

State and IPTIP (IL Funds) Portfolios
Approved List of Issuers as of
October 20, 2021

Corporate Bonds and Commercial Paper	Long-Term					Short-Term					LIMITS	
	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	CB	CP
3M COMPANY	A1	A+	-	-	A	P-1	A-1	NR	-	A1+	2YR	13MO
<i>Rating Effective Date</i>	3/29/2016	2/24/2020	-	-	8/5/2021	6/30/2000	2/24/2020	-	-	8/5/2021	-	-
ABBOTT LABORATORIES	A2	A+	WD	-	-	P-1	A-1	NR	-	A1+	2YR	13MO
ABN AMRO FUNDING USA LLC	5/20/2021	5/19/2021	11/2/2017	-	10/5/2021	5/20/2021	5/19/2021	11/2/2017	-	10/5/2021	-	-
ALLIANCEBERNSTEIN LP	7/14/2010	7/14/2010	5/19/2015	-	-	7/14/2010	7/14/2010	5/19/2015	-	-	N/A	7MO
ALPHABET INC	A2	NR	NR	-	-	P-1	A-1	NR	-	-	N/A	13MO
AMAZON.COM INC	Aa2	AA+	8/11/2015	-	-	6/30/2000	6/15/2012	8/11/2015	-	-	-	-
AMERICAN EXPRESS CREDIT	A1	AA	AA-	-	A+	P-1	A-1	F1+	-	A1+	10YR	13MO
APPLE INC	5/10/2021	6/10/2021	6/7/2021	-	9/9/2021	2/10/2020	4/30/2018	7/18/2019	-	9/9/2021	-	-
ARCHER DANIELS MIDLAND	A2	A-	A	AAL	A	P-1	NR	NR	R-1M	-	2YR	7MO
AUTOMATIC DATA PROCESSING	Aa1	AA+	-	-	A+	P-1	A-1	NR	-	-	10YR	13MO
BAKER HUGHES A GE CO LLC	4/23/2013	4/23/2013	-	-	8/11/2021	4/24/2014	4/24/2014	-	-	8/11/2021	-	-
BANK OF AMERICA CORP	A2	A	A	WR	A	P-1	A-1	F1	WR	A1+	2YR	13MO
BANK OF AMERICA NA	Aa2	A+	AA	AAL	-	12/4/2013	-	12/9/2013	5/1/2007	-	-	-
BOFA SECURITIES INC	A3	A-	NR	-	NR	P-2	A-1	NR	-	NR	N/A	4MO
BANK OF NEW YORK MELLON CORP	A2	A-	AA-	AH	A-	6/3/2016	12/5/2017	-	-	-	-	-
BANK OF NEW YORK MELLON	Aa2	A+	AA	AAL	-	P-1	A-2	F1+	R-1M	A1	2YR	N/A
BMO HARRIS BANK NA/IL	Baa1	A+	AA-	AH	A-	3/6/2019	11/29/2011	6/7/2021	12/19/2019	10/18/2021	-	-
BMW US CAPITAL LLC	A2	A	NR	-	-	P-1	A-1	F1+	R-1M	-	10YR	N/A
BRISTOL-MYERS SQUIBB CO	Aa2	A+	AA	AAL	-	11/14/2013	5/8/2009	6/21/2018	12/1/2016	-	-	-
CANADIAN IMPERIAL HLDS	WR	-	-	-	-	-	-	A-1	F1+	-	N/A	13MO
CATERPILLAR INC	A2	A	A	A	A-	11/7/2019	11/10/2020	6/7/2021	-	8/17/2021	-	-
CATERPILLAR FIN SERV CRP	A2	A	A	A	-	P-1	A-1	F1+	-	-	2YR	13MO
CHEVRON CORP	Aa2	2/11/2021	6/4/2012	1/9/2020	8/27/2021	4/21/2021	6/30/2000	6/30/2000	-	-	-	-
CISCO SYSTEMS INC	A1	AA-	WD	WR	A	P-1	A-1	NR	WR	A1+	13MO	13MO
CITIGROUP INC	A3	BBB+	A	AH	BBB+	3/27/2012	2/11/2021	-	4/28/2011	8/27/2021	-	-
CITIBANK NA	Aa3	AA-	WD	WR	A	P-1	A-1	NR	-	-	2YR	13MO
CITIGROUP GLOBAL MARKETS	A1	A+	AA-	AH	A	11/14/2013	5/8/2009	5/19/2015	2/29/2016	-	-	-
COCA-COLA CO	11/20/2018	4/26/2018	2/22/2018	3/13/2020	8/5/2021	P-1	A-1	F1	-	A1+	2YR	13MO
COLGATE-PALMOLIVE CO	Aa3	AA-	WD	WR	A	6/30/2000	5/4/2001	12/12/2016	-	9/27/2021	-	-
CREDIT SUISSE AG/NEW YORK NY	A1	A+	A	A	A	P-1	A-1	NR	-	-	2YR	13MO
DANAHER CORP	Baa1	BBB+	NR	-	A	P-2	A-2	NR	-	A1+	N/A	13MO
DEERE & COMPANY	A2	A	A	NR	BBB-	4/1/2020	4/1/2020	-	-	-	-	-
JOHN DEERE CAPITAL CORP	A2	A	A	-	-	P-1	A-1	NR	-	-	2YR	13MO
