



MEMORANDUM

To: Members of the Audit Committee

From: Mary Hom
Chief Risk Officer

Date: November 22, 2022

Re: Counterparty Credit Risk Exposure

Please find attached an unaudited report detailing the Corporation's counterparty exposure as of October 31, 2022. The previous report to the Audit Committee was dated September 30, 2022.

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 being with FNMA, FHLMC, and Wells Fargo. The Wells Fargo exposure is primarily in the form of construction letters-of-credit covering 22 projects.

Investments rated double-A or higher were 59% of total investments, unchanged since the last report. Investments rated triple-B or not rated were 13% of total investments, unchanged since 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 approximately \$384 million, unchanged since the last report.

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Counterparty Credit Risk Exposure Report as of October 31, 2022
(UNAUDITED)

Counterparty	Moody's	S&P	Construction LOC	Permanent Enhancement	Investment	Liquidity Providers	TOTAL	% Total
							COUNTERPARTY EXPOSURE	Counterparty Exposure
Bank of America NA	Aa2	A+	\$501,290,000	\$19,200,000			\$520,490,000	3.10%
Bank of New York Mellon NA	Aa1	AA-	\$395,035,000				\$395,035,000	2.36%
Bank OZK	A3	NR			\$93,570,532		\$93,570,532	0.56%
Barclays Bank	A1	A				\$178,720,000	\$178,720,000	1.07%
Bayerische Landesbank	Aa3	NR			\$9,287,392		\$9,287,392	0.06%
Bridgehampton National Bank (now Dime Community)	A3	NR			\$353,667,771		\$353,667,771	2.11%
Capital One Bank	A1	BBB+		\$22,700,000			\$22,700,000	0.14%
Citibank NA	Aa3	A+	\$1,020,410,000	\$228,892,782	\$29,048,498		\$1,278,351,280	7.63%
Customers Bank	NR	NR			\$13,794,080		\$13,794,080	0.08%
Daiwa Securities	A3	A-			\$63,241,000		\$63,241,000	0.38%
Deutsche Bank	A1	A-		\$55,000,000			\$55,000,000	0.33%
Dime Community Bank	A3	NR			\$26,178,785		\$26,178,785	0.16%
Dormitory Authority of the State of NY (DASNY)	Aa1	AAA			\$16,440,000		\$16,440,000	0.10%
Flushing Bank	NR	NR			\$77,233,146		\$77,233,146	0.46%
Goldman Sachs Bank	A1	A+	\$225,210,000				\$225,210,000	1.34%
Hanover Bank	NR	NR			\$65,412,990		\$65,412,990	0.39%
HDC	Aa2	AA	\$344,944,513				\$344,944,513	2.06%
JPMorgan Chase Bank NA	Aa1	A+	\$1,109,696,667	\$8,410,000			\$1,118,106,667	6.67%
Lakeland Bank	NR	NR			\$3,941,285		\$3,941,285	0.02%
Landesbank Baden-Wuerttemberg	Aa3	NR		\$70,000,000			\$70,000,000	0.42%
NYC Transitional Finance Authority	Aa1	AAA			\$67,625,413		\$67,625,413	0.40%
NY Community Bank	A3	BBB-			\$229,374,575		\$229,374,575	1.37%
NYS HFA	NR	A			\$2,415,000		\$2,415,000	0.01%
Promontory (FDIC-insured)	Aaa	AA+			\$87,816,170		\$87,816,170	0.52%
REMIC	NR	AA		\$383,385,138			\$383,385,138	2.29%
Royal Bank of Canada	Aa1	AA-				\$125,000,000	\$125,000,000	0.75%
Signature Bank	A2	NR			\$891,610,987		\$891,610,987	5.32%
Societe Generale	A1	A			\$791,727		\$791,727	0.00%
SONYMA	Aaa/Aa1	NR		\$463,622,446	\$64,240,000		\$527,862,446	3.15%
Sterling National Bank (now Webster Bank)	A1	BBB+			\$268,607,794		\$268,607,794	1.60%
TD Bank NA	Aa2	AA-	\$305,205,000		\$236,745,625	\$80,000,000	\$621,950,625	3.71%
US Agency:	Aaa	AA+		\$3,995,128,098	\$2,583,406,572		\$6,578,534,670	39.24%
FFCB					\$731,105,000		\$731,105,000	4.36%
FHA/HUD				\$657,783,707			\$657,783,707	3.92%
FHLB					\$1,011,990,000		\$1,011,990,000	6.04%
FHLMC				\$1,292,157,618	\$690,381,420		\$1,982,539,038	11.83%
FNMA				\$2,045,186,773	\$132,900,000		\$2,178,086,773	12.99%
GNMA					\$17,030,152		\$17,030,152	0.10%
US Treasury	Aaa	AA+			\$13,981,000		\$13,981,000	0.08%
Wells Fargo Bank NA	Aa1	A+	\$2,034,812,253				\$2,034,812,253	12.14%
TOTAL			\$5,936,603,433	\$5,246,338,464	\$5,198,430,342	\$383,720,000	\$16,765,092,239	100.00%

