributed*	$ -	$ 1,207,297	$ -	4.62 %
2012A	6,954,115	7,502,941	-	3.47
2012B	14,078,283	14,655,704	-	3.30
2013A	16,800,172	17,413,562	-	2.93
2013B	13,436,512	13,361,251	-	3.99
2013C	8,217,248	8,125,224	-	2.86
2014A	3,591,571	3,580,046	-	3.98
2014BC	5,579,430	5,491,708	-	3.86
2014D	6,249,577	6,230,677	-	3.81
2015A	13,829,152	13,794,633	-	3.85
2015B	10,483,359	10,360,820	-	3.63
2015C	7,750,687	7,609,819	-	3.54
2015D	11,822,700	11,793,902	-	3.51
2016A	24,632,484	24,569,133	-	3.49
2016B	14,498,713	14,365,824	-	3.53
2016CD	19,874,909	19,774,976	-	3.21
2016EF	32,145,767	31,272,395	-	3.22
2016GH	18,121,246	18,078,537	-	3.10
2017AB	16,430,125	16,381,826	-	3.15
2017CD	17,719,320	17,675,663	-	3.33
2017EF	16,904,813	16,667,343	-	3.62
2017GH	47,746,618	47,330,516	-	3.61
2017IJ	39,339,490	39,022,660	-	3.55
2018AB	27,895,874	27,637,475	-	3.62
2018CD	18,152,629	18,115,821	-	3.68
2018EF	29,273,370	28,906,068	-	4.40
2018GH	20,793,100	20,593,524	-	4.52
2018IJ	17,425,771	17,396,789	-	4.55
2019AB	20,310,225	20,160,054	-	4.64
2019CD	17,559,293	17,530,226	-	4.50
2019E	14,861,089	14,584,763	-	4.38
2019F	22,691,019	22,488,490	-	4.31
2019G	43,614,481	43,368,205	-	4.26
2019H	21,140,032	20,940,740	-	3.98
2020A	29,912,748	29,855,547	-	3.20
2020BC	36,474,819	36,211,780	-	3.19
2020D	77,290,756	76,502,575	-	3.22
2020E	33,839,642	33,326,917	-	2.94
2021A	71,872,415	71,734,977	-	2.82
2021B	40,861,298	40,756,718	-	3.17
2021C	58,269,698	58,197,092	-	2.98
2021D	48,938,628	48,851,463	-	3.00
2022A	49,889,084	49,888,638	-	5.52
	$ 1,067,272,265	$ 1,063,314,319	$ -	3.74 %

* These mortgage-backed securities were purchased with Agency funds and contributed by the Agency to the Acquisition Account. They are not pledged to any specific series of Bonds.

This Section D identifies all mortgage-backed securities that have been pledged to the payment of outstanding Bonds under the Bond Resolution as of December 31, 2022. The mortgage-backed securities are organized by their funding source. Those mortgage-backed securities that were purchased with Agency funds and contributed to the Acquisition Account (and are not pledged to any particular series of Bonds but secure all outstanding Bonds equally and ratably) are identified as Contributed. Those mortgage-backed securities, including participation interests in a pool of mortgage-backed securities, that were acquired with proceeds of one or more series of Bonds are identified by the series designation of such Bonds and, where applicable, their participation interests are noted.

Homeownership Finance Bond Resolution
Pledged Mortgage-Backed Securities
Information as of December 31, 2022

Contributed

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755741	GNMA II	3.625 %	$ 82,321	$ -
755800	GNMA II	3.750	164,213	-
755755	GNMA II	3.875	192,815	-
768528	GNMA II	4.000	101,562	-
761451	GNMA II	4.125	69,889	-
743370	GNMA II	4.250	256,379	-
755462	GNMA II	4.250	60,289	-
769127	GNMA II	4.250	1,701,363	214,524
768555	GNMA II	4.375	284,473	-
769197	GNMA II	4.375	224,633	79,801
743373	GNMA II	4.500	267,189	-
755739	GNMA II	4.500	272,460	-
755757	GNMA II	4.500	104,920	-
769047	GNMA II	4.500	174,183	-
755514	GNMA II	4.625	146,785	-
755545	GNMA II	4.750	286,549	-
755721	GNMA II	4.750	72,628	
735285	GNMA II	4.875	420,180	130,164
735310	GNMA II	4.875	194,728	-
735385	GNMA II	4.875	278,777	115,531
735441	GNMA II	4.875	430,828	77,427
735679	GNMA II	4.875	135,550	-
743372	GNMA II	4.875	739,284	-
743430	GNMA II	4.875	576,690	106,915
743604	GNMA II	4.875	304,610	145,428
747580	GNMA II	4.875	227,254	-
747687	GNMA II	4.875	168,334	-
761423	GNMA II	4.875	120,807	-
735543	GNMA II	5.000	130,845	-
735544	GNMA II	5.125	149,051	-

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Contributed, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AH3182	FNMA	3.500 %	$ 51,149	$ -
AH0198	FNMA	4.125	71,633	-
AD5871	FNMA	4.750	87,132	-
AD5864	FNMA	4.875	95,268	-
AD6814	FNMA	4.875	99,180	-
AD8875	FNMA	4.875	145,091	37,915
AD8880	FNMA	4.875	91,875	-
AD9655	FNMA	4.875	54,242	-
AD9663	FNMA	4.875	70,680	-
AE2060	FNMA	4.875	125,575	-
AE2715	FNMA	4.875	139,481	102,182
AE4734	FNMA	4.875	205,623	-
AE4740	FNMA	4.875	69,684	53,276
AE6276	FNMA	4.875	157,006	-
AE6283	FNMA	4.875	87,802	66,177
AD3413	FNMA	4.937	109,346	77,957
AD3414	FNMA	5.062	110,620	-
Total Contributed			$ 10,110,976	$ 1,207,297

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2012A

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AA0742	GNMA II	3.125 %	$ 76,637	$ -
AA0767	GNMA II	3.125	102,872	28,820
AA0790	GNMA II	3.125	636,708	198,625
AB1324	GNMA II	3.125	624,514	132,010
AA0197	GNMA II	3.250	1,578,888	179,327
AA0507	GNMA II	3.250	1,184,995	193,863
AA0605	GNMA II	3.250	1,631,521	521,562
AA0619	GNMA II	3.250	2,714,725	637,920
AA0641	GNMA II	3.250	2,000,323	122,535
AA0694	GNMA II	3.250	1,387,799	217,103
AA0743	GNMA II	3.250	1,258,241	159,256
AA0768	GNMA II	3.250	1,694,686	-
AA0791	GNMA II	3.250	1,226,421	402,522
AB1325	GNMA II	3.250	1,208,468	216,503
799955	GNMA II	3.375	954,204	174,779
AA0468	GNMA II	3.375	260,129	-
AA0792	GNMA II	3.375	94,625	-
AA0642	GNMA II	3.500	116,668	-
AA0695	GNMA II	3.500	131,335	-
AA0744	GNMA II	3.500	93,723	-
AA0769	GNMA II	3.500	1,349,608	188,168
AA0793	GNMA II	3.500	1,521,075	103,321
AB1326	GNMA II	3.500	2,069,079	203,376
AA0470	GNMA II	3.625	158,144	-
AA0509	GNMA II	3.625	2,834,816	440,824
AA0606	GNMA II	3.625	3,278,641	518,448
AA0620	GNMA II	3.625	3,191,797	565,305
AA0643	GNMA II	3.625	3,885,759	312,674
AA0696	GNMA II	3.625	1,400,379	252,200

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2012A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AA0745	GNMA II	3.625 %	$ 2,998,617	$ 186,669
AA0770	GNMA II	3.625	3,970,772	640,955
AA0794	GNMA II	3.625	2,061,200	637,974
AB1327	GNMA II	3.625	1,233,764	268,201
AA0471	GNMA II	3.750	208,443	-
AA0510	GNMA II	3.750	176,454	-
AA0607	GNMA II	3.750	387,436	-
AA0697	GNMA II	3.750	90,108	-
AA0746	GNMA II	3.750	75,484	-
AA0795	GNMA II	3.750	131,675	-
Total 2012A			$ 50,000,732	$ 7,502,941

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2012B

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AB2025	GNMA II	2.500 %	$ 125,681	$ 93,284
AB1614	GNMA II	3.000	1,237,420	382,416
AB1641	GNMA II	3.000	691,069	71,272
AB1762	GNMA II	3.000	1,226,456	83,520
AB1879	GNMA II	3.000	763,342	311,099
AB1903	GNMA II	3.000	1,946,846	615,538
AB2026	GNMA II	3.000	1,198,817	162,630
AB1370	GNMA II	3.125	659,456	119,540
AB1444	GNMA II	3.125	1,198,537	365,082
AB1498	GNMA II	3.125	880,686	160,584
AB1557	GNMA II	3.125	943,128	172,634
AB1615	GNMA II	3.125	657,743	-
AB1642	GNMA II	3.125	134,322	102,396
AB1763	GNMA II	3.125	533,388	182,352
AB2027	GNMA II	3.125	740,724	559,478
AB1371	GNMA II	3.250	826,374	308,956
AB1445	GNMA II	3.250	858,477	181,035
AB1499	GNMA II	3.250	740,909	-
AB1558	GNMA II	3.250	787,061	-
AB1616	GNMA II	3.250	842,955	176,061
AB1643	GNMA II	3.250	1,373,165	129,461
AB1726	GNMA II	3.250	1,075,939	313,129
AB1764	GNMA II	3.250	786,321	-
AB1881	GNMA II	3.250	566,367	83,029
AB1905	GNMA II	3.250	652,229	191,989
AB2028	GNMA II	3.250	1,054,691	457,698
AB1372	GNMA II	3.375	580,414	93,031
AB1501	GNMA II	3.375	905,841	101,617
AB1559	GNMA II	3.375	531,045	77,932

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2012B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AB1617	GNMA II	3.375 %	$ 890,532	$ 80,765
AB1644	GNMA II	3.375	1,674,447	163,331
AB1727	GNMA II	3.375	1,336,002	182,147
AB1765	GNMA II	3.375	1,746,008	149,221
AB1882	GNMA II	3.375	1,328,768	546,171
AB1906	GNMA II	3.375	3,297,175	624,890
AB1922	GNMA II	3.375	1,534,471	348,388
AB2029	GNMA II	3.375	2,219,124	174,530
AB1373	GNMA II	3.500	1,258,243	347,368
AB1447	GNMA II	3.500	977,924	102,878
AB1467	GNMA II	3.500	2,649,322	284,164
AB1502	GNMA II	3.500	1,560,000	217,630
AB1560	GNMA II	3.500	1,289,246	263,342
AB1645	GNMA II	3.500	1,580,324	357,373
AB1728	GNMA II	3.500	969,718	159,664
AB1766	GNMA II	3.500	1,468,698	377,169
AB1907	GNMA II	3.500	803,852	94,674
AB1374	GNMA II	3.625	1,744,425	434,832
AB1448	GNMA II	3.625	1,021,682	127,712
AB1468	GNMA II	3.625	916,635	258,089
AB1469	GNMA II	3.750	44,703	34,749
AP5697	FNMA	3.025	379,570	150,740
AP5700	FNMA	3.025	217,282	-
AP5701	FNMA	3.025	1,578,617	207,570
AQ1934	FNMA	3.025	246,638	89,633
AQ2730	FNMA	3.025	177,953	-
AQ2734	FNMA	3.025	1,833,782	711,294
AQ3724	FNMA	3.025	140,299	-
AQ3730	FNMA	3.025	203,186	-

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2012B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AP4207	FNMA	3.150 %	$ 131,402	$ -
AP5698	FNMA	3.150	2,050,010	109,583
AQ1935	FNMA	3.150	223,942	71,297
AQ2732	FNMA	3.150	289,230	-
AQ2735	FNMA	3.150	431,996	98,731
AO8922	FNMA	3.275	194,074	-
AP0104	FNMA	3.275	73,700	55,343
AP0112	FNMA	3.275	339,812	121,636
AP1815	FNMA	3.275	131,268	102,151
AP1829	FNMA	3.275	136,603	-
AP4208	FNMA	3.275	341,820	110,054
AP5098	FNMA	3.275	134,996	-
AP5693	FNMA	3.275	409,229	116,637
AP5694	FNMA	3.275	1,795,852	138,529
AP5699	FNMA	3.275	494,353	-
AP8398	FNMA	3.400	75,282	-
AP9961	FNMA	3.400	77,775	59,986
AP9969	FNMA	3.400	157,882	120,067
AQ1936	FNMA	3.400	56,918	44,538
AP4212	FNMA	3.525	105,661	-
AP4221	FNMA	3.525	108,631	-
AP5099	FNMA	3.525	109,533	86,079
AP5103	FNMA	3.525	129,570	95,661
AQ1937	FNMA	3.525	158,185	120,079
AQ6023	FNMA	3.525	100,857	-
AP0113	FNMA	3.650	88,432	69,610
AP1830	FNMA	3.650	409,798	41,591
AP8399	FNMA	3.650	118,969	93,364

2012B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AP8410	FNMA	3.650 %	$ 91,540	$ -
AP1831	FNMA	3.775	78,733	-
Subtotal			68,654,084	13,639,023

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2012B, continued

2012B Participation Interest in the following Mortgage-Backed Securities (49.9969% of the principal payments and none of the interest payments paid to 2012B)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AB1497	GNMA II	3.000 %	$ 212,877	$ 112,003
AB1556	GNMA II	3.000	214,752	163,775
AB1724	GNMA II	3.000	413,923	-
AB1919	GNMA II	3.000	488,124	160,475
AB1725	GNMA II	3.125	304,729	83,019
AB1880	GNMA II	3.125	248,035	-
AB1904	GNMA II	3.125	84,033	-
AB1920	GNMA II	3.125	320,009	-
AB1921	GNMA II	3.250	445,324	-
AB1446	GNMA II	3.375	278,876	86,357
AB1618	GNMA II	3.500	421,599	-
AB1883	GNMA II	3.500	234,985	102,053
AB1923	GNMA II	3.500	385,053	-
AB1503	GNMA II	3.625	308,974	-
AB1561	GNMA II	3.625	258,242	79,752
AB1619	GNMA II	3.625	136,854	-
AB1646	GNMA II	3.625	378,903	-
AB1729	GNMA II	3.625	397,359	-
AB1767	GNMA II	3.625	158,319	-
AB1908	GNMA II	3.625	407,184	-
AB1924	GNMA II	3.625	62,523	-
AB2030	GNMA II	3.625	185,414	-
799858	GNMA II	3.250	55,750	-
AA0282	GNMA II	3.375	88,231	67,288
AA0342	GNMA II	3.375	177,369	-
AA0401	GNMA II	3.375	88,982	67,353

2012B, continued

2012B Participation Interest in the following Mortgage-Backed Securities (49.9969% of the principal payments and none of the interest payments paid to 2012B), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
793301	GNMA II	3.750 %	$ 2,811,748	$ 522,637
799957	GNMA II	3.750	2,722,740	476,854
799958	GNMA II	3.875	169,926	-
AO3773	FNMA	3.650	51,642	40,400
AO5870	FNMA	3.650	180,482	71,523
Subtotal			12,692,962	2,033,488
MBS Participation Interest (49.9969%)			6,346,087	1,016,681
Total 2012B			$ 75,000,171	$ 14,655,704

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2013A

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AB2181	GNMA II	2.500 %	$ 391,277	$ -
AB2223	GNMA II	2.500	551,795	407,114
AC7753	GNMA II	2.500	714,243	302,860
AC7834	GNMA II	2.500	463,733	54,755
AC7861	GNMA II	2.500	1,975,333	332,702
AC7868	GNMA II	2.500	108,989	-
AC7902	GNMA II	2.500	658,386	160,567
AC7966	GNMA II	2.500	676,805	117,083
AC8045	GNMA II	2.500	1,419,324	567,571
AC8050	GNMA II	2.500	82,357	62,237
AC8102	GNMA II	2.500	2,318,244	834,003
AC8182	GNMA II	2.500	757,061	182,758
AC8226	GNMA II	2.500	1,114,368	465,466
AB2115	GNMA II	2.750	428,797	144,503
AB2182	GNMA II	2.750	303,107	-
AB2224	GNMA II	2.750	303,553	-
AC7843	GNMA II	2.750	120,983	91,342
AC7862	GNMA II	2.750	111,886	-
AC8046	GNMA II	2.750	452,149	202,941
AB2085	GNMA II	2.875	108,609	-
AB2116	GNMA II	2.875	731,810	-
AB2183	GNMA II	2.875	851,481	297,357
AB2225	GNMA II	2.875	1,097,284	-
AB2231	GNMA II	2.875	104,071	-
AC7754	GNMA II	2.875	1,540,730	211,945
AC7835	GNMA II	2.875	1,922,001	520,357
AC7863	GNMA II	2.875	2,905,224	499,048
AC7903	GNMA II	2.875	1,482,544	500,959
AC7967	GNMA II	2.875	1,711,202	265,855

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2013A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AC8047	GNMA II	2.875 %	$ 2,944,370	$ 895,553
AC8183	GNMA II	2.875	1,613,962	174,846
AC8186	GNMA II	2.875	290,250	134,503
AC8227	GNMA II	2.875	5,182,680	1,133,140
AB2086	GNMA II	3.000	1,046,562	347,804
AB2092	GNMA II	3.000	589,215	-
AB2117	GNMA II	3.000	519,418	182,441
AB2122	GNMA II	3.000	193,957	141,018
AB2184	GNMA II	3.000	751,244	187,064
AB2226	GNMA II	3.000	261,822	173,166
AC7755	GNMA II	3.000	352,341	-
AC7760	GNMA II	3.000	111,653	76,103
AC7836	GNMA II	3.000	301,404	135,457
AC7864	GNMA II	3.000	97,703	69,988
AC7870	GNMA II	3.000	177,224	-
AC7904	GNMA II	3.000	313,663	-
AC8184	GNMA II	3.000	144,675	111,071
AB2087	GNMA II	3.125	491,778	-
AB2118	GNMA II	3.125	765,074	291,595
AB2185	GNMA II	3.125	358,542	146,569
AB2227	GNMA II	3.125	324,005	-
AC7837	GNMA II	3.125	249,672	157,826
AC7865	GNMA II	3.125	730,944	147,053
AC7905	GNMA II	3.125	111,004	-
AC7968	GNMA II	3.125	233,906	65,729
AC8048	GNMA II	3.125	520,632	-
AB2088	GNMA II	3.250	167,734	79,001
AB2094	GNMA II	3.250	470,181	67,187
AB2119	GNMA II	3.250	385,965	119,657

2013A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AB2186	GNMA II	3.250 %	$ 281,821	$ -
AB2228	GNMA II	3.250	133,246	-
AC7757	GNMA II	3.250	113,971	-
AC7838	GNMA II	3.250	216,556	-
AC7844	GNMA II	3.250	117,170	-
AC8229	GNMA II	3.250	146,318	-
AB2089	GNMA II	3.375	1,542,257	526,652
AB2095	GNMA II	3.375	109,124	-
AB2120	GNMA II	3.375	1,052,813	285,331
AB2124	GNMA II	3.375	298,261	-
AB2187	GNMA II	3.375	653,307	175,498
AB2191	GNMA II	3.375	204,282	65,823
AB2229	GNMA II	3.375	1,035,911	64,723
AC7758	GNMA II	3.375	1,211,895	193,161
AC7839	GNMA II	3.375	1,157,487	426,648
AC7845	GNMA II	3.375	112,120	87,240
AC7866	GNMA II	3.375	171,254	-
AC7872	GNMA II	3.375	221,942	-
AC7906	GNMA II	3.375	131,344	-
AC8049	GNMA II	3.375	241,083	-
AC8105	GNMA II	3.375	516,806	217,425
AB2090	GNMA II	3.500	170,402	-
AB2096	GNMA II	3.500	440,368	154,865
AB2121	GNMA II	3.500	122,089	-
AB2230	GNMA II	3.500	208,474	-
AC7840	GNMA II	3.500	263,537	-
AC7867	GNMA II	3.500	214,554	165,610
AC8230	GNMA II	3.500	109,901	-
AB2091	GNMA II	3.625	104,163	-

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2013A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AC7841	GNMA II	3.625 %	$ 158,397	$ -
AC8106	GNMA II	3.625	105,448	-
AR1329	FNMA	2.525	2,292,591	341,226
AR1332	FNMA	2.525	556,974	253,070
AR2975	FNMA	2.525	129,786	-
AR4962	FNMA	2.525	103,315	78,284
AR5594	FNMA	2.525	115,809	89,269
AR5609	FNMA	2.525	167,800	65,384
AR1330	FNMA	2.650	342,989	-
AQ2738	FNMA	2.655	1,031,029	114,711
AR1325	FNMA	2.655	549,638	-
AQ2739	FNMA	2.780	867,934	207,520
AR1326	FNMA	2.780	192,952	-
AR1331	FNMA	2.900	130,572	94,202
AR2976	FNMA	2.900	103,779	80,954
AR4961	FNMA	2.900	124,563	66,443
AR4963	FNMA	2.900	116,430	-
AR5595	FNMA	2.900	311,620	-
AR5604	FNMA	2.900	593,089	154,828
AR5610	FNMA	2.900	229,645	104,817
AR1323	FNMA	2.905	186,850	86,027
AR1327	FNMA	2.905	204,049	56,437
AQ2733	FNMA	3.025	531,344	110,622
AQ2737	FNMA	3.025	158,583	-
AR1328	FNMA	3.030	139,189	109,695
AP5692	FNMA	3.150	862,184	208,695
AP5695	FNMA	3.150	687,926	-
AQ2731	FNMA	3.150	656,792	152,171
AQ9156	FNMA	3.155	130,613	-

2013A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AP5696	FNMA	3.275 %	$ 701,834	$ 125,559
AQ7531	FNMA	3.400	288,011	154,831
AQ9146	FNMA	3.405	137,542	104,326
AP0105	FNMA	3.650	258,711	101,629
AP1816	FNMA	3.650	163,561	80,826
AP4209	FNMA	3.650	108,617	-
AP5104	FNMA	3.650	142,507	-
Subtotal			69,994,054	16,362,696

2013A, continued

2013A Participation Interest in the following Mortgage-Backed Securities (49.9981% of the principal payments and all of the interest payments paid to 2013A)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AC8104	GNMA II	2.87500 %	$ 4,097,610	$ 1,183,423
AB2093	GNMA II	3.12500	271,185	-
AC7756	GNMA II	3.12500	637,851	101,556
AB1464	GNMA II	3.12500	1,493,291	153,417
AA0469	GNMA II	3.62500	1,650,089	454,232
799861	GNMA II	3.75000	1,863,656	209,185
Subtotal			10,013,682	2,101,813
MBS Participation Interest (49.9981%)			5,006,651	1,050,867
Total 2013A			$ 75,000,705	$ 17,413,562

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2013B

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755562	GNMA II	3.375 %	$ 190,664	$ -
755600	GNMA II	3.375	583,016	120,987
755615	GNMA II	3.375	201,557	-
755768	GNMA II	3.375	217,084	-
755797	GNMA II	3.375	374,344	234,311
755895	GNMA II	3.375	682,117	254,623
755990	GNMA II	3.375	883,318	91,487
756004	GNMA II	3.375	118,698	-
756014	GNMA II	3.375	559,288	295,368
756050	GNMA II	3.375	156,419	54,930
756063	GNMA II	3.375	1,094,096	255,389
756131	GNMA II	3.375	490,644	133,954
756157	GNMA II	3.375	680,155	513,094
760847	GNMA II	3.375	351,385	85,507
760927	GNMA II	3.375	319,088	-
761016	GNMA II	3.375	215,084	56,862
761076	GNMA II	3.375	91,131	-
761111	GNMA II	3.375	194,748	137,144
761143	GNMA II	3.375	220,840	-
761236	GNMA II	3.375	102,455	77,358
761260	GNMA II	3.375	239,177	-
761416	GNMA II	3.375	132,259	-
761710	GNMA II	3.375	119,100	-
768551	GNMA II	3.375	94,858	66,732
768925	GNMA II	3.375	98,075	-
755341	GNMA II	3.500	206,186	82,861
755355	GNMA II	3.500	443,801	129,101
755419	GNMA II	3.500	139,278	60,683
755460	GNMA II	3.500	219,064	56,267

