

# WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY

## Disclaimer

As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1987, 1988, and 2009 General Resolutions**  
Bond Series: **Please see the individual General Resolutions on the following pages for specific bond series**

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# WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY

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As of March 31, 2019

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**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Single Family Quarterly Disclosure Report**  
As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

**PLEASE NOTE:** A portion of the bond proceeds from the 2015 ABC, 2016 DE and 2018 ABC bonds were used to purchase FNMA Securities. These securities were created with WHEDA mortgages. All mortgage statistics and insurance information provided in this report include only whole loans originated prior to 2015 unless otherwise noted.

Bond Series:	Series Date:	Series Sold:	Final Redemption:
<b>1987 A</b>	5/1/1987	5/21/1987	3/1/1998
<b>1987 B&amp;C</b>	8/1/1987	9/1/1987	9/1/2003
<b>1987 D&amp;E</b>	12/1/1987	12/23/1987	9/1/1996
<b>1992 A&amp;B</b>	3/1/1992	4/2/1992	3/1/2002
<b>1994 A&amp;B</b>	4/15/1994	6/6/1994	6/15/2004
<b>1995 C,D&amp;E</b>	5/15/1995	6/20/1995	5/12/2005
<b>1995 F,G&amp;H</b>	9/1/1995	10/31/1995	3/1/2006
<b>1997 G,H&amp;I</b>	11/1/1997	12/3/1997	9/1/2008
<b>1998 D&amp;E</b>	6/15/1998	7/16/1998	3/1/2011
<b>2000 A,B&amp;C</b>	3/15/2000	3/15/2000	12/1/2010
<b>2000 G&amp;H</b>	11/1/2000	11/30/2000	
<b>2002 A,B,C&amp;D</b>	1/22/2002	2/6/2002	
<b>2002 I&amp;J</b>	10/17/2002	10/17/2002	3/1/2013
<b>2003 B</b>	7/29/2003	7/29/2003	
<b>2004 A&amp;B</b>	4/19/2004	4/19/2004	10/15/2015
<b>2005 A&amp;B</b>	4/12/2005	4/12/2005	10/15/2015
<b>2005 D&amp;E</b>	9/29/2005	9/29/2005	
<b>2006 C&amp;D</b>	5/23/2006	5/23/2006	10/15/2015
<b>2007 A&amp;B</b>	4/10/2007	4/10/2007	
<b>2007 E&amp;F</b>	12/18/2007	12/18/2007	4/9/2018
<b>2015 AB&amp;C</b>	9/15/2015	9/15/2015	
<b>2016 DE</b>	10/6/2016	10/6/2016	
<b>2018 AB&amp;C</b>	3/28/2018	3/28/2018	

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Bonds, Loans Outstanding and Status of Any Lendable Funds**  
As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

Series	Bonds Outstanding	# of Loans Outstanding	Outstanding Mortgage Principal Balance	Weighted Average Mortgage Rate	# of MBS Investments Held	Outstanding MBS Balance	Weighted Average Investment Rate
Loans w/o Bonds	0	1953 <sup>1</sup>	22,248,434	5.912%			
<b>2000 G&amp;H</b>	1,665,000	53	2,159,404	7.417%			
<b>2002 ABC&amp;D</b>	180,000	236	10,151,732	5.805%			
<b>2003 B</b>	11,860,000	216	11,783,669	5.296%			
<b>2005 D&amp;E</b>	7,000,000	80	4,476,340	5.040%			
<b>2007 A&amp;B</b>	4,205,000	66	4,092,552	6.184%			
<b>2015 AB&amp;C</b>	127,540,000	1,050	71,318,918	5.752%	28	62,550,142	2.99%
<b>2016 D&amp;E</b>	123,205,000	186	16,171,397	6.275%	36	104,789,544	2.72%
<b>2018 AB&amp;C</b>	110,285,000	360	21,663,088	6.161%	22	98,059,090	3.24%
<b>Totals</b>	<b>385,940,000</b>	<b>4,199</b>	<b>164,065,533</b>		<b>86</b>	<b>265,398,776</b>	<b>2.94%</b>
	385,940,000	4,199	164,065,533				

\* The total of the mortgage balances listed here may differ from the financial statements due to various accounting adjustments that are made for the financial statement presentation.

\*\*Loan totals include 1,440 loans from WHEDA's down payment assistance program which has a current balance of \$4,960,817.63

<sup>1</sup> Loans w/o Bonds are loans remaining in the general resolution, but not originated from a current series. The series has either been retired or the loans were originated from excess revenues.

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Pool Insurance, Delinquency, and REO**  
**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

**POOL INSURANCE COVERAGE (Dollars in Thousands)**

Bond Series:	Pool Insurer	Pool Policy	Insured Mortgage Balance		Maximum Pool Coverage	Claims to Date		Remaining Coverage
			Series	Total Pool		No.	\$	
2000 G&H	UGI	343	298	17,528	6,998	134	3,357	3,641
	MGIC	3268	171	2,876	6,220	42	752	5,468
	MGIC	3308	1,121	1,468	1,902	18	448	1,454
	MGIC	3372	153	5,911	4,151	46	886	3,265
	MGIC	3738	195	4,857	6,986	47	956	6,031
	MGIC	4169	204	28,514	10,643	249	8,184	2,458
	MGIC	4235	18	22,328	6,432	168	5,563	869
2002 A,B,C&D	GENWORTH	228	241	1,637	21,602	122	1,057	20,545
	MGIC	3259	27	1,981	3,604	31	354	3,250
	MGIC	3308	11	1,468	1,902	18	448	1,454
	MGIC	3371	99	99	524	0	0	524
	MGIC	3372	4,505	5,911	4,151	46	886	3,265
	MGIC	3425	351	4,857	4,773	47	956	3,817
	MGIC	3596	366	10,915	4,841	69	1,533	3,309
	MGIC	3715	112	7,896	2,683	22	482	2,201
	UGI	343	735	17,528	6,998	134	3,357	3,641
	UGI	367	925	31,469	10,355	247	6,883	3,471
	MGIC	3738	1,523	16,782	6,986	121	3,296	3,691
	MGIC	3901	1,123	41,726	11,474	289	8,776	2,698
	2003 B	MGIC	3715	7,784	7,896	2,683	22	482
MGIC		3738	555	16,782	6,986	121	3,296	3,691
UGI		343	584	17,528	6,998	134	3,357	3,641
MGIC		3596	2,828	10,915	4,841	69	1,533	3,309
MGIC		4235	32	22,328	6,432	168	5,563	869
2005 D&E	GENWORTH	253	15	628	2,810	46	303	2,507
	GENWORTH	254	58	683	2,810	18	129	2,681
	GENWORTH	257	6	592	4,578	23	233	4,345
	GENWORTH	258	165	1,109	3,255	36	311	2,944
	GENWORTH	261	25	1,113	3,429	35	254	3,175
	GENWORTH	267	8	1,612	3,621	28	324	3,297
	MGIC	3232	17	2,450	4,594	32	439	4,155
	MGIC	3259	7	1,981	3,604	31	354	3,250
	MGIC	3268	35	2,876	6,220	42	752	5,468
	MGIC	3294	16	1,169	3,019	17	302	2,717
	MGIC	3305	5	1,933	3,718	22	383	3,335
	MGIC	3901	121	41,726	11,474	289	8,776	2,698
	MGIC	4078	486	28,528	10,030	216	7,526	2,504
	MGIC	4169	92	28,514	10,643	249	8,184	2,458
	GENWORTH	6286	3,419	28,838	9,555	240	7,489	2,066
2007 A&B	MGIC	4169	1,542	28,514	10,643	249	8,184	2,458
	GENWORTH	6303	2,138	29,355	9,925	258	8,900	1,025
	GENWORTH	6424	247	9,894	3,593	51	1,541	2,052
	GENWORTH	6455	92	3,623	990	11	378	611
2015AB&C	GENWORTH	231	103	361	3,137	22	161	2,975
	GEMICO	261	67	1,113	3,429	35	254	3,175
	UGI	343	9,376	17,528	6,998	134	3,357	3,641
	GENWORTH	367	8,454	31,469	10,355	22	383	9,972
	MGIC	3232	71	2,450	4,594	32	439	4,155
	MGIC	3268	520	2,876	6,220	42	752	5,468
	MGIC	3305	267	1,933	3,718	22	383	3,335
	MGIC	3308	24	1,468	1,902	18	448	1,454
	MGIC	3738	3,253	16,782	6,986	121	3,296	3,691
	MGIC	3901	12,716	41,726	11,474	289	8,776	2,698
	MGIC	4078	8,106	28,528	10,030	216	7,526	2,504
	MGIC	4169	2,729	28,514	10,643	249	8,184	2,458
	MGIC	4235	2,949	22,328	6,432	168	5,563	869
	GENWORTH	6286	9,885	28,838	9,555	240	7,489	2,066
	GENWORTH	6303	2,460	29,355	9,925	258	8,900	1,025
	GENWORTH	6341	1,045	9,122	8,950	259	8,821	129
	GENWORTH	6424	2,024	9,894	3,593	51	1,541	2,052
	GENWORTH	6455	184	3,623	990	11	378	611
	2016 D&E	MGIC	4169	7,567	28,514	10,643	249	8,184
MGIC		6303	8,216	29,355	9,925	258	8,900	1,025
GEMICO		6424	296	9,894	3,593	51	1,541	2,052
GEMICO		6455	92	3,623	990	11	378	611

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Pool Insurance, Delinquency, and REO**  
**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

**POOL INSURANCE COVERAGE (Dollars in Thousands)**

Bond Series:	Pool Insurer	Pool Policy	Insured Mortgage Balance		Maximum Pool Coverage	Claims to Date		Remaining Coverage
			Series	Total Pool		No.	\$	
2018 ABC (Refunded 07EF)	GENWORTH	231	258	361	3,137	22	161	2,975
	GENWORTH	268	84	1,678	3,863	24	232	3,631
	GENWORTH	270	388	401	927	2	13	914
	MGIC	3232	1,398	2,450	4,594	32	439	4,155
	MGIC	3318	57	3,790	5,231	36	647	4,584
	MGIC	4169	817	28,514	10,643	249	8,184	2,458
	MGIC	4235	7,852	22,328	6,432	168	5,563	869
	GENWORTH	6303	176	29,355	9,925	258	8,900	1,025
	GENWORTH	6341	9,122	9,122	8,950	259	8,821	129
	GENWORTH	6424	218	9,894	3,593	51	1,541	2,052
GENWORTH	6455	1,094	3,623	990	11	378	611	

**Pool Insurance by Policy**

First Mortgage Delinquency Statistics (as % of # of Whole Loans Outstanding):			(as % of \$ of Whole Loans Outstanding):		
1-30 days:	114	4.17%	\$	6,571,918	4.13%
31-60 days:	27	0.99%	\$	1,577,248	0.99%
61-90 days:	23	0.83%	\$	1,552,966	0.98%
Foreclosure:	22	0.80%	\$	1,451,138	0.91%

# of Loans Foreclosed to Date: 1,747  
 Foreclosed (loss)/Gain to Date  
 Net of Insurance Proceeds(\$000): (\$6,556)

**Real Estate Owned:**

Number of Loans: 19  
 Outstanding Mortgage Amount (\$000):  
     At Time of Default 943  
     Current Balance 427

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Loan Portfolio Statistics**  
As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

**Loan Portfolio Characteristics (as % of Loans Outstanding):**

StructureType:		ConstructionType:	
Single Family Detached:	84.21%	New Construction:	3.02%
Condominium/Townhouse:	8.18%	Existing Homes:	<u>96.98%</u>
Other:	<u>7.61%</u>		
<b>Total:</b>	<b>100.00%</b>	<b>Total:</b>	<b>100.00%</b>
Mortgage Type:			
Fixed Rate Mortgages:	100.00%		
Graduated Mortgages:	0.00%		
Growing Equity Mortgages:	0.00%		
Other (identify):	<u>0.00%</u>		
<b>Total:</b>	<b>100.00%</b>		

**MORTGAGE LOAN SERVICER:**

<u>Servicer Name</u>	<u># of Loans</u>	<u>% of Portfolio</u>
WHEDA	4,199	100.00%
TOTAL:	4,199	100.00%

**Breakdown of Private Mortgage Insurers (by % of total portfolio):**

<b>PMI Data as of Loan Origination - All Loans</b>			
<u>Insurer's Name</u>	<u># of Loans</u>	<u>Current Principal</u>	<u>%</u>
GENWORTH	173	\$10,543,461	6.6267%
MGIC	193	\$14,869,750	9.3459%
PMI	5	\$245,102	0.1541%
United Guarantee	6	\$422,748	0.2657%
No PMI	2,345	\$130,062,662	81.7466%
All Others	37	\$2,960,991	1.8610%
TOTAL*	2,759	\$159,104,716	100.00%

\*PMI Data totals do not include the 1440 loans from WHEDA's down payment assistance program which has a current balance of \$4,960,817.63

# WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY

## Investments - 82

As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

Fund	Investment Type	Investment Amount	Average Rate of Investment	Maturity Date	
<b>General Reserve -01</b>	Cash	\$88,937.70	n/a	n/a	
	Repo/Money Market	\$35,261,660.34	2.35%	Daily	
	Goldman Sachs Financial 82-195 DPA	\$0.00	1.23%	n/a	
MBS Securities	FNMA BC3504 3.50% 5/1/46	\$942,678.85	3.50%	5/1/2046	
	FNMA BC3506 3.00% 7/1/2046	\$3,629,903.29	3.00%	7/1/2046	
	FNMA BC3509 3.50% 7/1/46	\$946,472.63	3.50%	7/1/2046	
	FNMA BD6561 2.50% 11/1/46	\$1,872,411.56	2.50%	11/1/2046	
	FNMA BD6566 3.00% 1/1/2047	\$1,962,435.22	3.00%	7/1/2047	
	FNMA BD6577 2.50% 5/1/2047	\$1,217,027.71	2.50%	1/1/2047	
	FNMA BD6579 3.50% 11/1/2047	\$388,489.26	3.50%	11/1/2047	
	FNMA BD6579 3.50% 11/1/2047	\$584,201.74	3.50%	11/1/2047	
	FNMA BD6579 3.50% 11/1/2047	\$911,045.50	3.50%	11/1/2047	
	FNMA BH9747 3.00% 11/1/2047	\$5,584,290.93	3.00%	5/1/2047	
	FNMA BH9748 3.00% 11/1/2047	\$5,349,979.37	3.00%	11/1/2047	
	FNMA BJ6548 3.00% 4/1/2048	\$1,579,822.99	3.00%	11/1/2047	
	FNMA BJ6549 3.50% 5/1/2048	\$5,034,775.72	3.50%	11/1/2047	
	FNMA BJ6550 3.00% 2/1/2048	\$1,360,632.75	3.00%	1/1/2047	
	FNMA BN2049 4.00% 2/1/2049	\$1,313,217.20	4.00%	2/1/2049	
	FNMA BN2050 4.00% 2/1/2049	\$1,592,054.30	4.00%	2/1/2049	
		Invest Agree	\$566,573.05	4.83%	08/31/32
	Invest Agree	\$215,307.96	5.94%	02/28/31	
Fund Total		<u><b>\$70,401,918.07</b></u>			
<b>Debt Service Reserve -04</b>	Repo/Money Market	\$3,395,012.80	2.35%	Daily	
	MBS Securities #357767	\$21,879.86	5.01%	05/01/20	
	MBS Securities #357767	\$21,879.86	5.03%	05/01/20	
	FNMA AD6777 4.70% 4/1/40	\$118,499.90	4.70%	04/01/40	
	FNMA AI9728 4.00% 9/1/41	\$631,923.42	4.00%	09/01/41	
	FNMA AI9731 3.50% 11/1/41	\$762,221.08	3.50%	11/01/41	
	FNMA AJ8310 3.50% 12/1/41	\$454,132.69	3.50%	12/01/41	
	FNMA AJ8313 3.50% 1/1/42	\$561,007.73	3.50%	01/01/42	
	FNMA AJ8315 3.50% 1/1/42	\$394,533.71	3.50%	01/01/42	
	FNMA AU4972 2.50% 7/1/43	\$365,394.83	2.50%	07/01/43	
	FNMA AU4973 2.50% 8/1/43	\$340,960.92	2.50%	08/01/43	
	FNMA BD6567 2.50% 1/1/2047	\$1,314,012.44	2.50%	01/01/47	
		Invest Agree	\$6,800.00	4.83%	08/31/32
	Fund Total		<u><b>\$8,388,259.24</b></u>		
	<b>Debt Service -05</b>	Invest Agree	\$833.33	4.83%	08/31/32
Invest Agree		\$19,435.84	5.94%	02/28/31	
Repo/Money Market		\$2,392,321.30	2.35%	Daily	
Fund Total		<u><b>\$2,412,590.47</b></u>			
<b>Mortgage Reserve - 11</b>	Repo/Money Market	\$38,388.66	2.35%	Daily	
	Fund Total	<u><b>\$38,388.66</b></u>			
<b>Special Redemption - 06</b>	Repo/Money Market	\$15,077.85	2.35%	Daily	
	Invest Agree	\$2,230.83	5.94%	02/28/31	
	Invest Agree	\$2,566.52	4.83%	08/31/32	
Fund Total		<u><b>\$19,875.20</b></u>			
<b>Proceeds -08</b>	Cash	\$0.00	n/a	n/a	
	Repo/Money Market	\$0.00	2.35%	Daily	
	MBS Securities*	\$265,398,776.17			
Fund Total		<u><b>\$265,398,776.17</b></u>			
<b>PROGRAM TOTAL</b>		<u><u><b>\$346,659,807.81</b></u></u>			