JOHN DEERE FINANCIAL INC	A2	A	A	-	-	2/8/2007	12/14/2006	8/23/2006	-	-	-	-
JOHN DEERE FINANCIAL LTD	A2	A	A	-	-	P-1	A-1	F1	-	-	2YR	13MO
ELI LILLY & CO	A2	A+	WD	-	A-	8/13/2008	12/3/2010	-	-	-	-	-
EXXON MOBIL CORP	Aa2	AA-	WD	-	A-	P-1	A-1	NR	-	A1	13MO	13MO
FLORIDA POWER & LIGHT CO	A1	A	A+	-	-	6/30/2000	2/11/2021	-	-	8/31/2021	-	-
GLAXOSMITHKLINE LLC	NR	NR	NR	-	-	P-1	A-1	F1	-	-	N/A	13MO
HERSHEY COMPANY	A1	A	NR	-	A+	12/18/2001	3/28/2008	4/21/2009	-	-	-	-
HOME DEPOT INC	A2	A	A	A	A-	7/8/2003	9/10/2007	-	-	A1+	2YR	13MO
HONEYWELL INTERNATIONAL	11/19/2013	10/15/2013	12/5/2014	8/23/2013	8/31/2021	P-1	A-1	F1	R-1L	A1+	2YR	13MO
HP INC	10/12/2001	7/3/2001	8/18/2008	9/20/2005	8/2/2021	P-1	A-1	F1	R-1L	A1	2YR	13MO
HSBC USA INC	Baa2	BBB	BBB+	-	BBB	P-2	A-2	F2	-	A1	N/A	13MO
IBM CORP	A3	A-	NR	-	BBB+	P-1	A-2	F1+	WR	-	N/A	13MO
ILLINOIS TOOL WORKS INC	9/24/2013	3/10/2009	-	-	8/19/2021	7/12/2021	5/13/2020	12/23/1999	6/7/2016	-	-	-
ING (US) FUNDING LLC	NR	NR	NR	-	-	P-1	A-1	-	-	-	N/A	7MO
INTEL CORPORATION	A1	A+	A+	-	A	P-1	A-1	F1	-	-	2YR	13MO
JOHNSON & JOHNSON	Aaa	AAA	WD	-	AA	11/19/2013	10/15/2013	12/5/2014	11/13/2007	8/31/2021	-	-
JPMORGAN CHASE & CO	A2	A-	AA-	AAL	A	6/30/2000	6/30/2000	9/4/2019	-	8/6/2021	10YR	13MO
JPMORGAN CHASE BANK NA	Aa2	A+	AA	AAL	AA	P-1	A-2	F1+	R-1M	A1	10YR	N/A
JP MORGAN SECURITIES LLC	Aa3	AA+	AA	AA	-	P-1	A-1	F1+	R-1H	-	10YR	N/A
	9/20/2013	9/24/2013	5/19/2015	-	-	P-1	A-1	F1+	-	-	N/A	13MO

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	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	CB	CP
L'OREAL USA INC	NR	NR	NR	-	-	P-1	A-1+	NR	-	-	N/A	13MO
LINDE INC	A2	A	-	-	-	P-1	A-1	-	-	A1	N/A	13MO
LVMH MOET HENNESSY LOUIS	A1	A+	WD	-	BBB+	P-1	A-1	-	-	-	N/A	13MO
MERCK & CO INC	7/3/2019	12/10/2013	11/24/2010	-	8/9/2021	7/3/2019	8/29/2017	-	-	-	N/A	13MO
METLIFE FUNDING INC	A1	A+	-	-	A	P-1	A-1	F1	-	-	2YR	13MO
MICROSOFT CORP	NR	NR	NR	-	-	P-1	A-1+	F1+	-	-	N/A	13MO
MUFU UNION BANK NA	6/30/2000	8/6/2010	6/30/2000	-	-	6/30/2000	8/6/2010	-	-	-	N/A	13MO
NATL SEC CLEARING CORP	Aaa	AAA	AAA	-	AA	P-1	A-1+	F1+	-	A1+	10YR	13MO
NESTLE HOLDINGS INC	7/25/2016	9/22/2008	4/1/2021	-	8/12/2021	8/14/2013	8/15/2013	9/25/2008	-	8/12/2021	2YR	13MO
NESTLE CAPITAL CORP	Aa3 +	A +	A +	-	-	P-1	A-1 +	F1 +	-	-	2YR	13MO
NEXTERA ENERGY CAP HLDGS	Aaa	AA+	NR	-	-	P-1	A-1	NR	-	-	N/A	13MO
NIKE INC	5/27/2015	9/18/2015	-	-	-	5/27/2015	9/18/2015	-	-	-	10YR	N/A
NORTHERN TRUST CORP	Aa3	AA-	A+	-	-	-	-	-	-	-	N/A	13MO
NOVARTIS FINANCE CORP	NR	NR	NR	-	-	P-1	A-1+	F1+	-	-	N/A	13MO
PACCAR FINANCIAL CORP	11/6/2001	4/11/2001	9/7/2005	-	-	11/6/2001	4/11/2001	9/7/2005	-	-	N/A	7MO
PACIFIC LIFE SHORT TERM	Baa1	A-	A-	-	-	P-2	A-2	F2	-	-	N/A	7MO
PEPSICO INC	A1	A+	-	-	A-	P-1	A-1+	-	-	A1+	2YR	13MO
PFIZER INC	4/29/2008	11/6/2013	-	-	9/29/2021	2/21/2008	1/24/2014	-	-	9/29/2021	2YR	N/A