MINNESOTA HOUSING

2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755510	GNMA II	3.500 %	$ 963,546	$ 260,338
755538	GNMA II	3.500	310,535	153,407
755563	GNMA II	3.500	494,649	109,481
755601	GNMA II	3.500	951,636	121,479
755616	GNMA II	3.500	175,641	77,875
755713	GNMA II	3.500	1,092,841	252,210
755754	GNMA II	3.500	310,435	-
755769	GNMA II	3.500	245,278	185,996
755883	GNMA II	3.500	661,300	127,475
755896	GNMA II	3.500	227,497	-
755991	GNMA II	3.500	967,358	317,117
756005	GNMA II	3.500	147,799	101,499
756015	GNMA II	3.500	522,170	64,655
756051	GNMA II	3.500	132,493	-
756064	GNMA II	3.500	311,502	159,296
756132	GNMA II	3.500	209,138	103,568
756158	GNMA II	3.500	246,357	-
760848	GNMA II	3.500	116,994	-
760928	GNMA II	3.500	328,041	-
760982	GNMA II	3.500	128,746	-
761077	GNMA II	3.500	361,296	271,841
761112	GNMA II	3.500	197,993	33,069
761144	GNMA II	3.500	316,290	-
761237	GNMA II	3.500	233,870	60,014
761305	GNMA II	3.500	123,255	-
761336	GNMA II	3.500	120,372	-
768511	GNMA II	3.500	165,073	-
768538	GNMA II	3.500	146,900	110,560
768870	GNMA II	3.500	193,097	-

MINNESOTA HOUSING

2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755897	GNMA II	3.625 %	$ 103,417	$ -
755992	GNMA II	3.625	444,065	152,274
756016	GNMA II	3.625	177,788	-
756052	GNMA II	3.625	269,988	-
756065	GNMA II	3.625	1,236,671	135,040
756133	GNMA II	3.625	287,064	-
756159	GNMA II	3.625	45,628	-
760768	GNMA II	3.625	108,773	-
760849	GNMA II	3.625	392,093	-
760919	GNMA II	3.625	139,458	-
760990	GNMA II	3.625	79,657	25,640
761017	GNMA II	3.625	132,740	-
761078	GNMA II	3.625	363,005	-
761261	GNMA II	3.625	180,433	-
761288	GNMA II	3.625	111,693	-
761306	GNMA II	3.625	306,515	-
761474	GNMA II	3.625	128,622	-
761545	GNMA II	3.625	77,983	-
761557	GNMA II	3.625	162,552	-
768677	GNMA II	3.625	68,840	52,608
755993	GNMA II	3.750	196,349	62,431
756066	GNMA II	3.750	105,036	-
756134	GNMA II	3.750	107,069	67,938
756160	GNMA II	3.750	586,560	-
760850	GNMA II	3.750	393,701	72,955
760920	GNMA II	3.750	323,138	106,707
760929	GNMA II	3.750	292,906	-
760983	GNMA II	3.750	42,327	-
760991	GNMA II	3.750	205,596	-

MINNESOTA HOUSING

2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
761018	GNMA II	3.750 %	$ 172,248	$ 131,225
761079	GNMA II	3.750	80,472	61,827
761145	GNMA II	3.750	149,820	-
761262	GNMA II	3.750	201,691	-
761606	GNMA II	3.750	78,543	-
755420	GNMA II	3.875	139,064	-
755539	GNMA II	3.875	319,706	125,036
755602	GNMA II	3.875	501,994	-
755770	GNMA II	3.875	116,084	-
755801	GNMA II	3.875	321,922	-
755898	GNMA II	3.875	131,841	-
755994	GNMA II	3.875	475,935	176,974
756006	GNMA II	3.875	399,955	-
756053	GNMA II	3.875	298,768	224,518
756067	GNMA II	3.875	313,067	102,744
756135	GNMA II	3.875	251,761	105,142
760756	GNMA II	3.875	762,909	186,026
760851	GNMA II	3.875	584,815	97,201
760984	GNMA II	3.875	343,138	196,325
761019	GNMA II	3.875	352,583	60,698
761080	GNMA II	3.875	276,114	-
761113	GNMA II	3.875	162,606	-
761263	GNMA II	3.875	188,969	-
761270	GNMA II	3.875	317,808	39,101
761307	GNMA II	3.875	90,007	-
761417	GNMA II	3.875	164,348	-
761449	GNMA II	3.875	61,746	-
761546	GNMA II	3.875	120,118	-
768509	GNMA II	3.875	163,933	105,694

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2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
768871	GNMA II	3.875 %	$ 47,975	$ -
768926	GNMA II	3.875	127,523	-
769042	GNMA II	3.875	582,376	128,020
747342	GNMA II	4.000	206,852	-
747434	GNMA II	4.000	293,723	133,019
747451	GNMA II	4.000	150,712	-
747504	GNMA II	4.000	587,937	174,715
747571	GNMA II	4.000	108,513	-
751257	GNMA II	4.000	786,190	-
755306	GNMA II	4.000	578,906	113,856
755342	GNMA II	4.000	700,305	-
755356	GNMA II	4.000	650,136	139,814
755393	GNMA II	4.000	340,160	-
755461	GNMA II	4.000	232,214	-
755511	GNMA II	4.000	336,160	-
755540	GNMA II	4.000	673,061	53,097
761338	GNMA II	4.000	410,552	73,636
761418	GNMA II	4.000	1,140,908	91,094
761450	GNMA II	4.000	497,923	191,322
761475	GNMA II	4.000	1,112,967	94,510
761529	GNMA II	4.000	108,205	-
761547	GNMA II	4.000	217,841	61,428
761564	GNMA II	4.000	192,547	-
761607	GNMA II	4.000	120,015	-
761627	GNMA II	4.000	347,156	94,699
761685	GNMA II	4.000	187,905	63,897
761688	GNMA II	4.000	45,252	-
768512	GNMA II	4.000	84,703	-
768539	GNMA II	4.000	432,483	60,692

MINNESOTA HOUSING

2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
768552	GNMA II	4.000 %	$ 338,034	$ -
768707	GNMA II	4.000	101,993	-
768758	GNMA II	4.000	107,960	-
768805	GNMA II	4.000	553,606	-
768837	GNMA II	4.000	116,942	87,268
768872	GNMA II	4.000	348,253	38,456
768927	GNMA II	4.000	307,248	44,466
768949	GNMA II	4.000	284,573	-
768966	GNMA II	4.000	362,884	-
747343	GNMA II	4.125	283,263	-
747435	GNMA II	4.125	436,091	100,449
747457	GNMA II	4.125	117,157	-
747505	GNMA II	4.125	319,042	-
755307	GNMA II	4.125	122,355	-
755618	GNMA II	4.125	145,104	-
756069	GNMA II	4.125	350,249	-
756136	GNMA II	4.125	214,566	-
760853	GNMA II	4.125	262,408	-
760922	GNMA II	4.125	288,143	-
760932	GNMA II	4.125	67,131	46,181
760986	GNMA II	4.125	126,520	-
760993	GNMA II	4.125	55,349	-
761021	GNMA II	4.125	205,622	-
761265	GNMA II	4.125	370,002	53,412
761476	GNMA II	4.125	216,467	-
761628	GNMA II	4.125	139,159	-
761686	GNMA II	4.125	48,528	-
768510	GNMA II	4.125	142,056	-
768513	GNMA II	4.125	122,543	-

MINNESOTA HOUSING

2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
768553	GNMA II	4.125 %	$ 99,642	$ -
768627	GNMA II	4.125	60,546	-
768729	GNMA II	4.125	80,414	-
768759	GNMA II	4.125	244,408	88,694
768806	GNMA II	4.125	361,691	113,244
768838	GNMA II	4.125	123,622	-
768873	GNMA II	4.125	199,336	87,093
768928	GNMA II	4.125	298,689	33,687
768967	GNMA II	4.125	213,955	96,831
761687	GNMA II	4.250	1,512,069	261,117
761689	GNMA II	4.250	462,206	-
768514	GNMA II	4.250	999,965	-
768525	GNMA II	4.250	1,706,405	223,578
768554	GNMA II	4.250	2,312,021	80,077
768678	GNMA II	4.250	1,545,731	149,209
768807	GNMA II	4.250	611,197	-
768839	GNMA II	4.250	188,512	-
755309	GNMA II	4.375	110,957	-
755542	GNMA II	4.375	154,262	-
756071	GNMA II	4.375	105,515	-
756137	GNMA II	4.375	116,864	-
760760	GNMA II	4.375	105,159	-
760855	GNMA II	4.375	75,838	-
760923	GNMA II	4.375	150,298	-
761022	GNMA II	4.375	70,137	-
761292	GNMA II	4.375	181,890	-
768808	GNMA II	4.375	81,347	-
768840	GNMA II	4.375	419,851	-
768809	GNMA II	4.500	143,152	-

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2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
768841	GNMA II	4.500 %	$ 157,806	$ -
751166	GNMA II	4.625	102,030	-
755607	GNMA II	4.625	138,714	108,413
755620	GNMA II	4.625	149,267	-
755720	GNMA II	4.625	137,771	-
755887	GNMA II	4.625	399,297	-
760857	GNMA II	4.625	127,053	-
761024	GNMA II	4.625	121,880	-
761275	GNMA II	4.625	132,143	-
768842	GNMA II	4.625	202,996	-
755608	GNMA II	4.750	168,361	-
755999	GNMA II	4.750	130,459	-
756019	GNMA II	4.750	114,710	-
761269	GNMA II	4.750	219,798	-
761276	GNMA II	4.750	177,486	-
761294	GNMA II	4.750	309,590	170,745
761311	GNMA II	4.750	319,010	-
768810	GNMA II	4.750	477,196	58,820
768843	GNMA II	4.750	379,983	-
751168	GNMA II	4.875	131,291	102,007
755344	GNMA II	4.875	142,886	-
755888	GNMA II	4.875	151,533	-
AH5529	FNMA	3.325	219,150	-
AH5530	FNMA	3.450	207,668	162,254
AH5490	FNMA	3.500	105,118	-
AH5531	FNMA	3.575	269,924	75,429
AH6665	FNMA	3.625	103,790	-
AI1693	FNMA	3.875	162,813	115,507
AH5528	FNMA	3.950	118,420	-

MINNESOTA HOUSING

2013B, continued

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition		Principal Amount Outstanding
AH5484	FNMA	4.000	%	$	110,848	$	-
AH5491	FNMA	4.000			61,608		46,332
AH8221	FNMA	4.000			20,678		-
AH9124	FNMA	4.000			91,452		-
AE6282	FNMA	4.125			21,651		7,586
AH6671	FNMA	4.125			101,162		79,119
AH8230	FNMA	4.125			48,546		-
AH9125	FNMA	4.125			250,628		-
AH9135	FNMA	4.125			36,323		-
AH6664	FNMA	4.250			74,744		-
AH9132	FNMA	4.250			72,992		-
AH6675	FNMA	4.375			121,432		-
AH9121	FNMA	4.375			84,823		-
AI0062	FNMA	4.375			121,271		-
AI0063	FNMA	4.500			108,576		82,797
AH0181	FNMA	4.625			101,448		-
AH6672	FNMA	4.625			59,593		-
AH8222	FNMA	4.625			115,941		85,841
AH8223	FNMA	4.750			89,403		70,641
AH0197	FNMA	5.000			79,065		-
Subtotal					72,372,120		11,647,690

MINNESOTA HOUSING

2013B, continued

2013B Participation Interest in the following Mortgage-Backed Securities (50% of principal payments and all of the interest payments paid to 2013B)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755603	GNMA II	4.000 %	$ 356,122	$ -
755617	GNMA II	4.000	785,901	56,784
755756	GNMA II	4.000	231,947	83,971
755771	GNMA II	4.000	234,254	-
755802	GNMA II	4.000	253,013	-
755886	GNMA II	4.000	512,863	104,121
755899	GNMA II	4.000	575,483	56,898
755995	GNMA II	4.000	479,284	209,979
756017	GNMA II	4.000	168,915	-
756054	GNMA II	4.000	76,681	-
756068	GNMA II	4.000	246,667	-
760757	GNMA II	4.000	367,422	-
760852	GNMA II	4.000	985,381	120,921
760921	GNMA II	4.000	775,593	82,971
760931	GNMA II	4.000	682,308	147,523
760985	GNMA II	4.000	959,836	-
760992	GNMA II	4.000	613,389	73,756
761020	GNMA II	4.000	496,632	35,738
735381	GNMA II	4.250	156,776	-
735436	GNMA II	4.250	567,406	-
735538	GNMA II	4.250	369,287	88,560
747574	GNMA II	4.250	2,867,880	385,721
751067	GNMA II	4.250	375,493	89,554
751144	GNMA II	4.250	1,006,904	156,952
751259	GNMA II	4.250	195,664	-
755189	GNMA II	4.250	85,436	-

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2013B, continued

2013B Participation Interest in the following Mortgage-Backed Securities (50% of principal payments and all of the interest payments paid to 2013B), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755212	GNMA II	4.250 %	$ 267,219	$ 107,066
755235	GNMA II	4.250	363,597	96,003
755308	GNMA II	4.250	142,803	-
755541	GNMA II	4.250	310,161	128,137
755605	GNMA II	4.250	112,386	-
755717	GNMA II	4.250	301,414	78,745
755900	GNMA II	4.250	265,084	-
756070	GNMA II	4.250	98,601	75,918
760759	GNMA II	4.250	208,444	-
760987	GNMA II	4.250	46,857	-
760933	GNMA II	4.375	105,769	-
760988	GNMA II	4.375	99,326	-
751103	GNMA II	4.500	1,061,241	-
751145	GNMA II	4.500	1,072,746	281,536
751165	GNMA II	4.500	705,200	142,810
751192	GNMA II	4.500	142,460	-
751260	GNMA II	4.500	135,456	-
751272	GNMA II	4.500	358,970	97,120
755190	GNMA II	4.500	281,608	-
755213	GNMA II	4.500	406,397	67,441
755236	GNMA II	4.500	433,690	-
755265	GNMA II	4.500	429,222	77,908
755310	GNMA II	4.500	696,577	68,848
755343	GNMA II	4.500	124,670	-
755357	GNMA II	4.500	142,456	-
755395	GNMA II	4.500	215,308	79,849

2013B, continued

2013B Participation Interest in the following Mortgage-Backed Securities (50% of principal payments and all of the interest payments paid to 2013B), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755463	GNMA II	4.500 %	$ 122,772	$ -
755543	GNMA II	4.500	424,602	-
755567	GNMA II	4.500	117,741	92,227
755606	GNMA II	4.500	151,783	-
755619	GNMA II	4.500	105,881	-
755772	GNMA II	4.500	111,072	-
755803	GNMA II	4.500	191,019	-
755901	GNMA II	4.500	320,185	-
760761	GNMA II	4.500	339,177	76,634
760856	GNMA II	4.500	150,076	118,163
760924	GNMA II	4.500	242,799	74,886
760934	GNMA II	4.500	140,369	-
760989	GNMA II	4.500	93,969	70,381
760994	GNMA II	4.500	87,145	-
Subtotal			25,552,789	3,427,123
MBS Participation Interest (50%)			12,776,395	1,713,562
Total 2013B			$ 85,148,515	$ 13,361,251

2013C

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AE9845	GNMA II	2.625 %	$ 3,357,794	$ 640,387
AC8348	GNMA II	2.875	1,913,251	557,728
AC8373	GNMA II	2.875	2,146,050	364,715
AC8398	GNMA II	2.875	2,215,819	476,062
AD7551	GNMA II	2.875	3,175,581	591,636
AE9847	GNMA II	2.875	10,630,852	1,988,426
AB2232	GNMA II	3.000	84,000	-
AC8349	GNMA II	3.000	85,689	-
AC8399	GNMA II	3.000	25,206	19,246
AD7415	GNMA II	3.000	66,878	-
AD7416	GNMA II	3.250	65,004	50,571
AC8350	GNMA II	3.375	81,582	-
AC8374	GNMA II	3.375	87,685	-
AT4630	FNMA	2.775	210,335	-
Subtotal			24,145,726	4,688,771

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2013C, continued

2013C Participation Interest in the following Mortgage-Backed Securities (50.0009% of the principal payments and all of the interest payments paid to 2013C)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AE9846	GNMA II	2.750 %	$ 1,378,784	$ 110,224
AC8233	GNMA II	2.875	301,279	117,877
AC8307	GNMA II	2.875	1,846,536	403,491
AC8402	GNMA II	2.875	173,194	-
AC8519	GNMA II	2.875	810,878	162,915
AD7203	GNMA II	2.875	782,422	239,581
AD7206	GNMA II	2.875	164,941	50,539
AD7308	GNMA II	2.875	624,792	186,329
AD7325	GNMA II	2.875	740,110	223,796
AD7330	GNMA II	2.875	171,991	133,035
AD7414	GNMA II	2.875	1,175,447	222,277
AD7483	GNMA II	2.875	1,515,476	711,551
AD7523	GNMA II	2.875	1,693,438	479,419
AB2189	GNMA II	3.000	309,432	80,842
AC8308	GNMA II	3.000	123,199	-
AD7204	GNMA II	3.000	129,612	100,362
AD7331	GNMA II	3.000	107,285	82,952
AC8232	GNMA II	3.125	120,991	-
AD7205	GNMA II	3.125	110,891	-
AC8520	GNMA II	3.250	162,886	-
AD7326	GNMA II	3.250	132,431	100,856
AC8309	GNMA II	3.375	106,989	-
AD7327	GNMA II	3.375	135,753	-
AC7759	GNMA II	3.500	36,729	-
AC8396	GNMA II	2.500	1,509,787	362,204
AC8401	GNMA II	2.500	48,506	-

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2013C, continued

2013C Participation Interest in the following Mortgage-Backed Securities (50.0009% of the principal payments and all of the interest payments paid to 2013C), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AC8517	GNMA II	2.500 %	$ 705,460	$ 365,512
AC8521	GNMA II	2.500	281,308	91,222
AD7201	GNMA II	2.500	1,146,241	235,803
AD7306	GNMA II	2.500	528,762	259,936
AD7309	GNMA II	2.500	110,433	-
AD7322	GNMA II	2.500	884,732	391,416
AD7328	GNMA II	2.500	94,607	-
AD7411	GNMA II	2.500	1,324,919	296,954
AD7520	GNMA II	2.500	144,206	-
AD7323	GNMA II	2.625	152,254	-
AD7412	GNMA II	2.625	487,240	155,410
AD7481	GNMA II	2.625	1,315,697	165,130
AD7521	GNMA II	2.625	973,807	274,540
AD7525	GNMA II	2.625	199,960	147,972
AD7549	GNMA II	2.625	1,253,675	333,188
AC8103	GNMA II	2.750	54,282	41,824
AC8347	GNMA II	2.750	465,500	143,302
AC8397	GNMA II	2.750	533,047	-
AC7907	GNMA II	2.875	333,360	-
AC8150	GNMA II	2.875	261,715	202,325
AB2123	GNMA II	3.125	45,546	-
Subtotal			25,710,531	6,872,783
MBS Participation Interest (50.0009%)			12,855,497	3,436,453
Total 2013C			$ 37,001,223	$ 8,125,224

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2014A

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AH2642	GNMA II	3.500	%	$ 2,565,624	$ -
AH2682	GNMA II	3.500		4,052,612	276,921
AH2643	GNMA II	4.000		5,008,472	99,408
AH2683	GNMA II	4.000		6,919,870	507,434
AV8370	FNMA	4.000		1,934,304	272,506
AV8372	FNMA	4.000		109,895	92,630
AV8375	FNMA	4.000		1,585,156	-
AV8380	FNMA	4.000		1,221,870	80,627
AW1960	FNMA	4.000		1,091,507	349,714
AW3992	FNMA	4.000		1,575,491	246,181
AW5592	FNMA	4.000		2,329,005	272,393
AW5731	FNMA	4.000		2,636,661	351,508
AW7334	FNMA	4.000		2,872,936	429,799
AV8376	FNMA	4.500		1,084,687	136,209
AV8381	FNMA	4.500		267,332	-
AV8383	FNMA	4.500		1,344,870	130,241
AV9666	FNMA	4.500		112,315	-
AW3993	FNMA	4.500		586,478	91,800
AW5593	FNMA	4.500		139,164	-
AW5732	FNMA	4.500		150,718	-
AW7335	FNMA	4.500		311,261	242,674
AW5727	FNMA	5.000		626,697	-
Total 2014A				$ 38,526,927	$ 3,580,046

2014BC

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AH2641	GNMA II	2.500 %	$ 168,417	$ -
AI4062	GNMA II	3.500	2,016,229	413,743
AI4123	GNMA II	3.500	7,348,206	1,169,615
AI4075	GNMA II	4.000	6,251,098	1,183,269
AI4124	GNMA II	4.000	8,017,473	1,052,224
AV8377	FNMA	4.000	229,168	-
AV9665	FNMA	4.000	401,001	117,241
AW5736	FNMA	4.000	3,396,805	435,236
AW9563	FNMA	4.000	3,698,430	1,013,282
AW9564	FNMA	4.500	1,004,504	107,099
Total 2014BC			$ 32,531,332	$ 5,491,708

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2014D

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AI4703	GNMA II	3.500	%	$ 16,399,655	$ 2,190,101
AI4177	GNMA II	4.000		5,479,378	1,024,670
AI4704	GNMA II	4.000		735,196	241,706
AW2207	FNMA	4.000		85,478	-
AW5737	FNMA	4.000		142,729	-
AW5740	FNMA	4.000		3,686,129	322,878
AW5741	FNMA	4.000		311,041	-
AW7336	FNMA	4.000		309,172	-
AW9565	FNMA	4.000		497,994	97,592
AX1587	FNMA	4.000		5,288,486	1,095,585
AX5957	FNMA	4.000		6,014,025	1,258,146
AW5595	FNMA	4.500		200,627	-
AW5728	FNMA	4.500		437,726	-
AX2656	FNMA	4.500		346,827	-
Total 2014D				$ 39,934,464	$ 6,230,677

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2015A

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AK6399	GNMA II	3.500 %	$ 18,481,703	$ 4,766,398
AH2040	GNMA II	4.000	844,997	99,089
AI4126	GNMA II	4.000	576,340	-
AW5733	FNMA	4.000	171,975	-
AX1589	FNMA	4.000	234,034	-
AX2655	FNMA	4.000	6,720,434	1,406,354
AX3828	FNMA	4.000	4,562,724	1,441,080
AX3832	FNMA	4.000	2,080,415	399,862
AX8551	FNMA	4.000	9,693,845	1,633,308
AY0378	FNMA	4.000	8,619,916	2,606,521
AY1974	FNMA	4.000	7,051,730	1,392,004
AX1588	FNMA	4.500	348,274	-
AX1590	FNMA	4.500	546,912	-
AX5958	FNMA	4.500	79,853	50,016
Total 2015A			$ 60,013,153	$ 13,794,633