**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Program MBS Proceeds**  
**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

Series	CUSIP	Investment		Pool UPB	Weighted	Maturity
		Type	Pool #		Average	
					Investment Rate	Date
2015 ABC	3138YK6Q1	FNMA	AY6278	713,979.13	2.75%	3/1/2045
2015 ABC	3138YK6R9	FNMA	AY6279	833,424.02	2.75%	4/1/2045
2015 ABC	3138YK6S7	FNMA	AY6280	1,192,437.32	3.00%	5/1/2045
2015 ABC	3138YK6T5	FNMA	AY6281	3,657,671.33	3.00%	6/1/2045
2015 ABC	3138YK6U2	FNMA	AY6282	379,248.28	2.75%	7/1/2045
2015 ABC	3138YK6V0	FNMA	AY6283	2,461,666.55	3.00%	7/1/2045
2015 ABC	3138YK6W8	FNMA	AY6284	4,902,961.41	3.00%	8/1/2045
2015 ABC	3138YK6X6	FNMA	AY6285	557,892.10	2.75%	6/1/2045
2015 ABC	3138YK6Y4	FNMA	AY6286	1,589,645.56	3.00%	8/1/2045
2015 ABC	3138YK6Z1	FNMA	AY6287	5,024,161.10	3.25%	9/1/2045
2015 ABC	3138YK7A5	FNMA	AY6288	1,074,156.66	2.75%	3/1/2045
2015 ABC	3138YK7B3	FNMA	AY6289	2,046,850.85	2.75%	4/1/2045
2015 ABC	3138YK7C1	FNMA	AY6290	1,834,971.35	2.75%	5/1/2045
2015 ABC	3138YK7D9	FNMA	AY6291	1,777,805.60	3.00%	5/1/2045
2015 ABC	3138YK7E7	FNMA	AY6292	1,291,387.59	3.00%	6/1/2045
2015 ABC	3138YK7F4	FNMA	AY6293	2,393,149.68	2.75%	6/1/2045
2015 ABC	3138YK7G2	FNMA	AY6294	2,384,549.76	2.75%	7/1/2045
2015 ABC	3138YK7H0	FNMA	AY6295	1,081,383.17	3.00%	7/1/2045
2015 ABC	3138YK7J6	FNMA	AY6296	2,123,100.12	2.75%	7/1/2045
2015 ABC	3138YK7K3	FNMA	AY6297	5,995,383.94	3.00%	8/1/2045
2015 ABC	3140E0WX9	FNMA	AZ7861	4,877,916.03	3.00%	9/1/2045
2015 ABC	3140E0WY7	FNMA	AZ7862	3,556,899.83	3.25%	9/1/2045
2015 ABC	3140FCBQ0	FNMA	BD4546	2,654,815.70	2.75%	8/1/2046
2015 ABC	3140FN3G7	FNMA	BE3498	862,877.03	2.75%	2/1/2047
2015 ABC	3140GQ2N5	FNMA	BH2580	1,411,173.49	3.00%	2/1/2047
2015 ABC	3140H8KE4	FNMA	BJ6592	2,823,247.90	3.50%	6/1/2048
2015 ABC	3140HMW83	FNMA	BK7870	2,048,480.61	3.75%	10/1/2048
2015 ABC	3140JJHX0	FNMA	BN2045	998,906.15	4.00%	2/1/2049
2016 DE	3140EX4G5	FNMA	BC3522	988,775.84	3.00%	5/1/2046
2016 DE	3140EX4H3	FNMA	BC3523	1,778,402.70	2.75%	5/1/2046
2016 DE	3140EX4J9	FNMA	BC3524	1,383,224.08	3.00%	5/1/2046
2016 DE	3140EX4K6	FNMA	BC3525	1,251,189.28	2.75%	5/1/2046
2016 DE	3140EX4L4	FNMA	BC3526	4,485,198.06	2.75%	6/1/2046
2016 DE	3140EX4M2	FNMA	BC3527	997,627.07	2.75%	6/1/2046
2016 DE	3140EX4N0	FNMA	BC3528	1,071,601.60	3.00%	6/1/2046
2016 DE	3140EX4P5	FNMA	BC3529	2,036,263.05	3.00%	6/1/2046
2016 DE	3140EX4Q3	FNMA	BC3530	11,819,032.81	2.75%	7/1/2046
2016 DE	3140EX4R1	FNMA	BC3531	1,524,108.88	3.00%	7/1/2046
2016 DE	3140EX4S9	FNMA	BC3532	4,838,701.54	2.75%	7/1/2046
2016 DE	3140FCBR8	FNMA	BD4547	6,537,352.85	2.75%	8/1/2046
2016 DE	3140FCBS6	FNMA	BD4548	2,353,929.04	3.00%	8/1/2046
2016 DE	3140FCBT4	FNMA	BD4549	6,500,493.25	2.75%	8/1/2046
2016 DE	3140FCBU1	FNMA	BD4550	5,264,833.50	2.75%	9/1/2046
2016 DE	3140FCBV9	FNMA	BD4551	4,299,282.55	2.50%	9/1/2046
2016 DE	3140FCBW7	FNMA	BD4552	3,949,307.83	2.75%	9/1/2046
2016 DE	3140FCBX5	FNMA	BD4553	1,046,632.90	2.25%	9/1/2046
2016 DE	3140FCBY3	FNMA	BD4554	1,023,782.68	3.00%	9/1/2046
2016 DE	3140FCBZ0	FNMA	BD4555	1,651,213.15	2.50%	9/1/2046
2016 DE	3140FCB23	FNMA	BD4556	4,637,781.63	2.75%	9/1/2046
2016 DE	3140FCB31	FNMA	BD4557	4,314,950.70	2.50%	10/1/2046

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Program MBS Proceeds**  
**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

Series	CUSIP	Investment		Pool UPB	Weighted	Maturity
		Type	Pool #		Average	
					Investment Rate	Date
2016 DE	3140FCB49	FNMA	BD4558	2,250,762.94	2.75%	9/1/2046
2016 DE	3140FCB56	FNMA	BD4559	2,897,293.26	2.50%	10/1/2046
2016 DE	3140FCB64	FNMA	BD4560	2,422,375.01	2.75%	10/1/2046
2016 DE	3140FCB72	FNMA	BD4561	982,615.54	2.00%	10/1/2046
2016 DE	3140FCB80	FNMA	BD4562	992,801.81	2.00%	9/1/2046
2016 DE	3140FCB98	FNMA	BD4563	3,959,374.77	2.50%	10/1/2046
2016 DE	3140FCCA4	FNMA	BD4564	4,706,103.26	2.50%	11/1/2046
2016 DE	3140FCCB2	FNMA	BD4565	4,097,412.10	2.50%	11/1/2046
2016 DE	3140FCCD8	FNMA	BD4567	1,934,111.18	2.50%	11/1/2046
2016 DE	3140FCCE6	FNMA	BD4568	1,558,409.93	2.50%	12/1/2046
2016 DE	3140FN3D4	FNMA	BE3495	962,888.77	3.00%	1/1/2047
2016 DE	3140GQ2M7	FNMA	BH2579	1,599,686.56	3.00%	8/1/2047
2016 DE	3140FN3F9	FNMA	BE3497	1,052,390.06	2.75%	1/1/2047
2016 DE	3140HMW75	FNMA	BK7869	1,619,634.03	3.75%	10/1/2048
2018 ABC	3140GYZQ5	FNMA	BH9750	4,190,570.38	3.00%	11/1/2047
2018 ABC	3140GYZV4	FNMA	BH9755	4,562,729.71	3.00%	12/1/2047
2018 ABC	3140GYZW2	FNMA	BH9756	4,811,826.72	3.00%	1/1/2048
2018 ABC	3140GYZX0	FNMA	BH9757	5,610,759.74	3.00%	1/1/2048
2018 ABC	3140GYZY8	FNMA	BH9758	4,956,675.94	3.00%	1/1/2048
2018 ABC	3140GYZZ5	FNMA	BH9759	3,938,387.35	3.25%	1/1/2048
2018 ABC	3140GYZ28	FNMA	BH9760	5,799,216.11	3.00%	2/1/2048
2018 ABC	3140H8JR7	FNMA	BJ6571	5,720,459.75	3.00%	2/1/2048
2018 ABC	3140H8JS5	FNMA	BJ6572	3,618,100.92	3.25%	2/1/2048
2018 ABC	3140H8JU0	FNMA	BJ6574	2,328,657.60	3.00%	1/1/2048
2018 ABC	3140H8JV8	FNMA	BJ6575	3,934,989.60	3.00%	2/1/2048
2018 ABC	3140H8JW6	FNMA	BJ6576	5,319,035.59	3.25%	3/1/2048
2018 ABC	3140H8JX4	FNMA	BJ6577	2,276,079.30	3.25%	3/1/2048
2018 ABC	3140H8JY2	FNMA	BJ6578	3,534,936.43	3.00%	3/1/2048
2018 ABC	3140H8JZ9	FNMA	BJ6579	4,919,469.54	3.25%	4/1/2048
2018 ABC	3140H8J22	FNMA	BJ6580	3,103,094.44	3.25%	4/1/2048
2018 ABC	3140H8J30	FNMA	BJ6581	5,792,449.03	3.50%	5/1/2048
2018 ABC	3140H8J48	FNMA	BJ6582	5,588,843.44	3.50%	5/1/2048
2018 ABC	3140H8J55	FNMA	BJ6583	5,699,951.06	3.50%	5/1/2048
2018 ABC	3140H8J63	FNMA	BJ6584	5,296,922.78	3.75%	5/1/2048
2018 ABC	3140H8KBO	FNMA	BJ6589	6,057,086.55	3.50%	6/1/2048
2018 ABC	3140JJHY8	FNMA	BN2046	998,847.72	4.00%	2/1/2049
<b>1987</b>						
<b>Proceeds Total</b>				<b>265,398,776.17</b>	<b>2.94%</b>	

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Reserve Requirements**  
**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1987 General Resolution**

<b>Reserve Fund Summary:</b>			
Bond Series	Reserve Account Description	Requirement	Current Amount
All Bonds Outstanding for the <b>1987 General Resolution</b>	Debt Service Reserve	7,718,800	8,388,259
Loans without Pool Insurance	Mortgage Pool / Special Hazard Reserve	37,694	38,389

<b>Equity By Resolution:</b>			
Bond Series	Total Trust Assets	Bonds Outstanding	Surplus/ (Deficit)
All Bonds Outstanding for the <b>1987 General Resolution</b>	510,725,341	385,940,000	124,785,341

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Single Family Quarterly Disclosure Report**  
As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

**PLEASE NOTE:** A portion of the bond proceeds from the 2016 ABC and 2017 BCD bonds were used to purchase FNMA Securities. These securities were created with WHEDA mortgages. All mortgage statistics and insurance information provided in this report include only whole loans originated prior to 2015 unless otherwise noted.

Bond Series:	Series Date:	Series Sold:	Final Redemption:
1988 A&B	06/01/88	06/01/88	03/01/99
1988 C	08/16/88	08/16/88	09/01/98
1988 D	10/01/88	10/27/88	09/01/99
1989 A	05/01/89	06/01/89	09/01/99
1989 B&C	10/15/89	11/01/89	09/01/99
1990 A&B	05/01/90	05/31/90	03/01/99
1990 C	05/01/90	07/02/90	03/01/99
1990 D&E	09/01/90	09/27/90	09/01/99
1991 A&B	12/01/90	01/02/91	3/1/2001
1991 C	12/01/90	02/04/91	3/1/2001
1992 1&2	06/01/92	06/30/92	9/1/2001
1995 A&B	01/01/95	03/14/95	9/1/2004
1996 A&B	03/15/96	05/01/96	3/1/2008
1996 C&D	07/01/96	08/15/96	6/1/2006
1996 E&F	11/15/96	12/04/96	9/1/2008
1996 G	12/10/96	12/10/96	06/01/98
1997 A,B& C	03/01/97	04/09/97	9/1/2008
1997 D,E& F	06/01/97	07/29/97	9/1/2009
1998 A,B& C	04/15/98	05/05/98	9/1/2009
1999 A&B	08/03/99	08/03/99	9/1/2009
1999 C,D&E	04/01/99	04/15/99	3/1/2011
2000 D,E&F	06/15/00	07/18/00	3/1/2013
2001 A,B,C&D	05/01/01	05/24/01	3/1/2012
2002 E,F,G&H	07/11/02	07/11/02	9/1/2014
2003 A	04/02/03	04/02/03	3/1/2013
2003 C&D	11/04/03	11/04/03	9/1/2013
2004 C&D	07/27/04	07/27/04	9/1/2016
2004 E	11/23/04	11/23/04	
2005 C	06/09/05	06/09/05	6/1/2016
2006 A&B	01/19/06	01/19/06	
2006 E&F	10/25/06	10/25/06	6/1/2016
2007 C&D	06/28/07	06/28/07	
2008 A&B	05/15/08	05/15/08	11/20/2017
2016 ABC	04/27/16	04/27/16	
2017 BCD	10/24/17	10/24/17	
2018 DE	09/13/18	09/13/18	
2019 AB	03/27/19	03/27/19	

2003 C bonds only

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Bonds, Loans Outstanding and Status of Any Lendable Funds**  
As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

Series	Bonds Outstanding	# of Loans Outstanding	Outstanding Mortgage Principal Balance	Weighted Average Mortgage Rate	# of MBS Investments Held	Outstanding MBS Balance	Weighted Average Investment Rate
<b>Loans w/o Bonds</b>	0	2,283	<sup>1</sup> 37,142,194.10	5.761%			
<b>2003 D</b>	5,030,000	77	1,208,960	7.013%			
<b>2004 E</b>	15,545,000	208	13,804,345	5.347%			
<b>2006 A&amp;B</b>	19,445,000	149	11,565,893	5.506%			
<b>2007 C&amp;D</b>	16,735,000	187	11,701,259	6.644%			
<b>2016 AB &amp; C</b>	168,880,000	1,308	95,722,974	5.850%	32	78,763,366	3.10%
<b>2017 BC &amp; D</b>	112,500,000	414	24,021,239	6.346%	29	100,671,332	3.09%
<b>2018 D&amp;E</b>	124,230,000	290	8,043,353	7.524%	24	123,397,427	3.67%
	165,000,000				27	135,238,687	3.94%
<b>Totals</b>	<b>627,365,000</b>	<b>4,916</b>	<b>203,210,217</b>		<b>85</b>	<b>438,070,812</b>	<b>3.42%</b>

\* The total of the mortgage balances listed here may differ from the financial statements due to various accounting adjustments that are made for the financial statement presentation.

\*\*Loan totals include 1581 loans from WHEDA's down payment assistance programs which has a current balance of \$5,513,258.76

<sup>1</sup>

Loans w/o Bonds are loans remaining in the general resolution, but not originated from a current series. The series has either been retired or the loans were originated from excess revenues.