PNC FINANCIAL SERVICES GROUP	A2	A+	A+	AAL	A	WR	A-1	F1+	R-1M	A1+	2YR	N/A
PNC BANK NA	11/14/2013	12/6/2011	7/10/2020	3/18/2010	8/3/2021	9/15/2016	12/6/2011	4/28/2009	3/18/2010	8/3/2021	2YR	N/A
PROCTER & GAMBLE CO	NR	NR	NR	-	-	P-1	A-1+	NR	-	-	N/A	13MO
PRUDENTIAL FINANCIAL INC	6/30/2000	6/30/2000	-	-	-	6/30/2000	6/30/2000	-	-	-	N/A	13MO
PRUDENTIAL FUNDING LLC	A1	A+	-	-	A-	P-1	A-1	NR	-	-	2YR	13MO
ROCHE HOLDINGS INC	2/25/2009	4/29/2010	-	-	8/16/2021	6/30/2000	4/29/2010	-	-	-	2YR	13MO
STATE STREET CORP	-	-	-	-	-	P-1	A-1+	F1+	-	-	N/A	13MO
STANLEY BLACK & DECKER	A1	A+	WD	AH	A	P-1	A-1	NR	NR	A1+	2YR	13MO
TRUIST FINANCIAL CORP	5/15/2020	4/26/2017	8/12/2020	3/13/2020	10/8/2021	6/30/2000	2/27/2006	8/12/2020	10/6/2015	10/8/2021	2YR	13MO
TRUIST BANK	A2	A+	A	-	A	P-1	A-1+	F1	-	A1+	2YR	13MO
UNITED PARCEL SERV INC	11/16/2020	11/16/2020	8/1/2019	-	8/17/2021	6/30/2000	6/30/2000	9/23/2011	-	8/17/2021	2YR	N/A
VISA INC	A3	A	A	AH	A-	P-2	A-2	F1	R-1M	A1	2YR	N/A
WELLS FARGO & COMPANY	A2	A+	A+	AAL	A-	P-1	A-1	F1	-	-	2YR	13MO
WELLS FARGO BANK NA	6/19/2015	12/6/2011	12/5/2007	12/31/2008	-	6/19/2015	6/17/2009	1/27/2003	-	-	2YR	13MO
WELLS FARGO BANK NA	Aa3	AA-	NR	WR	AA-	P-1	A-1	F1	-	-	10YR	13MO
WELLS FARGO BANK NA	7/1/2005	5/10/2005	9/29/2005	2/12/2009	9/10/2021	6/30/2000	5/15/2003	9/29/2005	-	-	10YR	13MO
WELLS FARGO BANK NA	A3	A	A-	-	BBB+	P-2	A-1	F1	-	A1	N/A	13MO
WELLS FARGO BANK NA	6/30/2008	2/15/2006	11/15/2016	-	-	6/30/2008	2/15/2006	11/15/2016	-	-	N/A	13MO
WELLS FARGO BANK NA	A1	AA-	A+	-	-	P-1	A-1+	F1+	-	-	2YR	13MO
WELLS FARGO BANK NA	7/11/2013	11/30/2004	11/15/2016	-	-	7/11/2013	11/30/2004	11/15/2016	-	-	2YR	13MO
WELLS FARGO BANK NA	Aa3	AA	AA	-	-	P-1	A-1+	NR	-	-	10YR	13MO
WELLS FARGO BANK NA	2/8/2018	-	1/31/2013	-	-	3/9/2009	4/22/2009	-	-	-	10YR	13MO
WELLS FARGO BANK NA	Baa1	A	A-	-	BBB+	P-2	A-1	F1	-	A1+	N/A	13MO
WELLS FARGO BANK NA	4/16/2009	12/14/2010	9/23/2019	-	-	4/16/2009	12/14/2010	9/23/2019	-	-	N/A	13MO
WELLS FARGO BANK NA	A1	A	AA-	AA	A-	WR	A-1	F1+	R-1M	A1	10YR	N/A
WELLS FARGO BANK NA	4/19/2016	12/2/2015	8/14/2014	11/26/2019	10/7/2021	2/9/2016	1/20/2009	2/9/2009	11/11/2005	10/7/2021	10YR	N/A
WELLS FARGO BANK NA	WR	AA-	WD	AAH	-	P-1	A-1+	F1+	R-1H	-	10YR	N/A
WELLS FARGO BANK NA	10/19/2016	1/20/2009	3/11/2015	11/27/2019	-	7/1/1988	8/11/1988	2/9/2009	10/6/2006	-	N/A	13MO
WELLS FARGO BANK NA	NR	NR	NR	-	-	P-1	A-1+	NR	-	-	N/A	13MO
WELLS FARGO BANK NA	3/8/2005	3/15/2007	-	-	-	3/8/2005	3/15/2007	-	-	-	N/A	13MO
WELLS FARGO BANK NA	Aa2	AA-	AA-	AAH	A+	P-1	A-1+	F1+	R-1H	A1	10YR	N/A
WELLS FARGO BANK NA	7/12/2021	3/15/2007	6/28/2002	5/30/2019	10/20/2021	12/3/1979	3/15/2007	1/1/1988	10/6/2006	10/20/2021	10YR	N/A
WELLS FARGO BANK NA	A3	A-	A	AH	NR	WR	A-2	F1	R-1L	NR	13MO	N/A