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2015B

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AK6443	GNMA II	3.500	%	$ 14,170,579	$ 3,025,954
AK6913	GNMA II	3.500		10,777,884	1,590,305
AK6444	GNMA II	4.000		131,857	-
AW5745	FNMA	3.500		225,584	-
AX1586	FNMA	3.500		86,251	-
AX2654	FNMA	3.500		843,020	82,250
AX3822	FNMA	3.500		1,217,548	257,598
AX3827	FNMA	3.500		999,452	305,165
AX5956	FNMA	3.500		943,360	-
AY0377	FNMA	3.500		870,107	187,039
AY0379	FNMA	3.500		103,512	-
AY4398	FNMA	3.500		3,491,566	1,045,018
AY5077	FNMA	3.500		4,541,566	611,417
AX3819	FNMA	4.000		4,290,651	901,625
AX3823	FNMA	4.000		6,186,069	1,149,914
AX3837	FNMA	4.000		527,583	129,430
AY4399	FNMA	4.000		2,917,001	446,672
Subtotal				52,323,587	9,732,388

2015B, continued

2015B Participation Interest in the following Mortgage-Backed Securities (49.8850% of the principal payments and all of the interest payments paid to 2015B)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition		Principal Amount Outstanding
AX8124	FNMA	3.500	%	$ 2,206,586	$	802,916
AI4766	GNMA II	3.000		226,721		-
AH2598	GNMA II	3.500		178,836		-
AH2684	GNMA II	3.500		129,781		-
AI4076	GNMA II	3.500		438,494		251,448
AI4125	GNMA II	3.500		133,278		-
AH1965	GNMA II	4.000		621,071		108,984
AH2599	GNMA II	4.000		372,689		96,414
AX8552	FNMA	4.500		115,889		-
Subtotal				4,423,344		1,259,762
MBS Participation Interest (49.8850%)				2,206,585		628,432
Total 2015B				$ 54,530,173	$	10,360,820

2015C

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AK6398	GNMA II	3.000 %	$ 2,635,387	$ 627,022
AK6982	GNMA II	3.500	9,014,821	1,324,863
AK7034	GNMA II	3.500	2,824,727	649,585
AH2685	GNMA II	4.000	159,914	-
AI4706	GNMA II	4.000	67,187	-
AX3831	FNMA	3.500	3,231,374	448,293
AX3833	FNMA	3.500	441,235	-
AX5959	FNMA	3.500	394,891	-
AX8553	FNMA	3.500	153,591	-
AY1973	FNMA	3.500	1,573,539	-
AY1975	FNMA	3.500	191,692	-
AY5079	FNMA	3.500	2,741,721	367,851
AY6558	FNMA	3.500	2,526,860	589,592
AY9492	FNMA	3.500	6,229,314	1,707,765
AW3994	FNMA	4.000	122,104	103,041
AX3820	FNMA	4.000	475,526	107,623
AX3824	FNMA	4.000	404,363	-
AX3834	FNMA	4.000	93,469	-
AX5960	FNMA	4.000	913,039	236,954
AY4401	FNMA	4.000	113,604	-
AY6559	FNMA	4.000	3,203,831	857,263
AY9493	FNMA	4.000	488,884	150,892
Subtotal			38,001,074	7,170,743

2015C, continued

2015C Participation Interest in the following Mortgage-Backed Securities (7.9801% of the principal payments and 18.25% of the interest payments paid to 2015C)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition		Principal Amount Outstanding
AX3836	FNMA	3.500	%	$ 2,224,511	$	900,930
AI4924	GNMA II	3.500		25,651,238		4,601,209
Subtotal				27,875,749		5,502,140
MBS Participation Interest (7.9801%)				2,224,513		439,076
Total 2015C				$ 40,225,587	$	7,609,819

2015D

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AM9029	GNMA II	3.500 %	$ 11,032,273	$ 2,119,010
AO8642	GNMA I	3.500	7,460,325	1,673,867
AO8643	GNMA I	3.500	6,710,259	1,610,279
AX2657	FNMA	3.500	63,803	47,431
AY5076	FNMA	3.500	284,384	-
AY5087	FNMA	3.500	173,617	-
AY5088	FNMA	3.500	4,672,395	856,741
AY5093	FNMA	3.500	3,694,951	599,281
AZ3888	FNMA	3.500	4,051,012	1,303,707
AZ3889	FNMA	3.500	360,837	195,480
AZ8208	FNMA	3.500	8,173,920	2,600,071
AZ8210	FNMA	3.500	231,322	85,100
AY5089	FNMA	4.000	238,510	79,533
AY5094	FNMA	4.000	853,154	112,545
AZ8209	FNMA	4.000	262,933	-
Subtotal			48,263,694	11,283,045

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2015D, continued

2015D Participation Interest in the following Mortgage-Backed Securities (50.0032% of the principal payments and 100% of the interest payments paid to 2015D)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AY5084	FNMA	3.500 %	$ 362,410	$ -
AY5086	FNMA	3.500	3,739,337	621,121
AM8554	GNMA II	3.500	3,794,512	270,810
AM8556	GNMA II	3.500	306,712	129,719
Subtotal			8,202,970	1,021,650
MBS Participation Interest (50.0032%)			4,101,747	510,858
Total 2015D			$ 52,365,441	$ 11,793,902

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2016A

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition		Principal Amount Outstanding
AO8640	GNMA I	3.000	%	$ 3,990,676	$	1,212,215
AO9110	GNMA I	3.000		1,046,947		101,899
AO9364	GNMA I	3.000		1,478,266		572,359
AM9032	GNMA II	3.500		563,431		349,735
AM9033	GNMA II	3.500		449,564		104,569
AO9111	GNMA II	3.500		6,757,333		1,495,080
AO9112	GNMA II	3.500		6,621,374		1,556,917
AO9113	GNMA II	3.500		6,895,562		2,569,620
AO9114	GNMA II	3.500		3,934,518		923,252
AO9115	GNMA I	3.500		7,060,007		1,703,898
AO9116	GNMA I	3.500		6,875,331		998,834
AO9365	GNMA II	3.500		5,855,619		1,212,741
AO9366	GNMA II	3.500		5,518,934		1,418,512
AO9367	GNMA II	3.500		6,401,514		1,828,615
AO9368	GNMA II	3.500		6,278,080		1,275,162
AY9494	FNMA	3.500		431,415		-
AZ1659	FNMA	3.500		372,460		42,606
BA0628	FNMA	3.500		2,322,271		402,583
BA6219	FNMA	3.500		6,511,109		2,802,473
BA6222	FNMA	3.500		286,712		125,344
BA6324	FNMA	3.500		4,293,011		1,480,353
BA0629	FNMA	4.000		1,154,638		-
BA6220	FNMA	4.000		3,775,747		642,974
BA6325	FNMA	4.000		172,478		-
Subtotal				89,046,999		22,819,742

2016A, continued

2016A Participation Interest in the following Mortgage-Backed Securities (49.9519% of the principal payments and 100% of the interest payments paid to 2016A)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AI4769	GNMA II	3.500 %	$ 2,575,665	$ 543,522
A08783	GNMA II	3.500	485,760	141,972
AO9369	GNMA I	3.500	5,165,142	585,415
AM8978	GNMA II	3.500	362,644	177,547
AO8641	GNMA II	3.500	7,879,767	2,053,695
Subtotal			16,468,978	3,502,151
MBS Participation Interest (49.9519%)			8,226,568	1,749,391
Total 2016A			$ 97,273,566	$ 24,569,133

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2016B

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AM8974	GNMA II	3.500	%	$ 13,008,349	$ 2,847,091
AM8977	GNMA II	3.500		455,373	121,230
AM9031	GNMA II	3.500		488,644	-
AO8784	GNMA II	3.500		477,805	-
AO9119	GNMA II	3.500		469,096	262,158
AO9435	GNMA II	3.500		5,186,845	1,116,342
AO9436	GNMA II	3.500		5,349,585	1,406,869
AO9437	GNMA II	3.500		1,382,821	856,147
AO9497	GNMA II	3.500		7,436,750	2,080,145
AO9498	GNMA I	3.500		1,452,562	257,904
AY5091	FNMA	3.500		618,849	-
BA0632	FNMA	3.500		3,292,387	913,019
BA6221	FNMA	3.500		428,395	369,587
BA6326	FNMA	3.500		402,510	334,905
BA7205	FNMA	3.500		4,016,589	1,647,184
BA7645	FNMA	3.500		2,836,741	1,044,583
BA0631	FNMA	4.000		149,623	-
BA0639	FNMA	4.000		136,349	120,088
BA7206	FNMA	4.000		1,327,012	362,675
BA7646	FNMA	4.000		556,012	160,161
BA7647	FNMA	4.000		186,092	-
BC4084	FNMA	4.000		168,337	-
Subtotal				49,826,727	13,900,088

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2016B, continued

2016B Participation Interest in the following Mortgage-Backed Securities (50.1617% of the principal payments and 100% of the interest payments paid to 2016B)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BA0640	FNMA	3.500 %	$ 848,267	$ 294,626
BA0638	FNMA	4.000	105,339	85,638
BA6223	FNMA	4.000	190,469	164,628
BA0624	FNMA	4.000	1,136,701	383,578
Subtotal			2,280,776	928,469
MBS Participation Interest (50.1617%)			1,144,076	465,736
Total 2016B			$ 50,970,803	$ 14,365,824

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2016CD

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AR0806	GNMA II	3.000	%	$ 6,235,433	$ 1,263,257
AR0807	GNMA I	3.000		6,091,655	1,701,378
AR0808	GNMA I	3.000		6,421,645	1,865,597
AT7486	GNMA I	3.000		5,915,398	1,174,463
AT7487	GNMA I	3.000		5,872,999	1,956,879
AT7488	GNMA I	3.000		5,525,222	2,008,448
AT7489	GNMA II	3.000		3,790,956	1,116,439
AT7490	GNMA II	3.000		3,813,006	965,565
AR0809	GNMA II	3.500		4,386,710	1,351,139
AT7491	GNMA II	3.500		1,952,671	1,111,821
BC4093	FNMA	3.500		2,089,885	441,802
BC6966	FNMA	3.500		497,271	-
BC9424	FNMA	3.500		5,177,923	709,828
BD0338	FNMA	3.500		5,380,170	1,812,141
BC4094	FNMA	4.000		813,474	192,175
BC6967	FNMA	4.000		131,841	114,238
BC9425	FNMA	4.000		994,809	353,415
BD0339	FNMA	4.000		820,475	148,208
Subtotal				65,911,542	18,286,793

2016CD, continued

2016CD Participation Interest in the following Mortgage-Backed Securities (50% of the principal payments paid to 2016D, 25.004% of the principal payments paid to 2016C and 100% of the interest payments paid to 2016CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BC4092	FNMA	3.000 %	$ 296,775	$ 67,874
BC9423	FNMA	3.000	276,525	86,848
BC4085	FNMA	3.500	1,473,617	364,757
BC4097	FNMA	3.500	2,820,746	966,927
Subtotal			4,867,662	1,486,406
MBS Participation Interest (75.004%)			3,650,941	1,114,864

MINNESOTA HOUSING

2016CD, continued

2016CD Participation Interest in the following Mortgage-Backed Securities (50.0081% of the principal payments and 100% of the interest payments paid to 2016C)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AO8778	GNMA I	3.500 %	$ 2,433,041	$ 746,516
Subtotal			2,433,041	746,516
MBS Participation Interest (50.0081%)			1,216,717	373,318
2016CD Total			$ 70,779,200	$ 19,774,976

2016EF

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AT7605	GNMA I	3.000	%	$ 6,139,115	$ 1,801,504
AT7606	GNMA I	3.000		10,623,350	3,352,677
AT7607	GNMA II	3.000		4,745,996	1,959,113
AT7711	GNMA I	3.000		6,643,976	1,942,127
AT7712	GNMA I	3.000		6,493,264	1,665,222
AT7713	GNMA I	3.000		10,344,573	2,966,946
AT7714	GNMA II	3.000		2,719,049	1,318,925
AO9117	GNMA II	3.500		673,618	151,970
AO9370	GNMA II	3.500		658,896	410,366
AO9373	GNMA II	3.500		524,835	-
AT7608	GNMA II	3.500		1,142,932	443,016
AT7715	GNMA II	3.500		148,340	-
BC4102	FNMA	3.000		132,641	-
BD2358	FNMA	3.000		963,209	252,555
BD5187	FNMA	3.000		300,717	-
BC4103	FNMA	3.500		2,757,420	432,635
BD2359	FNMA	3.500		2,857,856	865,795
BD2360	FNMA	3.500		4,652,624	929,630
BD5215	FNMA	3.500		5,924,527	2,046,824
BD5922	FNMA	3.500		2,140,580	746,950
BD7769	FNMA	3.500		5,755,731	1,912,971
BD0341	FNMA	4.000		172,428	-
BD5217	FNMA	4.000		830,218	138,232
BD5220	FNMA	4.000		246,612	57,398
BD5917	FNMA	4.000		134,410	-
BD7771	FNMA	4.000		170,110	150,484
Subtotal				77,897,026	23,545,342

2016EF, continued

2016EF Participation Interest in the following Mortgage-Backed Securities
(65% of the principal payments paid to 2016F, 17.5% of the principal payments paid to 2016E and 100% of the interest payments paid to 2016EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AT7604	GNMA I	3.000 %	$ 6,702,989	$ 2,642,075
BD2362	FNMA	3.000	220,994	192,499
BD5918	FNMA	3.500	265,962	235,947
BC4100	FNMA	4.000	199,298	173,687
Subtotal			7,389,244	3,244,208
MBS Participation Interest (82.5%)			6,096,126	2,676,472

2016EF, continued

2016EF Participation Interest in the following Mortgage-Backed Securities (49.9834% of the principal payments and 100% of the interest payments paid to 2016E)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BA2500	FNMA	3.500 %	$ 2,212,034	$ 305,410
BA0622	FNMA	4.000	375,062	-
Subtotal			2,587,096	305,410
MBS Participation Interest (49.9834%)			1,293,118	152,654

2016EF, continued

2016EF Participation Interest in the following Mortgage-Backed Securities
(65% of the principal payments paid to 2016F, 17.5% of the principal payments paid to 2016E and 100% of the interest payments paid to 2016EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BD5921	FNMA	3.000 %	$ 935,394	$ 149,675
BD7768	FNMA	3.000	3,350,804	1,312,233
BC4099	FNMA	3.500	3,002,514	328,568
BC5180	FNMA	3.500	137,186	-
BC9426	FNMA	3.500	182,077	158,388
BD5216	FNMA	3.500	3,670,214	1,347,085
BD7770	FNMA	3.500	3,826,556	1,517,646
BD2361	FNMA	4.000	1,021,873	99,729
Subtotal			16,126,618	4,913,324
MBS Participation Interest (82.5%)			13,304,460	4,053,492

2016EF, continued

2016EF Participation Interest in the following Mortgage-Backed Securities (49.999% of the principal payments and 100% of the interest payments paid to 2016E)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition		Principal Amount Outstanding
AR0746	GNMA I	3.000	%	$	3,272,028	$	743,004
BC5191	FNMA	3.500			2,048,514		775,803
BC5179	FNMA	4.000			323,883		170,097
Subtotal					5,644,425		1,688,904
MBS Participation Interest (49.999%)					2,822,156		844,435
2016EF Total				$	101,412,887	$	31,272,395

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2016GH

Pool Number	Pool Type	Pass-Through Interest Rate			Principal Amount at Acquisition		Principal Amount Outstanding
AT8142	GNMA II	2.500	%	$	98,359	$	84,549
AT8144	GNMA I	3.000			7,445,126		2,791,115
AT8145	GNMA I	3.000			7,814,014		1,331,544
AT8146	GNMA II	3.000			5,177,530		2,420,606
AT8147	GNMA II	3.000			7,639,610		2,182,428
A08785	GNMA II	3.500			428,086		226,678
AT8148	GNMA II	3.500			251,449		121,959
B32212	FHLMC	3.000			791,557		525,562
B32211	FHLMC	3.500			194,394		64,586
Q43235	FHLMC	3.500			1,076,206		594,536
BD5218	FNMA	3.000			251,474		87,396
BD5928	FNMA	3.000			1,222,494		475,464
BC4098	FNMA	3.500			495,912		-
BD5929	FNMA	3.500			1,684,224		479,455
BD7774	FNMA	3.500			265,392		-
BE0292	FNMA	3.500			4,816,617		1,988,258
BE0293	FNMA	4.000			345,734		-
Subtotal				$	39,998,180	$	13,374,135

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2016GH, continued

2016GH Participation Interest in the following Mortgage-Backed Securities
(60% of the principal payments paid to 2016H, 19.945% of the principal payments paid
to 2016G and 100% of the interest payments paid to 2016GH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8143	GNMA I	3.000 %	$ 5,334,500	$ 2,310,267
B32197	FHLMC	3.000	282,833	243,116
BE0291	FNMA	3.000	5,134,247	2,099,171
BD5924	FNMA	3.500	363,030	173,383
Subtotal			11,114,610	4,825,939
MBS Participation Interest (79.945%)			8,885,575	3,858,097

2016GH, continued

2016GH Participation Interest in the following Mortgage-Backed Securities (50.0086% of the principal payments and 100% of the interest payments paid to 2016G)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR0748	GNMA II	3.000 %	$ 3,630,340	$ 1,615,554
BC6965	FNMA	4.000	826,966	76,765
Subtotal			4,457,306	1,692,320
MBS Participation Interest (50.0086%)			2,229,036	846,305
2016 GH Total			$ 51,112,791	$ 18,078,537

MINNESOTA HOUSING

2017AB

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AT8158	GNMA II	2.500	%	$ 144,779	$ -
AT8284	GNMA I	3.000		11,522,185	3,105,968
AT8288	GNMA II	3.000		577,887	257,275
AT8289	GNMA II	3.000		506,988	308,767
AT8395	GNMA II	3.000		407,588	118,251
AR0655	GNMA II	3.500		553,034	151,907
AX5790	GNMA II	3.500		168,649	148,587
AX5911	GNMA II	3.500		3,415,809	1,319,333
B32219	FHLMC	3.000		927,028	114,411
B32220	FHLMC	3.500		93,230	-
BD5934	FNMA	3.000		325,940	153,145
BD5936	FNMA	3.000		3,332,448	568,396
BD5938	FNMA	3.000		308,216	-
BC4101	FNMA	3.500		316,509	-
BD5925	FNMA	3.500		367,395	171,663
BE4465	FNMA	3.500		345,287	301,372
BE4717	FNMA	3.500		4,351,206	1,777,274
BE6510	FNMA	4.000		217,674	194,545
Subtotal				27,881,852	8,690,893

2017AB, continued

2017AB Participation Interest in the following Mortgage-Backed Securities
(25% of the principal payments paid to 2017A, 50% of the principal payments paid
to 2017B and 100% of the interest payments paid to 2017AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5910	GNMA I	3.000 %	$ 7,603,441	$ 2,214,703
BD5941	FNMA	3.000	1,656,405	509,903
BE6508	FNMA	3.000	8,329,390	3,735,028
BE6509	FNMA	3.500	4,266,225	1,756,960
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	8,216,594
MBS Participation Interest (75.0%)			16,538,102	6,162,445

MINNESOTA HOUSING

2017AB, continued

2017AB Participation Interest in the following Mortgage-Backed Securities (49.995% of the principal payments and 100% of the interest payments paid to 2017A)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AR0649	GNMA II	3.500	%	$ 4,640,734	$ 1,245,530
AR0754	GNMA I	3.500		1,654,732	643,702
BC4089	FNMA	4.000		1,338,492	132,480
Subtotal				7,633,958	2,021,712
MBS Participation Interest (49.995%)				3,816,597	1,010,755

MINNESOTA HOUSING

2017AB, continued

2017AB Participation Interest in the following Mortgage-Backed Securities (49.995% of the principal payments and 100% of the interest payments paid to 2017A)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BE4463	FNMA	3.500 %	$ 3,392,549	$ 1,035,569
Subtotal			3,392,549	1,035,569
MBS Participation Interest (49.995%)			1,696,105	517,733
2017 AB Total			$ 49,932,657	$ 16,381,826

2017CD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AT7494	GNMA II	3.000 %	$ 561,032	$ 481,617
AT7718	GNMA II	3.000	415,345	-
AT8150	GNMA II	3.000	510,713	440,289
AX5909	GNMA II	3.000	8,609,780	2,987,925
AX5987	GNMA II	3.000	2,989,209	470,123
AO9374	GNMA II	3.500	657,740	389,549
AR0757	GNMA II	3.500	606,676	260,658
AX5988	GNMA I	3.500	5,914,919	1,539,911
B32221	FHLMC	3.000	256,460	225,480
Q46252	FHLMC	3.500	1,017,384	524,455
BD5923	FNMA	3.000	165,658	-
BE1720	FNMA	3.500	425,914	361,499
BE4718	FNMA	3.500	340,067	74,961
BE4721	FNMA	3.500	2,099,288	1,009,194
BE4722	FNMA	4.000	1,068,068	273,304
BE7858	FNMA	4.000	1,476,682	-
Subtotal			27,114,934	9,038,965

2017CD, continued

2017CD Participation Interest in the following Mortgage-Backed Securities
(25% of the principal payments paid to 2017C, 50% of the principal payments paid to 2017D and 100% of the interest payments paid to 2017CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5908	GNMA II	2.500 %	$ 122,023	$ 105,863
AT8149	GNMA II	3.000	322,685	281,437
AX5793	GNMA II	3.000	465,572	283,486
AX5986	GNMA I	3.000	3,732,410	1,525,245
AO9501	GNMA II	3.500	448,599	-
AT7498	GNMA II	3.500	92,943	81,544
AX5915	GNMA II	3.500	520,800	296,592
AX5989	GNMA II	3.500	4,873,647	1,157,778
AX5990	GNMA II	4.000	1,364,441	432,302
B32222	FHLMC	4.000	113,706	101,949
BE4720	FNMA	3.000	649,691	224,702
BE6512	FNMA	3.000	395,064	349,416
BE7856	FNMA	3.000	958,379	611,777
BE7857	FNMA	3.500	6,632,991	2,995,266
Subtotal			20,692,948	8,447,357
MBS Participation Interest (75.0%)			15,519,711	6,335,518

2017CD, continued

2017CD Participation Interest in the following Mortgage-Backed Securities
(50% of the principal payments paid to 2017C and 100% of the interest payments paid to 2017C)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8283	GNMA II	3.000 %	$ 9,887,532	$ 4,408,134
B32216	FHLMC	3.500	458,940	194,227
Subtotal			10,346,472	4,602,360
MBS Participation Interest (50.0%)			5,173,236	2,301,180
2017 CD Total			$ 47,807,881	$ 17,675,663

2017EF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AR0810	GNMA I	3.000 %	$ 1,144,856	$ 284,566
AO9121	GNMA II	3.500	764,444	-
AX6117	GNMA I	3.500	6,802,396	1,668,474
AX6118	GNMA II	3.500	5,317,901	961,924
AX6207	GNMA I	3.500	7,160,776	2,340,959
AX6208	GNMA II	3.500	4,092,714	1,314,445
AX6209	GNMA II	4.000	1,229,230	338,895
B32224	FHLMC	3.000	428,408	86,544
B32225	FHLMC	3.500	320,791	145,603
B32231	FHLMC	3.500	207,408	-
B32198	FHLMC	4.000	165,199	146,952
B32226	FHLMC	4.000	481,800	327,268
B32230	FHLMC	4.000	1,130,932	365,390
BE4729	FNMA	3.000	102,592	87,794
BE9277	FNMA	3.000	463,880	211,017
BH0317	FNMA	3.000	412,935	309,134
BA7207	FNMA	3.500	220,416	-
BC4090	FNMA	3.500	347,525	-
BE4723	FNMA	3.500	284,909	117,075
BE4725	FNMA	3.500	1,094,519	206,829
BE4730	FNMA	3.500	1,534,388	364,561
BE9278	FNMA	3.500	1,625,060	449,803
BE9279	FNMA	3.500	1,492,190	290,067
BE4727	FNMA	4.000	816,431	-
BE4731	FNMA	4.000	1,620,979	106,748
BE7862	FNMA	4.000	215,980	187,275
BE9280	FNMA	4.000	2,071,216	1,034,310
BE9281	FNMA	4.000	1,862,854	383,375
BH0319	FNMA	4.000	1,983,534	874,002
BH0320	FNMA	4.000	1,792,507	888,735
BH0321	FNMA	4.000	3,713,609	957,919
BE9282	FNMA	4.500	204,253	184,756
Subtotal			51,106,630	14,634,421