*Counterparty Exposures Above 10% Are Highlighted

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Counterparty Credit Risk Exposure Report as of October 31, 2022
(UNAUDITED)

Municipal Investments:			
Issuer		Amount	
Dormitory Authority of the State of NY		\$16,440,000	
NYC TFA		\$67,625,413	
NYS HFA		\$2,415,000	
SONYMA		\$64,240,000	
Total Municipal Investments		\$150,720,413	
Exposure to Counterparties Rated A-Minus and Below, or Not-Rated:			
Counterparty	Type of Exposure	Amount	% Total Counterparty Exposure
Bank OZK*	Money Market	\$93,570,532	0.56%
Bridgehampton National Bank*	Money Market	\$353,667,771	2.11%
Capital One Bank	Permanent Enhancement	\$22,700,000	0.14%
Customers Bank*	Money Market	\$13,794,080	0.08%
Daiwa Securities*	Repo	\$63,241,000	0.38%
Deutsche Bank*	Repo/Perm Enhancement	\$55,000,000	0.33%
Dime Community Bank*	Money Market	\$26,178,785	0.16%
Flushing Bank*	Money Market	\$77,233,146	0.46%
Hanover Bank*	Money Market	\$65,412,990	0.39%
Lakeland Bank*	Money Market	\$3,941,285	0.02%
NY Community Bank*	Money Market	\$229,374,575	1.37%
Sterling National Bank*	Money Market	\$268,607,794	1.60%
TOTAL		\$1,272,721,958	7.59%
<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	\$746,950,625	4.46%
France (Societe Generale)	GIC	\$791,727	0.00%
Germany (Bayerische Landesbank/Deutsche/LBW)	GIC/LOC	\$134,287,392	0.80%
Japan (Daiwa)	RP	\$63,241,000	0.38%
UK (Barclays Bank)	Liq	\$178,720,000	1.07%
TOTAL		\$1,123,990,744	6.70%

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Credit Enhancement Diversification as of October 31, 2022
(UNAUDITED)

