Par Amount of

Bonds Issued

Moody's Rating

as of 3/31/19

3/31/2018

3/31/2018

Bonds and Notes Outstanding Ratings Report Fiscal Years Ending 2018 and 2019



Disclaimer: Ratings were obtained from Moody's Investors Service, Inc., Standard & Poor's Financial Services LLC and Fitch Ratings Ltd. websites. Permission for reproduction and distribution of this information was obtained from all three agencies for the purpose of this report only. Any other reproduction and distribution of this information in any form is prohibited.

Key:

WR = Rating Withdrawn⁽¹⁾

NR - DASNY/Client did not request rating from this rating agency.

BOLD - rating changed

BLUE - Issued after 3/31/18

RED - Issue no longer outstanding as of 3/31/19

NA - not applicable

GREEN - Reoffered. Rating at 3/31/18 reflects rating prior to reoffering.

RATINGS	
S&P Rating	Fitch Rating

as of 3/31/19

3/31/2018

as of 3/31/19

DASNY DEBT ISSUANCES:

HEALTH CARE:

\$ 13,355,000	Aa1	Aa1	NR	NR	NR	NR
27,000,000	Aa3/VMIG-1	Aa3/VMIG-1	NR	NR	NR	NR
7,845,000	NR	NR	NR	NR	NR	NR
2,000,000	NR	NR	NR	NR	NR	NR
36,510,000	Aa3	WR	NR	NR	NR	NR
32,911,000	NR	NR	NR	NR	NR	NR
25,750,000	Aa1	Aa1	NR	NR	AA-	AA-
51,775,000	NR	NR	AA+	WR	NR	NR
51,950,000	Baa1	Baa1	A-	A-	A-	A-
13,360,000	A1/VMIG-1	Aa3/VMIG-1	NR	NR	NR	NR
		(6/22/18)				
30,295,000	A1/VMIG-1	Aa3/VMIG-1	NR	NR	NR	NR
		(6/22/18)				
16,730,000	A1/VMIG-1		NR	NR	NR	NR
8,435,000	A1/VMIG-1		NR	NR	NR	NR
24,700,000	A1/VMIG-1		NR	NR	NR	NR
44.005.000	D 4		DDD.	DDD.	DDD	DDD
						BBB
<u> </u>						BBB
19,585,000	NK	NK	NK	NK	NR	NR
14,680,000	A1/VMIG-1	Aa3/VMIG-1	NR	NR	NR	NR
	27,000,000 7,845,000 2,000,000 36,510,000 32,911,000 25,750,000 51,950,000 13,360,000 16,730,000 8,435,000 24,700,000 14,235,000 3,080,000 19,585,000	27,000,000 Aa3/VMIG-1 7,845,000 NR 2,000,000 NR 36,510,000 Aa3 32,911,000 NR 25,750,000 Aa1 51,775,000 NR 51,950,000 Baa1 13,360,000 A1/VMIG-1 16,730,000 A1/VMIG-1 8,435,000 A1/VMIG-1 24,700,000 A1/VMIG-1 14,235,000 Baa1 3,080,000 Baa1 3,080,000 Baa1 3,080,000 Baa1 19,585,000 NR	27,000,000 Aa3/VMIG-1 Aa3/VMIG-1 7,845,000 NR NR 2,000,000 NR NR 36,510,000 Aa3 WR 32,911,000 NR NR 25,750,000 Aa1 Aa1 51,775,000 NR NR 51,950,000 Baa1 Baa1 13,360,000 A1/VMIG-1 Aa3/VMIG-1 (6/22/18) 30,295,000 A1/VMIG-1 Aa3/VMIG-1 (6/22/18) 8,435,000 A1/VMIG-1 Aa3/VMIG-1 (6/22/18) 8,435,000 A1/VMIG-1 Aa3/VMIG-1 (6/22/18) 24,700,000 A1/VMIG-1 Aa3/VMIG-1 (6/22/18) 24,700,000 Baa1 Baa1 14,235,000 Baa1 Baa1 3,080,000 Baa1 Baa1 19,585,000 NR NR	27,000,000 Aa3/VMIG-1 Aa3/VMIG-1 NR 7,845,000 NR NR NR 2,000,000 NR NR NR 36,510,000 Aa3 WR NR 32,911,000 NR NR NR 25,750,000 Aa1 Aa1 NR 51,950,000 Baa1 Baa1 A- 13,360,000 A1/VMIG-1 Aa3/VMIG-1 NR (6/22/18) NR NR NR 16,730,000 A1/VMIG-1 Aa3/VMIG-1 NR (6/22/18) NR NR NR 16,730,000 A1/VMIG-1 Aa3/VMIG-1 NR (6/22/18) NR NR NR 24,700,000 A1/VMIG-1 Aa3/VMIG-1 NR (6/22/18) NR NR NR 14,235,000 Baa1 Baa1 BBB+ 3,080,000 Baa1 Baa1 BBB+ 19,585,000 NR NR NR	27,000,000 Aa3/VMIG-1 Aa3/VMIG-1 NR NR 7,845,000 NR NR NR NR 2,000,000 NR NR NR NR 36,510,000 Aa3 WR NR NR 32,911,000 NR NR NR NR 25,750,000 Aa1 Aa1 NR NR 51,775,000 NR NR AA+ WR 51,950,000 Baa1 Baa1 A- A- 13,360,000 A1/VMIG-1 Aa3/VMIG-1 NR NR 30,295,000 A1/VMIG-1 Aa3/VMIG-1 NR NR 16,730,000 A1/VMIG-1 Aa3/VMIG-1 NR NR 8,435,000 A1/VMIG-1 Aa3/VMIG-1 NR NR 24,700,000 A1/VMIG-1 Aa3/VMIG-1 NR NR 14,235,000 Baa1 Baa1 BB+ BB+ 3,080,000 Baa1 Baa1 BB+ BB+ 19,585,000<	27,000,000 Aa3/VMIG-1 Aa3/VMIG-1 NR NR NR NR 7,845,000 NR NR NR NR NR NR NR 2,000,000 NR NR NR NR NR NR NR NR 36,510,000 Aa3 WR NR NR NR NR 32,911,000 NR NR NR NR NR NR NR 25,750,000 Aa1 Aa1 NR NR NR NR 51,775,000 NR NR NR AA+ WR NR 51,950,000 Baa1 Baa1 A- A- A- A- 13,360,000 A1/VMIG-1 Aa3/VMIG-1 NR NR NR NR 16,730,000 A1/VMIG-1 Aa3/VMIG-1 NR NR NR NR 8,435,000 A1/VMIG-1 Aa3/VMIG-1 NR NR NR NR 24,700,000 Baa1 Baa1 Baa1 NR NR NR NR 14,235,000 Baa1 Baa1 BaB+ BBB+ BBB 3,080,000 Baa1 Baa1 BaB+ BBB+ BBB 3,080,000 Baa1 Baa1 BaB+ BBB+ BBB 19,585,000 NR NR NR NR NR NR

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GREEN

RATINGS S&P Rating

ged	Par Amount of	Moody's Rating		S&P Rating		Fitch Rating		_
3/31/18 per outstanding as of 3/31/19 Rating at 3/31/18 reflects rating prior to reoffering.	Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	-
ookdale Family Care Center/St. Mary's Center) Revenue Bonds. Series 2006 (SONYMA)	21.900.000	Aa1	Aa1	NR	NR	NR	NR	

 Health Center (Brookdale Family Care Center/St. Mary's Center) Revenue Bonds, Series 2006 (SONYMA) 	21,900,000	Aa1	Aa1	NR	NR	NR	NR
Health Quest Systems, Inc. Obligated Group Revenue Bonds, Series 2007A (Assured)	14,280,000	A3	A3	AA	AA	NR	NR
Health Quest Systems, Inc. Obligated Group Revenue Bonds, Series 2007C (Federally Taxable) (Assured)	7,755,000	A3	A3	AA	AA	NR	NR
Highland Community Development Corporation Revenue Bonds, 1994B Issue (HSBC LOC)	13,000,000	A1/VMIG-1	Aa3/VMIG-1 (6/22/18)	AA-/A-1+	AA-/A-1+	NR	NR
Highland Hospital of Rochester Revenue Bonds, Series 2010	11,000,000	A2	A2	А	Α	NR	NR
Hospital for Special Surgery FHA-Insured Mortgage Hospital Revenue Bonds, Series 2009 (FHA)	82,955,000	Aa2	WR	AA+	WR	NR	NR
л							
Memorial Sloan-Kettering Cancer Center Revenue Bonds, Series 1998 (MBIA)	150,000,000	Aa3	Aa3	AA-	AA-	AA	AA
Memorial Sloan-Kettering Cancer Center Revenue Bonds, Series 2008A1	161,990,000	Aa3	WR	AA-	WR	AA	WR
Memorial Sloan-Kettering Cancer Center Revenue Bonds, Series 2008A2	281,165,000	Aa3	WR	AA-	WR	AA	WR
Memorial Sloan-Kettering Cancer Center Revenue Bonds, Series 2012	89,525,000	Aa3	Aa3	AA-	AA-	AA	AA
Memorial Sloan-Kettering Cancer Center Private Placement Bonds, 2010 Series 1	80,000,000	NR	NR	NR	NR	NR	NR
Memorial Sloan-Kettering Cancer Center Revenue Bonds, 2012 Series 1	262,265,000	Aa3	Aa3	AA-	AA-	AA	AA
Memorial Sloan-Kettering Cancer Center Private Placement Bonds, 2016 Series 1	110,000,000	NR	NR	NR	NR	NR	NR
Memorial Sloan-Kettering Cancer Center Revenue Bonds, 2017 Series 1	294,420,000	Aa3	Aa3	AA-	AA-	AA	AA
Miriam Osborn Memorial Home Association Revenue Bonds, Series 2012	45,115,000	NR	NR	NR	NR	A-	A-
Montefiore Medical Center FHA-Insured Mortgage Hospital Revenue Bonds, Series 2008 (FHA)	126,000,000	Baa2	WR	A-	WR	NR	NR
Montefiore Obligated Group Revenue Bonds, Series 2018A	309,045,000	Post 3/31/18	Baa2	Post 3/31/18	BBB	Post 3/31/18	NR
• Montefiore Obligated Group Revenue Bonds, Series 2018B (Taxable) (partial Assured)	376,105,000	Post 3/31/18	Baa2	Post 3/31/18	BBB	Post 3/31/18	NR
Mount Sinai Hospital Obligated Group Revenue Bonds, Series 2010A	331,195,000	A3	A3	A-	A-	A	A
Mount Sinai Hospital Obligated Group Revenue Bonds, Series 2011A	65,390,000	A3	A3	A-	A-	A	А
· · · · · · · · · · · · · · · · · · ·							
 North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2007B 	123,265,000	A3	А3	NR	NR	А	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2009A	235,615,000	A3	A3	A-	A-	A	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2009B (reoffered 6/27/12)	50,000,000	A3	A3	A-	A-	A	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2009C (reoffered 6/27/12)	37,500,000	A3	A3	A-	A-	A	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2009D (reoffered 6/27/12)	37,500,000	A3	A3	A-	A-	A	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2009E	60,890,000	A3	A3	A-	A-	A	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2011A	392,200,000	A3	A3	A-	Α-	Α	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2012A	48,930,000	A3	A3	A-	A-	A	A- (6/5/18)
North Shore-Long Island Jewish Obligated Group Revenue Bonds, Series 2015A	503,640,000	A3	A3	A-	A-	A	A- (6/5/18)
Northern Westchester Hospital Association Revenue Bonds, Series 2009 (TD Bank LOC)	17,000,000	Aa3/VMIG-1	Aa3/VMIG-1	NR	NR	NR	NR
Nottingham Retirement Community, Inc. Revenue Bonds, Series 2010A (SONYMA)	14,015,000	Aa1	Aa1	NR	NR	NR	NR
NYU Hospitals Center Revenue Bonds, Series 2011A	130,930,000	A3	A3	A-	A-	A-	A-
NYU Hospitals Center Revenue Bonds, Series 2014	77,700,000	A3	A3	A-	A-	A-	A-
NYU Hospitals Center Revenue Bonds, Series 2014 (dated January 2015)	117,310,000	A3	A3	A-	A-	A-	A-
NYU Hospitals Center Revenue Bonds, Series 2016A	157,270,000	A3	A3	A-	A-	A-	A-
Orange Regional Medical Center Obligated Group Revenue Bonds, Series 2008	261,345,000	Baa3	WR	NR	NR	WR	WR
Orange Regional Medical Center Obligated Group Revenue Bonds, Series 2015	66,100,000	Baa3	Baa3	BBB-	BBB-	WR	WR
Orange Regional Medical Center Obligated Group Revenue Bonds, Series 2017	237,100,000	Baa3	Baa3	BBB-	BBB-	WR	WR
Ozanam Hall of Queens Nursing Home, Inc. Revenue Bonds, Series 2006 (Allied Irish LOC)	39,475,000	A3	A2 (7/25/18)	NR	NR	NR	NR