2017EF, continued

2017EF Participation Interest in the following Mortgage-Backed Securities
(33.5% of the principal payments paid to 2017E, 33% of the principal payments paid
to 2017F and 100% of the interest payments paid to 2017EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX5794	GNMA II	3.000 %	$ 655,497	$ -
AX6116	GNMA II	3.000	1,707,090	358,969
AX6120	GNMA II	3.000	112,066	98,619
AX6206	GNMA II	3.000	212,943	187,043
AO9439	GNMA II	3.500	529,841	152,895
AX6119	GNMA II	4.000	892,247	-
AX6124	GNMA II	4.000	196,802	175,981
BE6511	FNMA	3.000	324,596	185,846
BH0318	FNMA	3.500	1,335,630	454,684
BE4726	FNMA	4.000	1,382,950	648,165
BE9284	FNMA	4.000	175,450	-
Subtotal			7,525,112	2,262,203
MBS Participation Interest (66.5%)			5,004,199	1,504,365

2017EF, continued

2017EF Participation Interest in the following Mortgage-Backed Securities
(50% of the principal payments paid to 2017E and 100% of the interest payments paid to 2017EF)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
AX5789	GNMA I	3.000	%	$ 5,041,826	$ 1,057,115
Subtotal				5,041,826	1,057,115
MBS Participation Interest (50.0%)				2,520,913	528,557
2017 EF Total				$ 58,631,743	$ 16,667,343

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2017GH

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AT7492	GNMA I	3.000 %	$ 1,631,288	$ 872,771
AT8151	GNMA I	3.000	1,093,639	238,117
AT8290	GNMA I	3.000	1,315,172	268,918
AX5796	GNMA II	3.000	639,373	-
AX5992	GNMA II	3.000	442,136	187,788
BB3445	GNMA II	3.000	71,128	63,004
AR0654	GNMA II	3.500	542,963	358,414
AR0756	GNMA II	3.500	565,327	147,109
AX5914	GNMA II	3.500	457,971	239,216
AX5995	GNMA II	3.500	539,253	203,296
AX5996	GNMA II	3.500	415,455	372,290
AX6210	GNMA II	3.500	325,581	130,064
BB3320	GNMA I	3.500	4,982,759	1,546,809
BB3321	GNMA I	3.500	5,677,253	1,817,552
BB3322	GNMA I	3.500	3,785,783	1,110,718
BB3323	GNMA II	3.500	4,670,841	1,230,828
BB3324	GNMA II	3.500	4,997,061	1,403,287
BB3325	GNMA II	3.500	5,538,129	1,664,649
BB3446	GNMA I	3.500	2,878,695	1,205,749
BB3447	GNMA I	3.500	3,510,946	1,023,098
BB3448	GNMA I	3.500	6,039,023	1,581,231
BB3449	GNMA II	3.500	4,421,824	1,174,706
BB3450	GNMA II	3.500	3,949,034	1,180,938
BB3451	GNMA II	3.500	4,428,441	1,330,477
BB3452	GNMA II	3.500	7,323,193	2,428,774
Q50750	FHLMC	3.500	1,100,860	299,698
B32241	FHLMC	4.000	786,503	-
B32242	FHLMC	4.000	477,863	143,733
B32245	FHLMC	4.000	214,465	-
B32248	FHLMC	4.000	519,027	332,685
Q48115	FHLMC	4.000	1,140,858	108,590
Q50174	FHLMC	4.000	1,357,759	591,494
Q50183	FHLMC	4.000	1,208,169	306,052
BD5930	FNMA	3.000	121,637	107,101
BE1719	FNMA	3.000	95,771	-

2017GH, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BE4464	FNMA	3.000 %	$ 1,519,221	$ 501,006
BH0322	FNMA	3.000	82,555	73,498
BD5931	FNMA	3.500	207,441	-
BD5935	FNMA	3.500	334,503	-
BD7773	FNMA	3.500	281,198	138,083
BE6513	FNMA	3.500	369,305	-
BE7860	FNMA	3.500	582,841	261,581
BE7861	FNMA	3.500	317,005	-
BH2915	FNMA	3.500	2,695,866	432,139
BH2919	FNMA	3.500	2,503,713	961,772
BH2920	FNMA	3.500	2,027,697	151,615
BH2922	FNMA	3.500	354,678	146,598
BH2925	FNMA	3.500	2,139,083	803,789
BH2926	FNMA	3.500	2,455,544	1,489,822
BH2927	FNMA	3.500	3,087,683	1,466,238
BH2928	FNMA	3.500	1,507,534	564,918
BH6201	FNMA	3.500	1,506,186	597,785
BH6202	FNMA	3.500	2,697,253	849,961
BH7611	FNMA	3.500	2,597,052	1,158,922
BH7612	FNMA	3.500	652,413	-
BH8419	FNMA	3.500	2,838,878	1,619,058
BH8420	FNMA	3.500	1,987,658	741,861
BH8421	FNMA	3.500	3,364,266	1,412,733
BH8422	FNMA	3.500	2,853,664	1,152,374
BC9427	FNMA	4.000	87,570	-
BH2909	FNMA	4.000	163,226	148,513
BH2916	FNMA	4.000	1,775,189	330,276
BH2917	FNMA	4.000	154,445	-
BH2921	FNMA	4.000	1,057,670	215,801
BH4655	FNMA	4.000	379,126	193,022
BH4656	FNMA	4.000	390,282	227,086
BH4657	FNMA	4.000	427,757	131,258
BH6203	FNMA	4.000	2,587,779	1,121,266
BH6204	FNMA	4.000	2,878,525	868,050

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2017GH, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BH6205	FNMA	4.000 %	$ 4,139,052	$ 1,127,116
BH6207	FNMA	4.000	737,988	205,645
BH7614	FNMA	4.000	2,878,388	798,143
BH8339	FNMA	4.000	1,652,080	449,744
BH8340	FNMA	4.000	2,078,676	394,249
BH8341	FNMA	4.000	2,608,495	549,149
BH8423	FNMA	4.000	2,371,051	710,312
BH8424	FNMA	4.000	2,443,257	275,826
BH8425	FNMA	4.000	3,074,878	1,078,454
BH8426	FNMA	4.000	1,329,942	-
BJ0399	FNMA	4.000	551,967	313,697
Total 2017GH			$ 149,995,759	$ 47,330,516

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2017IJ

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition	Principal Amount Outstanding
AX6517	GNMA II	3.000	%	$ 106,484	$ 92,741
AX6122	GNMA II	3.500		497,941	136,673
AX6603	GNMA II	3.500		7,777,344	2,410,092
BB3329	GNMA II	3.500		488,988	142,793
BB3456	GNMA II	3.500		615,609	-
BB3458	GNMA II	3.500		492,491	363,243
BB3581	GNMA I	3.500		5,395,568	1,474,678
BB3582	GNMA I	3.500		4,900,602	1,464,889
BB3583	GNMA I	3.500		5,466,526	2,133,919
BB3584	GNMA II	3.500		3,475,693	1,116,496
BB3585	GNMA II	3.500		4,688,844	1,741,035
BB3586	GNMA II	3.500		5,672,900	2,211,756
BB3587	GNMA II	3.500		6,048,884	1,446,396
BB3588	GNMA II	3.500		3,889,694	1,233,091
BB3589	GNMA II	3.500		3,593,042	1,189,695
BB3593	GNMA II	3.500		480,163	309,433
BB3684	GNMA I	3.500		4,995,828	1,714,955
BB3685	GNMA I	3.500		1,540,351	629,745
BB3686	GNMA II	3.500		4,255,344	1,903,353
BB3687	GNMA II	3.500		3,286,396	1,176,127
BB3688	GNMA II	3.500		6,192,280	2,015,912
BB3689	GNMA II	3.500		4,630,827	1,357,230
BB3461	GNMA II	4.000		415,939	-
BB3590	GNMA II	4.000		1,111,326	531,790
B32252	FHLMC	3.500		349,118	-
Q51395	FHLMC	3.500		1,227,580	485,060
B32251	FHLMC	4.000		641,295	353,593
BE9283	FNMA	3.000		189,324	168,355
BH2923	FNMA	3.500		354,977	156,506
BH7610	FNMA	3.500		3,220,512	1,301,907
BH7613	FNMA	3.500		3,025,874	1,120,522
BH8342	FNMA	3.500		510,058	-
BJ0214	FNMA	3.500		2,861,326	1,236,786
BJ0222	FNMA	3.500		1,120,854	441,910
BJ0404	FNMA	3.500		297,289	75,920

2017IJ, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BJ0405	FNMA	3.500 %	$ 1,166,177	$ 527,010
BJ0406	FNMA	3.500	1,448,985	581,198
BJ0407	FNMA	3.500	2,366,224	191,324
BJ0408	FNMA	3.500	1,051,473	613,969
BJ1720	FNMA	3.500	3,071,095	1,209,637
BJ1721	FNMA	3.500	1,084,237	569,130
BH2736	FNMA	4.000	342,376	166,132
BH8428	FNMA	4.000	494,860	-
BJ0409	FNMA	4.000	565,252	127,965
BJ1722	FNMA	4.000	2,284,299	738,938
BJ1723	FNMA	4.000	2,122,860	728,909
BJ1724	FNMA	4.000	1,764,264	495,879
Subtotal			111,579,376	38,086,690

2017IJ, continued

2017IJ Participation Interest in the following Mortgage-Backed Securities
(30% of the principal payments paid to 2017I, 40% of the principal payments paid
to 2017J and 100% of the interest payments paid to 2017IJ)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AX6604	GNMA II	3.500 %	$ 494,913	$ 208,597
BB3327	GNMA I	3.500	307,537	162,364
AX6520	GNMA II	4.000	150,638	-
AX6606	GNMA II	4.000	296,337	264,924
BB3326	GNMA II	4.000	249,619	-
BB3453	GNMA II	4.000	168,827	-
BH6206	FNMA	3.500	213,059	85,924
BJ1725	FNMA	4.000	1,937,075	175,913
Subtotal			3,818,006	897,720
MBS Participation Interest (70.0%)			2,672,604	628,404

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2017IJ, continued

2017IJ Participation Interest in the following Mortgage-Backed Securities
(50% of the principal payments paid to 2017I, and 100% of the interest payments paid to 2017IJ)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BH2914	FNMA	4.000 %	$ 2,290,805	$ 615,131
Subtotal			2,290,805	615,131
MBS Participation Interest (50.0%)			1,145,403	307,565
2017 IJ Total			$ 115,397,382	$ 39,022,660

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Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AX6121	GNMA II	3.500 %	$ 564,013	$ 415,111
BB3330	GNMA II	3.500	321,933	290,520
BB3457	GNMA II	3.500	467,395	241,299
BB3596	GNMA II	3.500	616,556	224,271
BB3597	GNMA II	3.500	658,633	194,392
BB3691	GNMA II	3.500	579,905	-
BB3693	GNMA II	3.500	541,558	212,312
BB4036	GNMA II	3.500	458,716	51,836
BB4117	GNMA II	3.500	4,565,030	1,300,147
BB4118	GNMA II	3.500	2,194,842	400,839
BB3881	GNMA II	4.000	380,685	343,331
B32280	FHLMC	3.500	276,900	135,330
B32262	FHLMC	4.000	427,297	148,035
B32281	FHLMC	4.000	371,973	104,480
BJ0416	FNMA	3.500	577,442	-
BJ5222	FNMA	3.500	1,118,257	434,565
BJ5223	FNMA	3.500	2,196,326	585,359
BJ5224	FNMA	3.500	416,755	172,767
BJ5229	FNMA	3.500	1,685,532	663,637
BJ5230	FNMA	3.500	1,628,559	746,487
BJ5231	FNMA	3.500	2,520,085	535,062
BJ5232	FNMA	3.500	1,086,937	773,496
BJ8208	FNMA	3.500	2,621,764	1,506,786
BJ8209	FNMA	3.500	2,392,541	1,109,556
BJ8210	FNMA	3.500	1,906,461	766,287
BJ8211	FNMA	3.500	1,322,993	-
BK0988	FNMA	3.500	1,430,836	719,609
BK0992	FNMA	3.500	1,963,514	178,541
BH2913	FNMA	4.000	550,950	95,186

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2018AB, continued

Pool Number	Pool Type	Pass-Through	Principal Amount	Principal Amount
BJ1727	FNMA	4.000 %	$ 618,052	$ -
BJ2872	FNMA	4.000	1,293,688	587,402
BJ5225	FNMA	4.000	1,271,580	551,432
BJ5396	FNMA	4.000	1,076,574	-
BJ8212	FNMA	4.000	2,334,319	720,281
BJ8213	FNMA	4.000	1,138,849	596,453
BJ8214	FNMA	4.000	2,713,759	1,146,264
BJ8215	FNMA	4.000	484,698	230,651
BK0993	FNMA	4.000	2,358,614	910,684
BK0994	FNMA	4.000	1,280,062	735,981
BK0995	FNMA	4.000	1,693,244	542,084
Subtotal			52,107,828	18,370,474

2018AB, continued

2018AB Participation Interest in the following Mortgage-Backed Securities
(25% of the principal payments paid to 2018A, 50% of the principal payments paid to 2018B and 100% of the interest payments paid to 2018AB)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB4116	GNMA II	3.500 %	$ 4,179,316	$ 2,074,405
BB4114	GNMA	3.500	4,430,199	1,353,873
BB4115	GNMA	3.500	1,285,872	576,462
B32294	FHLMC	3.500	889,653	204,173
B32295	FHLMC	4.000	72,364	65,993
BH8427	FNMA	3.500	610,540	259,465
BJ5221	FNMA	3.500	1,988,298	905,156
BJ5399	FNMA	3.500	456,440	292,247
BJ8207	FNMA	3.500	1,044,791	686,316
BK0989	FNMA	3.500	3,778,347	1,496,218
BK0990	FNMA	3.500	2,084,193	851,530
BK0991	FNMA	3.500	3,567,149	1,601,160
Subtotal			24,387,161	10,366,998
MBS Participation Interest (75.0%)			18,290,371	7,775,249

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2018AB, continued

2018AB Participation Interest in the following Mortgage-Backed Securities
(50% of the principal payments paid to 2018A, and 100% of the interest payments paid to 2018AB)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding
BB3797	GNMA II	3.500 %	$	3,868,517	$	1,166,716
BJ0412	FNMA	3.500		2,101,228		1,141,751
BJ2869	FNMA	3.500		2,726,869		390,533
BJ5214	FNMA	3.500		1,105,052		80,123
BJ2873	FNMA	4.000		2,391,919		204,382
Subtotal				12,193,585		2,983,505
MBS Participation Interest (50.0%)				6,096,793		1,491,752
2018 AB Total			$	76,494,991	$	27,637,475

2018CD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BF2173	GNMA II	3.500 %	$ 3,740,855	$ 986,567
BF2174	GNMA II	3.500	6,829,664	2,337,884
BF2175	GNMA II	3.500	2,305,937	950,497
BF2176	GNMA II	4.000	1,298,086	680,315
BF2381	GNMA II	4.000	5,032,081	1,316,095
BF2382	GNMA II	4.500	219,665	-
BF2169	GNMA	3.500	3,960,418	1,490,741
B32305	FHLMC	3.500	474,873	303,377
BJ5219	FNMA	3.500	548,491	83,481
BJ5400	FNMA	3.500	589,232	162,714
BJ8216	FNMA	3.500	458,354	306,359
BJ5236	FNMA	3.500	1,291,180	670,286
BJ5237	FNMA	3.500	1,665,024	1,049,073
BK1663	FNMA	3.500	1,464,669	393,401
BK1664	FNMA	3.500	1,305,436	450,262
BK1665	FNMA	3.500	1,270,234	576,443
BJ2878	FNMA	4.000	602,045	-
BJ5238	FNMA	4.000	588,247	-
BK1666	FNMA	4.000	1,530,317	908,995
BK1667	FNMA	4.000	1,601,081	1,027,724
BK1668	FNMA	4.000	2,866,093	1,022,970
Subtotal			39,641,984	14,717,184

2018CD, continued

2018CD Participation Interest in the following Mortgage-Backed Securities
(30% of the principal payments paid to 2018C, 40% of the principal payments paid to 2018D and 100% of the interest payments paid to 2018CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2379	GNMA II	3.500 %	$ 3,368,038	$ 1,175,213
BF2380	GNMA II	4.000	2,882,352	766,238
BF2172	GNMA	3.500	2,167,549	548,884
BF2377	GNMA	3.500	1,338,753	638,605
B32303	FHLMC	4.000	460,421	146,032
BH8343	FNMA	4.000	534,213	115,692
BJ5401	FNMA	4.000	150,788	-
Subtotal			10,902,114	3,390,665
MBS Participation Interest (70.0%)			7,631,480	2,373,466

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2018CD, continued

2018CD Participation Interest in the following Mortgage-Backed Securities
(50% of the principal payments paid to 2018C, and 100% of the interest payments paid to 2018CD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0414	FNMA	3.500 %	$ 2,265,778	$ 936,315
BJ5216	FNMA	3.500	2,306,674	549,481
BJ5389	FNMA	3.500	1,968,815	564,546
			6,541,267	2,050,342
MBS Participation Interest (50.0%)			3,270,634	1,025,171
2018 CD Total			$ 50,544,097	$ 18,115,821

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Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AX6519	GNMA II	3.500 %	$ 744,396	$ -
BF2489	GNMA II	4.000	5,659,665	851,823
BF2940	GNMA II	4.000	325,751	112,967
BF3044	GNMA II	3.500	142,105	-
BF3045	GNMA II	4.000	4,159,789	2,102,259
BF3046	GNMA II	4.500	2,347,799	691,601
BF3047	GNMA II	4.500	2,436,028	905,434
BF3048	GNMA II	4.500	3,710,659	689,377
BF3049	GNMA II	4.500	5,825,309	1,672,841
BF3051	GNMA II	4.500	4,968,092	955,587
BF3052	GNMA II	5.000	659,883	119,243
B32336	FHLMC	4.000	130,614	-
B32337	FHLMC	5.000	121,782	-
Q57450	FHLMC	4.500	1,910,747	234,980
Q58032	FHLMC	4.500	2,221,257	498,128
BH8429	FNMA	4.000	419,043	192,809
BK3352	FNMA	3.500	185,815	172,189
BK7004	FNMA	4.000	240,822	102,177
BK8038	FNMA	4.000	2,403,498	1,071,072
BK8039	FNMA	4.500	2,928,571	1,272,085
BK8040	FNMA	4.500	2,252,678	607,484
BK8041	FNMA	4.500	5,038,977	514,775
BK8042	FNMA	4.500	3,652,488	1,146,022
BK8047	FNMA	4.500	361,540	-
BK8961	FNMA	4.000	1,859,330	717,327
BK8962	FNMA	4.000	1,580,324	287,149
BK8964	FNMA	4.000	650,395	224,270
BK8965	FNMA	4.500	2,624,122	1,316,144
BK8966	FNMA	4.500	3,072,568	744,278

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2018EF, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BK8967	FNMA	4.500 %	$ 6,382,910	$ 2,492,654
BK8968	FNMA	4.500	2,536,392	167,446
BK8976	FNMA	4.000	169,176	157,916
BK8977	FNMA	4.500	1,277,523	336,987
BK8978	FNMA	4.500	1,665,756	765,186
BK8979	FNMA	4.500	3,502,961	953,573
BK9332	FNMA	4.000	508,216	338,898
BK9333	FNMA	4.500	1,506,561	552,779
BK9334	FNMA	4.500	3,375,763	1,319,130
BK9335	FNMA	4.500	4,267,917	899,410
BK9336	FNMA	4.500	4,260,516	1,299,194
BK9337	FNMA	4.500	2,933,839	587,222
BK9338	FNMA	5.000	447,575	210,253
Subtotal			95,469,151	27,282,671

2018EF, continued

2018EF Participation Interest in the following Mortgage-Backed Securities
(23.8% of the principal payments paid to 2018E, 52.400% of the principal payments paid to 2018F, and 100% of the interest payments paid to 2018EF)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2622	GNMA II	4.000 %	$ 452,287	$ 66,796
BF2624	GNMA II	4.500	534,479	159,521
BF2939	GNMA II	4.000	491,314	-
BF3050	GNMA II	4.500	1,341,407	294,100
BK8043	FNMA	5.000	420,043	170,927
BK8048	FNMA	5.000	154,823	144,557
BK8980	FNMA	4.500	1,466,705	787,787
Subtotal			4,861,057	1,623,689
MBS Participation Interest (76.2%)			3,704,126	1,237,251

2018EF, continued

2018EF Participation Interest in the following Mortgage-Backed Securities
(40.00% of the principal payments and 73.3572% of the interest payments paid to 2018E)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2488	GNMA II	4.00%	$ 2,892,334	$ 965,367
Subtotal			2,892,334	965,367
MBS Participation Interest (40.0%)			1,156,934	386,147
2018 EF Total			$ 100,330,210	$ 28,906,068

2018GH

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BF2942	GNMA II	4.500 %	$ 488,650	$ 174,355
BF3058	GNMA II	4.500	667,036	-
BI5934	GNMA II	4.500	3,626,806	1,890,567
BI5935	GNMA II	4.500	4,389,331	1,057,886
BI5936	GNMA II	4.500	4,265,034	1,237,014
BI5937	GNMA II	4.500	5,496,008	1,419,332
BI5938	GNMA II	4.500	6,047,196	1,559,999
BI5939	GNMA II	5.000	583,708	69,317
BI6067	GNMA II	4.500	5,230,803	1,674,637
BI6068	GNMA II	4.500	4,803,112	1,005,452
BI6071	GNMA II	5.000	396,749	-
BK9993	FNMA	4.500	1,815,436	758,846
BK9995	FNMA	4.500	2,443,038	697,175
BK9996	FNMA	4.500	4,062,569	1,603,125
BN0260	FNMA	4.500	1,087,918	703,115
BN0261	FNMA	4.500	5,707,269	2,055,823
BN0262	FNMA	4.500	4,483,523	2,089,387
BN0263	FNMA	4.500	4,825,674	1,070,599
Subtotal			60,419,861	19,066,630

2018GH, continued

2018GH Participation Interest in the following Mortgage-Backed Securities
(25.0038% of the principal payments paid to 2018G, 50.00% of the principal payments paid to 2018H, and 100% of the interest payments paid to 2018GH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32327	FHLMC	4.500 %	$ 221,504	$ 202,708
B32350	FHLMC	5.000	336,447	-
B32362	FHLMC	5.000	203,253	-
BK8971	FNMA	4.500	420,812	166,942
BK8972	FNMA	4.500	527,447	307,829
BK9342	FNMA	4.500	507,214	271,263
BN0265	FNMA	5.000	930,657	692,819
Subtotal			3,147,332	1,641,560
MBS Participation Interest (75.0038%)			2,360,619	1,231,233