WELLS FARGO BANK NA	12/9/2019	12/6/2011	7/10/2020	11/15/2010	12/17/2020	10/19/2016	12/6/2011	7/17/2009	11/15/2010	12/17/2020	13MO	N/A
WELLS FARGO BANK NA	A2	A	A+	AAL	-	P-1	A-1	F1	R-1M	-	13MO	N/A
WELLS FARGO BANK NA	12/9/2019	12/6/2011	7/17/2009	11/15/2010	-	2/7/2019	6/17/2009	7/17/2009	11/15/2010	-	13MO	N/A
WELLS FARGO BANK NA	A2	A	-	-	A-	P-1	A-2	NR	-	A1+	2YR	13MO
WELLS FARGO BANK NA	8/9/2019	5/8/2020	-	-	8/6/2021	6/30/2000	5/8/2020	-	-	8/6/2021	2YR	13MO
WELLS FARGO BANK NA	A3	A+	A	-	A-	P-2	A-1	F1	-	A1+	2YR	13MO
WELLS FARGO BANK NA	7/21/2011	11/3/2014	2/21/2020	-	10/7/2021	10/17/2006	9/24/2012	7/6/2015	-	10/7/2021	2YR	13MO
WELLS FARGO BANK NA	A2	A+	A+	AA	A-	P-1	A-1	F1+	R-1M	-	2YR	13MO
WELLS FARGO BANK NA	7/12/2021	8/20/2012	7/10/2020	10/26/2006	10/18/2021	8/3/2001	6/17/2009	-	4/4/2005	-	2YR	13MO
WELLS FARGO BANK NA	A1	AA-	AA-	AAH	-	P-1	A-1+	F1+	R-1H	-	10YR	13MO
WELLS FARGO BANK NA	8/20/2012	2/21/2018	10/26/2006	-	-	3/11/2004	8/20/2012	3/11/2004	10/6/2006	-	10YR	13MO
WELLS FARGO BANK NA	Aa3	AA-	-	-	-	P-1	A-1+	-	-	-	10YR	13MO
WELLS FARGO BANK NA	11/20/2018	-	-	-	-	3/26/2013	11/20/2018	-	-	-	10YR	13MO
WELLS FARGO BANK NA	A2	BBB+	A-	WR	BBB	P-1	A-2	F2	-	A2	1YR	13MO
WELLS FARGO BANK NA	10/8/2018	11/18/2020	5/6/2020	3/6/2009	8/25/2020	10/8/2018	4/29/2020	5/6/2020	-	8/25/2020	1YR	13MO
WELLS FARGO BANK NA	A1	BBB+	A+	AAL	BBB+	P-1	A-2	F1	R-1M	A1	13MO	13MO
WELLS FARGO BANK NA	7/12/2021	7/22/2020	10/3/2017	9/20/2017	10/18/2021	11/14/2013	2/7/2018	10/3/2017	1/1/2000	10/18/2021	13MO	13MO
WELLS FARGO BANK NA	Aa2	A+	AA-	AA	-	P-1	A-1	F1+	R-1H	-	13MO	N/A
WELLS FARGO BANK NA	5/14/2015	2/7/2018	10/3/2017	9/20/2017	-	12/26/1985	2/7/2018	10/30/1998	7/13/2005	-	13MO	N/A

October 20, 2021

Commercial Paper Programs	Tickers	CUSIPs	Commercial Paper Programs	Tickers	CUSIPs
3M COMPANY	MMMPP	88580C, D	INTEL CORPORATION	INTCRP	45826C, F
ABBOTT LABORATORIES	ABTPP	00282C, D	ILLINOIS TOOL WORKS INC	ILLTWI	4523EL, M
ABN AMRO FUNDING USA LLC	ABNFUN	00084B, C	ING (US) FUNDING LLC	INGFDG	4497W0, 1
ALLIANCEBERNSTEIN LP	ACPP	01854V, W	ING (US) FUNDING LLC	INGFDL	45685Q, R
ALPHABET INC	ALPHBT	02079N, Q	JOHNSON & JOHNSON	JNJPP	47816F, G
AMAZON.COM INC	AMZN	02314P, Q	JP MORGAN SECURITIES LLC	JPMSCC	46640P, Q
AMERICAN EXPRESS CREDIT	AXPCRD	02581R, S	JP MORGAN SECURITIES LLC	JPMSCP	46590D, E
APPLE INC	APPINC	03785D, E	L'OREAL USA INC	LOREAL	50211T, U
ARCHER DANIELS MIDLAND	ADMPP	03948G, H	LINDE INC	LINDE	53522L, M
AUTOMATIC DATA PROCESSNG	ADPPP	0530A2, 3	LVMH MOET HENNESSY LOUIS VUITTON INC	LVMHUS	55078T, U
BAKER HUGHES A GE CO LLC	BHGCEP	05722E, H	METLIFE FUNDING INC	METLF	59087A, B
BANK OF NEW YORK MELLON	BNYMEL	06406W, X	MERCK & CO INC	MRKCPP	58934A, B
BMW US CAPITAL LLC	BMWUSC	0556C2, 3	MICROSOFT CORP	MSFT	59515M, N
