



MEMORANDUM

To: Members of the Audit Committee

From: Mary Hom
Chief Risk Officer

Date: September 28, 2021

Re: Counterparty Credit Risk Exposure

Please find attached an unaudited report detailing the Corporation's counterparty exposure as of August 31, 2021. The previous report to the Audit Committee was dated April 30, 2021.

There were no rating agency actions of note, and there were no new approved counterparties.

HDC's counterparty exposure remains diversified with the largest exposures continuing to be with FNMA and FHLMC.

Investments rated double-A or higher were 52% of total investments, versus 48% at the last report. Investments rated triple-B or not rated were 27% of total investments, versus 32% at the last report, and are fully collateralized by high quality U.S. Treasury/Agency securities and/or FHLB letters-of-credit.

HDC exposure to liquidity providers was \$390.9 million, up from \$348.8 million at the last report. Since the last report, HDC added a \$100 million Barclays Bank line for the 2021 Series F-3 bonds, while the \$57.69 million Wells Fargo line expired with the redemption of the 2017 Series C-4 bonds.

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Counterparty Credit Risk Exposure Report as of August 31, 2021
(UNAUDITED)

Counterparty	Moody's	S&P	Construction LOC	Permanent Enhancement	Investment	Liquidity Providers	TOTAL COUNTERPARTY EXPOSURE	% Total Counterparty Exposure
Bank of America NA	Aa2	A+	\$551,525,000	\$19,200,000			\$570,725,000	3.50%
Bank of New York Mellon NA	Aa1	AA-	\$242,145,000				\$242,145,000	1.49%
Bank OZK	NR	NR			\$57,241,395		\$57,241,395	0.35%
Barclays Bank	A1	A				\$100,000,000	\$100,000,000	0.61%
Bayerische Landesbank	Aa3	NR			\$8,817,698		\$8,817,698	0.05%
Bridgehampton National Bank	NR	NR			\$252,588,718		\$252,588,718	1.55%
Capital One Bank	A1	BBB+		\$22,700,000			\$22,700,000	0.14%
Citibank NA	Aa3	A+	\$900,670,000	\$242,643,809	\$29,824,394		\$1,173,138,203	7.20%
Customers Bank	NR	NR			\$425,586,825		\$425,586,825	2.61%
Daiwa Securities	A3	A-			\$81,898,000		\$81,898,000	0.50%
Deutsche Bank	A3	BBB+		\$55,000,000			\$55,000,000	0.34%
Dime Savings Bank	NR	NR			\$78,137,627		\$78,137,627	0.48%
Dormitory Authority of the State of NY (DASNY)	Aa1	AAA			\$16,440,000		\$16,440,000	0.10%
Flushing Bank	NR	NR			\$34,277		\$34,277	0.00%
Goldman Sachs Bank	A1	A+	\$225,210,000				\$225,210,000	1.38%
Hanover Bank	NR	NR			\$44,693,967		\$44,693,967	0.27%
HDC	Aa2	AA	\$311,919,513				\$311,919,513	1.92%
JPMorgan Chase Bank NA	Aa1	A+	\$741,310,000	\$9,010,000			\$750,320,000	4.61%
Lakeland Bank	NR	NR			\$39,373,331		\$39,373,331	0.24%
Landesbank Baden-Wuerttemberg	Aa3	NR		\$70,000,000			\$70,000,000	0.43%
Mizuho Securities	A1	A			\$3,674,000		\$3,674,000	0.02%
NYC Transitional Finance Authority	Aa1	AAA			\$91,185,367		\$91,185,367	0.56%
NY Community Bank	A3	BBB-			\$563,565,565		\$563,565,565	3.46%
NYS HFA	NR	A			\$2,415,000		\$2,415,000	0.01%
People's United Bank	A2	A-			\$18,360,033		\$18,360,033	0.11%
Promontory (FDIC-insured)	Aaa	AA+			\$30,187,521		\$30,187,521	0.19%
Rabobank	Aa3	A+			\$4,164,265		\$4,164,265	0.03%
REMIC	NR	AA		\$359,359,269			\$359,359,269	2.21%
Royal Bank of Canada	Aa2	AA-				\$125,000,000	\$125,000,000	0.77%
Signature Bank	A2	NR			\$1,082,852,547		\$1,082,852,547	6.65%
Societe Generale	A1	A			\$638,472		\$638,472	0.00%
SONYMA	Aaa/Aa1	NR		\$483,123,259	\$54,240,000		\$537,363,259	3.30%
Sterling National Bank	NR	NR			\$51,570,848		\$51,570,848	0.32%
TD Bank NA	Aa2	AA-	\$213,565,000		\$452,067,648	\$80,000,000	\$745,632,648	4.58%
US Agency:	Aaa	AA+	\$32,525,000	\$4,009,658,327	\$2,257,062,625		\$6,299,245,952	38.68%
FFCB					\$634,355,000		\$634,355,000	3.90%
FHA/HUD				\$516,670,663			\$516,670,663	3.17%
FHLB			\$32,525,000		\$734,370,000		\$766,895,000	4.71%
FHLMC				\$1,273,691,171	\$737,972,714		\$2,011,663,885	12.35%
FNMA				\$2,219,296,493	\$132,799,633		\$2,352,096,126	14.44%
GNMA					\$17,565,278		\$17,565,278	0.11%
US Treasury	Aaa	AA+			\$10,597,000		\$10,597,000	0.07%
Wells Fargo Bank NA	Aa1	A+	\$1,747,505,007			\$85,950,000	\$1,833,455,007	11.26%
TOTAL			\$4,966,374,520	\$5,270,694,664	\$5,657,217,123	\$390,950,000	\$16,285,236,307	100.00%