2018GH, continued

2018GH Participation Interest in the following Mortgage-Backed Securities
(40.00% of the principal payments and 74.4575% of the interest payments paid to 2018G)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2613	GNMA II	4.000 %	$ 1,966,784	$ 739,152
Subtotal			1,966,784	739,152
MBS Participation Interest (40.0%)			786,713	295,661
2018 GH Total			$ 63,567,194	$ 20,593,524

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Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
B32363	FHLMC	5.000 %	$ 228,394	$ -
B32407	FHLMC	5.000	671,411	259,300
BN3588	FNMA	4.500	3,693,547	1,196,960
BN3590	FNMA	4.500	3,302,185	852,321
BN3591	FNMA	4.500	4,185,975	1,468,180
BN3044	FNMA	5.000	475,122	274,750
BN3592	FNMA	5.000	2,964,659	1,200,196
BN3593	FNMA	5.000	3,664,426	1,032,473
BN3594	FNMA	5.500	221,831	-
BI6294	GNMA II	4.000	2,589,102	903,323
BF3060	GNMA II	4.500	336,600	-
BI5944	GNMA II	4.500	696,720	-
BI6076	GNMA II	4.500	672,356	-
BI6187	GNMA II	4.500	5,105,996	1,345,410
BI6188	GNMA II	4.500	5,117,059	2,055,956
BI6295	GNMA II	4.500	5,872,452	2,366,190
BI6296	GNMA II	4.500	5,743,864	1,347,075
BI6297	GNMA II	4.500	4,830,635	1,409,476
BI6298	GNMA II	4.500	4,750,401	795,654
BI6299	GNMA II	4.500	4,675,423	459,603
BI6300	GNMA II	5.000	672,864	429,924
2018IJ Total			$ 60,471,020	$ 17,396,789

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2019AB

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
Q59116	FHLMC	4.500 %	$ 2,200,460	$ 890,022
Q60531	FHLMC	4.500	1,078,098	410,603
BK9340	FNMA	4.500	407,658	252,767
BN0003	FNMA	4.500	610,220	-
BN1824	FNMA	4.500	363,250	-
BN1826	FNMA	4.500	466,421	291,578
BN2695	FNMA	4.500	471,041	101,931
BN2711	FNMA	4.500	470,488	166,937
BN3042	FNMA	4.500	2,654,491	1,332,211
BN3043	FNMA	4.500	5,176,235	1,728,786
BN3587	FNMA	4.500	1,690,478	1,264,550
BN3589	FNMA	4.500	3,056,553	1,370,466
BN4968	FNMA	4.500	2,452,584	1,261,303
BN4969	FNMA	4.500	1,648,501	613,755
BN4970	FNMA	4.500	3,218,546	1,354,486
BN4971	FNMA	5.000	2,114,899	835,264
BN4972	FNMA	5.000	4,345,434	1,409,817
BI6073	GNMA II	4.500	487,739	350,888
BI6434	GNMA II	4.500	4,491,964	1,123,203
BI6435	GNMA II	4.500	4,870,006	1,369,579
BI6437	GNMA II	4.500	6,043,617	1,117,824
BI6438	GNMA II	5.000	5,977,590	923,107
BI6670	GNMA II	4.500	5,387,569	1,462,929
BI6672	GNMA II	5.000	2,443,002	185,939
BI6673	GNMA II	5.000	3,853,716	342,110
2019 AB Total			$ 65,980,561	$ 20,160,054

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2019CD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
B32458	FHLMC	5.000 %	$ 250,796	$ 237,567
B32521	FHLMC	4.500	752,982	431,353
B32522	FHLMC	5.000	847,406	235,078
BN7982	FNMA	5.000	141,806	-
BN8519	FNMA	5.000	1,697,562	549,458
BN8520	FNMA	5.500	2,085,513	735,529
BN9783	FNMA	5.000	522,066	194,504
BN9784	FNMA	5.000	240,960	47,634
BO0204	FNMA	4.500	2,790,307	858,931
BO0205	FNMA	4.500	4,626,176	2,494,721
BO0206	FNMA	5.000	2,851,779	1,025,097
BO0207	FNMA	5.500	352,281	215,664
BO0209	FNMA	5.000	180,217	169,167
BM1601	GNMA II	4.000	521,265	108,673
BM1604	GNMA II	4.500	377,065	253,585
BM1605	GNMA II	4.500	560,804	151,857
BM1606	GNMA II	5.000	450,000	-
BM1806	GNMA II	4.500	3,154,930	1,519,482
BM1807	GNMA II	4.500	3,124,096	1,454,696
BM1893	GNMA II	4.000	3,012,146	1,678,161
BM1894	GNMA II	4.000	4,111,863	1,868,062
BM1895	GNMA II	4.000	4,431,235	1,373,197
BM1896	GNMA II	4.500	2,710,559	982,056
BM1897	GNMA II	4.500	4,488,823	945,757
2019 CD Total			$ 44,282,637	$ 17,530,226

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2019E

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QA0369	FHLMC	4.500 %	$ 2,049,003	$ 665,657
QA0371	FHLMC	5.000	478,657	152,142
QA0372	FHLMC	4.500	128,342	-
BN0009	FNMA	4.500	862,480	165,846
BN6779	FNMA	5.000	339,219	171,961
BN8522	FNMA	5.000	3,311,334	1,353,065
BN8523	FNMA	5.500	853,032	383,750
BO0208	FNMA	4.500	362,370	162,207
BO0883	FNMA	4.500	3,750,488	2,108,433
BO0884	FNMA	4.500	5,099,727	1,035,625
BO0885	FNMA	5.000	3,311,011	1,787,058
BI6442	GNMA II	4.500	367,240	245,548
BM1809	GNMA II	4.000	663,619	-
BM1899	GNMA II	4.000	661,745	160,564
BM2107	GNMA II	4.000	5,778,432	1,632,518
BM2108	GNMA II	4.000	4,381,918	1,739,615
BM2109	GNMA II	4.000	4,390,375	1,452,467
BM2110	GNMA II	4.000	4,484,678	1,182,270
BM2111	GNMA II	4.500	4,675,375	186,037
2019 E Total			$ 45,949,045	$ 14,584,763

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2019F

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QA1158	FHLMC	4.500 %	$ 2,082,134	$ 599,154
QA1160	FHLMC	5.000	698,639	252,420
QA1163	FHLMC	5.000	171,089	-
BN0002	FNMA	4.500	523,524	157,185
BN8525	FNMA	5.000	346,757	159,767
BN8527	FNMA	5.000	4,538,380	1,295,994
BO0888	FNMA	5.000	103,740	-
BO1720	FNMA	4.500	2,989,025	1,868,786
BO1721	FNMA	4.500	2,584,443	1,829,920
BO1722	FNMA	4.500	2,420,383	1,064,514
BO1723	FNMA	4.500	5,866,077	1,594,212
BO1724	FNMA	5.000	2,364,616	1,133,681
BI6075	GNMA II	4.500	592,337	155,493
BM1811	GNMA II	4.500	304,332	283,623
BM1898	GNMA II	4.000	748,382	220,216
BM2115	GNMA II	4.000	579,232	217,224
BM2116	GNMA II	4.500	195,882	-
BM2245	GNMA II	3.500	672,591	201,263
BM2246	GNMA II	4.000	4,522,225	2,353,293
BM2247	GNMA II	4.000	3,291,243	893,783
BM2248	GNMA II	4.000	6,881,277	1,998,473
BM2249	GNMA II	4.000	5,494,387	1,754,959
BM2250	GNMA II	4.000	8,686,762	3,257,856
BM2251	GNMA II	4.500	3,193,359	1,196,672
2019 F Total			$ 59,850,816	$ 22,488,490

2019G

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QA3671	FHLMC	3.500 %	$ 145,188	$ 135,553
QA3825	FHLMC	3.500	1,803,639	1,151,308
QA4554	FHLMC	3.500	3,204,508	2,116,567
QA3826	FHLMC	4.000	1,064,090	839,449
QA4555	FHLMC	4.000	2,100,063	824,087
B32479	FHLMC	4.500	292,742	275,098
B32523	FHLMC	4.500	237,549	225,720
QA1162	FHLMC	4.500	170,073	160,428
QA1911	FHLMC	4.500	2,655,230	1,128,710
QA2736	FHLMC	4.500	1,895,892	326,320
QA3828	FHLMC	4.500	162,207	-
BN8536	FNMA	4.000	941,498	342,110
BO5821	FNMA	4.000	3,706,049	2,242,807
BO5822	FNMA	4.000	5,310,680	2,444,215
BO5823	FNMA	4.000	1,080,334	358,251
BN8538	FNMA	4.000	127,738	-
BO6574	FNMA	4.000	4,820,886	3,127,590
BO6575	FNMA	4.000	2,669,730	1,500,342
BK8970	FNMA	4.500	441,367	-
BN3048	FNMA	4.500	1,573,677	422,387
BN3049	FNMA	4.500	2,681,156	533,473
BO1725	FNMA	4.500	394,738	-
BO1726	FNMA	4.500	537,005	314,793
BO3439	FNMA	4.500	5,928,177	3,255,301
BO3440	FNMA	4.500	4,070,300	2,415,812
BO3441	FNMA	4.500	4,282,819	1,145,179
BO3445	FNMA	4.500	250,748	72,421
BO4854	FNMA	4.500	4,621,091	3,250,726
BO4855	FNMA	4.500	4,788,964	3,016,513

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2019G, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BO4856	FNMA	4.500 %	$ 3,996,485	$ 1,432,201
BN8537	FNMA	4.500	3,012,024	936,425
BO5824	FNMA	4.500	516,091	198,184
BO7186	FNMA	4.500	93,655	89,432
BO6576	FNMA	4.500	370,892	348,935
BN3052	FNMA	5.000	148,510	142,101
BN8528	FNMA	5.000	427,391	408,439
BN8524	FNMA	5.000	309,923	106,302
BN8534	FNMA	5.000	6,472,581	2,708,463
BO4857	FNMA	5.000	731,940	555,451
BP7178	GNMA II	3.000	186,998	-
BP7492	GNMA II	3.500	3,548,835	1,972,446
BP7493	GNMA II	3.500	5,124,347	2,204,899
BF3053	GNMA II	4.000	585,956	180,831
BI6190	GNMA II	4.000	486,414	307,522
BM1900	GNMA II	4.000	619,850	151,413
BM2253	GNMA II	4.000	691,606	-
BI5942	GNMA II	4.500	616,936	-
BI6445	GNMA II	4.500	396,355	-
2019 G Total			$ 90,294,925	$ 43,368,205

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2019H

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AD6812	FNMA	4.562 %	$ 67,184	$ 60,973
AD3425	FNMA	4.687	137,735	68,583
AD2661	FNMA	4.687	97,322	62,240
AD2648	FNMA	4.687	32,934	28,719
AE4745	FNMA	4.625	90,260	80,860
AE3601	FNMA	4.625	97,096	88,169
AE2711	FNMA	4.250	98,341	-
AE2059	FNMA	4.750	98,599	-
AD9662	FNMA	4.500	101,074	89,934
AD9648	FNMA	4.500	98,424	89,435
AD8879	FNMA	4.750	76,546	-
AD8878	FNMA	4.500	95,245	-
AD6813	FNMA	4.750	69,965	63,277
747579	GNMA	4.750	118,752	-
743602	GNMA	4.625	95,769	-
751084	GNMA II	4.625	130,327	118,510
751082	GNMA II	4.375	54,459	49,027
751071	GNMA II	4.750	101,309	90,174
751070	GNMA II	4.625	236,817	-
751068	GNMA II	4.375	118,027	-
751047	GNMA II	4.750	180,629	90,948
751046	GNMA II	4.625	159,063	144,662
751045	GNMA II	4.500	91,282	80,602
751031	GNMA II	4.500	68,743	-
747823	GNMA II	4.750	473,159	254,934
747821	GNMA II	4.500	532,434	160,713
747783	GNMA II	4.750	302,023	206,299
747782	GNMA II	4.625	253,034	-
747781	GNMA II	4.500	277,958	66,877

2019H, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
747686	GNMA II	4.750 %	$ 181,347	$ 157,499
747685	GNMA II	4.625	407,562	304,204
747682	GNMA II	4.250	875,607	385,357
747578	GNMA II	4.750	130,731	118,727
747577	GNMA II	4.625	487,375	188,949
747510	GNMA II	4.750	395,186	324,324
747507	GNMA II	4.375	191,424	77,101
747456	GNMA II	4.750	99,941	-
747455	GNMA II	4.625	93,620	69,320
747454	GNMA II	4.500	139,305	-
747453	GNMA II	4.375	83,994	-
747440	GNMA II	4.750	660,646	116,761
747439	GNMA II	4.625	520,619	157,890
747438	GNMA II	4.500	125,566	-
747437	GNMA II	4.375	150,140	-
747349	GNMA II	4.875	106,820	-
747348	GNMA II	4.750	113,864	-
747347	GNMA II	4.625	206,083	-
747346	GNMA II	4.500	185,786	-
747345	GNMA II	4.375	29,219	26,466
743630	GNMA II	4.750	271,383	146,352
743629	GNMA II	4.625	97,491	-
743603	GNMA II	4.750	1,029,417	408,888
743601	GNMA II	4.500	193,721	-
743600	GNMA II	4.375	353,048	245,543
743565	GNMA II	4.875	379,456	186,796
743564	GNMA II	4.750	615,428	222,586
743563	GNMA II	4.625	358,345	133,333
743562	GNMA II	4.500	302,114	158,061

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2019H, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
743526	GNMA II	4.875 %	$ 383,506	$ 117,020
743525	GNMA II	4.750	788,073	362,069
743524	GNMA II	4.625	104,667	-
743523	GNMA II	4.500	109,620	-
743522	GNMA II	4.375	510,062	167,984
743429	GNMA II	4.750	313,749	83,067
743428	GNMA II	4.625	473,259	170,024
743426	GNMA II	4.375	254,794	45,068
743371	GNMA II	4.750	420,535	247,403
743369	GNMA II	4.625	1,433,404	560,480
743368	GNMA II	4.500	802,514	333,115
743367	GNMA II	4.375	179,151	154,389
743231	GNMA II	4.750	119,593	102,502
743230	GNMA II	4.625	587,788	412,493
743229	GNMA II	4.375	261,739	50,281
743213	GNMA II	4.625	70,104	-
743211	GNMA II	4.375	131,470	-
735677	GNMA II	4.750	52,126	46,827
735675	GNMA II	4.625	878,486	330,314
735674	GNMA II	4.500	325,980	103,904
735673	GNMA II	4.375	209,193	142,773
735541	GNMA II	4.625	389,230	247,887
735539	GNMA II	4.375	360,020	323,953
735438	GNMA II	4.500	511,491	237,668
735384	GNMA II	4.750	111,555	101,117
735382	GNMA II	4.500	396,831	209,579
735309	GNMA II	4.750	53,506	-
735308	GNMA II	4.625	322,712	290,994
735307	GNMA II	4.500	867,596	209,072
735283	GNMA II	4.500	1,257,096	682,687
735234	GNMA II	4.625	272,568	238,423
735233	GNMA II	4.500	923,898	461,756
751085	GNMA II	4.750	202,659	92,394
Subtotal			27,218,722	11,848,335

2019H, continued

2019H Participation Interest in the following Mortgage-Backed Securities
(27.5% of the principal payments and 0% of the interest payments paid to 2019H)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BP7169	GNMA II	3.000 %	$ 658,663	$ 328,154
BM2112	GNMA II	4.000	543,398	-
BM2405	GNMA II	4.000	7,687,885	2,224,430
Subtotal			8,889,945	2,552,584
MBS Participation Interest (27.5%)			2,444,735	701,961

2019H, continued

2019H Participation Interest in the following Mortgage-Backed Securities
(50.4162% of the principal payments and 0% of the interest payments paid to 2019H)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BP7495	GNMA II	3.500 %	$ 4,930,513	$ 2,570,085
Subtotal			4,930,513	2,570,085
MBS Participation Interest (50.4162%)			2,485,777	1,295,739

2019H, continued

2019H Participation Interest in the following Mortgage-Backed Securities
(50% of principal payments and all of the interest payments paid to 2019H)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
735540	GNMA II	4.500 %	$ 1,434,136	$ 340,523
743212	GNMA II	4.500	112,138	101,099
747576	GNMA II	4.500	187,774	88,807
747684	GNMA II	4.500	729,808	416,070
751069	GNMA II	4.500	394,052	129,724
751083	GNMA II	4.500	464,738	272,630
735284	GNMA II	4.625	290,779	114,578
735439	GNMA II	4.625	239,569	103,299
747509	GNMA II	4.625	720,545	288,130
747822	GNMA II	4.625	424,022	151,118
735542	GNMA II	4.750	304,485	274,842
AD3417	FNMA	4.562	246,994	219,609
AD3424	FNMA	4.562	83,303	-
AD4234	FNMA	4.562	147,552	125,891
AD4246	FNMA	4.562	183,106	60,944
AD5863	FNMA	4.750	74,137	-
728515	GNMA II	4.500	1,483,495	373,163
728534	GNMA II	4.500	703,408	333,147
728613	GNMA II	4.500	833,149	443,578
728261	GNMA II	4.625	187,925	80,261
728535	GNMA II	4.625	397,769	96,527
728536	GNMA II	4.875	135,625	57,249
728519	GNMA II	5.125	225,100	-
735236	GNMA II	5.125	20,256	1,198
AC9166	FNMA	4.562	199,321	172,381
Subtotal			10,223,184	4,244,769
MBS Participation Interest (50%)			5,111,592	2,122,384

2019H, continued

2019H Participation Interest in the following Mortgage-Backed Securities
(50% of principal payments and none of the interest payments paid to 2019H)

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount at Acquisition		Principal Amount Outstanding
735282	GNMA II	4.250 %	$	187,744	$	177,408
735306	GNMA II	4.250		114,810		108,714
735672	GNMA II	4.250		260,263		246,411
743210	GNMA II	4.250		411,596		229,467
743227	GNMA II	4.250		388,180		246,836
743366	GNMA II	4.250		858,141		365,989
743425	GNMA II	4.250		580,853		533,092
743521	GNMA II	4.250		604,676		340,714
743599	GNMA II	4.250		1,042,627		753,914
747344	GNMA II	4.250		409,281		214,027
747350	GNMA II	4.250		264,274		166,834
747436	GNMA II	4.250		666,141		320,833
747452	GNMA II	4.250		554,442		342,366
747506	GNMA II	4.250		362,439		337,897
747779	GNMA II	4.250		291,344		229,995
747819	GNMA II	4.250		360,659		262,531
751081	GNMA II	4.250		72,328		68,588
761081	GNMA II	4.000		126,921		116,536
761114	GNMA II	4.000		184,668		156,780
761146	GNMA II	4.000		110,420		104,777
761157	GNMA II	4.000		55,369		52,292
761264	GNMA II	4.000		40,228		36,961
761290	GNMA II	4.000		120,560		114,471

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2019H, continued

2019H Participation Interest in the following Mortgage-Backed Securities
(50% of principal payments and none of the interest payments paid to 2019H, continued)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
761308	GNMA II	4.000 %	$ 40,730	$ 38,683
761272	GNMA II	4.125	86,733	81,894
761266	GNMA II	4.250	213,036	187,816
761309	GNMA II	4.250	86,232	71,708
761082	GNMA II	4.375	109,805	103,929
761083	GNMA II	4.500	241,371	158,114
761116	GNMA II	4.500	142,790	135,833
761158	GNMA II	4.500	99,009	94,296
761268	GNMA II	4.500	24,514	23,341
761293	GNMA II	4.500	99,743	94,475
Subtotal			9,211,925	6,517,521
MBS Participation Interest (50%)			4,605,962	3,258,760

2019H, continued

2019H Participation Interest in the following Mortgage-Backed Securities
(50% of principal payments and none of the interest payments paid to 2019H)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755603	GNMA II	4.000 %	$ 107,607	$ -
755617	GNMA II	4.000	60,503	56,784
755756	GNMA II	4.000	88,853	83,971
755886	GNMA II	4.000	109,954	104,121
755899	GNMA II	4.000	60,150	56,898
755995	GNMA II	4.000	229,687	209,979
756068	GNMA II	4.000	52,938	-
760852	GNMA II	4.000	131,087	120,921
760921	GNMA II	4.000	160,872	82,971
760931	GNMA II	4.000	246,640	147,523
760985	GNMA II	4.000	165,553	-
760992	GNMA II	4.000	77,729	73,756
761020	GNMA II	4.000	133,352	35,738
735538	GNMA II	4.250	95,630	88,560
747574	GNMA II	4.250	683,018	385,721
751067	GNMA II	4.250	94,565	89,554
751144	GNMA II	4.250	166,607	156,952
755212	GNMA II	4.250	113,057	107,066
755235	GNMA II	4.250	101,358	96,003

2019H, continued

2019H Participation Interest in the following Mortgage-Backed Securities
(50% of principal payments and none of the interest payments paid to 2019H, continued)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
755541	GNMA II	4.250 %	$ 136,058	$ 128,137
755717	GNMA II	4.250	83,069	78,745
756070	GNMA II	4.250	80,088	75,918
751103	GNMA II	4.500	256,736	-
751145	GNMA II	4.500	296,888	281,536
751165	GNMA II	4.500	168,654	142,810
751272	GNMA II	4.500	102,742	97,120
755213	GNMA II	4.500	70,949	67,441
755265	GNMA II	4.500	81,933	77,908
755310	GNMA II	4.500	195,999	68,848
755395	GNMA II	4.500	83,945	79,849
755567	GNMA II	4.500	96,991	92,227
760761	GNMA II	4.500	80,982	76,634
760856	GNMA II	4.500	124,111	118,163
760924	GNMA II	4.500	78,649	74,886
760989	GNMA II	4.500	75,387	70,381
Subtotal			4,892,339	3,427,123
MBS Participation Interest (50%)			2,446,170	1,713,562
2019 H Total			$ 44,312,959	$ 20,940,740

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2020A

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QA5423	FHLMC	3.000 %	$ 311,904	$ -
QA5424	FHLMC	3.000	388,909	154,332
QA8094	FHLMC	3.000	6,011,076	5,172,203
QA8095	FHLMC	3.500	1,837,098	1,743,018
BO3444	FNMA	4.500	682,914	357,821
BO4860	FNMA	4.500	608,177	94,201
BO4861	FNMA	4.500	510,629	408,137
BO5828	FNMA	3.500	483,310	289,865
BO5829	FNMA	3.500	441,494	182,705
BO5831	FNMA	4.000	346,905	330,157
BO6579	FNMA	3.500	492,283	468,191
BO6580	FNMA	4.000	642,760	368,909
BO7201	FNMA	3.500	615,970	74,026
BO8223	FNMA	3.000	404,201	245,966
BP0745	FNMA	3.500	397,690	190,545
BP1849	FNMA	3.000	4,941,484	4,323,450
BP1850	FNMA	3.000	4,502,081	3,394,049
BP1851	FNMA	3.500	2,802,088	1,889,681
BP1852	FNMA	3.500	235,514	-
BM2254	GNMA II	4.000	375,695	152,145
BP7182	GNMA II	3.500	588,207	377,966
BP7184	GNMA II	4.000	810,465	-
BP7619	GNMA II	3.000	652,091	454,746
BP7766	GNMA II	3.000	599,454	564,473
BP8051	GNMA II	4.000	116,296	-
BP8093	GNMA II	3.000	5,125,485	3,157,863
BP8094	GNMA II	3.000	3,694,340	2,037,785
BP8095	GNMA II	3.000	5,345,912	3,423,314
2020 A Total			$ 43,964,432	$ 29,855,547