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Pool Insurance, Delinquency, and REO**  
As of March 31, 2019

Indenture: Home Ownership Revenue Bonds, 1988 General Resolution

**POOL INSURANCE COVERAGE (Dollars in Thousands)**

Bond Series:	Pool Insurer	Pool Policy	Insured Mortgage Balance		Maximum Pool Coverage	Claims to Date		Remaining Coverage	
			Series	Total Pool		No.	\$		
2003 D	GENWORTH	228	600	1,637	21,602	122	1,057	20,545	
	MGIC	3232	165	2,450	4,594	32	439	4,155	
	MGIC	3268	150	2,876	6,220	42	752	5,468	
	UGI	343	213	17,528	6,998	134	3,357	3,641	
2004 E	UGI	367	5,584	31,469	10,355	247	6,883	3,471	
	MGIC	3901	7,904	41,726	11,474	289	8,776	2,698	
	MGIC	4078	285	28,528	10,030	216	7,526	2,504	
	GENWORTH	6286	31	28,838	9,555	240	7,489	2,066	
2006 AB	MGIC	4078	4,358	28,528	10,030	216	7,526	2,504	
	GENWORTH	6286	3,905	28,838	9,555	240	7,489	2,066	
	MGIC	6341	2,431	31,209	8,950	259	8,821	129	
	MGIC	6424	872	9,894	3,593	51	1,541	2,052	
2007 CD	GENWORTH	253	285	628	2,810	46	303	2,507	
	GENWORTH	258	85	1,109	3,255	36	311	2,944	
	MGIC	4169	1,642	28,514	10,643	249	8,184	2,458	
	MGIC	4235	3,191	22,328	6,432	168	5,563	869	
	GENWORTH	6303	2,261	29,355	9,925	258	8,900	1,025	
	GENWORTH	6341	3,862	31,209	8,950	259	8,821	129	
	GENWORTH	6424	71	9,894	3,593	51	1,541	2,052	
	GENWORTH	6455	218	3,623	990	11	378	611	
	UGI	343	2,893	17,528	6,998	134	3,357	3,641	
2016 ABC	UGI	367	15,357	31,469	10,355	247	6,883	3,471	
	MGIC	3738	3,236	16,782	6,986	121	3,296	3,691	
	MGIC	3901	18,365	41,726	11,474	289	8,776	2,698	
	MGIC	4078	6,826	28,528	10,030	216	7,526	2,504	
	MGIC	4169	10,719	28,514	10,643	249	8,184	2,458	
	MGIC	4235	6,236	22,328	6,432	168	5,563	869	
	GENWORTH	6286	9,003	28,838	9,555	240	7,489	2,066	
	GENWORTH	6303	12,613	29,355	9,925	258	8,900	1,025	
	GENWORTH	6341	8,633	31,209	8,950	259	8,821	129	
	GENWORTH	6424	418	9,894	3,593	51	1,541	2,052	
	GENWORTH	6455	1,418	3,623	990	11	378	611	
	2017 BCD	GENWORTH	261	394	1,113	3,429	35	254	3,175
		GENWORTH	267	1,580	1,612	3,621	28	324	3,297
MGIC		3259	872	1,981	3,604	31	354	3,250	
MGIC		3318	1,189	3,790	5,231	36	647	4,584	
MGIC		3372	549	5,911	6,432	46	886	5,546	
MGIC		3425	195	4,857	4,773	47	956	3,817	
MGIC		4078	1,050	28,528	10,030	216	7,526	2,504	
MGIC		4169	1,412	28,514	10,643	249	8,184	2,458	
MGIC		4235	1,907	22,328	6,432	168	5,563	869	
GENWORTH		6286	1,887	28,838	9,555	240	7,489	2,066	
GENWORTH		6303	810	29,355	9,925	258	8,900	1,025	
GENWORTH		6341	6,116	31,209	8,950	259	8,821	129	
GENWORTH		6424	5,615	9,894	3,593	51	1,541	2,052	
GENWORTH		6455	446	3,623	990	11	378	611	
2018 DE	GENWORTH	253	327	628	2,810	46	303	2,507	
	GENWORTH	254	625	683	2,804	18	129	2,675	
	GENWORTH	257	586	592	4,578	23	233	4,345	
	GENWORTH	258	860	1,109	3,255	36	311	2,944	
	GENWORTH	261	627	1,113	3,429	35	254	3,175	
	GENWORTH	267	24	1,612	3,621	28	324	3,297	
	GENWORTH	271	36	37	440	2	4	436	
	UGI	367	216	31,469	10,355	247	6,883	3,471	
	MGIC	3232	259	2,450	4,594	32	439	4,155	
	MGIC	3259	1,075	1,981	3,604	31	354	3,250	
	MGIC	3268	267	2,876	6,220	42	752	5,468	
	MGIC	3294	196	1,169	3,019	17	302	2,717	
	MGIC	3318	1,500	3,790	5,231	36	647	4,584	
	MGIC	3372	177	5,911	6,432	46	886	5,546	
	MGIC	3471	182	7,618	4,979	63	1,314	3,665	
	MGIC	4169	877	28,514	10,643	249	8,184	2,458	
GENWORTH	6303	209	29,355	9,925	258	8,900	1,025		

Click below to view a complete list of the bond series and mortgage amounts covered under each pool insurance policy.

[Pool Insurance by Policy](#)

**First Mortgage Delinquency Statistics (as % of # of Whole Loans Outstanding):**

1-30 days:	98	2.93%
31-60 days:	30	0.89%
61-90 days:	36	1.08%
Foreclosure:	29	0.87%

**(as % of \$ of Whole Loans Outstanding):**

\$	6,142,080	3.11%
\$	1,494,716	0.76%
\$	2,223,557	1.12%
\$	2,050,803	1.04%

# of Loans Foreclosed to Date: 2,372  
Foreclosed (loss)/Gain to Date  
Net of Insurance Proceeds(\$000): (\$7,103)

**Real Estate Owned:**

Number of Loans: 20  
Outstanding Mortgage Amount (\$000):  
At Time of Default: 1,173  
Current Balance: 626

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Loan Portfolio Statistics**  
As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

**Loan Portfolio Characteristics (as % of Loans Outstanding):**

StructureType:		ConstructionType:	
Single Family Detached:	84.46%	New Construction:	3.28%
Condominium/Townhouse:	8.45%	Existing Homes:	96.72%
Other:	7.09%	Total:	100.00%
Total:	100.00%		

Mortgage Type:	
Fixed Rate Mortgages:	100.00%
Graduated Mortgages:	0.00%
Growing Equity Mortgages:	0.00%
Other (identify):	0.00%
Total:	100.00%

**MORTGAGE LOAN SERVICER:**

Servicer Name	# of Loans	% of Portfolio
WHEDA	4,916	100.00%
TOTAL:	4,916	100.00%

**Breakdown of Private Mortgage Insurers (by % of total portfolio):**

PMI Data as of Loan Origination - All Loans			
Insurer's Name	# of Loans	Current Principal	%
GENWORTH	251	\$16,532,947	8.3628%
MGIC	256	\$21,263,291	10.7555%
PMI	6	\$306,850	0.1552%
United Guarantee	11	\$811,792	0.4106%
No PMI	2,760	\$154,380,797	78.0896%
All Others	51	\$4,401,281	2.2263%
TOTAL	3,335	\$197,696,958	100.00%

\*PMI Data totals do not include the 1581 loans from WHEDA's down payment assistance program which has a current balance of \$5,513,258.76

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**

**Investments - 92**

**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

Fund	Investment Type	Investment Amount	Rate of Investment	Maturity Date	
<b>General Reserve -01</b>	Cash	\$98,780.72	n/a	n/a	
	Repo/Money Market	\$42,668,593.31	2.35%	Daily	
	US Treasury	\$0.00	9.21%	05/15/18	
	Goldman Sachs Financial 92-195 DPA	\$2,452,167.86	2.43%	12/31/49	
<b>MBS Securities</b>	FNMA POOL #742085 4.00% 4/1/19	\$1,076.36	4.39%	4/1/2019	
	FNMA AI9726 3.50% 9/1/41	\$47,139.41	3.50%	9/1/2041	
	FNMA AI9729 3.50% 10/1/41	\$63,726.83	3.50%	10/1/2041	
	FNMA BA4415 3.50% 11/1/45 (NFHB)	\$2,392,928.74	3.50%	11/1/2045	
	FNMA BA4416 3.50% 12/01/2045	\$1,573,286.36	3.50%	12/1/2045	
	FNMA BA4418 3.50% 1/1/2046	\$1,491,505.44	3.50%	1/1/2046	
	FNMA BA4435 3.50% 10/1/45 (NFHB)	\$2,568,923.79	3.50%	10/1/2045	
	FNMA BA4437 3.50% 11/01/2045	\$1,141,530.28	3.50%	11/1/2045	
	FNMA BA4438 3.25% 1/1/2046	\$1,830,400.73	3.25%	1/1/2046	
	FNMA BA4439 3.50% 1/1/2046	\$790,830.77	3.50%	1/1/2046	
	FNMA BC3493 3.50% 02/01/2046	\$1,149,037.58	3.50%	2/1/2046	
	FNMA BC3494 3.50% 3/1/46	\$1,539,652.94	3.50%	3/1/2046	
	FNMA BC3495 3.00% 3/1/46	\$658,277.71	3.00%	3/1/2046	
	FNMA BC3496 3.50% 2/1/46	\$822,215.17	3.50%	2/1/2046	
	FNMA BC3497 3.50% 3/1/46	\$791,784.31	3.50%	3/1/2046	
	FNMA BC3498 3.50% 4/1/2046	\$1,792,495.58	3.50%	4/1/2046	
	FNMA BC3499 3.00% 4/1/2046	\$927,846.24	3.00%	4/1/2046	
	FNMA BC3500 3.00% 4/1/2046	\$1,107,193.73	3.00%	4/1/2046	
	FNMA BC3501 3.00% 5/1/2046	\$1,811,178.36	3.00%	5/1/2046	
	FNMA BC3502 3.00% 5/1/2046	\$2,872,847.45	3.00%	5/1/2046	
	FNMA BC3503 3.00% 6/1/46	\$1,454,510.60	3.00%	6/1/2046	
	FNMA BC3505 3.00% 6/1/46	\$1,733,551.46	3.00%	6/1/2046	
	FNMA BC3507 3.00% 7/1/2046	\$4,761,008.51	3.00%	7/1/2046	
	FNMA BC3510 3.00% 8/1/46	\$5,753,684.63	3.00%	8/1/2046	
	FNMA BD4546 2.75% 8/1/46	\$1,526,611.89	2.75%	8/1/2046	
	FNMA BD4546 2.75% 8/1/46	\$2,047,950.11	2.75%	8/1/2046	
	FNMA BD6559 2.50% 11/1/46	\$963,715.74	2.50%	11/1/2046	
	FNMA BD6560 3.00% 11/1/46	\$2,725,972.42	3.00%	11/1/2046	
	FNMA BD6562 3.00% 10/1/46	\$1,542,349.09	3.00%	11/1/2046	
	FNMA BD6563 3.00% 12/1/46	\$3,940,460.19	3.00%	12/1/2046	
	FNMA BD6564 2.50% 11/1/2046	\$1,296,045.74	2.50%	11/1/2046	
	FNMA BD6565 3.00% 12/1/2046	\$2,207,691.71	3.00%	12/1/2046	
	FNMA BD6568 3.50% 2/1/2047	\$1,653,774.62	3.50%	2/1/2047	
	FNMA BD6576 3.50% 5/1/2047	\$1,289,605.80	3.50%	5/1/2047	
	FNMA BD6578 3.50% 5/1/2047	\$830,024.46	3.50%	5/1/2047	
	FNMA BD6580 3.50% 11/1/2047	\$1,674,859.12	3.50%	11/1/2047	
	FNMA BH9749 3.00% 11/1/2047	\$6,454,346.41	3.00%	11/1/2047	
FNMA BH9754 3.00% 12/1/2047	\$5,291,499.20	3.00%	12/1/2047		
FNMA BJ6546 3.00% 1/1/2048	\$1,588,673.03	3.00%	1/1/2048		
FNMA BJ6547 3.50% 1/1/2048	\$3,132,326.29	3.50%	1/1/2048		
FNMA BJ6551 3.50% 5/1/2048	\$4,305,782.21	3.50%	5/1/2048		
FNMA BJ6552 3.50% 11/1/2048	\$757,746.35	3.50%	5/1/2048		
FNMA BJ6553 4.00% 12/1/2048	\$1,884,664.52	4.00%	5/1/2048		
FNMA BJ6573 2.50% 1/1/2048	\$984,404.73	2.50%	1/1/2048		
FNMA BN2051 4.25% 2/1/2049	\$1,997,447.25	4.25%	2/1/2049		
FNMA BN2052 4.25% 2/1/2049	\$998,737.37	4.25%	2/1/2049		
<b>Fund Total</b>		<b>\$133,390,863.12</b>			
<b>Debt Service Reserve -04</b>	Repo/Money Market	\$8,872,976.47	2.35%	Daily	
	<b>MBS Securities</b>	FHLMC #91207 5.50% 9/1/28	\$44,498.44	5.46%	9/1/2028
		FHLMC #91207 5.50% 9/1/28	\$33,270.82	5.50%	9/1/2028
		FNMA AI9727 4.00% 9/1/41	\$16,815.63	4.00%	9/1/2041
		FNMA AI9730 4.00% 10/1/41	\$459,757.07	4.00%	10/1/2041
		FNMA AI9730 4.00% 10/1/41	\$643,775.47	4.00%	10/1/2041
		FNMA AJ8310 3.50% 12/1/41	\$112,012.05	3.50%	12/1/2041
		FNMA AJ8311 3.50% 12/1/41	\$637,906.58	3.50%	12/1/2041
		FNMA AJ8314 3.50% 2/1/42	\$261,765.92	3.50%	2/1/2042
		FNMA AU4973 2.50% 8/1/43	\$369,669.61	2.50%	8/1/2043
		FNMA AU4973 2.50% 8/1/43	\$806,551.96	2.50%	8/1/2043
		FNMA BD6556 3.00% 10/1/46	\$939,655.57	3.00%	10/1/2046
		FNMA POOL#745279 5.00% 2/1/21	\$55,864.95	5.01%	2/1/2021
		FNMA POOL#745279 5.00% 2/1/21	\$27,946.22	5.00%	2/1/2021
		FNMA POOL#773294 4.00% 4/1/20	\$16,923.19	4.39%	4/1/2020



**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Investments - 92**  
**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

Fund	Investment Type	Investment Amount	Rate of Investment	Maturity Date
Fund Total		<u>\$13,299,389.95</u>		
<b>Debt Service-05</b>	Repo/Money Market	<u>\$2,439,036.70</u>	2.35%	Daily
Fund Total		<u>\$2,439,036.70</u>		
<b>Special Redemption - 06</b>	Repo/Money Market	<u>\$17,592.84</u>	2.35%	Daily
Fund Total		<u>\$17,592.84</u>		
<b>Mortgage Reserve - 11</b>	Repo/Money Market	<u>\$46,257.03</u>	2.35%	Daily
Fund Total		<u>\$46,257.03</u>		
<b>Bond Proceeds -08</b>	Repo/Money Market	\$29,761,312.95	2.35%	Daily
	MBS Securities*	<u>\$438,070.812.27</u>		
		<u>\$467,832,125.22</u>		
<b>PROGRAM TOTAL</b>		<u><u>\$617,025,264.86</u></u>		