CONSTRUCTION PROJECTS

Provider	Moody's	S&P	Enhancement During Construction:			Expected Permanent Enhancement:		
			Number of Projects	Enhanced Amount	% of Total During Construction	Number of Projects	Expected Permanent Enhanced or Insured Amount	% of Total During Permanent
Bank of America	Aa2	A+	9	\$501,290,000	8.44%	0	\$0	0.00%
Bank of New York Mellon	Aa1	AA-	8	\$395,035,000	6.65%	0	\$0	0.00%
Citibank	Aa3	A+	16	\$1,020,410,000	17.19%	0	\$0	0.00%
FHA	Aaa	AA+	0	\$0	0.00%	32	\$1,644,477,500	70.91%
FHLMC*	Aaa	AA+	0	\$0	0.00%	4	\$312,128,500	13.46%
Goldman Sachs Bank	A1	A+	2	\$225,210,000	3.79%	0	\$0	0.00%
HDC	Aa2	AA	16	\$344,944,513	5.81%	0	\$0	0.00%
JPMorgan Chase	Aa1	A+	16	\$1,109,696,667	18.69%	0	\$0	0.00%
NONE	NR	NR	1	\$0	0.00%	0	\$0	0.00%
REMIC	NR	AA	0	\$0	0.00%	55	\$201,038,503	8.67%
SONYMA	Aa1	NR	0	\$0	0.00%	10	\$161,362,500	6.96%
TD Bank NA	Aa2	AA-	6	\$305,205,000	5.14%	0	\$0	0.00%
Wells Fargo	Aa1	A+	22	\$2,034,812,253	34.28%	0	\$0	0.00%
TOTAL			96	\$5,936,603,433	100.00%	101	\$2,319,007,003	100.00%

In Construction:	
Rating	% of Total
AAA	0.00%
AA	17.61%
A	82.39%
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	0.37%
Capital One	A1	BBB+	1	\$22,700,000	\$22,700,000	0.43%
Citibank	Aa3	A+	22	\$228,892,782	\$228,892,782	4.36%
Deutsche Bank	A1	A-	1	\$55,000,000	\$55,000,000	1.05%
FHA	Aaa	AA+	44	\$962,771,411	\$657,783,707	12.54%
FHLMC	Aaa	AA+	31	\$1,341,592,794	\$1,292,157,618	24.63%
FNMA	Aaa	AA+	36	\$2,045,186,773	\$2,045,186,773	38.98%
JPMorgan Chase	Aa1	A+	2	\$8,410,000	\$8,410,000	0.16%
Landesbank Baden Wuer	Aa3	NR	1	\$70,000,000	\$70,000,000	1.33%
REMIC*	NR	AA	261	\$1,894,922,804	\$383,385,138	7.31%
SONYMA	Aa1	NR	74	\$749,985,510	\$463,622,446	8.84%
TOTAL			474	\$7,398,662,074	\$5,246,338,464	100.00%

In Permanent:	
Rating	% of Total
AAA	0.00%
AA	93.63%
A	5.94%
BBB	0.43%
TOTAL	100.00%

*Unenhanced portion totals approximately \$1.5 billion

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Investment Summary as of October 31, 2022
 (UNAUDITED)

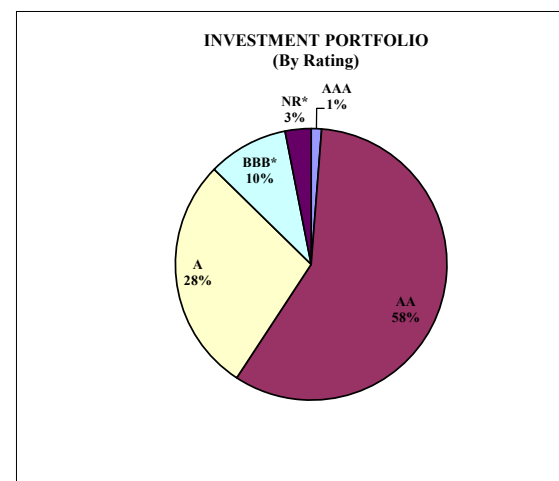
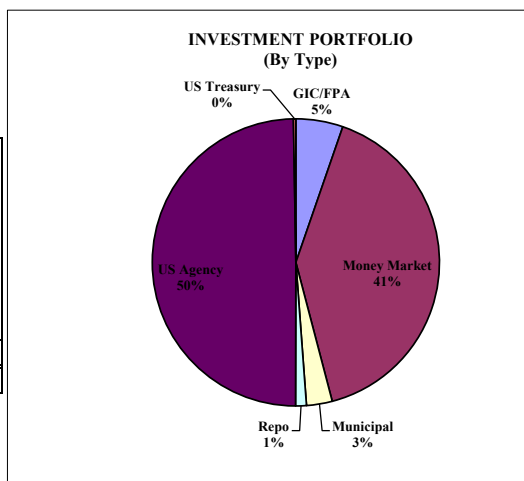
Investment Securities & Repo-By Rating:

Counterparty	Type	Amount	NRSRO Rating-October 31, 2022:				
			AAA	AA	A	BBB*	NR*
Bank OZK	MM	\$93,570,532			\$93,570,532		
Bayerische Landesbank	GIC	\$9,287,392		\$9,287,392			
Bridgeman National Bank	MM	\$353,667,771			\$353,667,771		
Citibank NA	FPA	\$29,048,498			\$29,048,498		
Customers Bank	MM	\$13,794,080					\$13,794,080
Daiwa Securities	REPO	\$63,241,000			\$63,241,000		
Dime Community Bank	MM	\$26,178,785			\$26,178,785		
Dormitory Authority of the State of NY	MUNI	\$16,440,000		\$16,440,000			
Flushing Bank	MM	\$77,233,146					\$77,233,146
Hanover Bank	MM	\$65,412,990					\$65,412,990
Lakeland Bank	MM	\$3,941,285					\$3,941,285
NYC TFA	MUNI	\$67,625,413		\$67,625,413			
NY Community Bank	MM	\$229,374,575				\$229,374,575	
NYS HFA	MUNI	\$2,415,000			\$2,415,000		
Promontory	MM	\$87,816,170		\$87,816,170			
Signature Bank	MM	\$891,610,987			\$891,610,987		
Societe Generale	GIC	\$791,727			\$791,727		
SONYMA	MUNI	\$64,240,000	\$64,240,000				
Sterling National Bank	MM	\$268,607,794				\$268,607,794	
TD Bank	GIC	\$236,745,625		\$236,745,625			
US Agency	US Agency	\$2,583,406,572		\$2,583,406,572			
US Treasury	US Treasury	\$13,981,000		\$13,981,000			
		\$5,198,430,342	\$64,240,000	\$3,015,302,172	\$1,460,524,300	\$497,982,369	\$160,381,501
% of Total		100.00%	1.24%	58.00%	28.10%	9.58%	3.09%

*BBB and NR exposures are fully-collateralized

Weighted Average Maturity (Years): 3.48

Investment Portfolio-By Type of Investment:		
	% Total	Amount
GIC/FPA	5.31%	\$275,873,242
Money Market	40.61%	\$2,111,208,115
Municipal	2.90%	\$150,720,413
Repo	1.22%	\$63,241,000
US Agency	49.70%	\$2,583,406,572
US Treasury	0.27%	\$13,981,000
Total	100.00%	\$5,198,430,342



NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Liquidity Providers as of October 31, 2022
(UNAUDITED)

BARCLAYS BANK		
Issue	Expiration	Amount
2021 F-3	6/23/2026	\$100,000,000
2021 K-3	12/21/2026	\$50,000,000
2022 C-3	6/18/2027	\$28,720,000
		<u><u>\$178,720,000</u></u>

ROYAL BANK OF CANADA		
Issue	Expiration	Amount
2019 A-4	4/18/2024	\$30,000,000
2019 E-3	6/25/2024	\$45,000,000
2020 E	8/19/2025	\$11,510,000
2020 F-2	8/19/2025	\$38,490,000
		<u><u>\$125,000,000</u></u>

TD BANK		
Issue	Expiration	Amount
2020 I-3	12/15/2023	\$80,000,000
		<u><u>\$80,000,000</u></u>

Diversification:	Amount	% Total
Barclays Bank	\$178,720,000	46.58%
Royal Bank of Canada	\$125,000,000	32.58%
TD Bank	\$80,000,000	20.85%
TOTAL	<u><u>\$383,720,000</u></u>	<u><u>100.00%</u></u>