2020BC

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QA6258	FHLMC	3.500 %	$ 143,468	$ 136,764
QA8944	FHLMC	3.000	4,270,351	2,942,529
QA8945	FHLMC	3.500	4,386,551	2,793,388
BO7202	FNMA	3.500	985,526	720,256
BO9960	FNMA	3.000	564,110	471,227
BP1855	FNMA	3.500	202,810	-
BP2645	FNMA	3.000	2,451,012	1,968,461
BP2647	FNMA	3.500	2,479,016	2,064,654
BP2648	FNMA	3.500	4,074,252	2,579,472
BP2650	FNMA	3.500	136,392	-
BM2410	GNMA II	3.500	560,546	375,606
BP7185	GNMA II	4.000	521,727	220,298
BP7502	GNMA II	3.500	607,341	327,007
BP7904	GNMA II	3.000	800,578	464,505
BT3745	GNMA II	2.500	188,198	-
BT3747	GNMA II	3.000	3,904,196	1,936,288
BT3748	GNMA II	3.000	4,682,356	3,118,734
BT3749	GNMA II	3.000	5,455,372	3,658,632
BT3750	GNMA II	3.000	5,786,136	3,407,870
BT3751	GNMA II	3.500	3,537,245	2,013,203
Subtotal			45,737,183	29,198,892

2020BC, continued

2020BC Participation Interest in the following Mortgage-Backed Securities
(16.0775% of the principal payments paid to 2020B, 67.845% of the principal payments paid to 2020C, and 100% of the interest payments paid to 2020BC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QA7125	FHLMC	3.500 %	$ 440,286	$ 419,385
BP2646	FNMA	3.000	3,370,424	2,449,664
BP2649	FNMA	3.000	373,213	354,538
BO7198	FNMA	3.500	403,835	221,481
BN8532	FNMA	5.000	417,062	189,007
BT3746	GNMA II	3.000	4,639,013	2,996,289
BP7905	GNMA II	3.500	598,031	410,838
Subtotal			10,241,864	7,041,201
MBS Participation Interest (83.9225%)			8,595,229	5,909,152

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2020BC, continued

2020BC Participation Interest in the following Mortgage-Backed Securities
(36.75% of the principal payments and 70.4361% of the interest payments paid to 2020B)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BO9957	FNMA	3.500 %	$ 4,480,642	$ 3,003,364
Subtotal			4,480,642	3,003,364
MBS Participation Interest (36.75%)			1,646,636	1,103,736
2020BC Total			$ 55,979,048	$ 36,211,780

2020D

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BP1854	FNMA	3.000 %	$ 358,033	$ 341,834
BP8318	FNMA	3.000	595,746	566,753
BP8319	FNMA	3.000	758,820	722,919
BP9861	FNMA	3.000	9,424,572	8,082,110
BP0837	FNMA	3.500	186,368	-
BP8320	FNMA	3.500	303,397	289,669
BP8315	FNMA	3.500	6,289,382	5,326,188
BP9862	FNMA	3.500	3,912,498	2,432,871
BP9921	FNMA	3.000	5,223,745	4,105,722
BP9923	FNMA	3.000	417,421	144,888
BP9922	FNMA	3.500	2,887,840	2,194,051
BP9924	FNMA	3.500	881,959	843,437
QA9598	FHLMC	3.000	763,160	467,400
QB0470	FHLMC	3.000	530,391	361,515
QB1809	FHLMC	3.000	3,745,199	2,634,246
QA2737	FHLMC	4.000	182,195	174,519
QB2284	FHLMC	3.500	2,002,530	1,900,540
QB2283	FHLMC	3.000	767,583	731,302
BP7768	GNMA II	3.000	681,962	446,709
BP8059	GNMA II	3.000	671,235	423,778
BT4015	GNMA II	3.000	575,940	548,411
BT4380	GNMA II	3.125	4,577,116	2,945,516
BT4381	GNMA II	3.125	4,326,226	3,630,874
BT4382	GNMA II	3.250	4,583,734	2,826,414
BT4383	GNMA II	3.250	5,297,386	3,875,473
BT4384	GNMA II	3.375	5,740,519	4,301,453
BT4385	GNMA II	3.500	4,580,477	2,496,677
BT4386	GNMA II	3.500	4,310,085	2,865,826
BT4568	GNMA II	3.000	5,226,691	3,981,803
BT4569	GNMA II	3.000	4,127,087	3,695,596
BT4570	GNMA II	3.000	4,416,694	3,793,014
BT4571	GNMA II	3.000	4,357,094	3,212,447
BT4575	GNMA II	3.500	3,563,789	3,007,827
BT4576	GNMA II	3.500	3,765,333	3,130,792
2020 D Total			$ 100,032,208	$ 76,502,575

2020E

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QB5364	FHLMC	2.500 %	$ 1,473,404	$ 1,408,520
QB5365	FHLMC	3.000	3,815,972	2,927,770
QB5366	FHLMC	3.500	630,810	446,767
BP0836	FNMA	3.000	463,875	300,363
BP8321	FNMA	3.500	154,445	146,243
BQ1760	FNMA	3.000	646,371	150,434
BQ1837	FNMA	3.500	283,349	-
BQ5522	FNMA	2.500	254,123	242,793
BQ5564	FNMA	3.000	6,612,544	6,039,966
BQ5608	FNMA	2.500	7,681,734	7,115,927
BQ5609	FNMA	3.000	4,327,337	3,605,324
BQ5610	FNMA	3.000	6,124,558	5,262,664
BQ5612	FNMA	3.500	188,722	180,233
BQ5613	FNMA	3.000	882,921	586,617
BQ7836	FNMA	3.500	391,273	375,869
BX2322	GNMA II	3.000	1,049,576	793,570
BX2326	GNMA II	3.000	1,169,272	1,121,678
BX2474	GNMA II	3.375	3,916,749	2,622,181
2020 E Total			$ 40,067,035	$ 33,326,917

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2021A

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
BQ7837	FNMA	2.500 %	$ 675,732	$ 648,133
BQ7871	FNMA	2.500	848,108	814,082
BR2529	FNMA	2.500	4,531,879	4,055,382
BR2533	FNMA	3.000	4,339,083	3,872,157
BR2537	FNMA	3.000	737,023	710,580
BR2538	FNMA	3.000	212,741	205,234
BR2559	FNMA	2.500	3,622,919	3,360,646
BR2560	FNMA	3.000	3,767,365	3,467,298
BR2561	FNMA	3.000	1,133,466	1,090,364
BR4273	FNMA	2.500	5,209,170	4,696,495
BR4274	FNMA	3.000	2,869,943	2,646,382
BR4275	FNMA	3.000	764,115	736,183
QB4020	FHLMC	3.000	536,578	515,409
QB6181	FHLMC	3.000	233,579	224,774
QB7787	FHLMC	3.000	2,436,932	2,337,924
QB7789	FHLMC	3.000	863,296	831,103
QB7792	FHLMC	2.500	370,286	355,721
QB8183	FHLMC	2.500	1,517,738	1,277,499
QB8184	FHLMC	3.000	2,036,989	1,957,712
QB8709	FHLMC	2.500	870,922	530,807
QB8710	FHLMC	3.000	1,090,773	1,045,506
QB8711	FHLMC	3.000	285,689	274,855
CB2315	GNMA II	2.750	4,920,951	3,843,023
CB2316	GNMA II	2.750	4,619,450	4,061,434
CB2317	GNMA II	2.750	4,262,395	3,642,657
CB2318	GNMA II	2.750	4,396,628	3,470,106
CB2319	GNMA II	2.750	4,099,917	3,356,971
CB2321	GNMA II	3.000	4,606,189	3,812,945
CB2325	GNMA II	2.750	1,084,766	930,529
CB2409	GNMA II	3.000	3,288,107	2,464,799
CB2410	GNMA II	3.000	3,607,006	3,061,256
CB2411	GNMA II	3.000	4,578,694	3,712,893
CB2412	GNMA II	3.000	4,661,207	3,613,501
CB2413	GNMA II	3.125	247,904	110,616
2021 A Total			$ 83,327,541	$ 71,734,977

2021B

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
QC1484	FHLMC	3.000 %	$ 252,254	$ 244,033
AI1687	FNMA	4.250	55,428	-
AI1688	FNMA	4.375	61,756	58,732
AI1695	FNMA	4.125	54,072	48,186
AI2677	FNMA	4.375	83,398	78,515
AI2692	FNMA	4.125	61,711	57,383
AI2693	FNMA	4.375	88,105	56,636
AI3838	FNMA	4.625	89,730	-
AI4113	FNMA	4.375	77,785	72,178
AI4124	FNMA	4.375	127,356	120,801
AI6392	FNMA	4.875	115,704	-
AI6401	FNMA	4.875	71,927	-
AI6416	FNMA	4.375	97,480	92,768
AJ9672	FNMA	3.625	32,495	29,495
AK0878	FNMA	3.625	72,950	69,239
AK0880	FNMA	3.500	64,217	38,003
AK0883	FNMA	4.500	87,053	82,710
AK1422	FNMA	3.875	81,978	77,788
AK1426	FNMA	3.500	281,136	-
AK3131	FNMA	3.875	75,481	71,355
AK3137	FNMA	3.500	82,496	77,784
AK6079	FNMA	3.875	162,020	147,896
AK6088	FNMA	3.875	45,741	43,491
AK6092	FNMA	4.375	98,977	94,277
AK7248	FNMA	3.500	37,516	33,053
AK8379	FNMA	3.875	92,139	-

2021B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
AK8732	FNMA	3.500 %	$ 62,939	$ 59,774
BQ7873	FNMA	3.000	614,260	594,309
BR8374	FNMA	3.000	1,855,682	1,791,255
BR8376	FNMA	3.000	995,496	963,909
761339	GNMA II	4.125	89,666	85,007
761340	GNMA II	4.250	64,097	60,564
761419	GNMA II	4.250	74,227	70,383
761421	GNMA II	4.500	141,539	133,994
761477	GNMA II	4.250	91,413	86,602
761478	GNMA II	4.500	61,043	55,547
761479	GNMA II	4.625	51,730	40,587
761530	GNMA II	4.250	29,995	28,392
761548	GNMA II	4.125	130,645	-
761549	GNMA II	4.250	368,741	234,946
761550	GNMA II	4.500	70,149	66,275
761551	GNMA II	4.625	54,585	51,639
761608	GNMA II	4.250	266,452	153,555
761629	GNMA II	4.250	166,769	150,724
761630	GNMA II	4.500	65,546	62,205
761690	GNMA II	4.500	78,452	74,364
761712	GNMA II	4.750	59,160	-
768459	GNMA II	4.750	107,750	102,466
768527	GNMA II	4.750	432,260	267,278
768542	GNMA II	4.750	75,660	69,679
768557	GNMA II	4.750	286,372	270,980
768568	GNMA II	4.250	123,737	117,170

2021B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
768569	GNMA II	4.750 %	$ 45,211	$ 41,162
768628	GNMA II	4.250	197,784	103,183
768629	GNMA II	4.750	42,734	40,608
768639	GNMA II	4.250	93,061	79,319
768640	GNMA II	4.375	113,201	107,519
768642	GNMA II	4.750	105,122	71,738
768681	GNMA II	4.750	59,903	57,009
768708	GNMA II	4.250	61,010	57,553
768710	GNMA II	4.500	27,635	24,208
768711	GNMA II	4.750	57,002	54,266
768746	GNMA II	4.250	154,346	146,417
768749	GNMA II	4.750	148,579	-
768760	GNMA II	4.250	36,112	33,762
768786	GNMA II	4.500	98,939	92,637
768788	GNMA II	4.750	115,388	91,338
768874	GNMA II	4.250	74,990	69,286
768875	GNMA II	4.375	47,614	-
768929	GNMA II	4.250	68,069	64,568
768932	GNMA II	4.750	67,713	64,506
768950	GNMA II	4.250	74,659	70,203
768951	GNMA II	4.375	94,004	89,108
768968	GNMA II	4.250	112,552	104,100
768986	GNMA II	4.375	166,695	136,783
792518	GNMA II	3.375	29,973	28,366
792556	GNMA II	3.375	310,455	288,860
792587	GNMA II	3.375	132,777	125,643
792589	GNMA II	3.750	374,694	351,782

2021B, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount at Acquisition	Principal Amount Outstanding
792590	GNMA II	3.875 %	$ 61,943	$ 55,722
792615	GNMA II	3.375	304,561	199,405
792616	GNMA II	3.750	451,379	235,910
792629	GNMA II	3.375	241,259	141,296
792631	GNMA II	3.750	328,065	238,563
792684	GNMA II	3.375	476,746	242,709
792685	GNMA II	3.750	232,093	129,339
792707	GNMA II	3.375	58,813	55,650
792712	GNMA II	3.750	173,892	164,887
792742	GNMA II	3.375	268,097	165,648
792744	GNMA II	3.750	67,977	64,487
792823	GNMA II	3.375	50,976	48,231
792824	GNMA II	3.750	553,868	444,998
792830	GNMA II	3.375	124,430	117,340
792831	GNMA II	3.750	109,447	103,844
792860	GNMA II	3.375	493,566	362,249
792862	GNMA II	3.750	251,556	236,596
792863	GNMA II	3.875	123,251	-
792875	GNMA II	3.375	173,091	87,557
792877	GNMA II	3.750	195,224	154,512
792878	GNMA II	3.875	66,415	62,975
792926	GNMA II	3.375	386,611	294,885
792927	GNMA II	3.750	338,851	111,887
792972	GNMA II	3.375	304,781	254,622
792973	GNMA II	3.750	333,973	313,456
793013	GNMA II	3.375	257,919	106,741
793014	GNMA II	3.750	388,309	361,393

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2021B, continued

Pool Number	Pool Type	Pass-Through	Principal Amount	Principal Amount
793015	GNMA II	3.375 %	$ 346,853	$ 233,987
793017	GNMA II	3.750	366,886	73,950
793026	GNMA II	3.375	432,409	405,463
793041	GNMA II	3.375	170,634	45,780
793042	GNMA II	3.750	156,735	147,757
793103	GNMA II	3.750	512,457	323,397
793109	GNMA II	3.375	122,980	116,356
793110	GNMA II	3.750	244,423	138,147
793111	GNMA II	4.000	41,537	-
793158	GNMA II	3.375	37,298	35,277
793181	GNMA II	3.750	256,122	164,328
793205	GNMA II	3.375	407,180	160,242
793206	GNMA II	3.750	369,526	295,352
793211	GNMA II	3.375	162,052	57,270
793213	GNMA II	3.750	117,716	111,732
793303	GNMA II	4.000	61,838	58,172
BX2475	GNMA II	2.500	999,665	964,813
BX2690	GNMA II	3.125	469,863	454,448
BX2843	GNMA II	2.750	925,438	893,342
BX2844	GNMA II	2.750	895,761	864,185
CB2416	GNMA II	3.000	464,606	449,331
CB2729	GNMA II	2.500	613,567	591,579
CB2926	GNMA II	2.500	3,914,652	3,384,699
CB2927	GNMA II	2.500	4,263,741	3,895,284
CB2928	GNMA II	2.750	5,845,513	5,237,165
CB2929	GNMA II	2.750	5,610,904	5,155,041
CB2930	GNMA II	3.000	1,843,029	1,572,976
CB2934	GNMA II	3.000	468,558	453,172
792558	GNMA	3.750	109,361	55,163
792663	GNMA	3.750	194,087	83,556
2021 B Total			$ 49,021,978	$ 40,756,718

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2021C

Pool Number	Pool Type	Pass-Through	Principal Amount	Principal Amount
QB9777	FHLMC	3.000 %	$ 219,417	$ 213,369
QC2003	FNMA	2.500	255,656	248,407
QC3147	FNMA	3.000	332,771	317,328
QC3150	FNMA	2.500	252,600	245,557
QC3708	FNMA	2.500	255,651	247,723
QC4975	FNMA	3.000	551,110	537,320
QC5493	FNMA	3.000	1,020,171	991,300
QC6525	FNMA	3.000	793,119	772,005
BQ3571	GNMA II	3.000	508,749	494,426
BT5376	GNMA II	3.000	3,868,533	3,455,749
BT5377	GNMA II	3.000	3,890,311	3,783,392
BT5378	GNMA II	3.000	3,015,791	2,937,443
BT5384	GNMA II	3.000	859,811	838,070
BT5811	GNMA II	3.000	4,122,940	3,773,044
BT5812	GNMA II	3.000	5,542,177	5,388,782
BT5814	GNMA II	3.000	1,046,509	1,019,042
BT5852	GNMA II	3.000	2,096,512	2,038,911
BT5854	GNMA II	3.000	3,654,027	3,554,821
BT5855	GNMA II	3.000	2,765,893	2,692,061
BT5856	GNMA II	3.000	2,207,707	2,149,639
BT5859	GNMA II	3.000	995,010	969,965
BX2479	GNMA II	3.000	911,149	885,242
CB2733	GNMA II	3.000	976,798	679,855
CB3108	GNMA II	2.750	736,723	715,735
CE3821	GNMA II	2.750	3,184,460	3,091,786
CE3823	GNMA II	3.000	692,857	673,388
CE3824	GNMA II	3.000	653,533	634,819
CE3825	GNMA II	3.000	1,865,306	1,272,233
CE3826	GNMA II	3.000	2,340,291	2,275,059
CE3827	GNMA II	3.000	3,963,578	3,632,694
CE3828	GNMA II	3.000	3,662,985	3,560,845
CE3829	GNMA II	3.000	4,554,456	4,107,081
2021 C Total			$ 61,796,601	$ 58,197,092

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2021D

Pool Number	Pool Type	Pass-Through	Principal Amount	Principal Amount
QC4977	FHLMC	3.000 %	$ 245,472	$ 240,376
QC8206	FHLMC	3.000	375,793	365,874
QC9235	FHLMC	3.000	471,770	462,053
BT5862	FNMA	3.000	723,753	707,696
BT5863	FNMA	3.000	399,159	390,531
BT8634	FNMA	3.000	1,237,835	1,209,306
BT8637	FNMA	3.000	1,510,270	1,478,118
BU1556	FNMA	3.000	5,058,817	4,769,181
BU1557	FNMA	3.000	5,958,133	5,827,561
BU1558	FNMA	3.000	2,432,704	2,382,292
CE3835	GNMA II	3.000	892,372	871,548
CE3836	GNMA II	3.000	784,970	767,697
CE3837	GNMA II	3.000	462,136	451,947
CI7656	GNMA II	3.000	3,639,127	3,398,791
CI7657	GNMA II	3.000	3,787,382	3,701,221
CI7658	GNMA II	3.000	4,049,618	3,764,688
CI7659	GNMA II	3.000	5,883,370	5,752,055
CI7660	GNMA II	3.000	4,966,783	4,857,819
CI7661	GNMA II	3.000	5,937,851	5,806,941
Subtotal			48,817,314	47,205,697

MINNESOTA HOUSING

2021D, continued

2021D Participation Interest in the following Mortgage-Backed Securities
(51.4529% of the principal payments and 100.00% of the interest payments paid to 2021D)

Pool Number	Pool Type	Pass-Through	Principal Amount	Principal Amount
QC7299	FHLMC	3.000 %	$ 500,911	$ 490,182
QC9234	FHLMC	3.000	1,449,836	1,185,556
Subtotal			1,950,747	1,675,739
MBS Participation Interest (51.4529%)			1,003,716	862,216

2021D, continued

2021D Participation Interest in the following Mortgage-Backed Securities
(51.4529% of the principal payments and 100.00% of the interest payments paid to 2021D)

Pool Number	Pool Type	Pass-Through	Principal Amount	Principal Amount
BT0670	FNMA	3.000 %	$ 1,371,981	$ 1,062,249
CB2414	GNMA II	3.000	472,593	$ 460,600
Subtotal			$ 1,844,574	$ 1,522,849
MBS Participation Interest (51.4529%)			949,087	783,550
2021D Total			$ 50,770,117	$ 48,851,463

2022A

Pool Number	Pool Type	Pass-Through	Principal Amount	Principal Amount
QE6928	FHLMC	5.000 %	$ 2,082,225	$ 2,075,418
QE7868	FHLMC	5.000	2,081,971	2,075,005
QE7871	FHLMC	5.500	2,031,356	2,024,096
QE7873	FHLMC	5.500	650,209	647,605
BW5441	FNMA	5.500	3,776,093	3,764,462
BW6636	FNMA	5.500	8,989,620	8,956,135
BW6637	FNMA	6.000	1,160,941	1,157,047
BW6639	FNMA	5.500	1,277,138	1,273,207
BW6640	FNMA	6.000	2,863,554	2,855,100
BW6641	FNMA	6.000	902,618	899,941
CO8234	GNMA II	5.250	6,932,983	6,909,297
CO8235	GNMA II	5.375	619,128	617,059
CO8236	GNMA II	5.500	4,849,411	4,830,554
CO8237	GNMA II	5.500	4,297,492	4,282,747
CO8238	GNMA II	5.625	1,453,306	1,448,582
CO8239	GNMA II	5.750	2,759,880	2,748,999
CO8240	GNMA II	5.875	1,570,098	1,565,445
CO8241	GNMA II	6.000	1,763,084	1,757,941
2022A Total			$ 50,061,107	$ 49,888,638

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

Series	Weighted Average Pass-Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 12/31/2022	Curtailments 12 Months Ended 12/31/2022	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
Contributed	4.620%	$ 10,110,976	$ 159,346	$ 1,771	$ 7,720,447	$ 80,221	$ 7,800,668
2012A	3.474%	50,000,732	1,437,276	84,764	34,504,782	1,016,639	35,521,421
2012B	3.303%	75,000,177	2,000,410	135,106	48,126,861	1,297,416	49,424,277
2013A	2.926%	75,000,700	2,036,300	174,117	44,517,614	1,518,737	46,036,351
2013B	3.989%	97,924,910	1,313,105	112,123	59,380,753	1,786,638	61,167,391
2013C	2.862%	37,001,212	443,561	112,260	23,003,647	604,375	23,608,022
2014A	3.982%	38,526,927	384,469	41,956	31,311,480	387,679	31,699,159
2014BC	3.864%	32,531,332	1,585,157	11,541	23,674,421	212,637	23,887,058
2014D	3.807%	39,934,464	1,070,602	42,839	29,803,410	216,107	30,019,517
2015A	3.854%	60,013,153	2,401,296	29,766	39,311,510	707,005	40,018,515
2015B	3.629%	54,530,173	2,366,520	141,106	38,129,111	709,253	38,838,364
2015C	3.542%	40,225,585	743,858	249,480	27,983,173	865,051	28,848,224
2015D	3.513%	52,365,441	1,675,777	23,528	35,194,701	333,541	35,528,242
2016A	3.493%	97,273,565	3,763,275	89,272	62,602,468	809,952	63,412,420
2016B	3.528%	50,970,802	2,238,992	45,388	31,143,562	539,881	31,683,443
2016CD	3.207%	70,779,204	3,386,816	98,664	43,607,466	726,755	44,334,221
2016EF	3.216%	101,412,888	5,712,269	459,653	59,641,210	942,169	60,583,379
2016GH	3.099%	51,112,790	2,106,717	47,706	27,839,508	217,421	28,056,929
2017AB	3.146%	49,932,656	2,146,774	113,997	28,894,330	322,248	29,216,578
2017CD	3.330%	47,807,882	2,537,605	201,329	25,297,226	548,757	25,845,983
2017EF	3.624%	58,631,742	2,981,527	60,857	37,040,401	532,679	37,573,080
2017GH	3.608%	149,995,759	8,988,100	438,759	90,711,520	1,210,489	91,922,009
2017IJ	3.553%	115,397,382	8,121,333	221,786	67,493,006	771,791	68,264,797
2018AB	3.618%	76,494,989	6,938,857	286,228	42,945,792	821,882	43,767,674
2018CD	3.678%	50,544,097	3,287,758	50,285	28,985,579	299,843	29,285,422
2018EF	4.403%	100,330,208	7,493,839	(20,799)	66,496,226	282,540	66,778,766
2018GH	4.519%	63,567,193	5,891,518	203,838	39,623,965	366,864	39,990,829
2018IJ	4.554%	60,471,020	3,595,923	19,231	40,430,317	176,109	40,606,426
2019AB	4.642%	65,980,561	7,008,915	28,596	43,038,587	183,726	43,222,313
2019CD	4.500%	44,282,637	2,663,277	24,462	24,769,336	189,529	24,958,865
2019E	4.378%	45,949,045	4,049,978	14,626	29,520,270	111,102	29,631,372
2019F	4.305%	59,850,816	6,892,392	32,871	34,645,630	346,349	34,991,979
2019G	4.255%	90,294,925	11,071,618	235,961	42,969,175	486,652	43,455,827
2019H	3.978%	48,324,327	3,427,347	184,688	23,531,800	607,851	24,139,651
2020A	3.203%	43,964,432	3,185,399	29,213	12,050,212	95,780	12,145,992
2020BC	3.188%	55,979,048	5,950,523	36,636	17,002,271	410,700	17,412,971
2020D	3.223%	100,032,208	7,958,401	415,783	18,900,636	516,975	19,417,611
2020E	2.940%	40,067,035	2,315,197	511,120	4,591,983	553,664	5,145,647
2021A	2.824%	83,327,541	3,800,503	181,278	8,360,098	227,520	8,587,618
2021B	3.171%	49,021,978	1,847,359	219,116	6,023,740	361,933	6,385,673
2021C	2.978%	61,796,601	1,091,714	58,762	1,884,553	89,330	1,973,883
2021D	3.000%	50,768,061	790,915	21,242	790,915	24,750	815,665
2022A	5.518%	50,061,107	-	16,970	-	16,970	16,970
Total		$ 2,697,588,279	$ 148,862,518	$ 5,487,875	$ 1,403,493,692	$ 22,527,510	$ 1,426,021,202

*Total MBS Purchased in this Schedule E does not equal the aggregate Principal Amount at Acquisition in Schedule D. 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 D. 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 the Total MBS Purchased in this Schedule E and the aggregate of Principal Amount at Acquisition in Schedule D.