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**

**Program MBS Proceeds**

As of March 31, 2019

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

Series	CUSIP	Investment Type	Pool #	Pool UPB	Weighted Average Investment Rate	Maturity Date
2016 ABC	3140E0WB7	FNMA	AZ7841	3,430,910.23	3.25%	10/1/2045
2016 ABC	3140E0WC5	FNMA	AZ7842	826,139.57	3.00%	11/1/2045
2016 ABC	3140E0WD3	FNMA	AZ7843	2,345,242.15	3.25%	11/1/2045
2016 ABC	3140E0WE1	FNMA	AZ7844	1,368,310.43	3.00%	12/1/2045
2016 ABC	3140E0WF8	FNMA	AZ7845	2,010,156.33	3.25%	12/1/2045
2016 ABC	3140E0WG6	FNMA	AZ7846	2,108,978.02	3.00%	1/1/2046
2016 ABC	3140E0WH4	FNMA	AZ7847	921,885.09	3.25%	1/1/2046
2016 ABC	3140E0WZ4	FNMA	AZ7863	3,107,676.45	3.00%	10/1/2045
2016 ABC	3140E0WZ7	FNMA	AZ7864	3,026,841.15	3.25%	10/1/2045
2016 ABC	3140E0W35	FNMA	AZ7865	5,834,469.93	3.00%	11/1/2045
2016 ABC	3140E0W43	FNMA	AZ7866	609,092.62	3.25%	10/1/2045
2016 ABC	3140E0W50	FNMA	AZ7867	5,288,730.10	3.00%	12/1/2046
2016 ABC	3140E0W68	FNMA	AZ7868	340,707.45	2.75%	12/1/2045
2016 ABC	3140E0W76	FNMA	AZ7869	6,126,252.47	3.00%	1/1/2046
2016 ABC	3140EX3X9	FNMA	BC3513	4,138,312.97	3.00%	2/1/2046
2016 ABC	3140EX3Y7	FNMA	BC3514	2,732,260.51	3.25%	2/1/2046
2016 ABC	3140EX3Z4	FNMA	BC3515	3,084,103.83	3.00%	3/1/2046
2016 ABC	3140EX4A8	FNMA	BC3516	1,014,312.11	3.25%	2/1/2046
2016 ABC	3140EX4B6	FNMA	BC3517	3,596,954.81	3.00%	4/1/2046
2016 ABC	3140EX4C4	FNMA	BC3518	1,754,919.48	3.00%	4/1/2046
2016 ABC	3140EX4D2	FNMA	BC3519	1,003,039.90	3.25%	3/1/2046
2016 ABC	3140EX4E0	FNMA	BC3520	2,727,377.54	2.75%	4/1/2046
2016 ABC	3140EX4F7	FNMA	BC3521	3,764,465.27	2.75%	5/1/2046
2016 ABC	3140FCBQ0	FNMA	BD4546	1,639,244.76	2.75%	8/1/2046
2016 ABC	3140FN3B8	FNMA	BE3493	1,935,805.70	2.25%	2/1/2047
2016 ABC	3140FN3E2	FNMA	BE3496	1,744,327.63	3.25%	2/1/2047
2016 ABC	3140GQZ66	FNMA	BH2564	2,745,418.39	3.50%	6/1/2047
2016 ABC	3140GQZ82	FNMA	BH2566	1,174,167.59	2.75%	6/1/2047
2016 ABC	3140GQ2F2	FNMA	BH2573	1,360,327.03	3.00%	7/1/2047
2016 ABC	3140GQ2G0	FNMA	BH2574	2,365,074.65	3.25%	7/1/2047
2016 ABC	3140HMMW91	FNMA	BK7871	2,215,675.03	3.75%	10/1/2048
2016 ABC	3140JJHZ5	FNMA	BN2047	2,422,186.87	4.25%	2/1/2049
2017 BCD	3140GQ2A3	FNMA	BH2568	4,666,439.59	3.00%	7/1/2047
2017 BCD	3140GQ2B1	FNMA	BH2569	5,509,260.70	3.25%	7/1/2047
2017 BCD	3140GQ2C9	FNMA	BH2570	1,702,963.71	3.50%	6/1/2047
2017 BCD	3140GQ2D7	FNMA	BH2571	4,095,132.98	3.25%	7/1/2047
2017 BCD	3140GQ2E5	FNMA	BH2572	5,478,180.43	3.25%	7/1/2047
2017 BCD	3140GQ2H8	FNMA	BH2575	3,251,986.59	3.25%	8/1/2047
2017 BCD	3140GQ2J4	FNMA	BH2576	2,682,477.69	3.00%	8/1/2047
2017 BCD	3140GQ2K1	FNMA	BH2577	856,805.93	2.50%	7/1/2047
2017 BCD	3140GQ2L9	FNMA	BH2578	1,584,747.15	2.75%	8/1/2047
2017 BCD	3140GQ2P0	FNMA	BH2581	5,289,332.54	3.00%	8/1/2047
2017 BCD	3140GQ2Q8	FNMA	BH2582	1,346,779.02	3.00%	8/1/2047
2017 BCD	3140GQ2R6	FNMA	BH2583	4,364,139.16	3.00%	9/1/2047
2017 BCD	3140GQ2S4	FNMA	BH2584	5,052,953.79	3.00%	9/1/2047
2017 BCD	3140GYZA0	FNMA	BH9736	1,613,592.94	3.25%	8/1/2047
2017 BCD	3140GYZB8	FNMA	BH9737	4,065,733.78	3.00%	9/1/2047
2017 BCD	3140GYZC6	FNMA	BH9738	2,414,027.00	3.25%	9/1/2047
2017 BCD	3140GYZD4	FNMA	BH9739	5,220,962.47	3.00%	9/1/2047
2017 BCD	3140GYZE2	FNMA	BH9740	1,546,398.61	2.75%	9/1/2047
2017 BCD	3140GYZF9	FNMA	BH9741	5,247,641.96	3.00%	10/1/2047
2017 BCD	3140GYZG7	FNMA	BH9742	2,228,767.99	3.00%	10/1/2047

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**

**Program MBS Proceeds**

**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

Series	CUSIP	Investment Type	Pool #	Pool UPB	Weighted Average Investment Rate	Maturity Date
2017 BCD	3140GYZH5	FNMA	BH9743	5,789,436.56	3.00%	10/1/2047
2017 BCD	3140GYZJ1	FNMA	BH9744	5,897,478.74	3.00%	10/1/2047
2017 BCD	3140GYZK8	FNMA	BH9745	3,582,980.81	3.25%	10/1/2047
2017 BCD	3140GYZL6	FNMA	BH9746	1,147,972.92	2.50%	9/1/2047
2017 BCD	3140GYZR3	FNMA	BH9751	4,359,879.55	3.00%	12/1/2047
2017 BCD	3140GYZS1	FNMA	BH9752	4,523,849.52	3.00%	12/1/2047
2017 BCD	3140GYZT9	FNMA	BH9753	3,423,613.75	3.00%	12/1/2047
2017 BCD	3140HMWA7	FNMA	BK7872	2,104,730.68	3.75%	10/1/2048
2017 BCD	3140JJH28	FNMA	BN2048	1,623,065.33	4.25%	2/1/2049
2018 DE	3140H8J71	FNMA	BJ6585	5,405,655.98	3.50%	6/1/2048
2018 DE	3140H8J89	FNMA	BJ6586	5,696,895.55	3.50%	5/1/2048
2018 DE	3140H8KA2	FNMA	BJ6588	1,805,729.38	3.50%	5/1/2048
2018 DE	3140H8KC8	FNMA	BJ6590	7,242,216.07	3.75%	6/1/2048
2018 DE	3140H8KD6	FNMA	BJ6591	3,134,006.92	3.25%	5/1/2048
2018 DE	3140H8KF1	FNMA	BJ6593	3,368,037.87	3.75%	6/1/2048
2018 DE	3140H8KG9	FNMA	BJ6594	6,006,106.37	3.75%	7/1/2048
2018 DE	3140H8KH7	FNMA	BJ6595	5,111,206.24	3.75%	7/1/2048
2018 DE	3140HMWM2	FNMA	BK7851	6,777,780.75	3.75%	7/1/2048
2018 DE	3140HMWN0	FNMA	BK7852	3,273,495.77	3.75%	7/1/2048
2018 DE	3140HMWP5	FNMA	BK7853	5,531,383.11	3.75%	8/1/2048
2018 DE	3140HMWQ3	FNMA	BK7854	6,263,178.18	3.75%	8/1/2048
2018 DE	3140HMWR1	FNMA	BK7855	5,545,892.24	3.75%	8/1/2048
2018 DE	3140HMWS9	FNMA	BK7856	6,444,193.52	3.75%	8/1/2048
2018 DE	3140HMWT7	FNMA	BK7857	6,679,948.45	3.75%	8/1/2048
2018 DE	3140HMWU4	FNMA	BK7858	4,038,234.36	3.50%	8/1/2048
2018 DE	3140HMWV2	FNMA	BK7859	1,125,233.78	3.25%	9/1/2048
2018 DE	3140HMWW0	FNMA	BK7860	6,123,288.57	3.75%	9/1/2048
2018 DE	3140HMWX8	FNMA	BK7861	6,215,524.48	3.75%	9/1/2048
2018 DE	3140HMWY6	FNMA	BK7862	5,974,232.17	3.75%	9/1/2048
2018 DE	3140HMW26	FNMA	BK7864	6,552,443.58	3.75%	9/1/2048
2018 DE	3140HMW42	FNMA	BK7866	5,747,555.86	3.75%	9/1/2048
2018 DE	3140HMW59	FNMA	BK7867	6,808,043.94	3.75%	9/1/2048
2018 DE	3140HMW67	FNMA	BK7868	2,527,144.08	3.75%	10/1/2048
2019 AB	3140HMWZ3	FNMA	BK7863	5,713,582.88	4.00%	9/1/2048
2019 AB	3140HMW34	FNMA	BK7865	5,399,197.82	3.75%	9/1/2048
2019 AB	3140HMXB5	FNMA	BK7873	5,000,231.39	3.75%	10/1/2048
2019 AB	3140HMXC3	FNMA	BK7874	3,248,999.10	4.00%	10/1/2048
2019 AB	3140HMXD1	FNMA	BK7875	6,535,297.81	3.75%	10/1/2048
2019 AB	3140JJHF9	FNMA	BN2029	6,216,572.14	3.75%	10/1/2048
2019 AB	3140JJHG7	FNMA	BN2030	6,247,228.17	3.75%	11/1/2048
2019 AB	3140JJHH5	FNMA	BN2031	5,922,783.54	3.75%	11/1/2048
2019 AB	3140JJHJ1	FNMA	BN2032	4,090,126.72	3.75%	11/1/2048
2019 AB	3140JJHK8	FNMA	BN2033	6,887,255.76	3.75%	11/1/2048
2019 AB	3140JJHL6	FNMA	BN2034	5,028,832.04	4.00%	11/1/2048
2019 AB	3140JJHM4	FNMA	BN2035	5,125,873.03	4.00%	11/1/2048
2019 AB	3140JJHN2	FNMA	BN2036	6,021,241.93	4.00%	12/1/2048
2019 AB	3140JJHP7	FNMA	BN2037	2,722,921.76	3.75%	11/1/2048
2019 AB	3140JJHQ5	FNMA	BN2038	4,437,021.21	4.00%	12/1/2048
2019 AB	3140JJHR3	FNMA	BN2039	5,401,249.26	4.00%	12/1/2048
2019 AB	3140JJHS1	FNMA	BN2040	4,135,489.52	3.75%	12/1/2048
2019 AB	3140JJHT9	FNMA	BN2041	3,504,436.03	4.00%	1/1/2049
2019 AB	3140JJHU6	FNMA	BN2042	5,652,463.18	4.25%	1/1/2049

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**

**Program MBS Proceeds**

**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

Series	CUSIP	Investment Type	Pool #	Pool UPB	Weighted Average Investment Rate	Maturity Date
2019 AB	3140JJHV4	FNMA	BN2043	5,808,829.75	4.25%	1/1/2049
2019 AB	3140JJHW2	FNMA	BN2044	6,062,967.78	4.25%	1/1/2049
2019 AB	3140JJH77	FNMA	BN2053	4,519,612.64	4.00%	2/1/2049
2019 AB	3140JJH85	FNMA	BN2054	3,723,993.64	4.00%	2/1/2049
2019 AB	3140JJH93	FNMA	BN2055	4,242,967.00	4.25%	2/1/2049
2019 AB	3140JJJA8	FNMA	BN2056	5,337,417.00	4.00%	3/1/2049
2019 AB	3140JJJB6	FNMA	BN2057	4,177,952.00	4.25%	2/1/2049
2019 AB	3140JJJC4	FNMA	BN2058	4,074,144.00	3.75%	3/1/2049
<b>Proceeds Total</b>				<b>438,070,812.27</b>	<b>3.42%</b>	

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Reserve Requirements**  
**As of March 31, 2019**

Indenture: **Home Ownership Revenue Bonds, 1988 General Resolution**

<b>Reserve Fund Summary:</b>			
Bond Series	Reserve Account Description	Requirement	Current Amount
All Bonds Outstanding for the <b>1988 General Resolution</b>	Debt Service Reserve	12,547,300	13,299,390
Loans without Pool Insurance	Mortgage Pool / Special Hazard Reserve	38,596	46,257

<b>Equity By Resolution:</b>			
Bond Series	Total Trust Assets	Bonds Outstanding	Surplus/ (Deficit)
All Bonds Outstanding for the <b>1988 General Resolution</b>	820,235,482	627,365,000	192,870,482

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Single Family Quarterly Disclosure Report**  
As of March 31, 2019

Indenture: **Home Ownership Mortgage Revenue Bonds, 2009 General Resolution**

Bond Series:	Series Date:	Series Sold:	Final Redemption:
<b>2009A</b>	12/31/2009	12/31/2009	12/07/12
<b>2010 A/2009A-1</b>	11/16/2010	11/16/2010	
<b>2017 A</b>	6/28/2017	6/28/2017	

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Bonds, Loans Outstanding and Status of Any Lendable Funds**  
As of March 31, 2019

Indenture: **Home Ownership Mortgage Revenue Bonds, 2009 General Resolution**

Series	Bonds Outstanding	# of MBS Investments Held	Outstanding MBS Balance	Weighted Average Investment Rate	Undisbursed, Committed Lendable Funds	Uncommitted Lendable Funds
<b>2009A</b>	0		0			
<b>2010 A</b>	27,430,000	42	30,700,754	3.926%	-	-
<b>2017 A</b>	85,799,199	29	85,713,831	2.940%	0	0
<b>Totals</b>	<b>113,229,199</b>	<b>71</b>	<b>116,414,585</b>		<b>0</b>	<b>0</b>

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**

**Investments - 84**

**As of March 31, 2019**

Indenture: **Home Ownership Mortgage Revenue Bonds, 2009 General Resolution**

Fund	Investment Type	Investment Amount	Rate of Investment	Maturity Date
<b>Proceeds Account - 08</b>	Cash	0	n/a	n/a
	Repo/Money Market	957,108	2.35%	Daily
	MBS Securities*	116,414,585		
	Fund Total	<u>\$117,371,694</u>		
<b>Revenue Account - 01</b>	Cash	0	n/a	n/a
	Repo/Money Market	4,665,673	2.35%	Daily
		<u>\$4,665,673</u>		
	Fund Total			
<b>Principal Receipts - 51</b>	Cash	0	n/a	n/a
	Repo/Money Market	0	2.35%	Daily
		<u>\$0</u>		
	Fund Total			
<b>Bond Account - 05</b>	Cash	0	n/a	n/a
	Repo/Money Market	0	2.35%	Daily
		<u>\$0</u>		
	Fund Total			
<b>Redemption Account - 06</b>	Cash	0	n/a	n/a
	Repo/Money Market	2,624	2.35%	Daily
		<u>\$2,624</u>		
	Fund Total			
<b>Residual Account - 41</b>	Cash	0	n/a	n/a
	Repo/Money Market	0	n/a	Daily
	FNMA BJ6587 3.50% 6/1/2048	6,029,820	3.50%	6/1/2048
		<u>\$6,029,820</u>		
<b>PROGRAM TOTAL</b>		<b>\$128,069,810</b>		



**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Program MBS Proceeds**  
**As of March 31, 2019**

Indenture: **Home Ownership Mortgage Revenue Bonds, 2009 General Resolution**

Series	CUSIP	Investment Type	Pool #	Pool UPB	Weighted Average Investment Rate	Maturity Date
2010 A	3138A24X4	FNMA	AH1737	483,554.46	3.50%	12/1/2040
2010 A	3138A24Y2	FNMA	AH1738	908,272.05	3.50%	11/1/2040
2010 A	3138A24Z9	FNMA	AH1739	148,769.33	3.50%	11/1/2040
2010 A	3138A25A3	FNMA	AH1740	454,257.61	3.50%	1/1/2041
2010 A	3138A25B1	FNMA	AH1741	558,748.31	3.50%	1/1/2041
2010 A	3138A25C9	FNMA	AH1742	328,199.26	3.50%	1/1/2041
2010 A	3138A25D7	FNMA	AH1743	467,691.70	3.50%	12/1/2040
2010 A	3138A25E5	FNMA	AH1744	803,872.67	3.50%	2/1/2041
2010 A	3138A25F2	FNMA	AH1745	638,655.71	3.50%	2/1/2041
2010 A	3138A25G0	FNMA	AH1746	988,690.68	3.50%	2/1/2041
2010 A	3138AAW23	FNMA	AH8764	381,445.32	3.50%	6/1/2041
2010 A	3138AAW31	FNMA	AH8765	285,808.06	4.00%	6/1/2041
2010 A	3138AAW49	FNMA	AH8766	958,262.52	3.50%	6/1/2041
2010 A	3138AAW56	FNMA	AH8767	742,013.15	4.00%	7/1/2041
2010 A	3138AAW64	FNMA	AH8768	610,452.90	4.00%	7/1/2041
2010 A	3138AAWV9	FNMA	AH8759	150,144.54	3.50%	3/1/2041
2010 A	3138AAWW7	FNMA	AH8760	788,965.06	3.50%	4/1/2041
2010 A	3138AAWX5	FNMA	AH8761	284,570.78	3.50%	5/1/2041
2010 A	3138AAWY3	FNMA	AH8762	378,134.89	3.50%	6/1/2041
2010 A	3138AAWZ0	FNMA	AH8763	586,210.02	3.50%	6/1/2041
2010 A	3138APYU6	FNMA	AI9722	701,892.46	4.00%	8/1/2041
2010 A	3138APYV4	FNMA	AI9723	673,593.44	4.00%	8/1/2041
2010 A	3138APYW2	FNMA	AI9724	732,370.21	4.00%	8/1/2041
2010 A	3138APYX0	FNMA	AI9725	466,303.28	4.00%	8/1/2041
2010 A	3138APYZ5	FNMA	AI9727	889,254.01	4.00%	9/1/2041
2010 A	31418UQ80	FNMA	AD6778	1,393,535.32	4.70%	5/1/2040
2010 A	31418UQ98	FNMA	AD6779	690,561.81	4.70%	5/1/2040
2010 A	31418URA4	FNMA	AD6780	1,196,574.85	4.70%	7/1/2040
2010 A	31418XB64	FNMA	AD9060	2,116,354.75	4.70%	7/1/2040
2010 A	31418XB72	FNMA	AD9061	1,096,096.52	4.70%	7/1/2040
2010 A	31418XB80	FNMA	AD9062	1,351,648.71	4.70%	7/1/2040
2010 A	31418XB98	FNMA	AD9063	1,539,839.24	4.70%	8/1/2040
2010 A	31418XCA4	FNMA	AD9064	1,054,145.45	4.58%	8/1/2040
2010 A	31418XCB2	FNMA	AD9065	102,789.94	4.55%	7/1/2040
2010 A	31418XCC0	FNMA	AD9066	261,880.34	4.70%	8/1/2040
2010 A	31418XCD8	FNMA	AD9067	1,869,232.48	4.58%	9/1/2040
2010 A	31418XCE6	FNMA	AD9068	637,603.34	4.58%	9/1/2040
2010 A	31419JE95	FNMA	AE7359	604,810.07	3.50%	11/1/2040
2010 A	31419JFA1	FNMA	AE7360	1,052,344.34	3.50%	11/1/2040
2010 A	31419JFB9	FNMA	AE7361	596,809.13	3.50%	11/1/2040
2010 A	31419JFC7	FNMA	AE7362	271,041.32	3.50%	11/1/2040
2010 A	31419JFD5	FNMA	AE7363	455,354.19	3.50%	12/1/2040
2017 A	3140FCCC0	FNMA	BD4566	2,975,473.95	2.50%	11/1/2046
2017 A	3140FCCF3	FNMA	BD4569	4,624,079.55	2.50%	12/1/2046
2017 A	3140FCCG1	FNMA	BD4570	4,868,280.06	2.50%	12/1/2046
2017 A	3140FN2S2	FNMA	BE3484	2,189,580.88	2.75%	12/1/2046
2017 A	3140FN2T0	FNMA	BE3485	4,246,983.44	2.50%	12/1/2046
2017 A	3140FN2U7	FNMA	BE3486	1,701,797.09	2.50%	12/1/2046
2017 A	3140FN2V5	FNMA	BE3487	1,245,114.68	2.00%	1/1/2047
2017 A	3140FN2W3	FNMA	BE3488	4,557,959.14	2.50%	1/1/2047