Nottingham Retirement Community, Inc. Revenue Bonds, Series 2010A (SONYMA)	14,015,000	Aa1	Aa1	NR	NR	NR	NR
NYU Hospitals Center Revenue Bonds, Series 2011A	130,930,000	A3	A3	A-	A-	A-	A-
NYU Hospitals Center Revenue Bonds, Series 2014	77,700,000	A3	A3	A-	A-	A-	A-
NYU Hospitals Center Revenue Bonds, Series 2014 (dated January 2015)	117,310,000	A3	A3	A-	A-	A-	A-
NYU Hospitals Center Revenue Bonds, Series 2016A	157,270,000	А3	A3	A-	A-	A-	A-
Orange Regional Medical Center Obligated Group Revenue Bonds, Series 2008	261,345,000	Baa3	WR	NR	NR	WR	WR
Orange Regional Medical Center Obligated Group Revenue Bonds, Series 2015	66,100,000	Baa3	Baa3	BBB-	BBB-	WR	WR
Orange Regional Medical Center Obligated Group Revenue Bonds, Series 2017	237,100,000	Baa3	Baa3	BBB-	BBB-	WR	WR
Ozanam Hall of Queens Nursing Home, Inc. Revenue Bonds, Series 2006 (Allied Irish LOC)	39,475,000	A3	A2 (7/25/18)	NR	NR	NR	NR

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RATINGS Moody's Rating S&P Rating Par Amount of

3/31/2018

as of 3/31/19

as of 3/31/19

3/31/2018

Bonds Issued

Parker Javiah Institute for Health Care and Rehabilitation Brivete Blacement Bonds, Series 2016	39,027,095	NR	NR	NR	NR	NR	NR
 Parker Jewish Institute for Health Care and Rehabilitation Private Placement Bonds, Series 2016 Providence Rest Private Placement Bonds, Series 2016 	22,821,500	NR NR	NR	NR NR	NR NR	NR	NR
Flovidence Nest Flivate Flacement Bonds, Series 2010	22,021,300	INIX	INIX	INIX	IVIX	INIX	INIX
St. Mary's Hospital for Children Private Placement Bonds, Series 2010	102,200,000	NR	NR	NR	NR	NR	NR
Samaritan Medical Center Revenue Bonds, Series 2009B (HSBC LOC)	23,945,000	A1/VMIG-1	WR	NR	NR	NR	NR
Secured Hospital Revenue Refunding Bonds (North General Hospital), Series 2003	138,135,000	NR	NR	AA	AA	AA	AA
Secured Hospital Revenue Refunding Bonds (Interfaith Medical Center), Series 2007	122,475,000	NR	NR	AA	AA	NR	NR
Secured Hospital Revenue Refunding Bonds (New York Downtown Hospital), Series 2011 ⁽²⁾	32,570,000	Aa2	Aa2	AA	AA	AA	AA
Secured Hospital Revenue Refunding Bonds (Wyckoff Heights Medical Center), Series 2015	58,875,000	NR	NR	AA	AA	AA	AA
Silvercrest Center for Nursing and Rehabilitation Private Placement Bonds, Series 2017	15,766,981	NR	NR	NR	NR	NR	NR
Teresian House Housing Corporation Revenue Bonds, Series 2003 (remarketed in 2009) (M&T LOC)	18,740,000	NR	NR	A/A-1	A/A-1	NR	NR
United Health Services Hospitals, Inc. Private Placement Bonds, Series 2010	20,000,000	NR	NR	NR	NR	NR	NR
United Health Services Hospitals, Inc. Obligated Group Private Placement Bonds, Series 2015	22,900,000	NR	NR	NR	NR	NR	NR
853 School Program Private Placement Bonds, Summit School, Series 2010	7,470,000	NR	NR	NR	NR	NR	NR
853 School Program Insured Revenue Bonds, McQuade Foundation, Series 2005 (Ambac) 853 Ochool Program Insured Revenue Bonds, McQuade Foundation, Series 2005 (Ambac)	9,620,000	WR	WR	WR	WR	NR NB	NR
• 853 Schools Program Private Placement Bonds, Ketchum-Grande Memorial School, Series 2014	4,740,000	NR	NR	NR	NR	NR	NR
4201 Schools Program Revenue Bonds (New York School for the Deaf), Series 1998 (State Appropriation)	14,225,000	Aa3	WR	AA	WR	NR	NR
4201 Schools Program Revenue Bonds (Rochester School for the Deaf), Series 2000 (State Appropriation)		NR	NR				
	13,745,000	1417		AA	WR	NR	NR
	13,745,000	NIX		AA	WR	NR	NR
	22,745,000 22,745,000	Aa1	Aa1	NR	NR NR	NR NR	NR NR
Albany Public Library Insured Revenue Bonds, Series 2016 (Ambac) Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A							NR
	22,745,000	Aa1	Aa1	NR	NR	NR	NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A	22,745,000 32,300,000	Aa1 NR	Aa1 NR	NR NR	NR NR	NR NR	NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000	Aa1 NR NR NR Post 3/31/18	Aa1 NR NR NR NR	NR NR NR NR Post 3/31/18	NR NR NR NR	NR NR NR NR Post 3/31/18	NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000	Aa1 NR NR NR	Aa1 NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000	Aa1 NR NR NR Post 3/31/18 Post 3/31/18	Aa1 NR NR NR NR	NR NR NR NR Post 3/31/18 Post 3/31/18	NR NR NR NR NR	NR NR NR NR Post 3/31/18 Post 3/31/18	NR NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B Bank Street College of Education Private Placement Bonds, Series 2017A	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000	Aa1 NR NR NR Post 3/31/18 Post 3/31/18	Aa1 NR NR NR NR NR NR NR	NR NR NR NR Post 3/31/18 Post 3/31/18	NR NR NR NR NR NR NR	NR NR NR NR Post 3/31/18 Post 3/31/18	NR NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B Bank Street College of Education Private Placement Bonds, Series 2017A Bank Street College of Education Private Placement Bonds, Series 2017B	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000 18,000,000 2,000,000	Aa1 NR NR NR Post 3/31/18 Post 3/31/18	Aa1 NR NR NR NR	NR NR NR NR Post 3/31/18 Post 3/31/18	NR NR NR NR NR NR NR	NR NR NR NR Post 3/31/18 Post 3/31/18	NR NR NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B Bank Street College of Education Private Placement Bonds, Series 2017A Bank Street College of Education Private Placement Bonds, Series 2017B Barnard College Insured Revenue Bonds, Series 2007A (FGIC)	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000 18,000,000 2,000,000 48,420,000	Aa1	Aa1 NR NR NR NR NR NR NR NR	NR NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR	NR	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR	NR NR NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B Bank Street College of Education Private Placement Bonds, Series 2017A Bank Street College of Education Private Placement Bonds, Series 2017B Barnard College Insured Revenue Bonds, Series 2007A (FGIC) Barnard College Revenue Bonds, Series 2015A	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000 18,000,000 2,000,000 48,420,000 109,035,000	Aa1 NR NR NR Post 3/31/18 Post 3/31/18 NR NR A1 A1	Aa1 NR NR NR NR NR NR NR A1 A1	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR NR	NR NR NR NR NR NR NR NR NR	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR	NR NR NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B Bank Street College of Education Private Placement Bonds, Series 2017A Bank Street College of Education Private Placement Bonds, Series 2017B Barnard College Insured Revenue Bonds, Series 2007A (FGIC) Barnard College Revenue Bonds, Series 2015B Barnard College Private Placement Bonds, Series 2015B	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000 18,000,000 2,000,000 48,420,000 109,035,000 36,200,000	Aa1 NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR A1 A1 A1 NR	Aa1 NR NR NR NR NR NR A1 A1 A1 NR	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR NR NR NR NR NR	NR N	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR NR NR	NR NR NR NR NR NR NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B Bank Street College of Education Private Placement Bonds, Series 2017A Bank Street College of Education Private Placement Bonds, Series 2017B Barnard College Insured Revenue Bonds, Series 2007A (FGIC) Barnard College Revenue Bonds, Series 2015B Barnard College Private Placement Bonds, Series 2015B Barnard College Revenue Bonds, Series 2008 (reoffered private placement 2009)	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000 18,000,000 2,000,000 48,420,000 109,035,000 36,200,000 27,540,000	Aa1 NR NR NR Post 3/31/18 Post 3/31/18 NR NR A1 A1 NR NR NR	Aa1 NR	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR A NR NR NR NR NR	NR N	NR NR NR NR Post 3/31/18 Post 3/31/18 NR	NR
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A American Academy of Dramatic Arts Private Placement Bonds, Series 2019B Bank Street College of Education Private Placement Bonds, Series 2017A Bank Street College of Education Private Placement Bonds, Series 2017B Barnard College Insured Revenue Bonds, Series 2007A (FGIC) Barnard College Revenue Bonds, Series 2015B Barnard College Private Placement Bonds, Series 2015B Barnard College Revenue Bonds, Series 2008 (reoffered private placement 2009) Bay Shore-Brightwaters Public Library Insured Revenue Bonds, Series 2006 (Ambac)	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000 18,000,000 2,000,000 48,420,000 109,035,000 36,200,000 27,540,000 10,075,000	Aa1 NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR A1 A1 NR	Aa1 NR	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR NR A NR	NR N	NR NR NR NR Post 3/31/18 Post 3/31/18 NR	NR N
Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015A Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015B Alliance of Long Island Agencies/PSCH, Inc. Private Placement Bonds, Series 2015C American Academy of Dramatic Arts Private Placement Bonds, Series 2019A	22,745,000 32,300,000 8,245,000 1,355,000 24,000,000 10,000,000 18,000,000 2,000,000 48,420,000 109,035,000 36,200,000 27,540,000	Aa1 NR NR NR Post 3/31/18 Post 3/31/18 NR NR A1 A1 NR NR NR	Aa1 NR	NR NR NR NR Post 3/31/18 Post 3/31/18 NR NR NR NR A NR NR NR NR NR	NR N	NR NR NR NR Post 3/31/18 Post 3/31/18 NR	NR N

Fitch Rating

as of 3/31/19

3/31/2018

Par Amount of	Moody's Rating		S&P	Rating	Fitch Rating		
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	