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

Series	Bond Call Date	Source of Funds: Unexpended Proceeds	Source of Funds: Excess Revenues	Source of Funds: Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012A	7/1/2022	$ -	$ 706,643	$ -	$ 706,643	2042
Total 2012A		-	706,643	-	706,643	
2012B	7/1/2022	$ -	$ 670,528	$ -	$ 670,528	2042
Total 2012B		-	670,528	-	670,528	
2013A	7/1/2022	$ -	$ 685,215	$ -	$ 685,215	2042
Total 2013A		-	685,215	-	685,215	
Grand Total		$ -	$ 2,062,386	$ -	$ 2,062,386	

Homeownership Finance Bonds, 2012 Series A
(GNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QFT6	9/1/2042	Pass-Through	2.600	$ 50,000,000	$ 42,339,242	$ 706,643	$ 6,954,115	NA
				$ 50,000,000	$ 42,339,242	$ 706,643	$ 6,954,115	

Mandatory Redemption: The 2012 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2012 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2012 A Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2012 Series A Bonds are also subject to redemption prior to their stated maturity at the option of the Agency, in whole or in part, on July 1, 2022 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2012 Series B
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QFU3	12/1/2042	Pass-Through	2.250	$ 75,000,000	$ 60,251,189	$ 670,528	$ 14,078,283	NA
				$ 75,000,000	$ 60,251,189	$ 670,528	$ 14,078,283	

Mandatory Redemption: The 2012 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2012 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2012 B Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2012 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2022 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2013 Series A
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QFV1	3/1/2043	Pass-Through	2.350	$ 75,000,000	$ 57,514,613	$ 685,215	$ 16,800,172	NA
				$ 75,000,000	$ 57,514,613	$ 685,215	$ 16,800,172	

Mandatory Redemption: The 2013 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2013 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2013 A Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2013 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2022 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2013 Series B
(GNMA and FNMA Pass-Through Program)

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QFW9	9/1/2041	Pass-Through	2.700	$ 85,148,519	$ 71,712,007	$ -	$ 13,436,512	NA
				$ 85,148,519	$ 71,712,007	$ -	$ 13,436,512	

Mandatory Redemption: The 2013 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2013 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2013 B Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2013 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2023 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2013 Series C
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QFX7	9/1/2043	Pass-Through	3.000	$ 37,000,000	$ 28,782,752	$ -	$ 8,217,248	NA
				$ 37,000,000	$ 28,782,752	$ -	$ 8,217,248	

Mandatory Redemption: The 2013 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2013 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2013 C Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2013 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2023 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2014 Series A
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QFY5	7/1/2044	Pass-Through	3.000	$ 38,526,925	$ 34,935,353	$ -	$ 3,591,572	NA
				$ 38,526,925	$ 34,935,353	$ -	$ 3,591,572	

Mandatory Redemption: The 2014 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2014 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2014 A Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2014 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2024 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2014 Series B
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QFZ2	9/1/2044	Pass-Through	2.950	$ 18,868,172	$ 15,632,103	$ -	$ 3,236,069	NA
				$ 18,868,172	$ 15,632,103	$ -	$ 3,236,069	

Mandatory Redemption: The 2014 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2014 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the pro rata portion, based on the proportionate amount of the outstanding principal amount of the 2014 Series B Bonds to the aggregate outstanding principal amounts of all outstanding 2014 Series B Bonds and 2014 Series C Bonds, of all repayments and prepayments of mortgage principal from Program Loans backing 2014 B and 2014 C Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts is reasonably determined by the Trustee.

Optional Redemption: The 2014 Series B and Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2024 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2014 Series C
(GNMA and FNMA Pass-Through Program)

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGA6	9/1/2044	Pass-Through	3.250	$ 13,663,159	$ 11,319,798	$ -	$ 2,343,361	NA
				$ 13,663,159	$ 11,319,798	$ -	$ 2,343,361	

Mandatory Redemption: The 2014 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2014 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the pro rata portion, based on the proportionate amount of the outstanding principal amount of the 2014 Series C Bonds to the aggregate outstanding principal amounts of all outstanding 2014 Series B Bonds and 2014 Series C Bonds, of all repayments and prepayments of mortgage principal from Program Loans backing 2014 B and 2014 C Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts is reasonably determined by the Trustee.

Optional Redemption: The 2014 Series B and Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2024 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2014 Series D
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGB4	11/1/2044	Pass-Through	2.875	$ 39,934,464	$ 33,684,887	$ -	$ 6,249,577	NA
				$ 39,934,464	$ 33,684,887	$ -	$ 6,249,577	

Mandatory Redemption: The 2014 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2014 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2014 D Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2014 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2024 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2015 Series A
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGC2	2/1/2045	Pass-Through	2.800	$ 60,013,152	$ 46,184,000	$ -	$ 13,829,152	NA
				$ 60,013,152	$ 46,184,000	$ -	$ 13,829,152	

Mandatory Redemption: The 2015 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2015 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2015 A Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2015 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2024 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2015 Series B
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGD0	4/1/2045	Pass-Through	3.000	$ 54,530,172	$ 44,046,813	$ -	$ 10,483,359	NA
				$ 54,530,172	$ 44,046,813	$ -	$ 10,483,359	

Mandatory Redemption: The 2015 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2015 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2015 B Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2015 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2024 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2015 Series C
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGE8	6/1/2045	Pass-Through	3.050	$ 40,225,586	$ 32,474,899	$ -	$ 7,750,687	NA
				$ 40,225,586	$ 32,474,899	$ -	$ 7,750,687	

Mandatory Redemption: The 2015 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2015 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2015 C Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2015 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2024 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2015 Series D
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGF5	11/1/2045	Pass-Through	2.900	$ 52,365,441	$ 40,542,741	$ -	$ 11,822,700	NA
				$ 52,365,441	$ 40,542,741	$ -	$ 11,822,700	

Mandatory Redemption: The 2015 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2015 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2015 D Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2015 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2025 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2016 Series A
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGG3	2/1/2046	Pass-Through	2.950	$ 97,273,565	$ 72,641,081	$ -	$ 24,632,484	NA
				$ 97,273,565	$ 72,641,081	$ -	$ 24,632,484	

Mandatory Redemption: The 2016 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2016 A Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2016 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2025 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2016 Series B
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGH1	4/1/2046	Pass-Through	2.700	$ 50,970,802	$ 36,472,089	$ -	$ 14,498,713	NA
				$ 50,970,802	$ 36,472,089	$ -	$ 14,498,713	

Mandatory Redemption: The 2016 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2016 B Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2016 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2025 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2016 Series C
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGJ7	8/1/2046	Pass-Through	2.330	$ 35,389,598	$ 25,451,172	$ -	$ 9,938,426	NA
				$ 35,389,598	$ 25,451,172	$ -	$ 9,938,426	

Mandatory Redemption: The 2016 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2016 C and 2016 D Program Securities that are allocable to the 2016 Series C Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2016 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2025 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2016 Series D
(GNMA and FNMA Pass-Through Program)

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGK4	8/1/2046	Pass-Through	2.730	$ 35,389,601	$ 25,453,119	$ -	$ 9,936,482	NA
				$ 35,389,601	$ 25,453,119	$ -	$ 9,936,482	

Mandatory Redemption: The 2016 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2016 C and 2016 D Program Securities that are allocable to the 2016 Series D Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2016 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2025 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2016 Series E
(GNMA and FNMA Pass-Through Program)

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGM0	10/1/2046	Pass-Through	2.350	$ 35,494,509	$ 24,493,217	$ -	$ 11,001,292	NA
				$ 35,494,509	$ 24,493,217	$ -	$ 11,001,292	

Mandatory Redemption: The 2016 Series E Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series E Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2016 E and 2016 F Program Securities that are allocable to the 2016 Series E Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2016 Series E Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2016 Series F
(GNMA and FNMA Pass-Through Program)

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGL2	10/1/2046	Pass-Through	2.680	$ 65,918,377	$ 44,773,902	$ -	$ 21,144,475	NA
				$ 65,918,377	$ 44,773,902	$ -	$ 21,144,475	

Mandatory Redemption: The 2016 Series F Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series F Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2016 E and 2016 F Program Securities that are allocable to the 2016 Series F Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2016 Series F Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2016 Series G
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGN8	11/1/2046	Pass-Through	2.300	$ 20,445,117	$ 13,269,717	$ -	$ 7,175,400	NA
				$ 20,445,117	$ 13,269,717	$ -	$ 7,175,400	

Mandatory Redemption: The 2016 Series G Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series G Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the pro rata portion, based on the proportionate amount of the outstanding principal amount of the 2016 Series G Bonds to the aggregate outstanding principal amounts of all outstanding 2016 Series G Bonds and 2016 Series H Bonds, of all repayments and prepayments of mortgage principal from Program Loans backing 2016 G and 2016 H Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts is reasonably determined by the Trustee.

Optional Redemption: The 2016 Series G Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2016 Series H
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGP3	11/1/2046	Pass-Through	2.650	$ 30,667,674	$ 19,721,827	$ -	$ 10,945,847	NA
				$ 30,667,674	$ 19,721,827	$ -	$ 10,945,847	

Mandatory Redemption: The 2016 Series H Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2016 Series H Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the pro rata portion, based on the proportionate amount of the outstanding principal amount of the 2016 Series F Bonds to the aggregate outstanding principal amounts of all outstanding 2016 Series G Bonds and 2016 Series H Bonds, of all repayments and prepayments of mortgage principal from Program Loans backing 2016 G and 2016 H Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts is reasonably determined by the Trustee.

Optional Redemption: The 2016 Series H Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2017 Series A
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGQ1	3/1/2047	Pass-Through	2.930	$ 24,966,329	$ 17,014,916	$ -	$ 7,951,413	NA
				$ 24,966,329	$ 17,014,916	$ -	$ 7,951,413	

Mandatory Redemption: The 2017 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the pro rata portion, based on the proportionate amount of the outstanding principal amount of the 2017 Series A Bonds to the aggregate outstanding principal amounts of all outstanding 2017 Series A Bonds and 2017 Series B Bonds, of all repayments and prepayments of mortgage principal from Program Loans backing 2017 A and 2017 B Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts is reasonably determined by the Trustee.

Optional Redemption: The 2017 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2017 Series B
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGGR9	3/1/2047	Pass-Through	3.250	$ 24,966,327	$ 16,487,614	$ -	$ 8,478,713	NA
				$ 24,966,327	$ 16,487,614	$ -	$ 8,478,713	

Mandatory Redemption: The 2017 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the pro rata portion, based on the proportionate amount of the outstanding principal amount of the 2017 Series A Bonds to the aggregate outstanding principal amounts of all outstanding 2017 Series A Bonds and 2017 Series B Bonds, of all repayments and prepayments of mortgage principal from Program Loans backing 2017 A and 2017 B Program Securities, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts is reasonably determined by the Trustee.

Optional Redemption: The 2017 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2017 Series C
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGS7	4/1/2047	Pass-Through	3.080	$ 23,903,940	$ 14,949,382	$ -	$ 8,954,558	NA
				$ 23,903,940	$ 14,949,382	$ -	$ 8,954,558	

Mandatory Redemption: The 2017 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 C and 2016 D Program Securities that are allocable to the 2017 Series C Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2017 Series D
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGT5	4/1/2047	Pass-Through	3.430	$ 23,903,941	$ 15,139,179	$ -	$ 8,764,762	NA
				$ 23,903,941	$ 15,139,179	$ -	$ 8,764,762	

Mandatory Redemption: The 2017 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 C and 2017 D Program Securities that are allocable to the 2017 Series D Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2017 Series E
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGU2	6/1/2047	Pass-Through	2.850	$ 39,283,268	$ 28,032,882	$ -	$ 11,250,386	NA
				$ 39,283,268	$ 28,032,882	$ -	$ 11,250,386	

Mandatory Redemption: The 2017 Series E Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series E Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 E and 2017 F Program Securities that are allocable to the 2017 Series E Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series E Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2017 Series F
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGV0	38/1/2047	Pass-Through	3.200	$ 19,348,474	$ 13,694,047	$ -	$ 5,654,427	NA
				$ 19,348,474	$ 13,694,047	$ -	$ 5,654,427	

Mandatory Redemption: The 2017 Series F Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series F Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 E and 2017 F Program Securities that are allocable to the 2017 Series F Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series F Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2026 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2017 Series G
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGW8	10/1/2047	Pass-Through	2.650	$ 84,997,946	$ 57,941,418	$ -	$ 27,056,528	NA
				$ 84,997,946	$ 57,941,418	$ -	$ 27,056,528	

Mandatory Redemption: The 2017 Series G Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series G Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 G and 2017 H Program Securities that are allocable to the 2017 Series G Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series G Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2017 Series H
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGX6	10/1/2047	Pass-Through	3.000	$ 64,997,812	$ 44,307,722	$ -	$ 20,690,090	NA
				$ 64,997,812	$ 44,307,722	$ -	$ 20,690,090	

Mandatory Redemption: The 2017 Series H Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series H Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 G and 2017 H Program Securities that are allocable to the 2017 Series H Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series H Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2017 Series I
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGY4	12/1/2047	Pass-Through	2.800	$ 69,238,429	$ 45,619,377	$ -	$ 23,619,052	NA
				$ 69,238,429	$ 45,619,377	$ -	$ 23,619,052	

Mandatory Redemption: The 2017 Series I Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series I Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 I and 2017 J Program Securities that are allocable to the 2017 Series I Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series I Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2017 Series J
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QGZ1	12/1/2047	Pass-Through	3.100	$ 46,158,952	$ 30,438,514	$ -	$ 15,720,438	NA
				$ 46,158,952	$ 30,438,514	$ -	$ 15,720,438	

Mandatory Redemption: The 2017 Series J Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2017 Series J Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2017 I and 2017 J Program Securities that are allocable to the 2017 Series J Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2017 Series J Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2018 Series A
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHA5	3/1/2048	Pass-Through	3.300	$ 38,247,496	$ 24,812,243	$ -	$ 13,435,253	NA
				$ 38,247,496	$ 24,812,243	$ -	$ 13,435,253	

Mandatory Redemption: The 2018 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 A and 2018 B Program Securities that are allocable to the 2018 Series A Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2018 Series B Taxable
Mortgage-Backed Securities Pass-Through Program

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHB3	3/1/2048	Pass-Through	3.650	$ 38,247,494	$ 23,786,873	$ -	$ 14,460,621	NA
				$ 38,247,494	$ 23,786,873	$ -	$ 14,460,621	

Mandatory Redemption: The 2018 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 A and 2018 B Program Securities that are allocable to the 2018 Series B Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2018 Series C
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHC1	5/1/2048	Pass-Through	3.300	$ 30,326,457	$ 19,431,695	$ -	$ 10,894,762	NA
				$ 30,326,457	$ 19,431,695	$ -	$ 10,894,762	

Mandatory Redemption: The 2018 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 C and 2018 D Program Securities that are allocable to the 2018 C Series Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2018 Series D Taxable
Mortgage-Backed Securities Pass-Through Program

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHD9	5/1/2048	Pass-Through	3.650	$ 20,217,638	$ 12,959,771	$ -	$ 7,257,867	NA
				$ 20,217,638	$ 12,959,771	$ -	$ 7,257,867	

Mandatory Redemption: The 2018 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 C and 2018 D Program Securities that are allocable to the 2018 Series D Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2027 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2018 Series E
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHE7	9/1/2048	Pass-Through	3.450	$ 47,757,180	$ 33,823,138	$ -	$ 13,934,042	NA
				$ 47,757,180	$ 33,823,138	$ -	$ 13,934,042	

Mandatory Redemption: The 2018 Series E Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series E Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 E and 2018 F Program Securities that are allocable to the 2018 E Series Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series E Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2018 Series F
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHF4	9/1/2048	Pass-Through	3.800	$ 52,573,028	$ 37,233,700	$ -	$ 15,339,328	NA
				$ 52,573,028	$ 37,233,700	$ -	$ 15,339,328	

Mandatory Redemption: The 2018 Series F Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series F Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 E and 2018 F Program Securities that are allocable to the 2018 Series F Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series F Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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HOMEOWNERSHIP FINANCE BONDS
BONDS OUTSTANDING AND CALL PRIORITY
Information as of December 31, 2022

Homeownership Finance Bonds, 2018 Series G
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHG2	11/1/2048	Pass-Through	3.750	$ 31,783,596	$ 21,444,448	$ -	$ 10,339,148	NA
				$ 31,783,596	$ 21,444,448	$ -	$ 10,339,148	

Mandatory Redemption: The 2018 Series G Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series G Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 G and 2018 H Program Securities that are allocable to the 2018 G Series Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series G Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2018 Series H
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHH0	11/1/2048	Pass-Through	4.100	$ 31,783,596	$ 21,329,644	$ -	$ 10,453,952	NA
				$ 31,783,596	$ 21,329,644	$ -	$ 10,453,952	

Mandatory Redemption: The 2018 Series H Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series H Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 G and 2018 H Program Securities that are allocable to the 2018 Series H Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series H Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2018 Series I
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHJ6	1/1/2049	Pass-Through	3.600	$ 22,971,005	$ 16,351,512	$ -	$ 6,619,493	NA
				$ 22,971,005	$ 16,351,512	$ -	$ 6,619,493	

Mandatory Redemption: The 2018 Series I Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series I Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 I and 2018 J Program Securities that are allocable to the 2018 Series I Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series I Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2018 Series J
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHK3	1/1/2049	Pass-Through	4.000	$ 37,500,014	$ 26,693,735	$ -	$ 10,806,279	NA
				$ 37,500,014	$ 26,693,735	$ -	$ 10,806,279	

Mandatory Redemption: The 2018 Series J Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2018 Series J Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2018 I and 2018 J Program Securities that are allocable to the 2018 Series J Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2018 Series J Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2019 Series A
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHL1	3/1/2049	Pass-Through	3.450	$ 35,629,502	$ 24,661,981	$ -	$ 10,967,521	NA
				$ 35,629,502	$ 24,661,981	$ -	$ 10,967,521	

Mandatory Redemption: The 2019 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2019 A and 2019 B Program Securities that are allocable to the 2019 Series A Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2019 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2019 Series B
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHM9	3/1/2049	Pass-Through	3.800	$ 30,351,057	$ 21,008,354	$ -	$ 9,342,703	NA
				$ 30,351,057	$ 21,008,354	$ -	$ 9,342,703	

Mandatory Redemption: The 2019 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2019 A and 2019 B Program Securities that are allocable to the 2019 Series B Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2019 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2019 Series C
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHN7	6/1/2049	Pass-Through	3.150	$ 13,727,617	$ 8,284,236	$ -	$ 5,443,381	NA
				$ 13,727,617	$ 8,284,236	$ -	$ 5,443,381	

Mandatory Redemption: The 2019 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2019 C and 2019 D Program Securities that are allocable to the 2019 Series C Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2019 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2019 Series D
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHP2	6/1/2049	Pass-Through	3.550	$ 30,555,019	$ 18,439,107	$ -	$ 12,115,912	NA
				$ 30,555,019	$ 18,439,107	$ -	$ 12,115,912	

Mandatory Redemption: The 2019 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2019 C and 2019 D Program Securities that are allocable to the 2019 Series D Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2019 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2019 Series E
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHQ0	7/1/2049	Pass-Through	3.250	$ 45,949,045	$ 31,087,956	$ -	$ 14,861,089	NA
				$ 45,949,045	$ 31,087,956	$ -	$ 14,861,089	

Mandatory Redemption: The 2019 Series E Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series E Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2019 E Program Securities that are allocable to the 2019 Series E Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee.

Optional Redemption: The 2019 Series E Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2028 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2019 Series F
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHR8	8/1/2049	Pass-Through	3.230	$ 59,850,816	$ 37,159,797	$ -	$ 22,691,019	NA
				$ 59,850,816	$ 37,159,797	$ -	$ 22,691,019	

Mandatory Redemption: The 2019 Series F Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series F Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2019 F Program Securities that are allocable to the 2019 Series F Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee.

Optional Redemption: The 2019 Series F Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2029 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2019 Series G
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHS6	12/1/2049	Pass-Through	3.020	$ 90,294,924	$ 46,680,443	$ -	$ 43,614,481	NA
				$ 90,294,924	$ 46,680,443	$ -	$ 43,614,481	

Mandatory Redemption: The 2019 Series G Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series G Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2019 G Program Securities that are allocable to the 2019 Series G Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee.

Optional Redemption: The 2019 Series G Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2029 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2019 Series H
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHT4	1/1/2050	Pass-Through	2.470	$ 48,324,326	$ 27,184,293	$ -	$ 21,140,033	NA
				$ 48,324,326	$ 27,184,293	$ -	$ 21,140,033	

Mandatory Redemption: The 2019 Series H Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2019 Series H Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2019 H Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2019 Series H Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2029 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2020 Series A
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHU1	4/1/2050	Pass-Through	2.500	$ 43,964,432	$ 14,051,683	$ -	$ 29,912,749	NA
				$ 43,964,432	$ 14,051,683	$ -	$ 29,912,749	

Mandatory Redemption: The 2020 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2020 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2020 A Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2020 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2029 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2020 Series B Non-AMT
Mortgage-Backed Securities Pass-Through Program

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHW7	6/1/2050	Pass-Through	2.350	$ 18,000,062	$ 6,290,920	$ -	$ 11,709,142	NA
				$ 18,000,062	$ 6,290,920	$ -	$ 11,709,142	

Mandatory Redemption: The 2020 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2020 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2020 B and 2020 C Program Securities that are allocable to the 2020 Series B Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2020 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2029 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2020 Series C
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHX5	6/1/2050	Pass-Through	2.450	$ 37,978,984	$ 13,213,307	$ -	$ 24,765,677	NA
				$ 37,978,984	$ 13,213,307	$ -	$ 24,765,677	

Mandatory Redemption: The 2020 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2020 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to the percentage of all repayments and prepayments of mortgage principal from Program Loans backing the 2020 B and 2020 C Program Securities that are allocable to the 2020 Series C Bonds, received by or on behalf of the Agency in the immediately preceding calendar month, as such amounts are reasonably determined by the Trustee. The cumulative principal amount redeemed will not be less than the cumulative regularly scheduled principal payments due on those Program Loans.