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**Program MBS Proceeds**  
**As of March 31, 2019**

Indenture: **Home Ownership Mortgage Revenue Bonds, 2009 General Resolution**

Series	CUSIP	Investment Type	Pool #	Pool UPB	Weighted Average Investment Rate	Maturity Date
2017 A	3140FN2X1	FNMA	BE3489	2,212,751.89	2.75%	1/1/2047
2017 A	3140FN2Y9	FNMA	BE3490	2,971,238.01	2.75%	1/1/2047
2017 A	3140FN2Z6	FNMA	BE3491	1,795,030.20	2.50%	1/1/2047
2017 A	3140FN3A0	FNMA	BE3492	2,629,584.25	3.25%	2/1/2047
2017 A	3140FN3C6	FNMA	BE3494	996,753.55	2.75%	1/1/2047
2017 A	3140FN3H5	FNMA	BE3499	1,380,980.61	3.00%	3/1/2047
2017 A	3140FN3J1	FNMA	BE3500	5,474,966.32	3.25%	3/1/2047
2017 A	3140FN3K8	FNMA	BE3501	1,284,182.09	3.25%	3/1/2047
2017 A	3140FN3L6	FNMA	BE3502	1,005,146.64	3.50%	3/1/2047
2017 A	3140FN3M4	FNMA	BE3503	7,539,820.87	3.25%	4/1/2047
2017 A	3140FN3N2	FNMA	BE3504	1,167,828.08	2.50%	1/1/2047
2017 A	3140FN3P7	FNMA	BE3505	1,370,837.70	3.00%	4/1/2047
2017 A	3140FN3Q5	FNMA	BE3506	1,423,077.23	3.25%	4/1/2047
2017 A	3140FN3R3	FNMA	BE3507	1,245,232.86	3.50%	4/1/2047
2017 A	3140FN3S1	FNMA	BE3508	8,228,272.01	3.25%	5/1/2047
2017 A	3140GQZ25	FNMA	BH2560	1,361,471.84	3.25%	5/1/2047
2017 A	3140GQZ33	FNMA	BH2561	2,105,899.97	3.50%	5/1/2047
2017 A	3140GQZ41	FNMA	BH2562	4,551,931.79	3.25%	6/1/2047
2017 A	3140GQZ58	FNMA	BH2563	2,707,024.38	3.25%	6/1/2047
2017 A	3140GQZ74	FNMA	BH2565	4,799,053.16	3.25%	6/1/2047
2017 A	3140GQZ90	FNMA	BH2567	3,053,478.73	3.25%	6/1/2047
<b>Proceeds Total</b>				<b>116,414,585.19</b>		





WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2003 B  
 (\$110,000,000 Delivered July 28, 2003)

CALL DATE:	3/1/2004	9/1/2004	3/1/2005	9/1/2005	3/1/2006	9/1/2006	3/1/2007	9/1/2007	3/1/2008	9/1/2008	3/1/2009	9/1/2009	3/1/2010	9/1/2010	3/1/2011	9/1/2011	3/1/2012	9/1/2012	3/1/2013	9/1/2013	3/1/2014	9/1/2014	3/1/2015	9/1/2015	3/1/2016	9/1/2016	3/1/2017	9/1/2017	3/1/2018	9/1/2018	3/1/2019	TOTAL		
DEPOSIT FROM:																																		
PROCEEDS	0	0	0	0.00	0.00	10,966.80	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,967		
DEBT SERVICE RESERVE	0	0	0	0.00	0.00	297,000.00	102,500.00	94,800.00	0.00	0.00	260,300	177,200	71,900	77,200	95,700	63,600	19,304	8,675	8,893	9,270	9,562	9,783	10,001	12,868	29,473	11,573	12,927	114,778	10,669.47	120,191	1,629,168			
PRINCIPAL PAYMENTS	365,491	1,364,795	216,713	806,186.60	804,933.47	799,650.64	781,609.44	797,680.21	1,594,439.40	682,026.85	2,357,237.36	675,783	1,244,767	557,577	914,029	1,101,199	309,778	558,385	635,587	676,800	247,602	396,290	1,451,999	575,006	708,520	391,708	384,865	385,549	344,911	340,250	314,156	22,685,482		
PREPAY	241,433	1,574,420	1,781,225	2,788,938.69	4,924,535.05	4,016,276.18	3,856,386.62	3,684,670.45	2,684,794.14	3,604,201.94	2,650,568.67	2,916,358	2,171,744	3,233,347	4,184,043	1,979,752	3,364,642	3,047,925	3,417,628	3,844,546	2,390,798	985,297	1,174,773	1,496,298	1,360,892	1,192,168	1,588,464	954,067	729,886	1,247,576	914,376	73,818,652		
TOTAL:	606,923	2,937,185	1,977,938	3,693,125.20	5,729,468.52	5,123,923.63	4,740,496.06	4,587,150.66	4,239,233.54	4,186,246.69	5,007,787.03	3,852,441	3,593,712	3,962,723	4,786,072	3,175,631	3,738,020	3,625,615	4,061,790	4,830,239	2,617,660	1,391,139	2,636,555	2,071,246	2,112,280	1,673,347	1,984,902	1,352,562.88	1,188,675.00	1,598,497.98	1,348,723.37	98,141,309		
SERIES B																																		TOTAL
9/2003 TERM	Rate	110,000,000																															TOTAL	
TOTAL 2003 SERIES B	0	695,000	2,935,000	1,980,000	3,695,000	5,725,000	5,125,000	4,740,000	4,590,000	4,240,000	4,185,000	5,005,000	3,855,000	3,595,000	3,960,000	4,785,000	3,180,000	3,735,000	3,625,000	4,065,000	4,830,000	2,615,000	1,390,000	2,640,000	2,070,000	2,110,000	1,675,000	1,985,000	1,355,000	1,185,000	1,600,000	1,350,000	TOTAL	
		0	695,000	1,980,000	3,695,000	5,725,000	5,125,000	4,740,000	4,590,000	4,240,000	4,185,000	5,005,000	3,855,000	3,595,000	3,960,000	4,785,000	3,180,000	3,735,000	3,625,000	4,065,000	4,830,000	2,615,000	1,390,000	2,640,000	2,070,000	2,110,000	1,675,000	1,985,000	1,355,000	1,185,000	1,600,000	1,350,000	REDEEMPT	
		0	695,000	1,980,000	3,695,000	5,725,000	5,125,000	4,740,000	4,590,000	4,240,000	4,185,000	5,005,000	3,855,000	3,595,000	3,960,000	4,785,000	3,180,000	3,735,000	3,625,000	4,065,000	4,830,000	2,615,000	1,390,000	2,640,000	2,070,000	2,110,000	1,675,000	1,985,000	1,355,000	1,185,000	1,600,000	1,350,000	O/S	
		0	695,000	1,980,000	3,695,000	5,725,000	5,125,000	4,740,000	4,590,000	4,240,000	4,185,000	5,005,000	3,855,000	3,595,000	3,960,000	4,785,000	3,180,000	3,735,000	3,625,000	4,065,000	4,830,000	2,615,000	1,390,000	2,640,000	2,070,000	2,110,000	1,675,000	1,985,000	1,355,000	1,185,000	1,600,000	1,350,000	98,140,000	
		0	695,000	1,980,000	3,695,000	5,725,000	5,125,000	4,740,000	4,590,000	4,240,000	4,185,000	5,005,000	3,855,000	3,595,000	3,960,000	4,785,000	3,180,000	3,735,000	3,625,000	4,065,000	4,830,000	2,615,000	1,390,000	2,640,000	2,070,000	2,110,000	1,675,000	1,985,000	1,355,000	1,185,000	1,600,000	1,350,000	11,860,000	

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2005 DE  
 (\$148,500,000 Delivered September 29, 2005)

CALL DATE:		9/1/2006	3/1/2007	9/1/2007	3/1/2008	6/1/2008	9/1/2008	12/1/2008	3/1/2009	9/1/2009	3/1/2010	9/1/2010	3/1/2011	9/1/2011	3/1/2012	9/1/2012	3/1/2013	9/1/2013	3/1/2014	9/1/2014	3/1/2015	9/1/2015	10/15/2015	9/1/2017	3/1/2018	9/1/2018	TOTAL			
DEPOSIT FROM:																														
ECONOMIC REFUNDING																							30,570,000				30,570,000			
PROCEEDS		0	0	0	0	0	0	0	0	0	0	0	3,294,611	6,400,000	0	0	0	0	0	0	0	0					9,694,611			
CROSS CALL		0	0	0	0	0	0	1,798,852	173,366	0	0	0	0	0	2,715,033	2,655,000	0	2,082,234	0	0	0	0			510,000		9,934,484			
RECYCLING																								(597,478)			(597,478)			
PREPAY		1,136,371	1,834,522	2,091,915	2,067,304	455,000	3,202,919	0	2,830,640	2,885,000	2,850,000	4,549,042	9,440,459	4,989,064	7,479,904	6,479,771	8,200,000	5,292,996	1,365,863	732,805	799,919	858,654	240,000	597,478	460,998	70,831,623				
TOTAL:		1,136,371	1,834,522	2,091,915	2,067,304	455,000	3,202,919	1,798,852	3,004,006	2,885,000	2,850,000	4,549,042	12,735,070	11,389,064	10,185,936	9,134,771	8,200,000	7,375,229	1,365,863	732,805	799,919	858,654	30,810,000	0	970,998	0	89,863,240			
SERIES D																											TOTAL	TOTAL		
	RATE																										REDEMP	OS		
3/2036 TERM	4.875%	37,225,000	1,300,000	765,000	1,325,000	1,945,000	2,070,000	455,000	2,985,000	0	2,975,000	2,885,000	2,850,000	2,760,000	2,680,000	2,600,000	2,520,000	2,435,000	2,355,000	2,280,000	40,000						37,225,000	0		
9/2036 TERM	2.830%	81,275,000	565,000	0	0	0	0	0	215,000	0	30,000	0	1,785,000	10,060,000	8,785,000	7,670,000	6,695,000	5,845,000	5,100,000	1,325,000	730,000	800,000	860,000	30,810,000			81,275,000	0		
TOTAL 2005 SERIES D		118,500,000	1,865,000	765,000	1,325,000	1,945,000	2,070,000	455,000	3,200,000	0	3,005,000	2,885,000	2,850,000	4,545,000	12,740,000	11,385,000	10,190,000	9,130,000	8,200,000	7,380,000	1,365,000	730,000	800,000	860,000	30,810,000	0	0	118,500,000	0	
SERIES E																														
3/2036 TERM	3.930%	30,000,000	19,205,000	370,000	510,000	145,000	0	0	0	1,800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	970,000			23,000,000	7,000,000
TOTAL 2005 SERIES B		30,000,000	19,205,000	370,000	510,000	145,000	0	0	0	1,800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	970,000	0	0	23,000,000	7,000,000
TOTAL 2005 SERIES A AND		148,500,000	21,070,000	1,135,000	1,835,000	2,090,000	2,070,000	455,000	3,200,000	1,800,000	3,005,000	2,885,000	2,850,000	4,545,000	12,740,000	11,385,000	10,190,000	9,130,000	8,200,000	7,380,000	1,365,000	730,000	800,000	860,000	30,810,000	0	970,000	0	141,500,000	7,000,000



WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2015 ABC  
 (\$202,855,000 Delivered September 15, 2015)

CALL DATE:	3/1/2016	9/1/2016	3/1/2017	9/1/2017	3/1/2018	9/1/2018	3/1/2019	TOTAL
DEPOSIT FROM:								
ECONOMIC REFUNDING								0
EXCESS REVENUES								0
CROSS CALL								0
RECYCLE			(819,373)	(1,451,507)	(3,092,335)	(2,061,977.63)	(471,876.53)	(7,897,069)
PREPAY	5,178,620	6,925,590	11,567,003	9,968,419	10,208,671	10,213,046.94	5,336,876.53	59,398,226
TOTAL:	5,178,620	6,925,590	10,747,630	8,516,912	7,116,336	8,151,069.31	4,865,000.00	51,501,158

SERIES A	RATE	ORIGINAL BONDS OIS	SCHEDULED REDEMPTIONS	TOTAL REDEMPT	TOTAL OIS							
<b>SERIAL BONDS</b>												
Mar-16	0.50%	3,275,000	3,275,000	3,275,000	0							
Sep-16	0.65%	3,355,000	3,355,000	3,355,000	0							
Mar-17	1.05%	3,375,000	3,375,000	3,375,000	0							
Sep-17	1.15%	3,405,000	3,405,000	3,405,000	0							
Mar-18	1.40%	3,435,000	3,435,000	3,435,000	0							
Sep-18	1.50%	3,470,000	3,470,000	3,470,000	0							
Mar-19	1.85%	3,505,000	3,505,000	3,505,000	0							
Sep-19	1.95%	3,545,000	-	0	3,545,000							
Feb-20	2.15%	3,585,000	-	0	3,585,000							
Sep-20	2.25%	3,640,000	-	0	3,640,000							
Feb-21	2.50%	3,695,000	-	0	3,695,000							
Sep-21	2.60%	3,755,000	-	0	3,755,000							
Feb-22	2.80%	3,815,000	-	0	3,815,000							
Sep-22	2.90%	3,885,000	-	0	3,885,000							
Feb-23	3.05%	3,950,000	-	0	3,950,000							
Sep-23	3.15%	4,025,000	-	2,130,000	1,895,000							
Feb-24	3.25%	4,100,000	-	4,100,000	0							
Sep-24	3.30%	915,000	-	915,000	0							
TOTAL SERIES A SERIALS		62,730,000	23,820,000	500,000	415,000	2,615,000	1,485,000	-	2,130,000	0	7,145,000	31,765,000
9/2045 TERM	4.000%	75,125,000	-	4,675,000	4,980,000	5,155,000	5,305,000	5,335,000	5,105,000	4,865,000	35,420,000	39,705,000
<b>TOTAL 2015 SERIES A</b>		<b>137,855,000</b>	<b>23,820,000</b>	<b>5,175,000</b>	<b>5,395,000</b>	<b>7,770,000</b>	<b>6,790,000</b>	<b>5,335,000</b>	<b>7,235,000</b>	<b>4,865,000</b>	<b>66,385,000</b>	<b>71,470,000</b>
<b>SERIES B</b>												
Sep-24	2.95%	3,270,000	-								0	3,270,000
Mar-25	3.05%	4,260,000	-								0	4,260,000
Sep-25	3.10%	4,335,000	-								0	4,335,000
Mar-26	3.20%	4,420,000	-			1,725,000	1,780,000	915,000			4,420,000	0
Sep-26	3.25%	4,510,000	-	1,530,000	2,980,000						4,510,000	0
<b>TOTAL SERIES B SERIALS</b>		<b>20,795,000</b>	<b>0</b>	<b>0</b>	<b>1,530,000</b>	<b>2,980,000</b>	<b>1,725,000</b>	<b>1,780,000</b>	<b>915,000</b>	<b>0</b>	<b>8,930,000</b>	<b>11,865,000</b>
3/2031 TERM iWAP/VARIABLE		44,205,000	0								0	44,205,000
<b>TOTAL SERIES C</b>		<b>44,205,000</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44,205,000</b>
<b>TOTAL 2015 SERIES A, B AND C</b>		<b>202,855,000</b>	<b>23,820,000</b>	<b>5,175,000</b>	<b>6,925,000</b>	<b>10,750,000</b>	<b>8,515,000</b>	<b>7,115,000</b>	<b>8,150,000</b>	<b>4,865,000</b>	<b>75,315,000</b>	<b>127,540,000</b>



WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2016 DE  
 (\$141,435,000 Delivered October 5, 2016)

CALL DATE:	3/1/2017	9/1/2017	3/1/2018	9/1/2018	3/1/2019	TOTAL
DEPOSIT FROM:						0
ECONOMIC REFUNDING						0
EXCESS REVENUES						0
CROSS CALL						(4,338,104)
RECYCLE		(1,646,267)	(1,090,118)	(1,601,719)		14,827,648
PREPAY	380,979	4,058,201	3,040,118	4,422,654	2,925,696	14,827,648
<b>TOTAL:</b>	<b>380,979</b>	<b>2,411,934.45</b>	<b>1,950,000.00</b>	<b>2,820,935.05</b>	<b>2,925,695.69</b>	<b>10,489,544</b>

	RATE	ORIGINAL BONDS OIS	SCHEDULED REDEMPTIONS						TOTAL REDEMPT	TOTAL OIS	
<b>SERIES D</b>											
SERIAL BONDS											
Mar-17	0.80%	735,000	735,000						735,000	0	
Sep-17	0.83%	1,590,000	1,590,000						1,590,000	0	
Mar-18	0.90%	1,795,000	1,795,000						1,795,000	0	
Sep-18	1.05%	1,805,000	1,805,000						1,805,000	0	
Mar-19	1.10%	1,820,000	1,820,000						1,820,000	0	
Sep-19	1.15%	1,840,000	-						0	1,840,000	
Feb-20	1.30%	1,850,000	-						0	1,850,000	
Aug-20	1.35%	1,870,000	-						0	1,870,000	
Feb-21	1.45%	1,890,000	-						0	1,890,000	
Sep-21	1.50%	1,910,000	-						0	1,910,000	
Feb-22	1.65%	1,930,000	-						0	1,930,000	
Sep-22	1.70%	1,955,000	-						0	1,955,000	
Feb-23	1.80%	1,975,000	-						0	1,975,000	
Sep-23	1.90%	2,005,000	-						0	2,005,000	
Feb-24	2.05%	2,030,000	-						0	2,030,000	
Sep-24	2.10%	2,060,000	-						0	2,060,000	
Feb-25	2.25%	2,085,000	-						0	2,085,000	
Sep-25	2.30%	2,120,000	-						0	2,120,000	
Feb-26	2.40%	2,150,000	-						0	2,150,000	
Sep-26	2.45%	2,185,000	-						0	2,185,000	
Feb-27	2.50%	2,220,000	-						0	2,220,000	
Sep-27	2.55%	2,255,000	-						0	2,255,000	
<b>TOTAL SERIES D SERIALS</b>		<b>42,075,000</b>	<b>7,745,000</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,745,000</b>	<b>34,330,000</b>	
9/2032 TERM	3.000%	18,580,000	-						0	18,580,000	
9/2036 TERM	3.300%	22,550,000	-						0	22,550,000	
9/2041 TERM	3.450%	12,025,000	-						0	12,025,000	
9/2046 TERM PAC	3.500%	12,185,000	-	110,000	450,000.00	570,000.00	730,000.00	855,000.00	2,715,000	9,470,000	
9/2046 TERM	3.500%	4,470,000	-	5,000	870,000.00	310,000.00	310,000.00		1,185,000	3,285,000	
<b>TOTAL 2016 SERIES D</b>		<b>111,885,000</b>	<b>7,745,000</b>	<b>115,000</b>	<b>1,320,000.00</b>	<b>570,000.00</b>	<b>1,040,000.00</b>	<b>855,000.00</b>	<b>3,900,000</b>	<b>100,240,000</b>	
<b>SERIES E</b>											
9/2046 TERM PAC	3.50%	29,550,000	-	265,000	1,090,000.00	1,380,000.00	1,780,000.00	2,070,000.00	6,585,000	22,965,000	
<b>TOTAL SERIES E SERIALS</b>		<b>29,550,000</b>	<b>0</b>	<b>265,000</b>	<b>1,090,000.00</b>	<b>1,380,000.00</b>	<b>1,780,000.00</b>	<b>2,070,000.00</b>	<b>6,585,000</b>	<b>22,965,000</b>	
<b>TOTAL 2016 SERIES D AND E</b>		<b>141,435,000</b>	<b>7,745,000</b>	<b>380,000</b>	<b>2,410,000</b>	<b>1,950,000</b>	<b>2,820,000</b>	<b>2,925,000</b>	<b>0</b>	<b>18,230,000</b>	<b>123,205,000</b>

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2018 ABC  
 (\$115,030,000 Delivered March 28, 2018)

CALL DATE:	9/1/2018	3/1/2019		<b>TOTAL</b>
DEPOSIT FROM:				
ECONOMIC REFUNDING				0
EXCESS REVENUES				0
CROSS CALL	95,000			95,000
RECYCLE		(607,456)		(607,456)
PREPAY	700,040	2,272,456		2,972,496
<b>TOTAL:</b>	<b>795,040</b>	<b>1,665,000</b>	-	<b>2,460,040</b>

	<b>RATE</b>	<b>ORIGINAL BONDS O/S</b>	<b>SCHEDULED REDEMPTIONS</b>					<b>TOTAL REDEMPT</b>	<b>TOTAL O/S</b>
<b>SERIES A</b>									
SERIAL BONDS									
Sep-18	1.55%	950,000	950,000					950,000	0
Mar-19	1.65%	1,335,000	1,335,000					1,335,000	0
Sep-19	1.75%	1,355,000	-					0	1,355,000
Mar-20	2.00%	1,370,000	-					0	1,370,000
Sep-20	2.05%	1,395,000	-					0	1,395,000
Mar-21	2.25%	1,415,000	-					0	1,415,000
Sep-21	2.35%	1,440,000	-					0	1,440,000
Mar-22	2.50%	1,465,000	-					0	1,465,000
Sep-22	2.60%	1,490,000	-					0	1,490,000
Mar-23	2.75%	1,520,000	-					0	1,520,000
Sep-23	2.80%	1,295,000	-					0	1,295,000
<b>TOTAL SERIES A SERIALS</b>		<b>15,030,000</b>	<b>2,285,000</b>	0	0	0	0	<b>2,285,000</b>	<b>12,745,000</b>
<b>SERIES B</b>									
SERIAL BONDS									
Sep-23	2.50%	255,000	-					0	255,000
Mar-23	2.55%	1,575,000	-					0	1,575,000
Sep-24	2.65%	1,605,000	-					0	1,605,000
Mar-24	2.70%	1,635,000	-					0	1,635,000
Sep-25	2.75%	1,670,000	-					0	1,670,000
Mar-25	2.90%	1,700,000	-					0	1,700,000
Sep-26	2.95%	1,735,000	-					0	1,735,000
Mar-26	3.05%	1,770,000	-					0	1,770,000
Sep-27	3.10%	1,810,000	-					0	1,810,000
<b>TOTAL SERIES B SERIALS</b>		<b>13,755,000</b>	<b>0</b>	0	0	0	0	<b>0</b>	<b>13,755,000</b>
3/2048 TERM PAC	4.00%	42,140,000	-	795,000	1,665,000			2,460,000	39,680,000
<b>TOTAL 2018 SERIES B</b>		<b>55,895,000</b>	<b>2,285,000</b>	<b>795,000</b>	<b>1,665,000</b>	-	0	<b>2,460,000</b>	<b>53,435,000</b>
<b>SERIES C</b>									
3/2039 TERM	Variable	44,105,000	-					0	44,105,000
<b>TOTAL C TERM</b>		<b>44,105,000</b>	<b>0</b>	0	0	-	0	<b>0</b>	<b>44,105,000</b>
<b>TOTAL 2018 SERIES A,B&amp;C</b>		<b>115,030,000</b>	<b>2,285,000</b>	<b>795,000</b>	<b>1,665,000</b>	0	0	<b>4,745,000</b>	<b>110,285,000</b>

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
**BOND CALL SUMMARY**  
**HOME OWNERSHIP REVENUE BONDS 2003 D**  
(\$20,215,000 Delivered November 4, 2003)

	3/1/2007	9/1/2007	3/1/2008	9/1/2008	12/1/2008	3/1/2009	6/1/2009	9/1/2009	12/1/2009	3/1/2010	6/1/2010	9/1/2010	12/1/2010	3/1/2011	6/1/2011	9/1/2011	12/1/2011	3/1/2012	9/1/2012	3/1/2013	9/1/2013	3/1/2014	9/1/2014	3/1/2015	9/1/2015	3/1/2016	9/1/2016	3/1/2017	9/1/2017	3/1/2018	9/1/2018	3/1/2019	TOTAL		
CALL DATE:																																			
DEPOSIT FROM:																																			
PROCEEDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CROSS CALL	0	0	0	0	1,304,142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,304,142	
PREPAY	934,610	527,398	449,670	506,320	0	207,256	194,860	206,893	491,840	71,102	35,446	82,985	425,844	165,384	29,682	113,356	127,461	189,322	160,751	342,477	312,287	144,338	276,819	187,513	37,297	124,701	57,873	12,084	80,149	65,052	205,838	32,736	6,799,345		
TOTAL:	934,610	527,398	449,670	506,320	1,304,142	207,256	194,860	206,893	491,840	71,102	35,446	82,985	425,844	165,384	29,682	113,356	127,461	189,322	160,751	342,477	312,287	144,338	276,819	187,513	37,297	124,701	57,873	12,084	80,149	65,052	205,838	32,736	8,103,467		
<b>SERIES D</b>																																			<b>TOTAL</b>
<b>RATE</b>																																			<b>REDEMP</b>
<b>BONDS O/S</b>	930,000	530,000	450,000	505,000	1,305,000	205,000	195,000	210,000	490,000	70,000	35,000	85,000	425,000	165,000	30,000	115,000	125,000	190,000	160,000	345,000	310,000	145,000	280,000	185,000	40,000	120,000	60,000	10,000	80,000	65,000	210,000	30,000	<b>O/S</b>		
3/2028 TERM Variable	20,215,000																																		15,185,000
TOTAL 2003 SERIES D	20,215,000																																		5,030,000

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
**BOND CALL SUMMARY**  
**HOME OWNERSHIP REVENUE BONDS 2004 E**  
(\$100,000,000 Delivered November 23, 2004)

CALL DATE:	3/1/2005	9/1/2005	3/1/2006	9/1/2006	3/1/2007	9/1/2007	3/1/2008	9/1/2008	3/1/2009	9/1/2009	3/1/2010	9/1/2010	3/1/2011	9/1/2011	3/1/2012	9/1/2012	3/1/2013	9/1/2013	3/1/2014	9/1/2014	3/1/2015	9/1/2015	3/1/2016	9/1/2016	3/1/2017	9/1/2017	3/1/2018	9/1/2018	3/1/2019	TOTAL				
DEPOSIT FROM:																																		
EXCESS REVENUES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
PROCEEDS	0	0	0	13,494	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,494				
CROSS CALL PREPAYMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
EXCESS PREPAYMENTS	0	0	0	66,300	0	116,200	83,000	48,000	55,200	50,200	75,253	0	136,800	119,100	69,200	48,596	5,464,451	9,513	10,023	10,773	10,358	111,089	10,309	56,855	42,149	166,427	8,821	72,820.01	71,409.63	6,912,845				
PRINCIPAL PAYMENTS	21,528	516,165	672,432	723,432	702,071	722,455	786,690	687,166	489,254	688,779	96,335	19,869	132,062	306,472	0	618,250	324,388	131,802	360,646	588,293	497,483	194,087	256,251	396,802	367,945	374,121	328,681	319,426.21	302,400.22	11,625,283				
PREPAY	190,692	519,888	1,396,527	2,482,340	1,822,079	3,310,111	1,531,210	2,025,269	1,964,718	3,080,757	2,796,290	3,589,881	5,686,266	3,031,826	4,705,506	4,162,521	3,870,546	3,333,710	1,866,593	1,505,263	1,530,399	1,887,094	1,705,116	1,781,868	1,739,119	1,225,551	1,743,417	1,030,634.79	391,178.15	65,906,263				
TOTAL:	212,120	1,036,053	2,068,959	3,285,567	2,524,150	4,148,766	2,400,900	2,760,425	2,509,172	3,819,736	2,967,878	3,609,750	5,955,128	3,457,397	4,774,706	4,829,367	9,659,385	3,475,025	2,237,261	2,104,329	2,038,240	2,192,270	1,971,675	2,235,525	2,149,213	1,766,099	2,080,919	1,422,881.01	764,988.00	84,457,886				
SERIES B																																		
9/2035 TERM	Variable	100,000,000	0	210,000	1,035,000	2,070,000	3,285,000	2,525,000	4,150,000	2,400,000	2,760,000	2,510,000	2,820,000	2,965,000	3,610,000	5,955,000	3,460,000	4,775,000	4,830,000	9,655,000	3,475,000	2,240,000	2,105,000	2,035,000	2,195,000	1,970,000	2,235,000	2,150,000	1,765,000	2,085,000	1,420,000	765,000	84,455,000	15,545,000
TOTAL 2003 SERIES B		100,000,000	0	210,000	1,035,000	2,070,000	3,285,000	2,525,000	4,150,000	2,400,000	2,760,000	2,510,000	2,820,000	2,965,000	3,610,000	5,955,000	3,460,000	4,775,000	4,830,000	9,655,000	3,475,000	2,240,000	2,105,000	2,035,000	2,195,000	1,970,000	2,235,000	2,150,000	1,765,000	2,085,000	1,420,000	765,000	84,455,000	15,545,000

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2006 AB  
 (\$200,000,000 Delivered January 19, 2006)

		9/1/2006	3/1/2007	9/1/2007	3/1/2008	9/1/2008	3/1/2009	9/1/2009	3/1/2010	9/1/2010	3/1/2011	9/1/2011	3/1/2012	9/1/2012	3/1/2013	9/1/2013	3/1/2014	9/1/2014	3/1/2015	9/1/2015	3/1/2016	6/1/2016	9/1/2017	3/1/2018	TOTAL		
CALL DATE:																											
DEPOSIT FROM:																											
PROCEEDS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EXCESS REVENUES												28,905,000	0	0	0	5,950,000	0	0	0	0	0	0	0	0	34,855,000		
ECONOMIC REFUNDING												0	0	0	0	0	0	0	0	0	0	47,275,000	0	0	47,275,000		
CROSS CALL		0	0	0	0	0	0	0	0	0	3,335,000	0	0	2,085,000	1,235,000	0	0	0	0	0	0	0	0	0	6,655,000		
PREPAY		384,796	720,000	1,285,000	1,835,000	2,360,000	2,680,077	2,660,000	9,133,060	2,535,903	2,475,000	8,489,947	2,360,000	2,300,000	14,330,431	7,065,568	2,198,769	1,704,557	1,660,898	1,607,874	1,560,998	735,000	0	0	70,082,879		
TOTAL:		384,796	720,000	1,285,000	1,835,000	2,360,000	2,680,077	2,660,000	9,133,060	2,535,903	2,475,000	40,729,947	2,360,000	2,300,000	16,415,431	14,250,568	2,198,769	1,704,557	1,660,898	1,607,874	1,560,998	48,010,000	0	0	158,867,879		
<b>SERIES A</b>	<b>RATE</b>	<b>ORIGINAL BONDS OIS</b>	<b>SCHEDULED REDEMPTIONS</b>																						<b>TOTAL REDEMPT OIS</b>		
9/2030 TERM*	Variable	100,980,000	1,330,000	185,000	720,000	1,285,000	1,835,000	2,360,000	2,680,000	2,660,000	2,595,000	2,535,000	2,475,000	2,420,000	2,360,000	2,300,000	2,245,000	14,250,000	2,200,000	1,705,000	1,660,000	1,610,000	1,560,000	48,010,000	0	0	100,980,000
9/2037 TERM*	Variable	59,020,000	0	0	0	0	0	0	0	6,540,000				38,310,000				14,170,000	0	0	0	0	0	0	0	0	59,020,000
<b>TOTAL 2006 SERIES A</b>		<b>160,000,000</b>	<b>1,330,000</b>	<b>185,000</b>	<b>720,000</b>	<b>1,285,000</b>	<b>1,835,000</b>	<b>2,360,000</b>	<b>2,680,000</b>	<b>2,660,000</b>	<b>9,135,000</b>	<b>2,535,000</b>	<b>2,475,000</b>	<b>40,730,000</b>	<b>2,360,000</b>	<b>2,300,000</b>	<b>16,415,000</b>	<b>14,250,000</b>	<b>2,200,000</b>	<b>1,705,000</b>	<b>1,660,000</b>	<b>1,610,000</b>	<b>1,560,000</b>	<b>48,010,000</b>	<b>0</b>	<b>0</b>	<b>160,000,000</b>
<b>SERIES B</b>																											
3/2036 TERM	Variable/Taxable	40,000,000	20,360,000	195,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,555,000
<b>TOTAL 2006 SERIES B</b>		<b>40,000,000</b>	<b>20,360,000</b>	<b>195,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,555,000</b>
<b>TOTAL 2006 SERIES A AND B</b>		<b>200,000,000</b>	<b>21,690,000</b>	<b>380,000</b>	<b>720,000</b>	<b>1,285,000</b>	<b>1,835,000</b>	<b>2,360,000</b>	<b>2,680,000</b>	<b>2,660,000</b>	<b>9,135,000</b>	<b>2,535,000</b>	<b>2,475,000</b>	<b>40,730,000</b>	<b>2,360,000</b>	<b>2,300,000</b>	<b>16,415,000</b>	<b>14,250,000</b>	<b>2,200,000</b>	<b>1,705,000</b>	<b>1,660,000</b>	<b>1,610,000</b>	<b>1,560,000</b>	<b>48,010,000</b>	<b>0</b>	<b>0</b>	<b>180,555,000</b>