*Counterparty Exposures Above 10% Are Highlighted

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Counterparty Credit Risk Exposure Report as of August 31, 2021
(UNAUDITED)

Municipal Investments:				
Issuer			Amount	
Dormitory Authority of the State of NY			\$16,440,000	
NYC TFA			\$91,185,367	
NYS HFA			\$2,415,000	
SONYMA			\$54,240,000	
Total Municipal Investments			\$164,280,367	
Exposure to Counterparties Rated A-Minus and Below, or Not-Rated:				
Counterparty	Type of Exposure		Amount	% Total Counterparty Exposure
Bank OZK*	Money Market		\$57,241,395	0.35%
Bridgehampton National Bank*	Money Market		\$252,588,718	1.55%
Capital One Bank	Permanent Enhancement		\$22,700,000	0.14%
Customers Bank*	Money Market		\$425,586,825	2.61%
Daiwa Securities*	Repo		\$81,898,000	0.50%
Deutsche Bank*	Repo/Perm Enhancement		\$55,000,000	0.34%
Dime Savings Bank*	Money Market		\$78,137,627	0.48%
Flushing Bank*	Money Market		\$34,277	0.00%
Hanover Bank*	Money Market		\$44,693,967	0.27%
Lakeland Bank*	Money Market		\$39,373,331	0.24%
NY Community Bank*	Money Market		\$563,565,565	3.46%
People's United Bank*	Money Market		\$18,360,033	0.11%
Sterling National Bank*	Money Market		\$51,570,848	0.32%
TOTAL			\$1,690,750,586	10.38%
<i>*Fully- or over-collateralized by FHLB LOC and/or US Treasury/Agency securities</i>				
Country Exposure (Ex-U.S.):				
Country	Type		\$ Amount	% Total Counterparty Exposure
Canada (TD Bank/Royal Bank of Canada)	LOC/GIC/Liq		\$870,632,648	5.35%
France (Societe Generale)	GIC		\$638,472	0.00%
Germany (Bayerische Landesbank/Deutsche/LBW)	GIC/LOC		\$133,817,698	0.82%
Japan (Daiwa/Mizuho)	RP		\$85,572,000	0.53%
Netherlands (Rabobank Nederland)	GIC		\$4,164,265	0.03%
UK (Barclays Bank)	Liq		\$100,000,000	0.61%
TOTAL			\$1,194,825,083	7.34%

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Credit Enhancement Diversification as of August 31, 2021
(UNAUDITED)