Optional Redemption: The 2020 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2029 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2020 Series D
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHY3	9/1/2050	Pass-Through	1.920	$ 100,000,000	$ 22,709,244	$ -	$ 77,290,756	NA
				$ 100,000,000	$ 22,709,244	$ -	$ 77,290,756	

Mandatory Redemption: The 2020 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2020 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2020 D Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2020 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2030 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2020 Series E
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QHZ0	12/1/2050	Pass-Through	1.680	$ 40,067,034	$ 6,227,392	$ -	$ 33,839,642	NA
				$ 40,067,034	$ 6,227,392	$ -	$ 33,839,642	

Mandatory Redemption: The 2020 Series E Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2020 Series E Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2020 E Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2020 Series E Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2030 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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Homeownership Finance Bonds, 2021 Series A
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QJA3	2/1/2051	Pass-Through	1.580	$ 83,327,541	$ 11,455,126	$ -	$ 71,872,415	NA
				$ 83,327,541	$ 11,455,126	$ -	$ 71,872,415	

Mandatory Redemption: The 2021 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2021 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2021 A Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2021 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2030 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2021 Series B
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QJB1	6/1/2051	Pass-Through	1.930	$ 49,021,977	$ 8,160,679	$ -	$ 40,861,298	NA
				$ 49,021,977	$ 8,160,679	$ -	$ 40,861,298	

Mandatory Redemption: The 2021 Series B Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2021 Series B Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2021 B Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2021 Series B Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on July 1, 2030 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2021 Series C
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QJC9	9/1/2051	Pass-Through	2.050	$ 61,764,185	$ 3,494,487	$ -	$ 58,269,698	NA
				$ 61,764,185	$ 3,494,487	$ -	$ 58,269,698	

Mandatory Redemption: The 2021 Series C Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2021 Series C Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2021 C Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2021 Series C Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2031 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2021 Series D
Mortgage-Backed Securities Pass-Through Program

Non-AMT

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QJD7	12/1/2051	Pass-Through	2.050	$ 50,768,060	$ 1,829,432	$ -	$ 48,938,628	NA
				$ 50,768,060	$ 1,829,432	$ -	$ 48,938,628	

Mandatory Redemption: The 2021 Series D Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2021 Series D Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2021 D Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2021 Series D Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2031 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

Homeownership Finance Bonds, 2022 Series A
Mortgage-Backed Securities Pass-Through Program

Taxable

CUSIP*	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416QJE5	10/1/2052	Pass-Through	4.450	$ 50,000,000	$ 110,916	$ -	$ 49,889,084	NA
				$ 50,000,000	$ 110,916	$ -	$ 49,889,084	

Mandatory Redemption: The 2022 Series A Bonds are subject to mandatory redemption, in whole or in part on each Regular Interest Payment Date, at a redemption price equal to the principal amount of the 2022 Series A Bonds to be redeemed plus accrued interest to the redemption date, without premium, in the principal amount equal to all repayments and prepayments of mortgage principal from Program Loans backing 2022 A Program Securities received by or on behalf of the Agency in the immediately preceding calendar month, as such amount is reasonably determined by the Trustee.

Optional Redemption: The 2022 Series A Bonds are also subject to redemption prior to their stated maturity dates at the option of the Agency, in whole or in part, on January 1, 2032 or any date thereafter, from any amounts available to the Agency for such purpose, at a redemption price equal to the principal amount thereof to be redeemed plus accrued interest to the date of redemption, without premium.

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MINNESOTA HOUSING

HFB 2012A	
Date	Percent
12/31/2022	100.00%

HFB 2012B	
Date	Percent
12/31/2022	100.00%

HFB 2013A	
Date	Percent
12/31/2022	0.00%
02/28/2023	100.00%

HFB 2013C	
Date	Percent
12/31/2022	0.00%
07/25/2023	100.00%

HFB 2014A	
Date	Percent
12/31/2022	0.00%
06/19/2024	100.00%

HFB 2014BC[a]	
Date	Percent
12/31/2022	0.00%
08/26/2024	58.00%

HFB 2014D	
Date	Percent
12/31/2022	0.00%
10/28/2024	100.00%

HFB 2015A	
Date	Percent
12/31/2022	0.00%
01/26/2025	100.00%

HFB 2015B	
Date	Percent
12/31/2022	0.00%
03/24/2025	100.00%

HFB 2015C	
Date	Percent
12/31/2022	0.00%
05/25/2025	100.00%

[a] The percentages shown relate to prepayments and repayments allocable to both the tax-exempt and taxable series of bonds.

HFB 2015D	
Date	Percent
12/31/2022	0.00%
10/20/2025	100.00%

HFB 2016A	
Date	Percent
12/31/2022	0.00%
01/25/2026	100.00%

HFB 2016B	
Date	Percent
12/31/2022	0.00%
03/22/2026	100.00%

HFB 2016C[b]	
Date	Percent
12/31/2022	47.96%
07/01/2023	70.33%
07/01/2024	87.05%
07/01/2025	100.00%

HFB 2016E[c]	
Date	Percent
12/31/2022	41.35%
07/01/2023	51.31%
07/01/2024	59.84%
07/01/2025	66.48%
07/01/2026	100.00%

[b] Although the HFB 2016 C Bonds were issued with the 2016 D Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2016 Series C Bonds. The prepayments and repayments allocable to the HFB 2016 Series D Bonds are not tax-restricted, but are dedicated to payment of the 2016 Series D Bonds.

[c] Although the HFB 2016 E Bonds were issued with the 2016 F Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2016 Series E Bonds. The prepayments and repayments allocable to the HFB 2016 Series F Bonds are not tax-restricted, but are dedicated to payment of the 2016 Series F Bonds.

HFB 2016G[d]	
Date	Percent
12/31/2022	43.67%
07/01/2023	46.30%
01/01/2024	54.91%
07/01/2024	64.70%
01/01/2025	77.80%
07/01/2025	84.65%
01/01/2026	99.74%
07/01/2026	100.00%

HFB 2017A[e]	
Date	Percent
12/31/2022	41.89%
07/01/2023	45.15%
01/01/2024	53.95%
07/01/2024	60.26%
01/01/2025	70.71%
07/01/2025	74.26%
01/01/2026	83.57%
01/01/2027	100.00%

HFB 2017C[f]	
Date	Percent
12/31/2022	28.61%
07/01/2023	30.94%
01/01/2024	42.49%
07/01/2024	46.05%
01/01/2025	56.50%
07/01/2025	58.22%
01/01/2026	74.18%
01/01/2027	100.00%

HFB 2017E[g]	
Date	Percent
12/31/2022	27.77%
07/01/2023	28.08%
01/01/2024	35.49%
07/01/2024	37.11%
01/01/2025	40.63%
07/01/2025	47.40%
01/01/2026	52.76%
01/01/2027	100.00%

HFB 2017G[h]	
Date	Percent
12/31/2022	20.51%
07/01/2023	22.22%
01/01/2024	27.25%
07/01/2024	30.28%
01/01/2025	36.52%
07/01/2025	38.95%
01/01/2026	46.10%
07/01/2027	100.00%

[d] Although the HFB 2016 G Bonds were issued with the 2016 H Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2016 Series G Bonds. The prepayments and repayments allocable to the HFB 2016 Series H Bonds are not tax-restricted, but are dedicated to payment of the 2016 Series H Bonds.

[e] Although the HFB 2017 A Bonds were issued with the 2017 B Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2017 Series A Bonds. The prepayments and repayments allocable to the HFB 2017 Series B Bonds are not tax-restricted, but are dedicated to payment of the 2017 Series B Bonds.

[f] Although the HFB 2017 C Bonds were issued with the 2017 D Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2017 Series C Bonds. The prepayments and repayments allocable to the HFB 2017 Series D Bonds are not tax-restricted, but are dedicated to payment of the 2017 Series D Bonds.

[g] Although the HFB 2017 E Bonds were issued with the 2017 F Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2017 Series E Bonds. The prepayments and repayments allocable to the HFB 2017 Series F Bonds are not tax-restricted, but are dedicated to payment of the 2017 Series F Bonds.

[h] Although the HFB 2017 G Bonds were issued with the 2017 H Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2017 Series G Bonds. The prepayments and repayments allocable to the HFB 2017 Series H Bonds are not tax-restricted, but are dedicated to payment of the 2017 Series H Bonds.

MINNESOTA HOUSING

HFB 2017I[i]	
Date	Percent
12/31/2022	18.24%
07/01/2023	18.71%
01/01/2024	24.32%
07/01/2024	27.10%
01/01/2025	34.17%
07/01/2025	39.72%
01/01/2026	46.84%
07/01/2027	100.00%

HFB 2018A[j]	
Date	Percent
12/31/2022	15.88%
07/01/2023	16.83%
01/01/2024	21.16%
07/01/2024	24.08%
01/01/2025	34.08%
07/01/2025	34.82%
01/01/2026	44.34%
07/01/2027	45.97%
02/01/2028	100.00%

HFB 2018C[k]	
Date	Percent
12/31/2022	25.91%
07/01/2023	27.28%
01/01/2024	35.98%
07/01/2024	40.25%
01/01/2025	50.09%
07/01/2025	53.84%
01/01/2026	68.54%
07/01/2027	72.38%
04/25/2018	100.00%

HFB 2018E[l]	
Date	Percent
12/31/2022	15.51%
07/01/2023	16.52%
01/01/2024	21.03%
07/01/2024	23.71%
01/01/2025	30.87%
07/01/2025	34.31%
01/01/2026	42.72%
01/01/2027	45.23%
08/28/2028	100.00%

HFB 2018G[m]	
Date	Percent
12/31/2022	27.69%
07/01/2023	30.39%
01/01/2024	43.92%
07/01/2024	50.12%
01/01/2025	63.91%
07/01/2025	70.48%
01/01/2026	85.57%
07/01/2026	90.22%
07/01/2027	97.57%
10/30/2028	100.00%

[i] Although the HFB 2017 I Bonds were issued with the 2017 J Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2017 Series I Bonds. The prepayments and repayments allocable to the HFB 2017 Series J Bonds are not tax-restricted, but are dedicated to payment of the 2017 Series J Bonds.

[j] Although the HFB 2018 A Bonds were issued with the 2018 B Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2018 Series A Bonds. The prepayments and repayments allocable to the HFB 2018 Series B Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series B Bonds.

[k] Although the HFB 2018 C Bonds were issued with the 2018 D Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2018 Series C Bonds. The prepayments and repayments allocable to the HFB 2018 Series D Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series D Bonds.

[l] Although the HFB 2018 E Bonds were issued with the 2018 F Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2018 Series E Bonds. The prepayments and repayments allocable to the HFB 2018 Series F Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series E Bonds.

[m] Although the HFB 2018 G Bonds were issued with the 2018 H Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2018 Series G Bonds. The prepayments and repayments allocable to the HFB 2018 Series H Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series G Bonds.

Homeownership Finance Bond Resolution
Tax Restricted Prepayments and Repayments
Information as of December 31, 2022

MINNESOTA HOUSING

HFB 2018I[n]

Date	Percent
12/31/2022	8.78%
07/01/2023	10.85%
01/01/2024	14.25%
07/01/2024	19.75%
01/01/2025	23.78%
07/01/2025	26.78%
01/01/2026	31.25%
07/01/2026	33.12%
07/01/2027	37.13%
07/01/2028	37.66%

HFB 2019A[o]

Date	Percent
12/31/2022	14.24%
07/01/2023	15.63%
01/01/2024	21.10%
07/01/2024	23.48%
01/01/2025	30.77%
07/01/2025	32.83%
01/01/2026	43.84%
07/01/2026	46.22%
07/01/2027	52.56%
07/01/2028	53.25%
02/21/2029	100.00%

HFB 2019C[p]

Date	Percent
12/31/2022	24.16%
07/01/2023	26.52%
01/01/2024	39.35%
07/01/2024	41.97%
01/01/2025	57.77%
07/01/2025	64.42%
01/01/2026	77.49%
07/01/2026	81.03%
07/01/2027	91.74%
07/01/2028	93.49%
05/28/2029	100.00%

HFB 2019H

Date	Percent
12/31/2022	95.48%
07/01/2023	95.54%
01/01/2024	95.83%
01/01/2024	96.00%
01/01/2025	96.41%
07/01/2025	96.59%
01/01/2026	97.01%
07/01/2026	97.11%
07/01/2027	98.48%
07/01/2028	99.98%
12/23/2029	100.00%

HFB 2020B[q]

Date	Percent
12/31/2022	23.66%
07/01/2023	25.27%
01/01/2024	39.81%
01/01/2024	45.71%
01/01/2025	55.09%
07/01/2025	65.23%
01/01/2026	80.83%
07/01/2026	84.33%
07/01/2027	94.18%
07/01/2028	99.99%
05/27/2030	100.00%

[n] Although the HFB 2018 I Bonds were issued with the 2018 J Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2018 Series I Bonds. The prepayments and repayments allocable to the HFB 2018 Series J Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series I Bonds.

[o] Although the HFB 2019 A Bonds were issued with the 2019 B Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2019 Series A Bonds. The prepayments and repayments allocable to the HFB 2019 Series B Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series B Bonds.

[p] Although the HFB 2019 C Bonds were issued with the 2019 D Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2019 Series C Bonds. The prepayments and repayments allocable to the HFB 2019 Series D Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series D Bonds.

[q] Although the HFB 2020 B Bonds were issued with the 2020 C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments allocable to the 2020 Series B Bonds. The prepayments and repayments allocable to the HFB 2020 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2020 Series C Bonds.

HFB 2021D	
Date	Percent
12/31/2022	15.78%
07/01/2023	16.78%
01/01/2024	22.80%
07/01/2024	27.42%
01/01/2025	33.74%
07/01/2025	44.22%
01/01/2026	54.67%
07/01/2026	58.08%
07/01/2027	70.77%
07/01/2028	76.74%
01/01/2029	80.08%
07/01/2029	84.13%
01/01/2030	91.22%
07/01/2030	92.46%
11/23/2031	100.00%

Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
None	Revenue	Government Money Market Fund	Daily	4.04668 % $	5,887,793
2012A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	15,067
2012A	Excess Carryover	Government Money Market Fund	Daily	4.04668	223
2012A	Redemption	Government Money Market Fund	Daily	4.04668	158,549
2012A	Revenue	Government Money Market Fund	Daily	4.04668	40,161
2012B	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	26,397
2012B	Excess Carryover	Government Money Market Fund	Daily	4.04668	149
2012B	Redemption	Government Money Market Fund	Daily	4.04668	93,279
2012B	Revenue	Government Money Market Fund	Daily	4.04668	63,188
2013A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	32,900
2013A	Excess Carryover	Government Money Market Fund	Daily	4.04668	242
2013A	Redemption	Government Money Market Fund	Daily	4.04668	72,529
2013A	Revenue	Government Money Market Fund	Daily	4.04668	68,186
2013B	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	30,232
2013B	Redemption	Government Money Market Fund	Daily	4.04668	75,259
2013B	Revenue	Government Money Market Fund	Daily	4.04668	5,184,236
2013C	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	20,543
2013C	Redemption	Government Money Market Fund	Daily	4.04668	93,247
2013C	Revenue	Government Money Market Fund	Daily	4.04668	5,620
2014A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	8,979
2014A	Excess Carryover	Government Money Market Fund	Daily	4.04668	317,301
2014A	Redemption	Government Money Market Fund	Daily	4.04668	11,527
2014A	Revenue	Government Money Market Fund	Daily	4.04668	266,361
2014BC	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	14,302
2014BC	Excess Carryover	Government Money Market Fund	Daily	4.04668	12,565
2014BC	Redemption	Government Money Market Fund	Daily	4.04668	87,723
2014BC	Revenue	Government Money Market Fund	Daily	4.04668	241,544
2014D	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	14,973
2014D	Excess Carryover	Government Money Market Fund	Daily	4.04668	113,368
2014D	Redemption	Government Money Market Fund	Daily	4.04668	18,900
2014D	Revenue	Government Money Market Fund	Daily	4.04668	446,424
2015A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	32,268
2015A	Excess Carryover	Government Money Market Fund	Daily	4.04668	536,976
2015A	Redemption	Government Money Market Fund	Daily	4.04668	34,520
2015A	Revenue	Government Money Market Fund	Daily	4.04668	728,060
2015B	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	26,208
2015B	Redemption	Government Money Market Fund	Daily	4.04668	122,539
2015B	Revenue	Government Money Market Fund	Daily	4.04668	52,762
2015C	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	19,700
2015C	Redemption	Government Money Market Fund	Daily	4.04668	140,871
2015C	Revenue	Government Money Market Fund	Daily	4.04668	30,020
2015D	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	28,572
2015D	Excess Carryover	Government Money Market Fund	Daily	4.04668	102,633
2015D	Redemption	Government Money Market Fund	Daily	4.04668	28,799
2015D	Revenue	Government Money Market Fund	Daily	4.04668	56,968
2016A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	60,555
2016A	Redemption	Government Money Market Fund	Daily	4.04668	63,353
2016A	Revenue	Government Money Market Fund	Daily	4.04668	747,531
2016B	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	32,622
2016B	Excess Carryover	Government Money Market Fund	Daily	4.04668	43,216
2016B	Redemption	Government Money Market Fund	Daily	4.04668	132,892

Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
2016B	Revenue	Government Money Market Fund	Daily	4.04668 % $	658,518
2016CD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	41,903
2016CD	Redemption	Government Money Market Fund	Daily	4.04668	99,934
2016CD	Revenue	Government Money Market Fund	Daily	4.04668	50,570
2016EF	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	68,767
2016EF	Redemption	Government Money Market Fund	Daily	4.04668	873,374
2016EF	Revenue	Government Money Market Fund	Daily	4.04668	57,049
2016GH	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	37,925
2016GH	Excess Carryover	Government Money Market Fund	Daily	4.04668	329,212
2016GH	Redemption	Government Money Market Fund	Daily	4.04668	42,709
2016GH	Revenue	Government Money Market Fund	Daily	4.04668	23,728
2017AB	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	42,378
2017AB	Redemption	Government Money Market Fund	Daily	4.04668	48,301
2017AB	Revenue	Government Money Market Fund	Daily	4.04668	403,954
2017CD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	48,036
2017CD	Redemption	Government Money Market Fund	Daily	4.04668	43,659
2017CD	Revenue	Government Money Market Fund	Daily	4.04668	227,755
2017EF	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	41,798
2017EF	Redemption	Government Money Market Fund	Daily	4.04668	237,471
2017EF	Revenue	Government Money Market Fund	Daily	4.04668	34,702
2017GH	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	111,475
2017GH	Redemption	Government Money Market Fund	Daily	4.04668	416,103
2017GH	Revenue	Government Money Market Fund	Daily	4.04668	938,119
2017IJ	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	95,722
2017IJ	Redemption	Government Money Market Fund	Daily	4.04668	316,832
2017IJ	Revenue	Government Money Market Fund	Daily	4.04668	99,131
2018AB	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	80,931
2018AB	Redemption	Government Money Market Fund	Daily	4.04668	258,401
2018AB	Revenue	Government Money Market Fund	Daily	4.04668	8,903
2018CD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	52,037
2018CD	Redemption	Government Money Market Fund	Daily	4.04668	36,810
2018CD	Revenue	Government Money Market Fund	Daily	4.04668	46,600
2018EF	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	88,635
2018EF	Redemption	Government Money Market Fund	Daily	4.04668	367,303
2018EF	Revenue	Government Money Market Fund	Daily	4.04668	168,090
2018GH	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	68,028
2018GH	Redemption	Government Money Market Fund	Daily	4.04668	199,578
2018GH	Revenue	Government Money Market Fund	Daily	4.04668	66,597
2018IJ	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	55,879
2018IJ	Redemption	Government Money Market Fund	Daily	4.04668	28,983
2018IJ	Revenue	Government Money Market Fund	Daily	4.04668	108,427
2019AB	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	61,117
2019AB	Redemption	Government Money Market Fund	Daily	4.04668	150,172
2019AB	Revenue	Government Money Market Fund	Daily	4.04668	624,056
2019CD	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	50,132
2019CD	Redemption	Government Money Market Fund	Daily	4.04668	29,068
2019CD	Revenue	Government Money Market Fund	Daily	4.04668	481,736
2019E	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	40,249
2019E	Redemption	Government Money Market Fund	Daily	4.04668	276,326
2019E	Revenue	Government Money Market Fund	Daily	4.04668	555,392
2019F	Bond Fund Interest	Government Money Market Fund	Daily	4.04668	61,077

MINNESOTA HOUSING

Series	Fund	Investment Type	Maturity Date	Interest Rate		Par
2019F	Redemption	Government Money Market Fund	Daily	4.04668 %	$	202,530
2019F	Revenue	Government Money Market Fund	Daily	4.04668		631,333
2019G	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		109,763
2019G	Redemption	Government Money Market Fund	Daily	4.04668		246,276
2019G	Revenue	Government Money Market Fund	Daily	4.04668		1,347,915
2019H	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		43,513
2019H	Redemption	Government Money Market Fund	Daily	4.04668		199,292
2019H	Revenue	Government Money Market Fund	Daily	4.04668		578,492
2020A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		62,318
2020A	Redemption	Government Money Market Fund	Daily	4.04668		57,202
2020A	Revenue	Government Money Market Fund	Daily	4.04668		72,879
2020BC	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		73,494
2020BC	Excess Carryover	Government Money Market Fund	Daily	4.04668		85,118
2020BC	Redemption	Government Money Market Fund	Daily	4.04668		263,040
2020BC	Revenue	Government Money Market Fund	Daily	4.04668		344,218
2020D	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		123,665
2020D	Redemption	Government Money Market Fund	Daily	4.04668		820,388
2020D	Revenue	Government Money Market Fund	Daily	4.04668		1,431,403
2020E	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		47,376
2020E	Redemption	Government Money Market Fund	Daily	4.04668		512,726
2020E	Revenue	Government Money Market Fund	Daily	4.04668		538,176
2021A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		94,632
2021A	Cost of Issuance	Government Money Market Fund	Daily	4.04668		11,052
2021A	Redemption	Government Money Market Fund	Daily	4.04668		137,438
2021A	Revenue	Government Money Market Fund	Daily	4.04668		924,763
2021B	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		65,719
2021B	Cost of Issuance	Government Money Market Fund	Daily	4.04668		9,099
2021B	Redemption	Government Money Market Fund	Daily	4.04668		104,581
2021B	Revenue	Government Money Market Fund	Daily	4.04668		483,082
2021C	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		99,544
2021C	Cost of Issuance	Government Money Market Fund	Daily	4.04668		11,988
2021C	Redemption	Government Money Market Fund	Daily	4.04668		105,022
2021C	Revenue	Government Money Market Fund	Daily	4.04668		280,395
2021D	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		106,731
2021D	Cost of Issuance	Government Money Market Fund	Daily	4.04668		11,740
2021D	Redemption	Government Money Market Fund	Daily	4.04668		87,165
2021D	Revenue	Government Money Market Fund	Daily	4.04668		239,323
2022A	Bond Fund Interest	Government Money Market Fund	Daily	4.04668		185,005
2022A	Cost of Issuance	Government Money Market Fund	Daily	4.04668		19,550
2022A	Redemption	Government Money Market Fund	Daily	4.04668		61,553
2022A	Revenue	Government Money Market Fund	Daily	4.04668		107,169
						36,733,150