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
**BOND CALL SUMMARY**  
**HOME OWNERSHIP REVENUE BONDS 2007 C&D**  
(\$225,000,000 Delivered June 28, 2007)

CALL DATE:	3/1/2008	9/1/2008	3/1/2009	9/1/2009	11/17/2009	12/1/2009	12/8/2009	12/9/2009	3/1/2010	9/1/2010	12/1/2010	3/1/2011	7/21/2011	9/1/2011	3/1/2012	9/1/2012	3/1/2013	9/1/2013	3/1/2014	9/1/2014	3/1/2015	9/1/2015	3/1/2016	9/1/2016	3/1/2017	3/1/2019	TOTAL
DEPOSIT FROM:																											
EXCESS REVENUES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	985,000	19,770,000	0	0	0	10,615,000	0	2,960,000	0	0	0	0	34,330,000
PROCEEDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PREPAY	835,881	6,715,085	4,555,695	8,807,772	1,190,000	382,861	1,500,000	75,000	6,643,313	9,301,950	690,225	12,927,593	1,500,000	5,355,000	7,151,040	9,044,298	9,911,625	7,565,194	6,844,531	4,989,614	6,128,055	7,472,267	3,900,523	1,400,000	1,995,000	0	126,882,520
EXCESS PREPAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CROSS-CALL	0	0	0	0	0	0	0	0	0	7,190,000	4,710,000	0	0	0	14,930,000	0	0	0	0	0	4,145,000	3,375,000	0	0	0	0	34,350,000
TOTAL:	835,881	6,715,085	4,555,695	8,807,772	1,190,000	382,861	1,500,000	75,000	6,643,313	16,491,950	5,400,225	12,927,593	1,500,000	5,355,000	23,066,040	28,814,298	9,911,625	7,565,194	6,844,531	15,604,614	10,273,055	13,807,267	3,900,523	1,400,000	1,995,000	0	195,562,520

SERIES C (AMT)	RATE	ORIGINAL BONDS OIS	SCHEDULED REDEMPTIONS																								TOTAL REDEMPT OIS			
9/2017 TERM*	Variable	26,500,000	10,585,000												15,915,000													26,500,000		
9/2023 TERM*	Variable	22,575,000	0												0													22,575,000		
9/2028 TERM	5.125%	24,450,000	0												6,530,000	1,500,000												24,450,000		
9/2035 TERM*	Variable	46,805,000	0	130,000	1,245,000	2,010,000	2,740,000								3,410,000	3,610,000	0	3,480,000										46,805,000		
3/2038 TERM	5.200%	21,420,000	0	0	0	0	0	1,190,000	385,000	1,500,000	75,000	1,235,000	10,760,000	5,400,000	875,000													21,420,000		
<b>TOTAL SERIES C</b>		<b>141,750,000</b>	<b>10,585,000</b>	<b>130,000</b>	<b>1,245,000</b>	<b>2,010,000</b>	<b>2,740,000</b>	<b>1,190,000</b>	<b>385,000</b>	<b>1,500,000</b>	<b>75,000</b>	<b>4,645,000</b>	<b>14,370,000</b>	<b>5,400,000</b>	<b>10,865,000</b>	<b>1,500,000</b>	<b>3,380,000</b>	<b>21,150,000</b>	<b>3,200,000</b>	<b>8,110,000</b>	<b>5,825,000</b>	<b>5,170,000</b>	<b>13,995,000</b>	<b>8,725,000</b>	<b>12,325,000</b>	<b>2,475,000</b>	<b>735,000</b>	<b>0</b>	<b>0</b>	<b>141,750,000</b>

SERIES D (Taxable)																														
Sep-08	5.560%	505,000	505,000																									505,000		
Sep-08	5.560%	525,000	525,000																									525,000		
Mar-09	5.610%	535,000	535,000																									535,000		
Sep-09	5.610%	555,000	555,000																									555,000		
Mar-10	5.710%	565,000	565,000																									565,000		
Sep-10	5.710%	580,000	580,000																									580,000		
Mar-11	5.830%	600,000	600,000																									600,000		
Sep-11	5.830%	610,000	610,000																									610,000		
Mar-12	5.880%	630,000	630,000																									630,000		
Sep-12	5.880%	645,000	645,000																									645,000		
Mar-13	5.940%	670,000	670,000			260,000	410,000																					670,000		
Sep-13	5.940%	680,000	680,000			260,000	420,000																					680,000		
Mar-14	5.990%	700,000	700,000			310,000	390,000																					700,000		
Sep-14	5.990%	725,000	725,000			315,000	410,000																					725,000		
Mar-15	6.010%	745,000	745,000			745,000	0																					745,000		
Sep-15	6.010%	760,000	760,000			760,000	0																					760,000		
Mar-16	6.040%	790,000	790,000			790,000	0																					790,000		
Sep-16	6.040%	805,000	805,000			805,000	0																					805,000		
Mar-17	6.060%	835,000	835,000			310,000	525,000																					835,000		
Sep-17	6.060%	855,000	855,000			320,000	535,000																					855,000		
<b>TOTAL SERIES D SERIALS</b>		<b>13,315,000</b>	<b>2,120,000</b>	<b>630,000</b>	<b>4,785,000</b>	<b>1,320,000</b>	<b>4,460,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,315,000</b>

9/2027 TERM*	Variable	23,760,000	0	0	0	0	0	0	0	0	0	0	0	0	23,760,000	0	0	0	0	0	0	0	0	0	0	0	0	0	23,760,000	
9/2034 TERM*	Variable	27,445,000	0	75,000	685,000	1,225,000	1,605,000								2,045,000	0	1,975,000	1,915,000	1,855,000	1,800,000	1,740,000	1,675,000	1,610,000	1,545,000	1,485,000	1,425,000	665,000	0	27,445,000	
3/2038 TERM*	Variable	18,730,000	0	0	0	0	0								0	0	0	0	0	0	0	0	0	0	0	0	0	1,995,000	0	1,995,000
<b>TOTAL SERIES D</b>		<b>63,250,000</b>	<b>2,120,000</b>	<b>705,000</b>	<b>5,470,000</b>	<b>2,545,000</b>	<b>6,065,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>2,120,000</b>	<b>0</b>	<b>2,045,000</b>	<b>0</b>	<b>1,975,000</b>	<b>1,915,000</b>	<b>25,615,000</b>	<b>1,800,000</b>	<b>1,740,000</b>	<b>1,675,000</b>	<b>1,610,000</b>	<b>1,545,000</b>	<b>1,485,000</b>	<b>1,425,000</b>	<b>665,000</b>	<b>1,995,000</b>	<b>0</b>	<b>66,515,000</b>

<b>TOTAL 2007 C&amp;D</b>		<b>225,000,000</b>	<b>12,705,000</b>	<b>835,000</b>	<b>6,715,000</b>	<b>4,555,000</b>	<b>8,805,000</b>	<b>1,190,000</b>	<b>385,000</b>	<b>1,500,000</b>	<b>75,000</b>	<b>6,645,000</b>	<b>16,490,000</b>	<b>5,400,000</b>	<b>12,930,000</b>	<b>1,500,000</b>	<b>5,355,000</b>	<b>23,065,000</b>	<b>28,815,000</b>	<b>9,910,000</b>	<b>7,565,000</b>	<b>6,845,000</b>	<b>15,605,000</b>	<b>10,270,000</b>	<b>13,810,000</b>	<b>3,900,000</b>	<b>1,400,000</b>	<b>1,995,000</b>	<b>0</b>	<b>208,265,000</b>	<b>16,735,000</b>
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**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**BOND CALL SUMMARY**  
**HOME OWNERSHIP REVENUE BONDS 2016 ABC**  
(\$235,800,000 Delivered April 27, 2016)

CALL DATE:	9/1/2016	3/1/2017	9/1/2017	3/1/2018	9/1/2018	3/1/2019	<b>TOTAL</b>
DEPOSIT FROM:							
EXCESS REVENUES	0	0	0	0	0	0	0
PROCEEDS	0	0	0	0	0	0	0
EXCESS PREPAYMENTS	0	0	0	0	0	0	0
PRINCIPAL PAYMENTS	0	0	0	0	0	1,842,427.51	1,842,427.51
PREPAY	3,285,000	10,316,022	10,044,107	11,146,999	10,301,283	4,542,572.49	49,635,983.88
CROSS-CALL PREPAYMENTS	0	0	0	0	0	0	0
<b>TOTAL:</b>	<b>3,285,000</b>	<b>10,316,022</b>	<b>10,044,107</b>	<b>11,146,999</b>	<b>10,301,283</b>	<b>6,385,000</b>	<b>51,478,411</b>

<b>2016 SERIES A (AMT)</b>	<b>RATE</b>	<b>ORIGINAL BONDS O/S</b>	<b>SCHEDULED REDEMPTIONS</b>						<b>TOTAL REEMPT</b>	<b>TOTAL O/S</b>
<b>SERIALS</b>										
Sep-16	0.750%	2,550,000	2,550,000						2,550,000	0
Mar-17	0.850%	2,560,000	2,560,000						2,560,000	0
Sep-17	0.950%	2,565,000	2,565,000						2,565,000	0
Mar-18	1.150%	2,575,000	2,575,000						2,575,000	0
Sep-18	1.250%	2,590,000	2,590,000						2,590,000	0
Mar-19	1.450%	2,605,000	2,605,000						2,605,000	0
Sep-19	1.550%	2,625,000							0	2,625,000
Mar-20	1.650%	2,640,000							0	2,640,000
Sep-20	1.750%	2,665,000							0	2,665,000
Mar-21	1.900%	2,685,000							0	2,685,000
Sep-21	2.000%	2,710,000							0	2,710,000
Mar-22	2.250%	2,735,000							0	2,735,000
Sep-22	2.350%	2,765,000							0	2,765,000
Mar-23	2.450%	2,795,000							0	2,795,000
Sep-23	2.550%	2,830,000							0	2,830,000
Mar-24	2.700%	2,865,000							0	2,865,000
Sep-24	2.750%	2,905,000							0	2,905,000
Mar-25	2.800%	2,940,000							0	2,940,000
Sep-25	2.850%	2,985,000							0	2,985,000
Mar-26	3.000%	3,025,000							0	3,025,000
Sep-26	3.050%	3,070,000							0	3,070,000
<b>TOTAL SERIALS A</b>		<b>57,685,000</b>	<b>15,445,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,445,000</b>	<b>42,240,000</b>
9/2028 TERM*	3.300%	9,910,000	0	0	7,685,000	205,000	2,020,000		9,910,000	0
3/2046 TERM*PAC	3.500%	93,205,000	0	3,285,000	2,630,000	9,840,000	6,355,000	6,605,000	6,385,000	58,105,000
<b>TOTAL TERMS A</b>		<b>103,115,000</b>	<b>15,445,000</b>	<b>3,285,000</b>	<b>10,315,000</b>	<b>10,045,000</b>	<b>8,375,000</b>	<b>6,605,000</b>	<b>6,385,000</b>	<b>58,105,000</b>
<b>TOTAL SERIES A</b>		<b>160,800,000</b>	<b>15,445,000</b>	<b>3,285,000</b>	<b>10,315,000</b>	<b>10,045,000</b>	<b>8,375,000</b>	<b>6,605,000</b>	<b>6,385,000</b>	<b>100,345,000</b>
<b>2016 SERIES B (NON-AMT)</b>										
9/2030 TERM*	3.150%	15,000,000	0			2,770,000	3,695,000	0	6,465,000	8,535,000
<b>TOTAL SERIES B</b>		<b>15,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,770,000</b>	<b>3,695,000</b>	<b>-</b>	<b>6,465,000</b>	<b>8,535,000</b>
<b>2016 SERIES C (NON-AMT)</b>										
9/2030 TERM*	VARIABLE	60,000,000	0						0	60,000,000
<b>TOTAL SERIES C</b>		<b>60,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000,000</b>
<b>TOTAL 2007 C&amp;D</b>		<b>235,800,000</b>	<b>15,445,000</b>	<b>3,285,000</b>	<b>10,315,000</b>	<b>10,045,000</b>	<b>11,145,000</b>	<b>10,300,000</b>	<b>6,385,000</b>	<b>66,920,000</b>

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2017 BCD  
 (\$121,565,000 Closing Date October 24, 2017)

CALL DATE:	3/1/2018	9/1/2018	3/1/2019			<b>TOTAL</b>
DEPOSIT FROM:						
EXCESS REVENUES	0	0	0	0	0	0
PROCEEDS	0	0	0	0	0	0
EXCESS PREPAYMENTS						0
PRINCIPAL PAYMENTS	0	0	511,091.84	0	0	511,092
PREPAY	779,958.98	2,117,450	1,578,908.16	0	0	4,476,317
CROSS-CALL PREPAYMENTS	0	0	0	0	0	0
<b>TOTAL:</b>	<b>779,959</b>	<b>2,117,450</b>	<b>2,090,000.00</b>	<b>0</b>	<b>0</b>	<b>4,987,409</b>

<u>2017 SERIES B (AMT)</u> <u>SERIALS</u>	<u>RATE</u>	<u>ORIGINAL BONDS O/S</u>	<u>SCHEDULED REDEMPTIONS</u>				<u>TOTAL REDEMPT</u>	<u>TOTAL O/S</u>	<u>Annual Interest</u>
Mar-18	1.150%	865,000	865,000				865,000	0	0
Sep-18	1.250%	1,600,000	1,600,000				1,600,000	0	0
Mar-19	1.400%	1,615,000	1,615,000				1,615,000	0	0
Sep-19	1.500%	1,635,000					0	1,635,000	24,525
Mar-20	1.600%	1,655,000					0	1,655,000	26,480
Sep-20	1.700%	1,675,000					0	1,675,000	28,475
Mar-21	1.850%	1,695,000					0	1,695,000	31,358
Sep-21	2.000%	1,720,000					0	1,720,000	34,400
Mar-22	2.100%	1,745,000					0	1,745,000	261,876
Sep-22	2.150%	1,770,000					0	1,770,000	310,309
Mar-23	2.250%	1,795,000					0	1,795,000	314,691
Sep-23	2.350%	1,825,000					0	1,825,000	42,888
Mar-24	2.450%	1,855,000					0	1,855,000	45,448
Sep-24	2.550%	115,000					0	115,000	2,933
<b>TOTAL SERIALS B</b>		<b>21,565,000</b>	<b>4,080,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,080,000</b>	<b>17,485,000</b>	
<b>TOTAL SERIES B</b>		<b>21,565,000</b>	<b>4,080,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,080,000</b>	<b>17,485,000</b>	

<u>2017 SERIES C (NON-AMT)</u> <u>SERIALS</u>									
Sep-24	2.250%	1,770,000					0	1,770,000	39,825
Mar-25	2.350%	1,915,000					0	1,915,000	45,003
Sep-25	2.450%	1,945,000					0	1,945,000	47,653
Mar-26	2.550%	1,975,000					0	1,975,000	50,363
Sep-26	2.650%	2,010,000					0	2,010,000	53,265
Mar-27	2.750%	2,050,000					0	2,050,000	56,375
Sep-27	2.800%	2,085,000					0	2,085,000	58,380
Mar-28	2.900%	2,125,000		210,000	575,000		785,000	1,340,000	38,860
<b>TOTAL SERIALS C</b>		<b>15,875,000</b>	<b>0</b>	<b>210,000</b>	<b>575,000</b>	<b>0</b>	<b>785,000</b>	<b>15,090,000</b>	
3/2048 TERM* PAC	4.000%	44,125,000		565,000	1,545,000	2,090,000	4,200,000	39,925,000	
<b>TOTAL TERMS C</b>		<b>44,125,000</b>	<b>0</b>	<b>565,000</b>	<b>1,545,000</b>	<b>2,090,000</b>	<b>4,200,000</b>	<b>39,925,000</b>	
<b>TOTAL SERIES C</b>		<b>60,000,000</b>	<b>-</b>	<b>775,000</b>	<b>2,120,000</b>	<b>2,090,000</b>	<b>4,985,000</b>	<b>55,015,000</b>	