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Central Palay Affiliates 2005 Program Indured Revenue Bronds, Series 2015 Nature 1990 1990 Program Prince Procurem Boors, 2016 Base 1,395,688 NR								
Cerebra Palay Affiliation Product Loam Program Private Placement Edonés, 2010 Issue 26,436,585 NR NR NR NR NR NR NR Cerebral Palay Affiliations Product Loam Plagram Private Placement Edonés, 2014 A 26,436,585 NR NR NR NR NR NR NR N	Canisius College Private Placement Bonds, Series 2012	15,225,000	NR	NR	NR	NR	NR	NR
Corobard Pallay Affiliates Product Loan Program Private Placement Boords, 2014A 26,436 835 NR	Cerebral Palsy Affiliates 2005 Pooled Loan Program Insured Revenue Bonds, Series 2005A (Assured)	12,330,000	A3	A3	AA	AA	NR	NR
Central Pallay Affiliates Program (Private Placement Boords, 2014B No. Control Pallay Affiliates Program (Private Placement Reviews Dark), Series 2017A 34,500,000 NR	Cerebral Palsy Affiliates Pooled Loan Program Private Placement Bonds, 2010 Issue	13,399,693	NR	NR	NR	NR	NR	NR
Cerebrain Palsay Affiliates Program (United Cerebrain Palsay Associations of New York State, Inc.) Profee Placement Revenue Bonds, Series 20173 34,590,000 NR	Cerebral Palsy Affiliates Pooled Loan Program Private Placement Bonds, 2014A	26,435,853	NR	NR	NR	NR	NR	NR
Cerebrain Palsay Affiliates Program (United Cerebrain Palsay Associations of New York State, Inc.) Profee Placement Revenue Bonds, Series 20173 34,590,000 NR	Cerebral Palsy Affiliates Pooled Loan Program Private Placement Bonds, 2014B	26,435,853	NR	NR	NR	NR	NR	NR
Crastrial Plaisy Affiliates Program (United Corobral Palsy Association of Purham and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017A Control Palsy Affiliates Program (United Corobral Palsy) Association of Purham and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017B	Cerebral Palsy Affiliates Program (United Cerebral Palsy Associations of New York State, Inc.) Private Placement Revenue Bonds, Series 2017A	34,590,000	NR	NR	NR	NR	NR	NR
Bonds	Cerebral Palsy Affiliates Program (United Cerebral Palsy Associations of New York State, Inc.) Private Placement Revenue Bonds, Series 2017B (Taxable)	325,000	NR	NR	NR	NR	NR	NR
Bonds	Cerebral Palsy Affiliates Program (United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017A	11,190,000	NR	NR	NR	NR	NR	NR
Calgate University Insured Revenue Bonds, Series 1996 (MBIA) 17,540,000 Aa3 Aa3 AA AA NR NR Calleage of New Rochale Revenue Bonds, Series 2008 (RBS Citzens LOC) 40,000,000 A2/WillG-1 ABA/A-1+ AAA/A-1+ ARA NR NR NR Calleage of New Rochale Revenue Bonds, Series 2008C 33,000,000 ABA/WillG-1 ABA/A-1+ AAA/A-1+ NR NR NR NR NR NR NR N	Cerebral Palsy Affiliates Program (United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017B	845,000	NR	NR	NR	NR	NR	NR
College of New Rochalle Revenue Bonds, Series 2008 (RBS Citizens LOC)	Cerebral Palsy Affiliates Program (Jawonio, Inc.) Private Placement Revenue Bonds, Series 2017A	20,720,000	NR	NR	NR	NR	NR	NR
Columbia University Commercial Paper Notes, Series 2002C 23 300,000 Asan/MIG-1 AAA/A-1+ AAA/A-1+ NR NR Oclumbia University Revenue Bonds, Series 2003B 30,000,000 Asan/MIG-1 AAA/A-1+ AAA/A-1+ NR NR NR Columbia University Revenue Bonds, Series 2008A 282,715,000 Asan/MIG-1 AAA/A-1+ AAA/A-1+ NR NR NR Columbia University Revenue Bonds, Series 2008A 117,000,000 Asan/MIG-1 AAA/A-1+ AAA/A-1+ NR NR NR Columbia University Revenue Bonds, Series 2011A AAA/A-1+ NR NR NR Columbia University Revenue Bonds, Series 2011A AAA/A-1+ NR NR NR Columbia University Revenue Bonds, Series 2012A 137,935,000 Asan Aaa AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2015A 25,535,000 Asan Aaa AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2015A AaA/A-1+ AAA/A-1+ NR NR Columbia University Revenue Bonds, Series 2015A AaA/A-1+ AAA/A-1+ NR NR Columbia University Revenue Bonds, Series 2015A AaA AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2015A AaA/A-1+ AAA/A-1+ NR NR Columbia University Revenue Bonds, Series 2015A AaA AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2015A AaA AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2016A- Columbia University Revenue Bonds, Series 2016A- Columbia University Revenue Bonds, Series 2016A- Columbia University Revenue Bonds, Series 2016B AAA AAA AAA AAA NR NR NR	Colgate University Insured Revenue Bonds, Series 1996 (MBIA)	17,540,000	Aa3	Aa3	AA	AA	NR	NR
Columbia University Revenue Bonds, Series 20038 30,000,000 Aaa/VMIG-1 AAA/V	College of New Rochelle Revenue Bonds, Series 2008 (RBS Citizens LOC)	40,000,000	A2/VMIG-1.	WR	NR	NR	NR	NR
Columbia University Revenue Bonds, Series 2008A 282,715,000 Asa WR AAA WR NR NR Columbia University Revenue Bonds, Series 2009A 117,000,000 Asa Asa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2011A 300,000,000 Asa Asa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2012A 137,935,000 Asa Asa AAA AAA NR NR Columbia University Revenue Bonds, Series 2012A 137,935,000 Asa Asa AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2015B 47,780,000 Asa Asa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2015B 47,780,000 Asa Asa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2016A-1 (Green Bonds) 50,000,000 Asa Asa AAA AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2016A-1 (Green Bonds) 50,000,000 Asa Asa AAA AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2016A-2 310,000,000 Asa Asa AAA AAA AAA AR NR NR Columbia University Revenue Bonds, Series 2016B 209,705,000 Asa Asa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2016B 209,705,000 Asa Asa Asa AAA AAA AR NR NR Columbia University Revenue Bonds, Series 2017B 40,475,000 Asa Asa Asa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2017B 40,475,000 Asa Asa Asa AAA AAA AR NR NR Columbia University Revenue Bonds, Series 2018B 150,000,000 Asa	Columbia University Commercial Paper Notes, Series 2002C	23,300,000	Aaa/VMIG-1	Aaa/VMIG-1	AAA/A-1+	AAA/A-1+	NR	NR
Columbia University Revenue Bonds, Series 2019A	Columbia University Revenue Bonds, Series 2003B	30,000,000	Aaa/VMIG-1	Aaa/VMIG-1	AAA/A-1+	AAA/A-1+	NR	NR
Columbia University Revenue Bonds, Series 2011A 300,000,000 Aaa Aaa AAA NR NR Columbia University Revenue Bonds, Series 2012A 137,935,000 Aaa Aaa AAA ANA NR	Columbia University Revenue Bonds, Series 2008A	282,715,000	Aaa	WR	AAA	WR	NR	NR
Columbia University Revenue Bonds, Series 2015A	Columbia University Revenue Bonds, Series 2009A	117,000,000	Aaa/VMIG-1	Aaa/VMIG-1	AAA/A-1+	AAA/A-1+	NR	NR
Columbia University Revenue Bonds, Series 2015A 92,535,000 Aaa Aaa AAA AAA NR NR Columbia University Revenue Bonds, Series 2015B 47,780,000 Aaa Aaa AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2016A-1 (Green Bonds) 50,000,000 Aaa Aaa AAA AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2016A-2 130,000,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2016A-2 130,000,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2016B 2017A 209,705,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2017A 209,705,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2017B 40,475,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018A 40,475,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018B 40,475,000 Aaa Aaa AAA AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018B 40,475,000 Aaa Aaa AAA AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018B 40,475,000 Aaa Aaa AAA AAA AAA AAA AAA NR NR	Columbia University Revenue Bonds, Series 2011A	300,000,000	Aaa	Aaa	AAA	AAA	NR	NR
Columbia University Revenue Bonds, Series 2015A 92,535,000 Aaa Aaa AAA AAA NR NR Columbia University Revenue Bonds, Series 2015B 47,780,000 Aaa Aaa AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2016A-1 (Green Bonds) 50,000,000 Aaa Aaa AAA AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2016A-2 130,000,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2016A-2 130,000,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2016B 2017A 209,705,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2017A 209,705,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2017B 40,475,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018A 40,475,000 Aaa Aaa AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018B 40,475,000 Aaa Aaa AAA AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018B 40,475,000 Aaa Aaa AAA AAA AAA AAA NR NR Columbia University Revenue Bonds, Series 2018B 40,475,000 Aaa Aaa AAA AAA AAA AAA AAA NR NR	•	· · ·	Aaa	Aaa	AAA	AAA	NR	NR
Columbia University Revenue Bonds, Series 2015B								
Columbia University Revenue Bonds, Series 2016A-1 (Green Bonds) S0,000,000 Aaa Aaa AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2016A-2 Series 2016B 209,700,000 Aaa Aaa AAA AAA AAA NR NR NR NR	Columbia University Revenue Bonds, Series 2015B	47,780,000	Aaa	Aaa	AAA	AAA	NR	NR
Columbia University Revenue Bonds, Series 2016B 209,705,000 Aaa Aaa AAA AAA AAA ARA	Columbia University Revenue Bonds, Series 2016A-1 (Green Bonds)		Aaa	Aaa	AAA	AAA	NR	NR
Columbia University Revenue Bonds, Series 2017A 150,000,000 Aaa AAA AAA NR NR Columbia University Revenue Bonds, Series 2017B 40,475,000 Aaa Aaa AAA AAA NR NR NR Columbia University Revenue Bonds, Series 2018B 150,000,000 Post 3/31/18 Aaa Post 3/31/18 AAA Post 3/31/18 NR Columbia University Revenue Bonds, Series 2018B 175,185,000 Post 3/31/18 Aaa Post 3/31/18 AAA Post 3/31/18 NR Commack Public Library District Revenue Bonds, Series 2016 7,835,000 Aa2 Aa2 NR NR NR NR Comsewogue Public Library Revenue Bonds, Series 2016 2,345,000 Aa2 Aa2 NR NR <t< td=""><td>Columbia University Revenue Bonds, Series 2016A-2</td><td>130,000,000</td><td>Aaa</td><td>Aaa</td><td>AAA</td><td>AAA</td><td>NR</td><td>NR</td></t<>	Columbia University Revenue Bonds, Series 2016A-2	130,000,000	Aaa	Aaa	AAA	AAA	NR	NR
Columbia University Revenue Bonds, Series 2017B 40,475,000 Aaa Aaa AAA NR NR Columbia University Revenue Bonds, Series 2018A 150,000,000 Post 3/31/18 Aaa Post 3/31/18 AAA Post 3/31/18 NR Columbia University Revenue Bonds, Series 2018B 175,185,000 Post 3/31/18 Aaa Post 3/31/18 AAA Post 3/31/18 NR Commack Public Library District Revenue Bonds, Series 2016 7,835,000 Aa2 Aa2 NR NR NR NR Comsewogue Public Library Revenue Bonds, Series 2016 2,345,000 Aa2 Aa2 NR NR NR NR Convent of the Sacred Heart Insured Revenue Bonds, Series 2011 (Assured) 29,470,000 NR NR NR NR NR Cornell University 1998 Issue, Commercial Paper Notes 542,905,000 P-1 P-1 NR NR NR Cornell University Revenue Bonds, Series 1990B (reoffered in 2010) 50,450,000 Aa1 Aa1 AA AA NR NR Cornell University Revenue Bonds, Series 2008B (reoffered in 2010) 6	Columbia University Revenue Bonds, Series 2016B	209,705,000	Aaa	Aaa	AAA	AAA	NR	NR
Columbia University Revenue Bonds, Series 2018A 150,000,000 Post 3/31/18 Aaa Post 3/31/18 Post 3/31/18 AAA Post 3/31/18 Post 3/31/18 NR Columbia University Revenue Bonds, Series 2018B 175,185,000 Post 3/31/18 Aaa Post 3/31/18 Post 3/31/18 AAA Post 3/31/18 Post 3/31/18 NR Commack Public Library Revenue Bonds, Series 2016 7,835,000 Aa2 Aa2 NR	Columbia University Revenue Bonds, Series 2017A		Aaa	Aaa				
Columbia University Revenue Bonds, Series 2018B175,185,000 Post 3/31/18AaaPost 3/31/18AAAPost 3/31/18NRCommack Public Library District Revenue Bonds, Series 20167,835,000Aa2Aa2NRNRNRNRConsewogue Public Library Revenue Bonds, Series 20162,345,000Aa2Aa2NRNRNRNRConvent of the Sacred Heart Insured Revenue Bonds, Series 2011 (Assured)29,470,000NRNRAAAANRNRCornell University 1998 Issue, Commercial Paper Notes542,905,000P-1P-1NRNRNRNRCornell University Revenue Bonds, Series 1990B (reoffered in 2010)50,450,000Aa1Aa1AAAAARNRCornell University Revenue Bonds, Series 2008C (reoffered in 2010)63,680,000Aa1Aa1AAAAAANRCornell University Revenue Bonds, Series 2008C (reoffered in 2010)64,105,000Aa1Aa1AAAAARNRCornell University Revenue Bonds, Series 2009A305,000,000Aa1Aa1AAAAAANRNRCornell University Revenue Bonds, Series 2010A285,000,000Aa1Aa1AAAAAANRNR								
Commack Public Library District Revenue Bonds, Series 20167,835,000Aa2Aa2NRNRNRNRComsewogue Public Library Revenue Bonds, Series 20162,345,000Aa2Aa2NRNRNRNRConvent of the Sacred Heart Insured Revenue Bonds, Series 2011 (Assured)29,470,000NRNRNRAAAANRNRCornell University 1998 Issue, Commercial Paper Notes542,905,000P-1P-1NRNRNRNRCornell University Revenue Bonds, Series 1990B (reoffered in 2010)50,450,000Aa1Aa1AAAANRNRCornell University Revenue Bonds, Series 2008B (reoffered in 2010)63,680,000Aa1Aa1AAAANRNRCornell University Revenue Bonds, Series 2008C (reoffered in 2010)64,105,000Aa1Aa1AAAAARNRCornell University Revenue Bonds, Series 2009A305,000,000Aa1Aa1AAAAARNRCornell University Revenue Bonds, Series 2010A285,000,000Aa1Aa1AAAAARNR								
Comsewogue Public Library Revenue Bonds, Series 2016 2,345,000 Aa2 Aa2 NR								
Convent of the Sacred Heart Insured Revenue Bonds, Series 2011 (Assured) 29,470,000 NR NR NR AA AA NR NR NR Cornell University 1998 Issue, Commercial Paper Notes 542,905,000 P-1 P-1 NR NR NR NR Cornell University Revenue Bonds, Series 1990B (reoffered in 2010) 50,450,000 Aa1 Aa1 Aa1 AA AA NR NR NR Cornell University Revenue Bonds, Series 2008B (reoffered in 2010) 63,680,000 Aa1 Aa1 AA AA AA NR NR Cornell University Revenue Bonds, Series 2008C (reoffered in 2010) 64,105,000 Aa1 Aa1 AA AA AA NR NR Cornell University Revenue Bonds, Series 2009A Cornell University Revenue Bonds, Series 2010A AA AA NR NR NR								
Cornell University 1998 Issue, Commercial Paper Notes 542,905,000 P-1 P-1 NR								
Cornell University Revenue Bonds, Series 1990B (reoffered in 2010)50,450,000Aa1Aa1AAAANRNRCornell University Revenue Bonds, Series 2008B (reoffered in 2010)63,680,000Aa1Aa1AAAAAANRNRCornell University Revenue Bonds, Series 2008C (reoffered in 2010)64,105,000Aa1Aa1AAAAAANRNRCornell University Revenue Bonds, Series 2009A305,000,000Aa1Aa1AAAAAANRNRCornell University Revenue Bonds, Series 2010A285,000,000Aa1Aa1AAAAAANRNR								
Cornell University Revenue Bonds, Series 2008B (reoffered in 2010) Cornell University Revenue Bonds, Series 2008C (reoffered in 2010) Aa1 Aa1 AA AA NR NR Cornell University Revenue Bonds, Series 2008C (reoffered in 2010) Cornell University Revenue Bonds, Series 2009A Cornell University Revenue Bonds, Series 2010A Aa1 AA AA NR NR NR NR NR NR NR NR NR NR								
Cornell University Revenue Bonds, Series 2008C (reoffered in 2010) 64,105,000 Aa1 Aa1 AA AA NR NR Cornell University Revenue Bonds, Series 2009A Cornell University Revenue Bonds, Series 2010A AA NR NR Cornell University Revenue Bonds, Series 2010A AA AA NR NR								
Cornell University Revenue Bonds, Series 2009A Cornell University Revenue Bonds, Series 2010A Aa1 Aa1 AA AA AA NR NR NR NR NR NR NR	,	• • •						
Cornell University Revenue Bonds, Series 2010A Aa1 Aa1 AA AA NR NR	, , , , , , , , , , , , , , , , , , , ,	64,105,000	Aa1	Aa1	AA	AA	NR	NR
	Cornell University Revenue Bonds, Series 2009A	305,000,000	Aa1	Aa1	AA	AA	NR	NR
Cornell University Private Placement Bonds, Series 2000A (reoffered in 2015) 42,630,000 NR NR NR NR NR NR	Cornell University Revenue Bonds, Series 2010A	285,000,000	Aa1	Aa1	AA	AA	NR	NR
	Cornell University Private Placement Bonds, Series 2000A (reoffered in 2015)	42,630,000	NR	NR	NR	NR	NR	NR