BOFA SECURITIES INC	BOFACP	06054N, P	MUFG UNION BANK NA	MUBCP	62478X, Y
BRISTOL-MYERS SQUIBB CO	BMYP	11012L, M	NATL SEC CLEARING CORP	NSCCPP	63763P, Q
CANADIAN IMPERIAL HOLDINGS INC	CANIBC	13609B, C	NESTLE CAPITAL CORP	NESCAP	64105E, F
CANADIAN IMPERIAL HOLDINGS INC	CANHLD	13607E, F	NESTLE CAPITAL CORP	NESCPP	64105G, H
CATERPILLAR INC	CATPP	14912P, Q	NEXTERA ENERGY CAP HLDGS	NEXERG	65339M, N
CATERILLAR FIN SERVE CRP	CATFIN	14912D, E	NIKE INC	NKEPP	6541E0, 1
CHEVRON CORP	CVXPP	16677J, K	NOVARTIS FINANCE CORP	NOVFPP	6698M4, 5
CISCO SYSTEMS INC	CSCO	17277A, B	PACCAR FINANCIAL CORP	PCAR	69372A, B
CITIGROUP GLOBAL MARKETS	CGMICP	17327A, B	PACIFIC LIFE SHORT TERM FNDG LLC	PLIFPP	69447L, M
COCA-COLA CO	KOPP	19121A, B	PEPSICO INC	PEPPP	71344T, U
COLGATE-PALMOLIVE CO	CL	19416E, F	PFIZER INC	PFEP	71708E, F
DANAHER CORP	DANAHR	23585L, M	PNC BANK NA	PNC	69349J, K
DEERE & COMPANY	DE	24419R, S	PROCTER & GAMBLE CO	PGPP	74271T, U
JOHN DEERE CAPITAL CORP	JDCCPP	24422L, M	PRUDENTIAL FINANCIAL INC	PFIPP	74432J, K
JOHN DEERE FINANCIAL INC	JDCRPP	24422C, D	PRUDENTIAL FUNDING LLC	PRU	74433G, H
JOHN DEERE FINANCIAL LTD	JDCLPP	24423M, N	ROCHE HOLDINGS INC	ROCHOL	77119L, M
ELI LILLY & CO	LLYPP	53245P, Q	STANLEY BLACK & DECKER INC	SWKPP	85462C, D
EXXON MOBIL CORP	XON	30229A, B	TORONTO DOMINION HDG USA	TDHUSA	89116E, F
FLORIDA POWER & LIGHT CO	FPL	34108A, B	TOTAL HOLDINGS USA	TOTUSA	89157J, K
GLAXOSMITHKLINE LLC	GSKCP	37737P, Q	UNITED PARCEL SERV INC	UPSPP	9113A2, 3
HERSHEY COMPANY	HSY	42786T, U	UNITEDHEALTH GROUP INC	UNH	91058T, U
HOME DEPOT INC	HDPP	43707L, M	US BANCORP ("II")	USBC	91160A, B
HONEYWELL INTERNATIONAL	HONIPP	43851T, U	US BANK NATL ASSOC	USBKMN	9033E0, 1
HP INC	HPINC	44331B, C	VISA INC	VISAPP	92828C, D
HSBC USA INC	HSBCUI	40434P, R	WALT DISNEY COMPANY	WALTPP	2546R2, 3
IBM CORP	IBMPP	45920F, G	WELLS FARGO & CO	WFCNEW	9497F0, 1

**State and IPTIP (IL Funds) Portfolios
Approved List of Issuers as of
October 20, 2021**

Repo Dealers	Long-Term					Short-Term				
	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	Moody's	S&P	Fitch	DBRS MORN	Egan Jones
BANK OF MONTREAL CHICAGO	Aa2	A+	NR	-	-	P-1	A-1	NR	-	-
BMO CAPITAL MKTS CRP/US	NR	NR	NR	-	-	NR	A-1	NR	-	-
BANK OF NOVA SCOTIA NYA	Aa2	A+	AA	-	-	P-1	A-1	F1+	-	-
CURVATURE SECURITIES LLC (STATE Portfolio Only)	-	-	-	-	-	-	-	-	-	-
DAIWA SECURITIES AMERICA	NR	-	NR	-	-	NR	NR	NR	-	-
HSBC SECURITIES USA INC	-	A+	-	-	-	-	A-1	-	-	-
MIZUHO SECURITIES USA	A1	A	NR	-	-	P-1	A-1	NR	-	-
NORTHERN TRUST COMPANY	Aa2	AA-	AA-	-	-	P-1	A-1+	F1+	R-1H	-
TRUIST FINANCIAL CORP	A3	A-	A	AH	NR	WR	A-2	F1	R-1L	NR
SUNTRUST ROBINSON HUMPH	NR	NR	NR	-	-	NR	NR	NR	-	-
Agencies	Long-Term					Short-Term				
	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	Moody's	S&P	Fitch	DBRS MORN	Egan Jones