<u>2017 SERIES D (NON-AMT)</u> <u>9/2037 TERM*</u>	<u>SWAP/VARIABLE</u>							
TOTAL TERMS D		40,000,000	0	0	0	0	0	40,000,000
<b>TOTAL SERIES D</b>		<b>40,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000,000</b>

<b>TOTAL 2007 C&amp;D</b>	<b>121,565,000</b>	<b>4,080,000</b>	<b>775,000</b>	<b>2,120,000</b>	<b>2,090,000</b>	<b>0</b>	<b>0</b>	<b>9,065,000</b>	<b>112,500,000</b>
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SPECIAL REDEMPTION BALANCE (775,000.00) (2,895,000.00) (4,985,000.00) (4,985,000.00) (4,985,000.00)



WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2018 DE  
 (\$125,000,000 Closed September 13, 2018)

CALL DATE:	3/1/2019					<b>TOTAL</b>
DEPOSIT FROM:						
EXCESS REVENUES	0	0	0	0	0	0
PROCEEDS	0	0	0	0	0	0
PREPAY	0	0	0	0	0	0
EXCESS PREPAY	0	0	0	0	0	0
CROSS-CALL	0	0	0	0	0	0
TOTAL:	0	0	0	0	0	0

<u>2018 SERIES D (NON-AMT)</u>	<u>RATE</u>	<u>ORIGINAL BONDS OIS</u>	<u>SCHEDULED REDEMPTIONS</u>						<u>TOTAL REDEMPT</u>	<u>TOTAL OIS</u>
<u>SERIALS</u>										
Mar-19	1.650%	770,000	770,000						770,000	0
Sep-19	1.750%	1,335,000							0	1,335,000
Mar-20	1.850%	1,370,000							0	1,370,000
Sep-20	1.950%	1,395,000							0	1,395,000
Mar-21	2.050%	1,425,000							0	1,425,000
Sep-21	2.100%	1,465,000							0	1,465,000
Mar-22	2.150%	1,505,000							0	1,505,000
Sep-22	2.200%	1,550,000							0	1,550,000
Mar-23	2.250%	1,590,000							0	1,590,000
Sep-23	2.350%	1,630,000							0	1,630,000
Mar-24	2.500%	1,680,000							0	1,680,000
Sep-24	2.550%	1,725,000							0	1,725,000
Mar-25	2.650%	1,770,000							0	1,770,000
Sep-25	2.750%	1,820,000							0	1,820,000
Mar-26	2.900%	1,760,000							0	1,760,000
Sep-26	2.950%	1,740,000							0	1,740,000
Mar-27	3.050%	1,715,000							0	1,715,000
Sep-27	3.100%	1,705,000							0	1,705,000
Mar-28	3.150%	1,695,000							0	1,695,000
Sep-28	3.200%	1,630,000							0	1,630,000
Mar-29	3.250%	1,665,000								1,665,000
Sep-29	3.300%	1,810,000								1,810,000
Mar-30	3.400%	1,840,000								1,840,000
Sep-30	3.450%	1,885,000							0	1,885,000
TOTAL SERIALS D		38,475,000	770,000	0	0	0	0	0	770,000	37,705,000
9/1/2033 TERM*	3.550%	11,575,000	0						0	11,575,000
3/1/2047 TERM*PAC	4.000%	47,500,000	0						0	47,500,000
TOTAL TERMS D		59,075,000	770,000	0	0	0	0	0	770,000	59,075,000
<b>TOTAL SERIES D</b>		<b>97,550,000</b>	<b>770,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>770,000</b>	<b>96,780,000</b>
<u>2018 SERIES E (NON-AMT)</u>										
9/1/2039 VRDO Term*	SWAP/VARIABLE	27,450,000	0						0	27,450,000
TOTAL TERMS E		27,450,000	-	-	-	-	-	-	-	27,450,000
<b>TOTAL 2018 D&amp;E</b>		<b>125,000,000</b>	<b>770,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>770,000</b>	<b>124,230,000</b>

WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY  
 BOND CALL SUMMARY  
 HOME OWNERSHIP REVENUE BONDS 2019 AB  
 (\$165,000,000 Closing Date March 28, 2019)

CALL DATE:	DATE						<b>TOTAL</b>
DEPOSIT FROM:							
EXCESS REVENUES		0	0	0	0	0	0
PROCEEDS		0	0	0	0	0	0
PREPAY		0	0	0	0	0	0
EXCESS PREPAY		0	0	0	0	0	0
CROSS-CALL		0	0	0	0	0	0
TOTAL:		0	0	0	0	0	0

<u>2019 SERIES A (NON-AMT)</u>	<u>RATE</u>	<u>ORIGINAL BONDS OIS</u>	<u>SCHEDULED REDEMPTIONS</u>						<u>TOTAL REDEMPT</u>	<u>TOTAL OIS</u>
<u>SERIALS</u>										
Sep-19	1.650%	880,000							0	880,000
Mar-20	1.700%	1,405,000							0	1,405,000
Sep-20	1.750%	1,425,000							0	1,425,000
Mar-21	1.800%	1,445,000							0	1,445,000
Sep-21	1.850%	1,470,000							0	1,470,000
Mar-22	1.900%	1,495,000							0	1,495,000
Sep-22	1.950%	1,515,000							0	1,515,000
Mar-23	2.050%	1,540,000							0	1,540,000
Sep-23	2.050%	1,570,000							0	1,570,000
Mar-24	2.150%	1,595,000							0	1,595,000
Sep-24	2.150%	1,625,000							0	1,625,000
Mar-25	2.200%	1,655,000							0	1,655,000
Sep-25	2.250%	1,685,000							0	1,685,000
Mar-26	2.350%	1,715,000							0	1,715,000
Sep-26	2.450%	1,750,000							0	1,750,000
Mar-27	2.550%	1,785,000							0	1,785,000
Sep-27	2.600%	1,820,000							0	1,820,000
Mar-28	2.750%	1,860,000							0	1,860,000
Sep-28	2.800%	1,900,000							0	1,900,000
Mar-29	2.900%	1,940,000							0	1,940,000
Sep-29	2.950%	1,980,000							0	1,980,000
Mar-30	3.000%	2,025,000							0	2,025,000
Sep-30	3.050%	2,070,000							0	2,070,000
<b>TOTAL SERIALS D</b>		<b>38,150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,150,000</b>
<b>2019 SERIES A (NON-AMT) TERM BONDS</b>										
9/2035 TERM	3.500%	21,220,000	0						0	21,220,000
3/2048 TERM* PAC	4.250%	55,630,000	0						0	55,630,000
<b>TOTAL TERMS D</b>		<b>76,850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>76,850,000</b>
<b>TOTAL SERIES A</b>		<b>115,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>115,000,000</b>
<b>2019 SERIES B (NON-AMT)</b>										
3/2043 TERM*	<b>SWAP/VARIABLE</b>	50,000,000	0	0	0	0			0	50,000,000
<b>TOTAL TERMS B</b>		<b>50,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000,000</b>
<b>TOTAL SERIES B</b>		<b>50,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000,000</b>
<b>TOTAL 2019 A&amp;B</b>		<b>165,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>165,000,000</b>

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY**  
**BOND CALL SUMMARY**  
**HOME OWNERSHIP Mortgage REVENUE BONDS 2009 A-1 and 2010 A**  
(\$100,000,000 Delivered November 16, 2010)

CALL DATE:	10/1/2011	4/1/2012	10/1/2012	4/1/2013	10/1/2013	4/1/2014	10/1/2014	4/1/2015	10/1/2015	4/1/2016	10/1/2016	4/1/2017	10/1/2017	4/1/2018	10/1/2018	TOTAL
DEPOSIT FROM:																
EXCESS REVENUES	0	0	-	0	500,000	340,000	1,000,000	500,000	500,000	500,000	300,000	250,000	200,000	555,000	690,000	5,335,000
EXCESS PRINCIPAL	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
PREPAY	270,201	809,417	3,324,885	5,426,786	5,129,079	4,800,411	1,715,437	3,141,567	5,682,268	4,332,131	4,439,263	6,748,944	4,186,953	3,074,967	2,495,316	55,577,624
TOTAL:	270,201	809,417	3,324,885	5,426,786	5,629,079	5,140,411	2,715,437	3,641,567	6,182,268	4,832,131	4,739,263	6,998,944	4,386,953	3,629,967	3,185,316	60,912,624

SERIES A	RATE	ORIGINAL BONDS OIS	SCHEDULED REDEMPTIONS															TOTAL REDEMPT	TOTAL OIS	
Oct-11	0.65%	675,000	675,000															675,000	0	
Apr-12	0.85%	870,000	870,000															870,000	0	
Oct-12	1.00%	880,000	875,000	5,000														880,000	0	
Apr-13	1.15%	885,000	850,000	5,000	30,000													885,000	0	
Oct-13	1.35%	900,000	865,000	5,000	30,000													900,000	0	
Apr-14	1.65%	905,000	870,000	5,000	30,000													905,000	0	
Oct-14	1.75%	920,000	885,000	5,000	30,000													920,000	0	
Apr-15	2.00%	930,000	895,000	5,000	30,000													930,000	0	
Oct-15	2.10%	950,000	885,000	5,000	30,000			30,000										950,000	0	
Apr-16	2.35%	960,000	800,000	5,000	30,000			30,000	95,000									960,000	0	
Oct-16	2.45%	980,000	815,000	5,000	35,000			30,000	95,000									980,000	0	
Apr-17	2.65%	995,000	745,000	5,000	35,000			30,000	100,000	80,000								995,000	0	
Oct-17	2.70%	1,015,000	675,000	5,000	35,000			35,000	100,000	80,000	85,000							1,015,000	0	
Apr-18	3.00%	1,035,000	520,000	5,000	35,000			35,000	105,000	85,000	90,000	160,000						1,035,000	0	
Oct-18	3.00%	1,055,000	435,000	5,000	35,000			35,000	105,000	85,000	90,000	165,000	100,000					1,055,000	0	
Apr-19	3.20%	1,080,000		5,000	35,000			35,000	110,000	90,000	95,000	170,000	100,000					640,000	440,000	
Oct-19	3.20%	1,095,000		10,000	35,000			35,000	110,000	90,000	95,000	170,000	105,000					650,000	445,000	
Apr-20	3.45%	1,130,000		10,000	35,000			35,000	110,000	90,000	100,000	175,000	110,000					665,000	465,000	
Oct-20	3.45%	1,150,000		10,000	40,000			35,000	115,000	95,000	100,000	180,000	110,000					685,000	465,000	
<b>TOTAL SERIES A SERIALS</b>		<b>18,410,000</b>	<b>11,660,000</b>	<b>0</b>	<b>100,000</b>	<b>530,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>365,000</b>	<b>1,045,000</b>	<b>695,000</b>	<b>655,000</b>	<b>1,020,000</b>	<b>525,000</b>	<b>0</b>	<b>0</b>	<b>8,680,000</b>	<b>1,815,000</b>
10/2025 TERM	4.200%	8,420,000	0	25,000	55,000	275,000				275,000	840,000	685,000	730,000	1,310,000	795,000	1,060,000	925,000	6,975,000	1,445,000	
4/2028 TERM	4.400%	5,170,000	0	15,000	35,000	170,000	1,480,000	1,500,000	1,360,000	420,000	190,000							5,170,000	0	
4/2028 TERM P#	4.500%	8,000,000	0	70,000	135,000	350,000	690,000	750,000	700,000	665,000	630,000	590,000	550,000	515,000	470,000	435,000	390,000	350,000	7,290,000	710,000
<b>TOTAL 2010 A BONDS</b>		<b>41,150,000</b>	<b>11,660,000</b>	<b>110,000</b>	<b>325,000</b>	<b>1,325,000</b>	<b>2,170,000</b>	<b>2,250,000</b>	<b>2,060,000</b>	<b>1,085,000</b>	<b>1,460,000</b>	<b>2,475,000</b>	<b>1,930,000</b>	<b>1,900,000</b>	<b>2,800,000</b>	<b>1,755,000</b>	<b>1,450,000</b>	<b>1,275,000</b>	<b>28,115,000</b>	<b>3,970,000</b>
<b>10/2041 TERM (2009A-1)</b>																				
<b>TOTAL 2009-A TERM BONDS</b>	3.010%	<b>60,000,000</b>	<b>0</b>	<b>160,000</b>	<b>480,000</b>	<b>2,000,000</b>	<b>3,260,000</b>	<b>3,380,000</b>	<b>3,080,000</b>	<b>1,630,000</b>	<b>2,180,000</b>	<b>3,710,000</b>	<b>2,900,000</b>	<b>2,840,000</b>	<b>4,200,000</b>	<b>2,630,000</b>	<b>2,180,000</b>	<b>1,910,000</b>	<b>36,540,000</b>	<b>23,460,000</b>
<b>TOTAL 2009 A-1 and 2010 SERIES A</b>		<b>101,150,000</b>	<b>11,660,000</b>	<b>270,000</b>	<b>805,000</b>	<b>3,325,000</b>	<b>5,430,000</b>	<b>5,630,000</b>	<b>5,140,000</b>	<b>2,715,000</b>	<b>3,640,000</b>	<b>6,185,000</b>	<b>4,830,000</b>	<b>4,740,000</b>	<b>7,000,000</b>	<b>4,385,000</b>	<b>3,630,000</b>	<b>3,185,000</b>	<b>64,655,000</b>	<b>27,430,000</b>

**WISCONSIN HOUSING AND ECONOMIC DEVELOPMENT AUTHORITY****BOND CALL SUMMARY****HOME OWNERSHIP Mortgage REVENUE BONDS 2017 A**

(\$93,022,848 Delivered June 28, 2017)

<b>Call Date</b>	<b>Call Amount</b>	<b>Bonds Outstanding</b>
		<b>93,022,848.00</b>
8/1/2017	196,816.27	92,826,031.73
9/1/2017	143,750.89	92,682,280.84
10/1/2017	148,513.30	92,533,767.54
11/1/2017	278,099.46	92,255,668.08
12/1/2017	286,709.43	91,968,958.65
1/1/2018	173,137.58	91,795,821.07
2/1/2018	270,884.24	91,524,936.83
3/1/2018	305,017.56	91,219,919.27
4/1/2018	149,215.40	91,070,703.87
5/1/2018	148,763.66	90,921,940.21
6/1/2018	714,869.84	90,207,070.37
7/1/2018	510,350.77	89,696,719.60
8/1/2018	390,299.55	89,306,420.05
9/1/2018	399,446.38	88,906,973.67
10/1/2018	474,741.93	88,432,231.74
11/1/2018	579,308.47	87,852,923.27
12/1/2018	691,472.03	87,161,451.24
1/1/2019	747,864.66	86,413,586.58
2/1/2019	466,955.90	85,946,630.68
3/1/2019	147,431.67	85,799,199.01
4/1/2019	0.00	85,799,199.01
5/1/2019	0.00	85,799,199.01
6/1/2019	0.00	85,799,199.01
7/1/2019	0.00	85,799,199.01
8/1/2019	0.00	85,799,199.01
9/1/2019	0.00	85,799,199.01
10/1/2019	0.00	85,799,199.01
11/1/2019	0.00	85,799,199.01
12/1/2019	0.00	85,799,199.01
1/1/2020	0.00	85,799,199.01
2/1/2020	0.00	85,799,199.01
3/1/2020	0.00	85,799,199.01
4/1/2020	0.00	85,799,199.01
5/1/2020	0.00	85,799,199.01
6/1/2020	0.00	85,799,199.01
7/1/2020	0.00	85,799,199.01
8/1/2020	0.00	85,799,199.01
9/1/2020	0.00	85,799,199.01
10/1/2020	0.00	85,799,199.01
11/1/2020	0.00	85,799,199.01
12/1/2020	0.00	85,799,199.01
1/1/2021	0.00	85,799,199.01
2/1/2021	0.00	85,799,199.01
3/1/2021	0.00	85,799,199.01
4/1/2021	0.00	85,799,199.01
5/1/2021	0.00	85,799,199.01
6/1/2021	0.00	85,799,199.01
7/1/2021	0.00	85,799,199.01
8/1/2021	0.00	85,799,199.01
9/1/2021	0.00	85,799,199.01