Par Amount of	Moody's Rating		S&P	Rating	Fitch Rating		
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	

Cornell University Private Placement Bonds, Series 2000B (reoffered in 2015)	58,500,000	NR	NR	NR	NR	NR	NR
Cornell University Revenue Bonds, Series 2004A (reoffered in 2016)	34,975,000	Aa1/VMIG-1	Aa1/VMIG-1	AA/A-1+	AA/A-1+	NR	NR
Cornell University Revenue Bonds, Series 2004B (reoffered in 2016)	36,525,000	Aa1/VMIG-1	Aa1/VMIG-1	AA/A-1+	AA/A-1+	NR	NR
Cornell University Revenue Bonds, Series 2016A	125,850,000	Aa1	Aa1	AA	AA	NR	NR
Culinary Institute of America Insured Revenue Bonds, Series 2004D (reoffered in 2008) (TD Bank LOC)	18,225,000	Aa3/VMIG-1	WR	NR	NR	NR	NR
Culinary Institute of America Insured Revenue Bonds, Series 2006 (reoffered in 2008) (TD Bank LOC)	14,875,000	Aa3/VMIG-1	WR	NR	NR	NR	NR
Culinary Institute of America Revenue Bonds, Series 2012	22,150,000	Baa2	Baa2	NR	NR	NR	NR
Culinary Institute of America Revenue Bonds, Series 2013	30,800,000	Baa2	Baa2	NR	NR	NR	NR
D'Youville College Private Placement Bonds, Series 2008 (reoffered 5/30/12)	25,410,000	NR	NR	NR	NR	NR	NR
D'Youville College Private Placement Bonds, Series 2012	9,335,000	NR	NR	NR	NR	NR	NR
 Educational Housing Services CUNY Student Housing Project Insured Revenue Bonds, Series 2005 (Ambac) 	63,050,000	WR	WR	NR	NR	NR	NR
• Ethelbert B. Crawford Public Library Revenue Bonds, Series 2013	5,080,000	Aa3	Aa3	NR	NR	NR	NR
	-,,						,
FIT Student Housing Corporation Insured Revenue Bonds, Series 2007 (FGIC)	110,935,000	Baa2	Baa2	WR	WR	NR	NR
• Fordham University Revenue Bonds, Series 2008A-1 (Bank of America LOC)	48,610,000	Aa1/VMIG-1	Aa1/VMIG-1	NR	NR	NR	NR
• Fordham University Revenue Bonds, Series 2008A-2 (Bank of America LOC)	48,285,000	Aa1/VMIG-1	Aa1/VMIG-1	NR	NR	NR	NR
Fordham University Revenue Bonds, Series 2011A	96,645,000	A2	A2	A	Δ	NR	NR
Fordham University Revenue Bonds, Series 2012	42,320,000	A2	A2	A	Λ	NR	NR
Fordham University Revenue Bonds, Series 2014	61,815,000	A2	A2	A	Δ	NR	NR
Fordham University Revenue Bonds, Series 2016A	146,465,000	A2	A2	A	Λ	NR	NR
Fordham University Revenue Bonds, Series 2017	78,050,000	A2	A2	A	A	NR	NR
Tordinanti Oniversity Nevertue Bonds, Series 2017	70,030,000	AZ .	AZ .	^	^	INIX	INIX
• O (N	40,400,000	Δ.	۸	ND	ND	ND	ND
Great Neck Library Revenue Bonds, Series 2014	10,400,000	Aaa	Aaa	NR	NR	NR	NR
Hamilton College Revenue Bonds, Series 2010	12,700,000	Aa2	Aa2	NR	NR	NR	NR
Harborfields Public Library Revenue Bonds, Series 2013	6,090,000	Aa2	Aa2	NR	NR	NR	NR
Haverstraw King's Daughters Public Library Insured Revenue Bonds, Series 2011	8,475,000	Aa2	Aa2	NR	NR	NR	NR
 Icahn School of Medicine at Mount Sinai (Mount Sinai School of Medicine Insured Revenue Bonds, Series 1994A) (MBIA) 	143,105,000	A3	A3	A-	A-	NR	NR
• Icahn School of Medicine at Mount Sinai (Mount Sinai School of Medicine of New York University Revenue Bonds, Series 2010A)	94,360,000	A3	A3	A-	A-	NR	NR
Icahn School of Medicine at Mount Sinai Revenue Bonds, Series 2015A	512,410,000	A3	A3	A-	A-	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2010A-1	29,015,000	Aa2	Aa2	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2011A-1	3,715,000	Aa2	Aa2	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2012A-1	12,285,000	Aa2	Aa2	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Series 2013A-1	14,255,000	Aa2	Aa2	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Series 2013B-1	3,860,000	Aa3	Aa3	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2014A-1	12,385,000	Aa2	Aa2	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2015A-1	28,115,000	Aa2	Aa2	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2016A-1	15,665,000	Aa2	Aa2	NR	NR	NR	NR
• InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2016B-1	28,645,000	Aa2	Aa2	NR	NR	NR	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2016B-2	780,000	Aa2	Aa2	NR	NR	NR	NR
	· · · · · · · · · · · · · · · · · · ·	Aa2	Aa2	NR	NR	NR	NR
 InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2017A-1 	16,190,000	Maz	<u></u> πα∠	INL	INIX	INIX	INI

Par Amount of	Mood	y's Rating	S&P Rating		Fitcl	n Rating
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19

InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2018A-1	11,705,000	Post 3/31/18	Aa2	Post 3/31/18	NR	Post 3/31/18	NR
InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2018A-2 (Federally Taxable)	2,545,000	Post 3/31/18	Aa2	Post 3/31/18	NR	Post 3/31/18	NR NR
Iona College Insured Revenue Bonds, Series 2012A	22,825,000	Baa2	Baa2	BBB	BBB	NR	NR NR
Iona College Insured Revenue Bonds, Series 2012B	6,735,000	Baa2	Baa2	BBB	BBB	NR	NR
Jewish Theological Seminary of America Private Placement Bonds, Series 2017	51,000,000	NR	NR	NR	NR	NR	NR
Le Moyne College Revenue Bonds, Series 2009 (TD Bank LOC)	19,470,000	Aa1/VMIG-1	WR	NR	NR	NR	NR
Long Island University Revenue Bonds, Series 2012	60,765,000	Baa2	Baa2	BBB	BBB+ (1/15 /19)	NR	NR
Long Island University Revenue Bonds, Series 2006A-1 (reoffered in 2015 - Private Placement)	28,190,000	NR	NR	NR	NR	NR	NR
Long Island University Private Placement Bonds, Series 2006A-2 (reoffered in 2016 - Private Placement)	32,535,000	NR	NR	NR	NR	NR	NR
Manhattanville College Insured Revenue Bonds, Series 1993 (MBIA)	27,486,875	Baa2	Baa2	NR	NR	NR	NR
Marymount Manhattan College Revenue Bonds, Series 2009	49,275,000	Baa2	Baa2	NR	NR	NR	NR
Metropolitan Museum of Art Revenue Bonds, Series 1993B	22,115,000	Aaa/VMIG-1	Aaa/VMIG-1	AAA/A-1+	AAA/A-1+	NR	NR
- '	• •						
New School Revenue Bonds, Series 2010 (partial Assured)	301,055,000	A3	A3	A-	A-	NR	NR
New School Revenue Bonds, Series 2011 New School Revenue Bonds, Series 2011	35,480,000	A3	A3	A-	A-	NR	NR
New School Revenue Bonds, Series 2015A	124,290,000	A3	A3	A-	A-	NR	NR
New School Revenue Bonds, Series 2016A	316,040,000	A3	A3	A-	A-	NR	NR
New School Revenue Bonds, Series 2016B	86,420,000	A3	A3	A-	A-	NR	NR
New York Institute of Technology Revenue Bonds, Series 2016A	47,910,000	Baa2	Baa2	BBB+	BBB+	NR	NR
New York State Rehabilitation Association Pooled Loan Program No. 2 Insured Revenue Bonds, Series 2003A (CIFG)	22,240,000	Aa3	Aa3	WR	WR	NR NR	NR
New York University Insured Revenue Bonds, Series 1998A (MBIA)	250,000,000	Aa2	Aa2	AA-	AA-	NR	NR
New York University Insured Revenue Bonds, 2001 Series 1 (Ambac)	120,000,000	Aa2	Aa2	AA-	AA-	WR	WR
New York University Revenue Bonds, Series 2008A	280,250,000	Aa2	WR	AA-	AA-	NR	NR
New York University Revenue Bonds, Series 2008B	226,705,000	Aa2	WR	AA-	AA-	NR	NR NR
New York University Revenue Bonds, Series 2008C	<u> </u>	Aa2 Aa2	WR			NR NR	NR NR
	98,805,000			AA-	AA-		
New York University Revenue Bonds, Series 2009A	402,380,000	Aa2	Aa2	AA-	AA-	NR	NR
New York University Revenue Bonds, Series 2009B	64,260,000	Aa2	Aa2	AA-	AA-	NR	NR
New York University Revenue Bonds, Series 2012A	208,625,000	Aa2	Aa2	AA-	AA-	NR	NR
New York University Revenue Bonds, Series 2012B	55,035,000	Aa2	Aa2	AA-	AA-	NR	NR
New York University Revenue Bonds, Series 2012C	31,110,000	Aa2	Aa2	AA-	AA-	NR	NR NR
New York University Revenue Bonds, Series 2013A	126,525,000	Aa2	Aa2	AA-	AA-	NR	NR
New York University Revenue Bonds, Series 2013B	32,280,000	Aa2	Aa2	AA-	AA-	NR NB	NR
New York University Private Placement Bonds, Series 2014	55,000,000	NR A G	NR A G	NR AA	NR	NR	NR
New York University Revenue Bonds, Series 2015A	691,435,000	Aa2	Aa2	AA-	AA-	NR NB	NR
New York University Revenue Bonds, Series 2016A	582,875,000	Aa2	Aa2	AA-	AA-	NR	NR
New York University Revenue Bonds, Series 2016B (Taxable)	246,235,000	Aa2	Aa2	AA-	AA-	NR NB	NR
New York University Revenue Bonds, Series 2017A	450,170,000	Aa2	Aa2	AA-	AA-	NR NB	NR
New York University Revenue Bonds, Series 2017B (Taxable)	227,835,000	Aa2	Aa2	AA-	AA-	NR Building	NR
New York University Revenue Bonds, Series 2018A	348,880,000	Post 3/31/18	Aa2	Post 3/31/18	AA-	Post 3/31/18	NR
New York University Revenue Bonds, Series 2018B (Taxable)	243,705,000	Post 3/31/18	Aa2	Post 3/31/18	AA-	Post 3/31/18	NR
New York University Revenue Bonds, Series 2019A	603,460,000	Post 3/31/18	Aa2	Post 3/31/18	AA-	Post 3/31/18	NR
New York University Revenue Bonds, Subseries 2019B-1 (Taxable)	176,125,000	Post 3/31/18	Aa2	Post 3/31/18	AA-	Post 3/31/18	NR

Par Amount of	Mood	y's Rating	S&P	Rating	Fitch Rating		
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	

• New York University Revenue Bonds, Subseries 2019B-2 (Taxable Green Bonds)	83,170,000	Post 3/31/18	Aa2	Post 3/31/18	AA-	Post 3/31/18	NR
Northern Onondaga Public Library Insured Revenue Bonds, Series 1998 (MBIA)	4,125,000	Baa2	WR	WR	WR	WR	WR
NYSARC, Inc. Insured Revenue Bonds, Series 2007A (Ambac)	11,045,000	Aa2	Aa2	WR	WR	NR	NR
NYSARC, Inc. Revenue Bonds, Series 2010A	42,855,000	Aa2	Aa2	NR	NR	NR	NR
NYSARC, Inc. Revenue Bonds, Series 2012A	25,750,000	Aa2	Aa2	NR	NR	NR	NR
NYSARC, Inc. Revenue Bonds, Series 2015A	35,050,000	Aa2	Aa2	NR	NR	NR	NR
NYSARC, Inc. Revenue Bonds, Series 2017A	32,970,000	Aa2	Aa2	NR	NR	NR	NR
NYSARC, Inc. Revenue Bonds, Series 2017B (Taxable)	1,530,000	Aa2	Aa2	NR	NR	NR	NR
0							
Oceanside Library Insured Revenue Bonds, Series 2005 (Ambac)	4,240,000	Aa3	Aa3	NR	NR	NR	NR
P	-,,-,						
Pace University Revenue Bonds, Series 2013A	95,840,000	NR	NR	BBB-	BBB-	NR	NR
Pace University Revenue Bonds, Series 2013B	19,670,000	NR	NR	BBB-	WR	NR	NR
Pratt Institute Revenue Bonds, Series 2015A	73,670,000	A3	A2 (12/4/18)	NR	NR	NR	NR
Pratt Institute Revenue Bonds, Series 2016 Pratt Institute Revenue Bonds, Series 2016	53,360,000	A3	A2 (12/4/18)	NR	NR	NR	NR
	33,300,000		AL (1214/10)	INIX	INIX	INIX	INIX
R	E 04E 000	ND	ND	ND	ND	ND	NID
Randolph Hopevale Union Free School District Private Placement Bonds, Series 2014 Residential Institutions for Children Revenue Rende, Sub-Series 2008A 4 (SON)VMA)	5,645,000	NR And	NR And	NR NB	NR NB	NR WB	NR
• Residential Institutions for Children Revenue Bonds, Sub-Series 2008A-1 (SONYMA)	53,835,000	Aa1	Aa1	NR	NR NR	WR	WR
Rochester Institute of Technology Insured Revenue Bonds, Series 2006A (Ambac) Rochester Institute of Technology Insured Revenue Bonds, Series 2006A (Ambac) Rochester Institute of Technology Insured Revenue Bonds, Series 2006A (Ambac) Rochester Institute of Technology Insured Revenue Bonds, Series 2006A (Ambac) Rochester Institute of Technology Insured Revenue Bonds, Series 2006A (Ambac)	57,675,000	A1	A1	NR NR	NR NR	NR NB	NR
Rochester Institute of Technology Revenue Bonds, Series 2008A Rochester Institute of Technology Revenue Bonds, Series 2008A	85,000,000	A1	A1	NR NR	NR NB	NR NR	NR
Rochester Institute of Technology Revenue Bonds, Series 2010	78,085,000	A1	A1	NR	NR NR	NR NR	NR
Rochester Institute of Technology Revenue Bonds, Series 2012	146,030,000	A1	A1	NR NR	NR	NR	NR
Rockefeller University Revenue Bonds, Series 2002A2 (reoffered in 2009) Rockefeller University Revenue Bonds, Series 2002A2 (reoffered in 2009)	50,000,000	Aa1/VMIG-1	Aa1/VMIG-1	AA+/A-1	AA+/A-1	NR	NR
Rockefeller University Revenue Bonds, Series 2008A (reoffered in 2012)	103,215,000	Aa1/VMIG-1	Aa1/VMIG-1	AA+/A-1	AA/A-1 (1/29/19)	NR	NR
Rockefeller University Revenue Bonds, Series 2009A	59,295,000	Aa1	Aa1	AA+	AA (1/29/19)	NR	NR
Rockefeller University Revenue Bonds, Series 2009B	100,000,000	Aa1/VMIG-1	WR	NR	NR	NR	NR
Rockefeller University Revenue Bonds, Series 2009C	100,000,000	Aa1	Aa1	AA+	AA (1/29/19)	NR	NR
Rockefeller University Revenue Bonds, Series 2010A	50,000,000	Aa1	Aa1	AA+	AA (1/29/19)	NR	NR
Rockefeller University Revenue Bonds, Series 2012A	26,465,000	Aa1	Aa1	AA+	AA (1/29/19)	NR	NR
Rockefeller University Revenue Bonds, Series 2012B	51,390,000	Aa1	Aa1	AA+	AA (1/29/19)	NR	NR
Rockefeller University Private Placement Bonds, Series 2015A	119,190,000	NR	NR	NR	NR	NR	NR
Rockefeller University Private Placement Bonds, Series 2015B	44,000,000	NR	NR	NR	NR	NR	NR
Rockefeller University Private Placement Bonds, Series 2017A	100,445,000	NR	NR	NR	NR	NR	NR
Rogers Memorial Library Revenue Bonds, Subseries 2016A	2,760,000	Aaa	Aaa	NR	NR	NR	NR
Rogers Memorial Library Revenue Bonds, Subseries 2016B	130,000	Aaa	WR	NR	NR	NR	NR
Royal Charter Properties-East, Inc. Revenue Bonds, Series 2006A (reoffered in 2008) (FNMA)	147,770,000	Aaa/VMIG-1	Aaa/VMIG-1	AA+/A-1+	AA+/A-1+	NR	NR
Royal Charter Properties-East, Inc. Revenue Bonds, Series 2006B (reoffered in 2008) (FNMA)	23,610,000	Aaa/VMIG-1	Aaa/VMIG-1	AA+/A-1+	AA+/A-1+	NR	NR
S							
Siena College Private Placement Bonds, Subseries 2017-1	11,395,000	NR	NR	NR	NR	NR	NR
Siena College Private Placement Bonds, Subseries 2017-2	27,000,000	NR	NR	NR	NR	NR	NR
Skidmore College Revenue Bonds, Series 2011A	32,425,000	A1	A1	NR	NR	NR	NR
Smithtown Special Library District Revenue Bonds, Series 2016	14,865,000	Aa2	Aa2	NR	NR	NR	NR
• St. Francis College Revenue Bonds, Series 2010	25,000,000	NR	NR	A-	BBB+ (2/28/19)	NR	NR
St. Francis College Private Placement Bonds, Series 2014	12,585,000	NR	NR	NR	NR	NR	NR
St. John's University Insured Revenue Bonds, Series 2007C (MBIA)	124,425,000	A3	A3	A-	A-	NR	NR

WR = Rating Withdrawn⁽¹⁾
NR - DASNY/Client did not request rating from this rating agency.