Federal Agricultural Mortgage Corp. FARMER MAC	-	-	-	-	A 8/30/2021	-	-	-	-	A1 8/30/2021
FEDERAL FARM CREDIT BANKS	Aaa 8/2/2011	-	AAA 3/21/2014	-	-	P-1 10/11/1996	-	F1+ 3/21/2014	-	-
FEDERAL HOME LOAN BANKS	Aaa 8/2/2011	-	-	-	-	P-1 7/18/1994	-	-	-	-
Federal Home Loan Mortgage Corp. FREDDIE MAC	Aaa 8/2/2011	-	AAA 3/21/2014	-	A- 8/30/2021	P-1 6/2/1995	-	F1+ 3/21/2014	-	A1 8/30/2021
Federal National Mortgage Association FANNIE MAE	Aaa 8/2/2011	-	AAA 3/21/2014	-	A 8/30/2021	P-1 6/2/1995	-	F1+ 3/21/2014	-	A1+ 8/30/2021
TENNESSEE VALLEY AUTHORITY	Aaa 8/3/2011	AA+ 8/8/2011	-	-	-	-	-	-	-	-
Supranational Bonds	Long-Term					Short-Term				
	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	Moody's	S&P	Fitch	DBRS MORN	Egan Jones
AFRICAN DEVELOPMENT BANK	Aaa 3/23/1984	AAA 10/16/2018	AAA 10/7/1992	-	-	P-1 3/16/2000	-	F1+ 4/14/1998	-	-
ASIAN DEVELOPMENT BANK	Aaa 4/26/1982	AAA	AAA 8/2/2000	-	-	P-1 2/6/1990	A-1+	F1+ 8/2/2000	-	-
EUROPEAN BANK FOR RECONSTRUC	Aaa 9/25/1991	AAA	AAA 12/19/2002	-	-	P-1 7/10/1992	A-1+	F1+ 12/14/2005	-	-
INTERNATIONAL BANK FOR RECON	Aaa 4/2/1986	-	AAA 6/1/1988	-	-	P-1 11/1/2018	-	F1+ -	-	-
INTERNATIONAL FINANCE CORP	(P)Aaa 8/27/2010	AAA 12/27/2017	-	-	-	(P)P-1 8/27/2010	A-1+ 12/27/2017	-	-	-
INTER-AMERICAN DEV BANK	(P)Aaa 8/27/2010	-	AAA 8/11/1998	-	-	(P)P-1 8/27/2010	-	F1+ 12/14/2005	-	-
Money Market Funds	Long-Term					Short-Term				
	Moody's	S&P	Fitch	DBRS MORN	Egan Jones	Moody's	S&P	Fitch	DBRS MORN	Egan Jones
BLCKRCK LQ FD TMPFND-INST	Aaa-mf 5/21/2011	AAAm	-	-	-	-	-	-	-	-
DWS ESG LIQUIDITY FUND-INST	-	AAAm	-	-	-	-	-	-	-	-
FED HER INSTIT PRIME OBLG-IN	-	AAAm	-	-	AAAmmf	-	-	-	-	-
FED HERM US TREA CASH RES-IS	Aaa-mf 5/21/2011	AAAm	-	-	-	-	-	-	-	-
GLDMN SCHS FIN SQ GV-FST	Aaa-mf 5/21/2011	AAAm	-	-	-	-	-	-	-	-
INVESCO GVT & AGENCY-INST	Aaa-mf	AAAm	-	-	AAAmmf	-	-	-	-	-
JPM PRIME MMKT-ACADEMY	Aaa-mf 5/21/2011	AAAm	-	-	AAAmmf	-	-	-	-	-
MSILF GOVERNMENT-INST	Aaa-mf 5/21/2011	AAAm	-	-	AAAmmf	-	-	-	-	-
MSLIF ESG MNY MRKT-INST	-	AAAm	-	-	AAAmmf	-	-	-	-	-
NORTHERN INST GOVT SEL-WILL	Aaa-mf 5/21/2011	AAAm	-	-	-	-	-	-	-	-
WSTRN ASST INST GOVT-INST	WR 9/20/2016	AAAm	-	-	AAAmmf	-	-	-	-	-

Municipal Bonds	Moody's	Date	S&P	Date	Fitch	Date	BB Composite	Credit Enhancements
ADDISON IL	-	-	AA	5/22/2017	AA+	5/24/2017	AA	-
AURORA	-	-	AA	4/21/2017	-	-	-	-
BEDFORD PARK IL-REF	-	-	NR	12/2/2020	-	-	-	MAC
BOLINGBROOK PK DIST-A	Aa2	1/16/2019	-	-	-	-	-	-
BRADLEY VLG-TXBL	-	-	AA-	2/1/2021	-	-	-	-
BUFFALO GROVE VLG	-	-	AAA	3/3/2020	-	-	-	-
CAMPTON TWP-REF	-	-	AA	10/24/2017	-	-	-	-
CHAMPAIGN-REF	Aaa	12/6/2013	-	-	AAA	12/4/2013	AAA	-
CHAMPAIGN CO CUSD #4	-	-	AA	1/9/2020	-	-	-	-
CHAMPAIGN SD #116-B	-	-	AA-	9/8/2017	-	-	-	-