CONSTRUCTION PROJECTS

Provider	Moody's	S&P	Enhancement During Construction:			Expected Permanent Enhancement:		
			Number of Projects	LOC Amount	% of Total During Construction	Number of Projects	Expected Permanent Enhanced or Insured Amount	% of Total During Permanent
Bank of America	Aa2	A+	12	\$551,525,000	11.11%	0	\$0	0.00%
Bank of New York Mellon	Aa1	AA-	5	\$242,145,000	4.88%	0	\$0	0.00%
Citibank	Aa3	A+	16	\$900,670,000	18.14%	0	\$0	0.00%
FHA	Aaa	AA+	0	\$0	0.00%	33	\$1,174,342,000	64.09%
FHLB	Aaa	AA+	1	\$32,525,000	0.65%	0	\$0	0.00%
FHLMC*	Aaa	AA+	0	\$0	0.00%	4	\$312,128,500	17.03%
Goldman Sachs Bank	A1	A+	2	\$225,210,000	4.53%	0	\$0	0.00%
HDC	Aa2	AA	15	\$311,919,513	6.28%	0	\$0	0.00%
JPMorgan Chase	Aa1	A+	18	\$741,310,000	14.93%	0	\$0	0.00%
NONE	NR	NR	2	\$0	0.00%	0	\$0	0.00%
REMIC	NR	AA	0	\$0	0.00%	52	\$184,476,503	10.07%
SONYMA	Aa1	NR	0	\$0	0.00%	10	\$161,362,500	8.81%
TD Bank NA	Aa2	AA-	4	\$213,565,000	4.30%	0	\$0	0.00%
Wells Fargo	Aa1	A+	21	\$1,747,505,007	35.19%	0	\$0	0.00%
TOTAL			96	\$4,966,374,520	100.00%	99	\$1,832,309,503	100.00%

In Construction:	
Rating	% of Total
AAA	0.00%
AA	16.11%
A	83.89%
TOTAL	100.00%

*Three projects with FHLMC are risk share with HDC

PERMANENT LOANS WITH ENHANCEMENT

Provider	Moody's	S&P	Number of Projects	Current Principal Amount	Enhanced Amount	% of Total Permanent
						Enhanced Amount
Bank of America	Aa2	A+	1	\$19,200,000	\$19,200,000	0.36%
Capital One	A1	BBB+	1	\$22,700,000	\$22,700,000	0.43%
Citibank	Aa3	A+	24	\$242,643,809	\$242,643,809	4.60%
Deutsche Bank	A3	BBB+	1	\$55,000,000	\$55,000,000	1.04%
FHA	Aaa	AA+	36	\$732,701,244	\$516,670,663	9.80%
FHLMC	Aaa	AA+	33	\$1,314,010,671	\$1,273,691,171	24.17%
FNMA	Aaa	AA+	42	\$2,219,296,493	\$2,219,296,493	42.11%
JPMorgan Chase	Aa1	A+	2	\$9,010,000	\$9,010,000	0.17%
Landesbank Baden Wuer	Aa3	NR	1	\$70,000,000	\$70,000,000	1.33%
REMIC*	NR	AA	254	\$1,766,810,628	\$359,359,269	6.82%
SONYMA	Aa1	NR	75	\$776,551,011	\$483,123,259	9.17%
TOTAL			470	\$7,227,923,856	\$5,270,694,664	100.00%

In Permanent:	
Rating	% of Total
AAA	0.00%
AA	93.39%
A	5.14%
BBB	1.47%
TOTAL	100.00%

*Unenhanced portion totals approximately \$1.4 billion

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Investment Summary as of August 31, 2021
(UNAUDITED)

Investment Securities & Repo-By Rating:

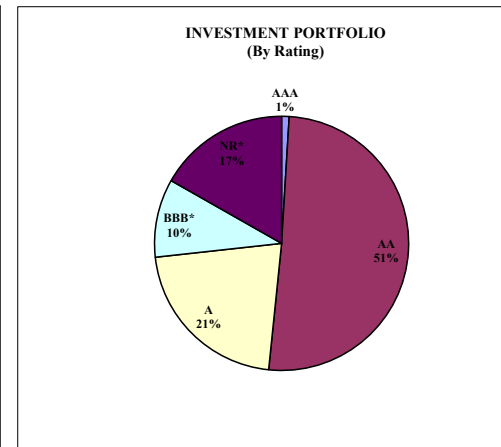
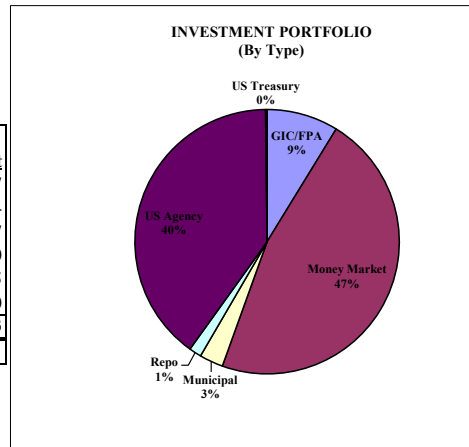
Counterparty	Type	Amount	NRSRO Rating-August 31, 2021:				
			AAA	AA	A	BBB*	NR*
Bank OZK	MM	\$57,241,395					\$57,241,395
Bayerische Landesbank	GIC	\$8,817,698		\$8,817,698			
Bridgehampton National Bank	MM	\$252,588,718					\$252,588,718
Citibank NA	FPA	\$29,824,394			\$29,824,394		
Customers Bank	MM	\$425,586,825					\$425,586,825
Daiwa Securities	REPO	\$81,898,000			\$81,898,000		
Dime Savings Bank	MM	\$78,137,627					\$78,137,627
Dormitory Authority of the State of NY	MUNI	\$16,440,000		\$16,440,000			
Flushing Bank	MM	\$34,277					\$34,277
Hanover Bank	MM	\$44,693,967					\$44,693,967
Lakeland Bank	MM	\$39,373,331					\$39,373,331
Mizuho Securities	REPO	\$3,674,000			\$3,674,000		
NYC TFA	MUNI	\$91,185,367		\$91,185,367			
NY Community Bank	MM	\$563,565,565				\$563,565,565	
NYS HFA	MUNI	\$2,415,000			\$2,415,000		
People's United Bank	MM	\$18,360,033			\$18,360,033		
Promontory	MM	\$30,187,521		\$30,187,521			
Rabobank	GIC	\$4,164,265			\$4,164,265		
Signature Bank	MM	\$1,082,852,547			\$1,082,852,547		
Societe Generale	GIC	\$638,472			\$638,472		
SONYMA	MUNI	\$54,240,000	\$54,240,000				
Sterling National Bank	MM	\$51,570,848					\$51,570,848
TD Bank	GIC	\$452,067,648		\$452,067,648			
US Agency	US Agency	\$2,257,062,625		\$2,257,062,625			
US Treasury	US Treasury	\$10,597,000		\$10,597,000			
		\$5,657,217,123	\$54,240,000	\$2,866,357,859	\$1,223,826,711	\$563,565,565	\$949,226,988
% of Total		100.00%	0.96%	50.67%	21.63%	9.96%	16.78%

*BBB and NR exposures are fully-collateralized

Weighted Average Maturity (Years): 3.48

Investment Portfolio-By Type of Investment:

	% Total	Amount
GIC/FPA	8.76%	\$495,512,477
Money Market	46.74%	\$2,644,192,654
Municipal	2.90%	\$164,280,367
Repo	1.51%	\$85,572,000
US Agency	39.90%	\$2,257,062,625
US Treasury	0.19%	\$10,597,000
Total	100.00%	\$5,657,217,123



NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Liquidity Providers as of August 31, 2021
(UNAUDITED)

BARCLAYS BANK

<u>Issue</u>	<u>Amount</u>
2021 F-3	\$100,000,000
	\$100,000,000

ROYAL BANK OF CANADA

<u>Issue</u>	<u>Amount</u>
2019 A-4	\$30,000,000
2019 E-3	\$45,000,000
2020 E	\$11,510,000
2020 F-2	\$38,490,000

\$125,000,000

TD BANK

<u>Issue</u>	<u>Amount</u>
2020 I-3	\$80,000,000
	\$80,000,000

WELLS FARGO BANK

<u>Issue</u>	<u>Amount</u>
2017 G-3	\$85,950,000
	\$85,950,000

Diversification:	<u>Amount</u>	<u>% Total</u>
Barclays Bank	\$100,000,000	25.58%
Royal Bank of Canada	\$125,000,000	31.97%
TD Bank	\$80,000,000	20.46%
Wells Fargo Bank	\$85,950,000	21.98%
TOTAL	\$390,950,000	100.00%