BOLD - rating changed BLUE - Issued after 3/31/18

RED - Issue no longer outstanding as of 3/31/19

NA - not applicable

GREEN - Reoffered. Rating at 3/31/18 reflects rating prior to reoffering.

RATINGS Moody's Rating S&P Rating Fitch Rating Par Amount of 3/31/2018

3/31/2018

as of 3/31/19

3/31/2018

as of 3/31/19

as of 3/31/19

St. John's University Revenue Bonds, Series 2008B-1 (Bank of America LOC)	67,780,000	Aa1/VMIG-1	Aa1/VMIG-1	AA/A-1	AA/A-1	NR	NR
St. John's University Revenue Bonds, Series 2008B-2 (reoffered 10/18/12) (US Bank LOC)	67,760,000	Aa1/VMIG-1	Aa1/VMIG-1	AA-/A-1+	AA-/A-1+	NR	NR
St. John's University Revenue Bonds, Series 2012A	48,460,000	A3	A3	A-	A-	NR	NR
St. John's University Revenue Bonds, Series 2012B	43,930,000	A3	A3	A-	A-	NR	NR
St. John's University Revenue Bonds, Series 2013A	57,935,000	A3	A3	A-	A-	NR	NR
St. John's University Revenue Bonds, Series 2013B	5,995,000	A3	A3	A-	A-	NR	NR
St. John's University Revenue Bonds, Series 2015A	104,705,000	A3	A3	A-	A-	NR	NR
St. John's University Revenue Bonds, Series 2017A	42,580,000	A3	A3	A-	A-	NR	NR
St. Joseph's College Revenue Bonds, Series 2010	27,795,000	Ba1	Ba1	NR	NR	NR	NR
Suffern Free Library Association Insured Revenue Bonds, Series 2012	4,825,000	Aa1	Aa1	NR	NR	NR	NR
Teachers College Revenue Bonds, Series 2009	52,595,000	A 1	WR	NR	NR	NR	NR
Teachers College Revenue Bonds, Series 2012A	30,115,000	A1	A1	A+	A+	NR	NR
Teachers College Revenue Bonds, Series 2012B	30,360,000	A1	A1	A+	A+	NR	NR
Teachers College Revenue Bonds, Series 2017	43,390,000	A1	A1	A+	A+	NR	NR
Touro College Private Placement Bonds, Series 2013A	19,520,000	NR	NR	NR	NR	NR	NR
Touro College Private Placement Bonds, Series 2013B	1,875,000	NR	NR	NR	NR	NR	NR
Touro College and University System Obligated Group Revenue Bonds, Series 2014A	55,960,000	NR	NR	NR	NR	BBB-	BBB-
Touro College and University System Obligated Group Revenue Bonds, Series 2014B	38,325,000	NR	NR	NR	NR	BBB-	BBB-
Touro College Private Placement Bonds, Series 2014A	41,475,000	NR	NR	NR	NR	NR	NR
Touro College and University System Obligated Group Revenue Bonds, Series 2017	64,015,000	NR	NR	NR	NR	BBB-	BBB-
Trevor Day School Private Placement Bonds, Series 2011	65,500,000	NR	NR	NR	NR	NR	NR
United Cerebral Palsy Affiliates Pooled Loan Program No. 1 Insured Revenue Bonds, Series 2002A (Ambac)	16,095,000	WR	WR	WR	WR	NR	NR
University of Rochester Revenue Bonds, Series 2003A (reoffered in 2008) (JP Morgan LOC)	31,250,000	Aa1VMIG-1	Aa1VMIG-1	AA+/A-1	AA+/A-1	NR	NR
University of Rochester Revenue Bonds, Series 2003B (reoffered in 2008) (HSBC LOC)	34,350,000	Aa1VMIG-1	Aa1VMIG-1	AAA/A-1+	AAA/A-1+	NR	NR
University of Rochester Revenue Bonds, Series 2003C (reoffered in 2008) (JP Morgan LOC)	71,075,000	Aa1VMIG-1	Aa1VMIG-1	AA+/A-1	AA+/A-1	NR	NR
University of Rochester Revenue Bonds, Series 2007A-2	20,534,067	Aa3	Aa3	WR	WR	WR	WR
University of Rochester Revenue Bonds, Series 2007B	40,290,000	Aa3	Aa3	WR	WR	WR	WR
University of Rochester Revenue Bonds, Series 2009A	54,469,240	Aa3	Aa3	AA-	AA-	NR	NR
University of Rochester Revenue Bonds, Series 2009B	34,460,000	Aa3	Aa3	AA-	AA-	NR	NR
University of Rochester Revenue Bonds, Series 2009C	11,135,000	Aa3	Aa3	AA-	AA-	NR	NR
University of Rochester Revenue Bonds, Series 2009E	13,590,000	Aa3	Aa3	AA-	AA-	NR	NR
University of Rochester Revenue Bonds, Series 2006A-1 (reoffered in 2015) (Barclays Bank PLC LOC)	94,130,000	Aa1/VMIG-1	Aa1/VMIG-1	AA+/A-1	AA+/A-1	NR	NR
University of Rochester Revenue Bonds, Series 2006B-1 (reoffered in 2015) (Barclays Bank PLC LOC)	17,050,000	Aa1/VMIG-1	Aa1/VMIG-1	AA+/A-1	AA+/A-1	NR	NR
	, ,						
Vassar College Revenue Bonds, Series 2007	125,455,000	WR	WR	AA-	WR	NR	NR
Vassar College Revenue Bonds, Series 2010	50,000,000	Aa3	Aa3	AA-	A+ (7/11/18)	NR NR	NR
Vaughn College of Aeronautics and Technology Private Placement Bonds, Series 2016A	54,420,000	NR	NR	BB-	BB-	NR	NR
Wagner College Revenue Bonds, Series 1998 (reoffered/Private Placement in 2014)	9,735,000	NR	NR	NR	NR	NR	NR
Wagner College Revenue Bonds, Series 2009 (reoffered/Private Placement in 2014)	28,600,000	NR	NR	NR	NR	NR	NR
Yeshiva University Revenue Bonds, Series 2009	140,820,000	В3	В3	BBB-	BBB-	NR	NR
Yeshiva University Revenue Bonds, Series 2011A	90,000,000	B3	B3	BBB-	BBB-	NR	NR

Bonds Issued

Key:

WR = Rating Withdrawn⁽¹⁾

NR - DASNY/Client did not request rating from this rating agency.

BOLD - rating changed

BLUE - Issued after 3/31/18

RED - Issued after 3/31/16

RED - Issue no longer outstanding as of 3/31/19

NA - not applicable

GREEN - Reoffered. Rating at 3/31/18 reflects rating prior to reoffering.

RATINGS

Par Amount of	Mood	y's Rating	S&P	Rating	Fitch Rating			
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19		

PUBLIC DEBT ISSUANCES:

NEW YORK STATE CONDUIT PROGRAMS:							
 Pledged Assessment Revenue Bonds, Series 2010A (Federally Taxable) 	102,395,000	Aaa	Aaa	AAA	AAA	AAA	AAA
Employer Assessment Revenue Bonds, Series 2013A (Federally Taxable)	369,700,000	Aaa	Aaa	AAA	AAA	AAA	AAA
State University of New York Dormitory Facilities Revenue Bonds, Series 2013A	440,025,000	Aa3	Aa3	A+	A+	A+	A+
State University of New York Dormitory Facilities Revenue Bonds, Series 2015A	268,825,000	Aa3	Aa3	A+	A+	A+	A+
 State University of New York Dormitory Facilities Revenue Bonds, Series 2015B 	286,225,000	Aa3	Aa3	NR	NR	A+	A+
 State University of New York Dormitory Facilities Revenue Bonds, Series 2017A 	344,665,000	Aa3	Aa3	NR	NR	A+	A+
State University of New York Dormitory Facilities Revenue Bonds, Series 2018A	134,070,000	Post 3/31/18	Aa3	Post 3/31/18	NR	Post 3/31/18	A +
JUDICIAL FACILITIES:							
Court Facilities Lease Revenue Bonds (The City of New York Issue), Series 2005A (partial Ambac)	383,230,000	Aa2	Aa2	AA-	AA-	AA-	AA-
Court Facilities Lease Revenue Bonds (The County of Westchester Issue), Series 1998	133,007,717	Aa2	Aa2	AA+	AA (11/27/18)	AA+	AA+
Court Facilities Lease Revenue Bonds (The City of New York Issue), Series 2005B (Muzuho Bank LOC) (reoffered in 2015)	125,500,000	Aa2/VMIG-1	Aa2/VMIG-1	AA-/NR	AA-/NR	AA-/F-1	AA-/F-1
Court Facilities Lease Revenue Bonds (The County of Westchester Issue), Series 2016	22,485,000	Aa2	Aa2	AA+	AA (11/27/18)	AA+	AA+
MUNICIPAL FACILITIES:							
 Municipal Health Facilities Improvement Program Lease Revenue Bonds (The City of New York Issue), Series 2006A (FGIC) 	12,135,000	Aa2	Aa2	AA-	AA-	NR	NR
Municipal Health Facilities Improvement Program Lease Revenue Bonds (The City of New York Issue), Series 2010A	30,185,000	Aa2	Aa2	AA-	AA-	NR	NR
Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 1998 Series 1 (Assured)	294,960,000	Aa2	WR	AA	WR	AA-	WR
• Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2001 Series 2 (reoffered in 2008)	414,095,000	Aa2	WR	AA-	WR	AA-	WR
• Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2008 Series 1	71,660,000	Aa2	WR	AA-	WR	AA-	WR
Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2010 Series 1	131,105,000	Aa2	Aa2	AA-	AA-	NR	NR
• Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2018 Series 1		Post 3/31/18	Aa2	Post 3/31/18	AA-	Post 3/31/18	NR
MASTER BOCES PROGRAMS:							
Master BOCES Program Lease Revenue Bonds (Nassau County Issue), Series 2009 (partial Assured)	17,525,000	Aa2	Aa2	AA	AA	AA	AA
Master BOCES Program Lease Revenue Bonds (Nassau County Issue), Series 2009 (partial Assured) Master BOCES Program Lease Revenue Bonds (Herkimer-Fulton-Hamilton-Otsego Issue), Series 2010 (Assured)	14,200,000	Aa2	Aa2 Aa2	AA	AA	NR	NR
Master BOCES Program Lease Revenue Bonds (Nassau County Issue), Series 2011 (partial Assured)	24,785,000	NR	NR	A+		NR	NR
Master BOCES Program Lease Revenue Bonds (St. Lawrence-Lewis Issue), Series 2011	6,800,000	Aa2	Aa2	A+	A+	NR NR	NR
Master BOCES Program Lease Revenue Refunding Bonds (Broome-Tioga Issue), Series 2014A (BAM)	6,485,000	Aa2 Aa2	Aa2 Aa2	AA	AA	NR	NR
Master BOCES Program Lease Revenue Refunding Bonds (Madison-Oneida Issue), Series 2014B (BAM)	6,065,000	Aa2 Aa2	Aa2 Aa2		AA	NR	NR
Master BOCES Program Lease Revenue Refunding Bonds (Wayne-Finger Lakes Issue), Series 2014C (BAM)	· · · · · · · · · · · · · · · · · · ·			AA		NR NR	
	6,450,000	Aa2	Aa2	AA .	AA		NR NB
Master BOCES Program Lease Refunding Revenue Bonds, Delaware, Chenango, Madison & Otsego Issue, Series 2015 Master BOCES Program Lease Refunding Revenue Bonds, St. Lawrence Levis Issue, Series 2015	32,625,000	Aa2	Aa2	A+	A+	NR NB	NR ND
Master BOCES Program Lease Refunding Revenue Bonds, St. Lawrence-Lewis Issue, Series 2015 Master BOCES Program Lease Refunding Revenue Bonds, Opendage, Cartland and Medican Issue, Series 2015 Master BOCES Program Lease Refunding Revenue Bonds, Opendage, Cartland and Medican Issue, Series 2015	7,860,000	Aa2	Aa2	A+	A+	NR NB	NR NB
Master BOCES Program Lease Refunding Revenue Bonds, Onondaga, Cortland and Madison Issue, Series 2015 Master BOCES Program Lease Refunding Revenue Bonds, Onoide Halkimar and Madison Issue, Series 2016	5,890,000	Aa2	Aa2	NR NB	NR	NR NB	NR NB
Master BOCES Program Lease Refunding Revenue Bonds, Oneida, Herkimer and Madison Issue, Series 2016 Master BOCES Program Lease Refunding Revenue Bonds, Consess Valley Issue, Series 2016	24,535,000	Aa2	Aa2	NR ND	NR	NR NB	NR NB
Master BOCES Program Lease Refunding Revenue Bonds, Genesee Valley Issue, Series 2016 Master BOCES Program Lease Refunding Revenue Bonds (Nessey County BOCES Issue) Series 2017	19,920,000	Aa2	Aa2	NR NB	NR	NR NB	NR NB
Master BOCES Program Lease Refunding Revenue Bonds (Nassau County BOCES Issue) Series 2017	10,530,000	Aa2	Aa2	NR	NR	NR	NR