CHANNAHON-REF	Aa2	8/1/2011	-	-	-	-	-	-
CHICAGO HSG AUTH-B	-	-	AA-	8/16/2018	AA-	8/30/2018	AA-	HUD SEC 8
CHICAGO PK DIST-A-BAM	-	-	AA	4/30/2020	-	-	-	BAM-TCRS
CHICAGO WTRWKS-AGM	A2	6/15/2017	AA	6/15/2017	-	-	A+	AGM-CR
COLLINSVILLE-B-REF	Aa3	12/6/2017	-	-	-	-	-	-
COOK CLG #524-C-TXBL	Aa1	11/30/2015	-	-	-	-	-	-
COOK CNTY IL CMNTY HI	-	-	AA	5/4/2016	-	-	-	-
COOK CNTY IL HIGH SCH	WR	12/1/2020	-	-	-	-	-	-
COOK CNTY IL SCH DIST	-	-	AA	12/14/2018	-	-	-	BAM
COOK CNTY TWP IL HIGH	Aaa	9/16/2016	AAA	9/20/2016	-	-	AAA	-
COOK CO IL CCD #527	-	-	AA	5/30/2019	-	-	-	BAM
COOK CO SD #31-A-TXBL	Aa2	2/16/2018	-	-	-	-	-	-
COOK CO SD #64-CTFS	Aa2	3/17/2017	-	-	-	-	-	-
COOK CNTY IL SCH DIST	-	-	AA	1/26/2021	-	-	-	BAM
COOK CNTY SD #94	-	-	AA	7/10/2020	-	-	-	BAM
COOK CO SD #202-REF	Aaa	2/25/2016	-	-	-	-	-	-
COOK CO SD #205-C-REF	A1	4/13/2017	AA	4/21/2017	-	-	AA-	BAM
DECATUR PK DT-B	-	-	AA-	1/23/2017	-	-	-	-
DEKALB CO-REF-A	Aa1	10/8/2020	-	-	-	-	-	-
DU PAGE ETC SD-FGIC	Aa1	4/16/2010	-	-	-	-	AA+	-
DU PAGE SD #12-TXBL	Aa2	6/21/2021	AA	5/14/2015	-	-	AA	AGM
DU PAGE SD 2-TXB-C	-	-	NR	7/1/2020	-	-	-	-
DUPAGE SD #60-B-REF	-	-	AA+	11/16/2018	-	-	-	-
EVANSTON-C-TXBL	Aa2	9/20/2017	-	-	AA+	9/21/2017	AA	-
FULTON CO CMNTY SD #3	-	-	AA	2/19/2020	-	-	-	AGM
GRUNDY ETC SD #1-REF	Aa3	6/29/2017	-	-	-	-	-	-
GRUNDY ETC SD #201	WR	10/15/2020	-	-	-	-	-	-
GTR ROCKFORD ARPT-REF	Aa3	4/9/2021	AA	5/6/2021	-	-	AA-	AGM
HENRY ETC SD #228	-	-	AA	4/11/2018	-	-	-	BAM
ILLINOIS ST HSG DEV A	Aaa	11/13/2019	-	-	-	-	-	GNMA/FNMA/FHLMC COLL
KANE CO FOREST-B-TXBL	-	-	AA+	7/5/2017	-	-	-	-
KANE CO SD #129-B	WR	2/1/2021	NR	2/2/2021	-	-	-	AGM
KANE ETC SD #300-REF	-	-	AA	9/11/2015	-	-	-	-
KANKAKEE CO CMNTY -A	-	-	AA	6/28/2019	-	-	-	BAM
LAKE CO SD #50	Aa2	11/6/2017	AA+	11/9/2017	-	-	AA	-
LAKE ETC SD #118-REF	-	-	AA-	2/6/2019	-	-	-	-
LIBERTYVILLE VLG	Aa2	5/19/2021	-	-	-	-	-	-
MADISON CDD #536-B	-	-	AA	9/13/2017	-	-	-	AGM
MADISON SD #1-A-TXBL	-	-	AA-	12/2/2014	-	-	-	-
MARION CUSD #2-REF	-	-	AA	10/7/2020	-	-	-	BAM
MCHENRY IL-B-TXBL	Aa2	10/19/2020	-	-	-	-	-	-
MCLEAN ETC SD #5-A	Aa3	4/1/2021	-	-	-	-	-	-
MENARD ETC SD #213-A	-	-	AA	5/23/2018	-	-	-	AGM
MOLINE IL	A1	3/4/2020	AA	5/6/2020	-	-	AA-	AGM
NAPERVILLE PARK DT-A	Aaa	10/18/2018	-	-	-	-	-	-
NORTHBROOK VLG-A-REF	Aaa	1/5/2015	AAA	12/31/2014	-	-	AAA	-
OAK PARK-A-REF-TXBL	A1	3/5/2018	AA	3/2/2018	-	-	AA-	-
ORLAND PK-A-REF-TXBL	Aa1	4/10/2013	AA+	4/11/2013	-	-	AA+	-
PALATINE IL-D-REF	-	-	NR	12/2/2020	-	-	-	-
PARK RIDGE-REF-A	Aa2	2/19/2015	-	-	-	-	-	-
COOK CNTY HSD #220	A2	4/30/2020	AA	5/18/2020	-	-	A+	BAM
REGL TRN AUTH-A	A1	7/8/2021	AA	6/29/2010	AA+	12/16/2019	AA-	NATL
ROCK FALLS IL	-	-	NR	10/2/2021	-	-	-	AGM
ROCKFORD-C-REF-TXBL	A3	9/9/2019	AA	11/6/2018	-	-	A+	BAM
ROCK ISLAND	-	-	AA	9/30/2020	-	-	-	BAM