Par Amount of	Mood	y's Rating	S&P	Rating	Fitch Rating			
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19		

 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2002F (MBIA) 	4 225 220						
School Districts Nevertue Bond Financing Frogram Nevertue Bonds, Series 20021 (WBIA)	1,335,000	Aa3	Aa3	WR	WR	AA-	AA-
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2002H (MBIA)	26,850,000	Baa2	Baa2	A+	A+	WR	WR
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2004A (MBIA)	27,655,000	Aa3	Aa3	AA-	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2005D (MBIA)	24,460,000	A1	A1	AA-	A+	AA-	AA-
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2007A (Assured)	34,005,000	WR	WR	WR	WR	AA-	WR
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2008A (Assured)	111,090,000	Aa3	WR	AA	AA	AA-	WR
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2008B (Assured)	30,155,000	A2	WR	AA	WR	AA-	WR
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2008C (partial Assured)	41,255,000	Aa3	WR	AA	AA	AA-	WR
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2008D (Assured)	47,920,000	Aa3	WR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2009A (Assured)	62,330,000	Aa3	Aa3	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2009B (partial Assured)	180,655,000	Aa3	Aa3	A+	A+	AA-	WR
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2009C (partial Assured)	157,580,000	Aa3	Aa3	A+	A+	AA-	WR
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2009D (partial Assured)	15,825,000	Aa3	Aa3	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2009E (partial Assured)	2,345,000	A2	A2	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2010A (Assured)	252,755,000	Aa3	Aa3	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2010B (Assured)	54,190,000	Aa3	Aa3	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2010C (Assured)	23,485,000	Aa3	Aa3	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2010D	4,625,000	Aa3	Aa3	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011A	261,490,000	Aa3	Aa3	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011B (Assured) 	39,975,000	Aa3	Aa3	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011C	8,125,000	Aa3	Aa3	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011D (Assured) 	17,725,000	Aa3	Aa3	AA	AA	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011E (Assured) 	13,495,000	A2	A2	AA	AA	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011F (partial Assured) 	12,300,000	Aa2	Aa2	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011G (partial Assured) 	32,685,000	Aa3	Aa3	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2011H (partial Assured) 	75,290,000	Aa3	Aa3	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012A (partial Assured) 	124,120,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012B	22,065,000	Aa3	Aa3	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012C	27,530,000	Aa3	Aa3	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012D (partial Assured) 	39,840,000	NR	NR	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012E (partial Assured) 	11,320,000	NR	NR	A+	A+	AA-	AA-
 School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012F (partial Assured) 	171,410,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012G	79,370,000	NR	NR	AA+	AA-	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012H	76,500,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012I	13,135,000	NR	NR	AA	WR	AA-	WR
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012J	22,265,000	NR	NR	AA-	AA-	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2012K (partial Assured)	6,425,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2013A (partial Assured)	35,270,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2013B	7,610,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2013C	28,430,000	NR	NR	AA-	AA-	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2013D	6,305,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2013E (partial Assured)	39,660,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2013F (BAM)	59,390,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2014A (Assured)	153,340,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2014B	6,960,000	Aa3	Aa3	NR	NR	AA-	AA-

Par Amount of	Mood	y's Rating	S&P	Rating	Fitch Rating		
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	

School Districts Revenue Bond Financing Program Revenue Bonds, Series 2014C	28,945,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2014D	8,710,000	Aa2	Aa2	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2014E (Assured)	39,005,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2014F	16,165,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2015A (Assured)	41,325,000	Aa3	Aa3	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2015B (Assured)	57,040,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2015C (Assured)	5,850,000	Aa3	Aa3	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2015D (partial BAM)	84,965,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2015E (partial BAM)	14,430,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2015F (BAM)	28,895,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016A (partial BAM)	190,555,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016B	14,880,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016C	7,615,000	NR	NR	AA-	AA-	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016D	3,615,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016E (partial BAM)	80,505,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016F	41,870,000	NR	NR	AA	AA	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016G	37,010,000	NR	NR	AA-	AA-	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016H	22,725,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016l (partial Assured)	10,140,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016J (partial Assured)	18,975,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2016K (partial Assured)	62,830,000	Aa3	Aa3	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017A (partial Assured)	92,135,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017B (partial Assured)	131,050,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017C (partial Assured)	39,485,000	NR	NR	AA-	AA-	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017D	22,150,000	Aa2	Aa2	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017E (partial BAM)	17,690,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017F (partial BAM)	159,065,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017G (partial BAM)	116,745,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017H	11,680,000	Aa2	Aa2	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017I (partial BAM)	8,895,000	NR	NR	A+	A+	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017J	2,795,000	Aa3	Aa3	NR	NR	AA-	AA-
School Districts Revenue Bond Financing Program Revenue Bonds, Series 2018A (partial Assured)	423,535,000	Post 3/31/18	Aa3	Post 3/31/18	NR	Post 3/31/18	AA-
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2018B	29,015,000	Post 3/31/18	Aa2	Post 3/31/18	NR	Post 3/31/18	AA-
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2018C	29,155,000	Post 3/31/18	NR	Post 3/31/18	AA	Post 3/31/18	AA-
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2018D	25,030,000	Post 3/31/18	Aa1	Post 3/31/18	NR	Post 3/31/18	AA-
• School Districts Revenue Bond Financing Program Revenue Bonds, Series 2018E (partial Assured)	78,495,000	Post 3/31/18	Aa3	Post 3/31/18	NR	Post 3/31/18	AA-
Control Diotricio Novondo Dona i manoring i regiam Novondo Donac, Control (partial ricoarca)	. 0, 100,000	1 000 010 11 10	7100	1 001 0/0 1/10		1 001 0/0 1/10	701
PECIAL ACT SCHOOL DISTRICTS PROGRAM:							
 Special Act School District (Little Flower Union Free School District) Private Placement Bonds, Series 2016 	5,165,000	NR	NR	NR	NR	NR	NR
George Junior Republic Union Free School District Private Placement Bonds, Series 2013	9,082,000	NR	NR	NR	NR	NR	NR

WR = Rating Withdrawn⁽¹⁾
NR - DASNY/Client did not request rating from this rating agency.

BOLD - rating changed BLUE - Issued after 3/31/18

RED - Issue no longer outstanding as of 3/31/19

• State University Dormitory Facilities Issue Lease Revenue Bonds, Series 2012A

RATINGS Moody's Rating S&P Rating

3/31/2018

as of 3/31/19

D - Issue no longer outstanding as of 3/31/19		0/01/2010	40 01 0/01/10	0/01/2010	40 01 0/01/10	0/01/2010	40 01 0/01/10
- not applicable SEN - Reoffered. Rating at 3/31/18 reflects rating prior to reoffering.							
CITY UNIVERSITY:							
• City University System Consolidated Revenue Bonds, Series 1993A	311,880,000	Aa2	Aa2	AA	AA	AA	AA
City University System Consolidated Second General Resolution Revenue Bonds, Series 1993A	271,775,000	Aa2	WR	AA	WR	AA	WR
City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2005A (FGIC) City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2005A (FGIC) City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2005A (FGIC)	313,455,000	NR NB	NR NB	AA	AA	AA	AA
City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2006A City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2006A	35,225,000	NR	NR	AA	AA	AA	WR
City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2008A	117,105,000	NR	NR	AA	WR	AA	AA
• City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2008B	280,780,000	NR ND	NR	AA	WR	AA	AA
• City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2008C (Bank of America L		NR	NR	AA+/A-1	AA+/A-1	AAA/F1	AAA/F1
• City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2008D (TD Banknorth LOC	,	NR	NR	AAA/A-1+	AAA/A-1+	AAA/F1+	AAA/F1+
City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2008E	107,095,000	NR	NR	AA	AA	AA	AA
City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2010A	196,205,000	NR	NR	AA	AA	AA	AA
DEPARTMENT OF HEALTH:							
 Department of Health of the State of New York Revenue Bonds, Series 2011A 	48,180,000	NR	NR	AA	AA	AA	AA
Department of Health Veterans Home Revenue Bonds, Series 2011A	11,535,000	NR	NR	AA	AA	AA	AA
Department of Health of the State of New York Revenue Refunding Bonds, Series 2016A	144,810,000	NR	NR	AA	AA	AA	AA
MENTAL HEALTH SERVICES FACILITIES:							
Mental Health Services Facilities Improvement Revenue Bonds, Series 2003B	169,540,000	NR	NR	AA	WR	WR	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2003D-2 (Subseries D-2E) (RBC LOC)	99,700,000	NR	NR	AAA/A-1+	AAA/A-1+	AAA/F1+	AAA/F1+
Mental Health Services Facilities Improvement Revenue Bonds, Series 2003D-2 (Subseries D-2F)	50,000,000	NR	NR	AA/A-1	AA/A-1	AA/F1+	AA/F1+
 Mental Health Services Facilities Improvement Revenue Bonds, Series 2005C-1 (partial FGIC) 	106,300,000	NR	NR	AA	WR	AA	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2007A (partial Assured)	168,785,000	NR	NR	AA	WR	AA	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2007C (partial Assured)	140,545,000	NR	NR	AA	WR	AA	AA
Mental Health Services Facilities Improvement Revenue Bonds, Series 2008A	163,475,000	NR	NR	AA	WR	AA	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2008B	81,175,000	NR	NR	AA	WR	AA	AA
Mental Health Services Facilities Improvement Revenue Bonds, Series 2008C	38,820,000	NR	NR	AA	WR	AA	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2008D	191,920,000	NR	NR	AA	WR	AA	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2008E	41,065,000	NR	NR NR	AA	WR	AA	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2008F	169,515,000	NR	NR	AA	WR	AA	WR
Mental Health Services Facilities Improvement Revenue Bonds, Series 2009A-1	443,495,000	NR	NR	AA	AA	AA	AA
Mental Health Services Facilities Improvement Revenue Bonds, Series 2010A	252,830,000	NR	NR	AA	AA	AA	AA
SERVICE CONTRACTS:							
 State of New York Consolidated Service Contract Refunding Revenue Bonds, Series 2009A (3) 	607,160,000	NR	NR	AA	AA	AA	AA
State of New York Consolidated Service Contract Refunding Revenue Bonds, Series 2010 (3)	120,275,000	Aa2	Aa2	NR	NR	AA	AA
STATE UNIVERSITY DORMITORY FACILITIES:							
State University Dormitory Facilities Issue Lease Revenue Bonds, Series 2008A	129,375,000	Aa2	WR	AA-	AA-	NR	NR
State University Dormitory Facilities Issue Lease Revenue Bonds, Series 2009A	100,120,000	Aa2	Aa2	AA-	AA-	NR	NR
State University Dormitory Facilities Issue Lease Revenue Bonds, Series 2010A	128,340,000	Aa2	Aa2	NR	NR	AA-	AA-
State University Dormitory Facilities Issue Lease Revenue Bonds, Series 2011A	260,000,000	Aa2	Aa2	NR	NR	AA-	AA-
Claid Chirology Definitely 1 demilies issue Loude Neventre Bonde, Colleg 2011/1	200,000,000	, , , ,	/ \u_	1413	1411	, v v	, v ·

Par Amount of

Bonds Issued

234,720,000

Aa2

Aa2

AA-

AA-

3/31/2018

NR

NR

Fitch Rating

as of 3/31/19

3/31/2018

as of 3/31/19

WR = Rating Withdrawn⁽¹⁾
NR - DASNY/Client did not request rating from this rating agency.

BOLD - rating changed BLUE - Issued after 3/31/18

RED - Issue no longer outstanding as of 3/31/19

NA - not applicable

GREEN - Reoffered. Rating at 3/31/18 reflects rating prior to reoffering.

RATINGS Moody's Rating S&P Rating Par Amount of

as of 3/31/19

3/31/2018

Bonds Issued

STATE UNIVERSITY EDUCATIONAL FACILITIES:							
State University Educational Facilities Revenue Bonds, Series 1993A	1,009,965,000	Aa2	Aa2	AA	AA	AA	AA
State University Educational Facilities Revenue Bonds, Series 1993B	429,750,000	Aa2	Aa2	AA	AA	AA	AA
State University Educational Facilities Revenue Bonds, Series 1994A (MBIA) The state University Educational Facilities Revenue Bonds, Series 1994A (MBIA)	54,999,556	Aa2	Aa2	WR	WR	WR	WR
State University Educational Facilities Issue, Series 2005A (partial FGIC)	172,025,000	NR	NR	AA	AA	AA	AA
State University Educational Facilities Issue, Series 2012A	838,100,000	NR	NR	AA	AA	AA	AA
UPSTATE COMMUNITY COLLEGES:							
• Fashion Institute of Technology Revenue Bonds, Series 2000	18,515,000	NR	NR	AA	WR	AA	WR
Upstate Community Colleges Revenue Bonds, Series 2005B (partial FGIC)	29,855,000	NR	NR	AA	AA	AA	AA
Upstate Community Colleges Revenue Bonds, Series 2005C (reoffered in 2008)	54,080,000	NR	NR	WR	WR	WR	WR
PERSONAL INCOME TAX (PIT):							
PIT (EDUCATION)							
State Personal Income Tax Revenue Refunding Bonds (Education), Series 2005B	281,485,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (Education), Series 2007C	600,000,000	NR	NR	AAA	WR	WR	WR
State Personal Income Tax Revenue Bonds (Education), Series 2008B	656,135,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (Education), Series 2009A	291,630,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (Education) Qualified School Construction Bonds, Series 2009 (Tax Credit Bonds)	58,560,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
• State Personal Income Tax Revenue Bonds (Education) Qualified School Construction Bonds, Series 2010 (Federally Taxable)	133,485,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
DIT (ECONOMIC DEVEL ORMENT AND HOUSING)							
 PIT (ECONOMIC DEVELOPMENT AND HOUSING) State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2009A 	137,055,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
PIT (HEALTHCARE)							
State Personal Income Tax Revenue Bonds (Healthcare), Series 2009A	84,730,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
PIT (GENERAL PURPOSE)							
State Personal Income Tax Revenue Bonds (General Purpose), Series 2009A	583,885,000	NR	NR	AAA	AA+ (11/14/18)	AA+	WR
• State Personal Income Tax Revenue Refunding Bonds (General Purpose), Series 2009B (Refunding)	204,060,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
• State Personal Income Tax Revenue Bonds (General Purpose), Series 2009D	404,540,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
 State Personal Income Tax Revenue Bonds (General Purpose), Series 2009E (Federally Taxable) 	101,210,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
• State Personal Income Tax Revenue Bonds (General Purpose), Series 2009F (Federally Taxable - Build America Bonds)	755,810,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
• State Personal Income Tax Revenue Bonds (General Purpose), Series 2009G	91,110,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
• State Personal Income Tax Revenue Bonds (General Purpose), Series 2009H (Federally Taxable - Build America Bonds)	286,525,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2010A	366,265,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
• State Personal Income Tax Revenue Bonds (General Purpose), Series 2010C (Federally Taxable - Build America Bonds)	190,580,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
• State Personal Income Tax Revenue Bonds (General Purpose), Series 2010D (Federally Taxable-Build America Bonds)	800,000,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2010E	562,510,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2010F	55,490,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2010G (Federally Taxable)	149,455,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2010H (Federally Taxable-Build America Bonds)	549,405,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2011A	643,370	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2011B (Federally Taxable)	30,260,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+

Fitch Rating

as of 3/31/19

3/31/2018

as of 3/31/19

3/31/2018

• State Sales Tax Revenue Bonds, Series 2016A (Group A)

RATINGS

Par Amount of	Moody's Rating		S&P	Rating	Fitch Rating			
Bonds Issued	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19	3/31/2018	as of 3/31/19		

State Personal Income Tax Revenue Bonds (General Purpose), Series 2011C	864,790,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2011E	466,035,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2011F (Federally Taxable)	48,290,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2011G	38,405,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Refunding Bonds (General Purpose), Series 2012A	1,814,925,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2012B	1,069,205,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2012C	61,860,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2012D	762,340,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2012E	54,715,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2012F (Federally Taxable)	60,500,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2013A	615,660,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2013B	44,610,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2014A	785,555,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2014C	1,075,950,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2014D	81,385,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2014E	468,290,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2014F	26,095,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2014G	55,825,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2015A	1,005,755,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2015B	1,043,650,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2015C	29,770,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2015D (Federally Taxable)	97,380,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2015E	1,128,930,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2016A (Group A)	77,640,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2016A (Group B)	241,575,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2016A (Group C)	295,455,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2016B	22,590,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2016C (Federally Taxable)	65,905,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2016D	1,119,385,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2017A	1,750,395,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (Group 1)	566,975,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (Group 2)	514,385,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (Group 3)	528,830,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2017C	22,355,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2017D (Federally Taxable)	34,580,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Personal Income Tax Revenue Bonds (General Purpose), Series 2018A	1,566,025,000	Post 3/31/18	Aa1	Post 3/31/18	NR	Post 3/31/18	AA+
State Personal Income Tax Revenue Bonds (General Purpose), Series 2018B (Federally Taxable)	103,565,000	Post 3/31/18	Aa1	Post 3/31/18	NR	Post 3/31/18	AA+
SALES TAX:							
State Sales Tax Revenue Bonds, Series 2013A	959,795,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2014A	1,044,080,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Sales Tax Revenue Bonds, Series 2015A	1,523,100,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
			NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2015B (Group A)	291,000,000	NR	INIX	$\wedge \wedge \wedge$	AAT (11/14/10)	AA+	AAT
State Sales Tax Revenue Bonds, Series 2015B (Group A) State Sales Tax Revenue Bonds, Series 2015B (Group B)	493,815,000	NR NR	NR	AAA	AA+ (11/14/18)	AA+	AA+

399,680,000

NR

NR

AA+

AA+

AA+ (11/14/18)

AAA

WR = Rating Withdrawn⁽¹⁾

NR - DASNY/Client did not request rating from this rating agency.

BOLD - rating changed BLUE - Issued after 3/31/18

RED - Issue no longer outstanding as of 3/31/19

NA - not applicable

GREEN - Reoffered. Rating at 3/31/18 reflects rating prior to reoffering.

RATINGS Moody's Rating S&P Rating Fitch Rating Par Amount of 3/31/2018 3/31/2018 **Bonds Issued** as of 3/31/19 3/31/2018 as of 3/31/19 as of 3/31/19

State Sales Tay Dayanus Banda, Saries 2016A (Croup B)	202 000 000	ND	ND	ΛΛΛ	A A - /44/44/40)	ΛΛ.	
State Sales Tax Revenue Bonds, Series 2016A (Group B)	302,990,000	NR	NR NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2016A (Group C)	386,700,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2017A (Group A)	334,065,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2017A (Group B)	463,445,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2017A (Group C)	510,555,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2017B (Federally Taxable)	72,485,000	NR	NR	AAA	AA+ (11/14/18)	AA+	AA+
State Sales Tax Revenue Bonds, Series 2018A (Group 1)	171,695,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Sales Tax Revenue Bonds, Series 2018A (Group 2)	364,825,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Sales Tax Revenue Bonds, Series 2018A (Group 3)	349,090,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Sales Tax Revenue Bonds, Series 2018A (Group 4)	377,710,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Sales Tax Revenue Bonds, Series 2018B (Federally Taxable)	66,405,000	Aa1	Aa1	AAA	AA+ (11/14/18)	NR	NR
State Sales Tax Revenue Bonds, Series 2018C (Group 1)	367,240,000	Post 3/31/18	NR	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	AA+
State Sales Tax Revenue Bonds, Series 2018C (Group 2)	405,485,000	Post 3/31/18	NR	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	AA+
State Sales Tax Revenue Bonds, Series 2018C (Group 3)	444,310,000	Post 3/31/18	NR	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	AA+
State Sales Tax Revenue Bonds, Series 2018C (Group 4)	490,575,000	Post 3/31/18	NR	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	AA+
State Sales Tax Revenue Bonds, Series 2018D (Federally Taxable)	73,905,000	Post 3/31/18	NR	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	AA+
State Sales Tax Revenue Bonds, Series 2018E (Group 1)	395,295,000	Post 3/31/18	Aa1	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	NR
State Sales Tax Revenue Bonds, Series 2018E (Group 2)	441,650,000	Post 3/31/18	Aa1	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	NR
State Sales Tax Revenue Bonds, Series 2018E (Group 3)	388,800,000	Post 3/31/18	Aa1	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	NR
State Sales Tax Revenue Bonds, Series 2018E (Group 4)	366,515,000	Post 3/31/18	Aa1	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	NR
State Sales Tax Revenue Bonds, Series 2018F (AMT)	19,880,000	Post 3/31/18	Aa1	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	NR
State Sales Tax Revenue Bonds, Series 2018G (Federally Taxable)	80,245,000	Post 3/31/18	Aa1	Post 3/31/18	AA+ (11/14/18)	Post 3/31/18	NR

(1) No dates indicated because dates for withdrawn ratings are unavailable after bond issues become inactive on the Rating Agency websites.

(2) New York Downtown Hospital (NYDH) merged with The New York and Presbyterian Hospital (NYPH) on July 2, 2013. NYPH assumed all of the obligations of and restrictions on NYDH under the NYDH Loan Agreement.

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Acronyms:

CIFG

FGIC

Ambac Ambac Assurance Corporation

Assured **Assured Guaranty**

Build America Mutual Assuarnce Company CDC IXIS Financial Guaranty NA, Inc. Financial Guaranty Insruance Company

Federal Housing Administration FNM A Fannie Mae

Finanical Security Assurance Inc. HSBC HSBC Bank USA

LOC Letter of Credit

MBIA MBIA Insurance Corporation

Royal Bank of Canada RBC

SONYM A State of New York Mortgage Agency

Syncora XLCA Syncora Capital Assurance, Inc. XL Capital Assurance