ROCK ISLAND CNTY IL M	A1	8/12/2020	AA	8/27/2020	-	-	AA-	AGM
ROCK ISLAND CUSD#40-A	Aa2	3/4/2020	-	-	-	-	-	-
ROSEMONT-A-TXBL	A2	1/20/2015	AA	1/15/2015	-	-	A+	AGM
SAINT CHARLES IL	Aa1	7/30/2020	-	-	-	-	-	-
ST CLAIR & WASHINGTON	-	-	AA	1/21/2021	-	-	-	AGM
SALES TAX SECURITIZTN	-	-	AA-	1/24/2020	AA-	10/28/2020	AA-	-
S HOLLAND-A-REF-TXBL	Aa3	3/23/2015	-	-	-	-	-	-
SKOKIE-A-REF-TXBL	WR	12/1/2020	-	-	NR	12/1/2020	-	-
SPARTA CUSD #140-TXBL	-	-	AA	9/29/2017	-	-	-	AGM
ST CLAIR CMNTY CLG -A	Aa3	10/8/2020	-	-	-	-	-	-
SAINT CLAIR CO IL #19	Aa3	10/26/2020	AA	11/19/2020	-	-	AA-	BAM
ST CLAIR SD 118-A	-	-	AA	9/16/2016	-	-	-	BAM
STHRN IL UNIV	-	-	AA	5/19/2021	-	-	-	BAM
SYCAMORE CUSD #427-C	-	-	AA	12/5/2019	-	-	-	AGM
VERMILION CO CONSOL	-	-	AA	9/3/2020	-	-	-	BAM
WILL CNTY IL CMNTY CO	-	-	AA	4/27/2018	-	-	-	-
WILL CO SD #30C-B-REF	WR	10/1/2021	-	-	-	-	-	-
WILL ETC CCD #525	Aa2	6/5/2018	-	-	-	-	-	-
WILL ETC COS SD 207-A	Aa3	11/1/2018	-	-	-	-	-	-
WILL ETC SD #202-C	Aa2	2/15/2018	-	-	-	-	-	-
WINNEBAGO CO-D-REF	Aa3	3/9/2021	-	-	-	-	-	-
WINNETKA VLG-REF-TXBL	Aaa	10/14/2020	-	-	-	-	-	-
WOOD DALE-A	-	-	NR	12/31/2020	-	-	-	-
WOODFORD ETC CUSD #6	-	-	AA	12/9/2020	-	-	-	BAM

NATIONALLY RECOGNIZED STATISTICAL RATINGS ORGANIZATION SCALE

	Description	Moody's		S&P		Fitch		DBRS/MORN		Egan-Jones		IST Investment Limits	
		LT	ST	LT	ST	LT	ST	LT	ST	LT	ST		
Investment Grade	Prime	Aaa	P-1	AAA	A-1+	AAA	F1+	AAA	R-1 (H)	AAA	A1+	Supranational Bonds, MMFs, U.S. Agencies & Treasuries ↑	
	High Grade	Aa1		AA+		AA+		AA (H)		AA+			
		Aa2		AA		AA		AA	AA				
		Aa3	AA-	AA-	AA (L)	AA-	R-1 (M)						
	Upper Medium Grade	A1	A+	A+	A (H)	A+		R-1 (L)					
		A2	A	A	A	A							
		A3	A-	A-	A (L)	A-	A2						
	Lower Medium Grade	Baa1	P-2	BBB+	BBB+	F2		BBB (H)	R-2 (H)	BBB+	A3		Municipal Bonds ↑ Foreign Bonds ↑ Corporate Bonds ↑ Repo, Commercial Paper ↑
		Baa2	P-3	BBB	BBB	F3		BBB	R-2 (M)	BBB			
Baa3		BBB-		A-3	BBB-		BBB (L)	R-2 (L) R-3	BBB-				
High Yield	Non-Investment Grade	Ba1	Not Prime	BB+	B	B	B	BB (H)	R-4	BB+	B		
		Ba2		BB				BB		BB		BB	
		Ba3		BB-				BB-		BB (L)		BB-	
	Highly Speculative	B1		B+	B+	B (H)	B+	R-5					
		B2		B	B	B	B						
		B3		B-	B-	B (L)	B-						
	Substantial Risks	Caa1		CCC+	C	CCC+	C	CCC	CCC+	C			
		Caa2		CCC		CCC			CCC				
		Caa3		CCC-		CCC-			CCC-				
	Extremely Speculative	Ca		CC	CC	CC	CC	CC					
	Default Imminent			C	C	C	C						
	In Default			C	RD	DDD	D	D	D				
		-		SD	DD								
		-		D	D								

LEGEND OF ABBREVIATIONS	
LT	Long-Term
ST	Short-Term
(H)	High
(M)	Medium
(L)	Low

ADDITIONAL NOTES/CONSIDERATIONS	
AA and above Corporate Bonds:	10 year maximum
Single A Corporate Bonds:	2 year maximum
Commercial Paper:	13 month maximum
Supra, U.S. Agency, Treasury, Municipal Bonds:	10 year maximum
Foreign Bonds:	5 year maximum